

## Deaths: Leading Causes for 1999

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### Abstract

**Objectives**—This report presents final 1999 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 and responds to an increasing volume of requests by data users for leading-cause tables with more age and race detail than previously published.

**Methods**—Data in this report are based on information from all death certificates filed in the 50 States and the District of Columbia in 1999. Causes of death classified by the *International Statistical Classification of Diseases and Related Health Problems, Tenth Revision* (ICD-10) are ranked according to the number of deaths assigned to rankable causes. Age categories used to present leading causes of death in this report represent a substantial expansion from the age categories previously used to present leading-cause data in the annual report of final mortality statistics.

**Results**—In 1999 the 10 leading causes of death were (in rank order) Diseases of heart; Malignant neoplasms; Cerebrovascular diseases; Chronic lower respiratory diseases; Accidents; Diabetes mellitus; Influenza and pneumonia; Alzheimer's disease; Nephritis, nephrotic syndrome, and nephrosis; and Septicemia and accounted for nearly 80 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 1999 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; Respiratory distress of newborn; Newborn affected by complications of placenta, cord, and Accidents; Bacterial sepsis of newborn; Diseases of the system; and Atelectasis. Important variation in the leading infant death is noted for the neonatal and postneonatal

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### 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 that 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

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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, and lung (lung cancer) and Motor vehicle accidents are not rankable causes of death (see below **Procedures for ranking causes of death**) though they can be identified using the standard mortality tabulation lists. Were they included in the rankings, both causes would be placed among the 10 leading causes of death—lung cancer would rank third and Motor vehicle accidents would rank eighth. However, each of these 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 1999 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 1999 that are presented in a separate report (3). This report responds to an increasing volume of requests by data users for leading-cause tables with more age and race detail than previously published. For the first time, leading causes of death are shown for an expanded set of age categories and for the American Indian and Asian and Pacific Islander populations. Further age detail beyond that published in this report is provided in tables published on the NCHS Web site (<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 1999. Death certificates are completed by funeral directors, attending physicians, medical examiners, and coroners. Cause-of-death statistics for 1999 presented in this report are classified in accordance with the *International Statistical Classification of Diseases and Related Health Problems, Tenth Revision* (ICD–10) (4). Statistics for 1998 are classified in accordance with the Ninth Revision of the ICD (ICD–9) (5). A discussion of cause-of-death classification and comparability between 1999 and 1998 mortality data is provided in the [Technical notes](#).

### 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 could technically 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 (6). 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 tend to be higher and the rank of causes that primarily affect the younger population tend 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 (7) 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 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 (7) ([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 and over, 65–74, 75–84, and 85 and over. These age categories respond to increasing 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, 65 and over) (8). 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](#) that present data

**Table A. List of 113 selected causes of death**

Number	Cause of death ( <i>Tenth Revision, International Classification of Diseases, 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.**

Number	Cause of death ( <i>Tenth Revision, International Classification of Diseases, 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, nephrosis 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) (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) . . . . . (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 . . . . . (X60–X71,X75–X84,Y87.0)
#	Assault (homicide) . . . . . (X85–Y09,Y87.1)
107	Assault (homicide) by discharge of firearms . . . . . (X93–X95)
108	Assault (homicide) by other and unspecified means and their sequelae . . . . . (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**

Number	Cause of death (Tenth Revision, International Classification of Diseases, 1992)	
	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	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#	Malnutrition and other 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–N98)
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–N98)
	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.**

Number	Cause of death ( <i>Tenth Revision, International Classification of Diseases, 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–P76, P78–P81, P83.0–P83.1, P83.3–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, R55–594, R96–R99)
113	All other diseases . . . . .	(F01–F99, H00–H57, L00–M99)
	External causes of mortality . . . . .	(V01–Y89)
#	Accidents (unintentional injuries) . . . . .	(V01–X59)

See note at end of table.

**Table B. List of 130 selected causes of infant death—Con.**

Number	Cause of death ( <i>Tenth Revision, International Classification of Diseases, 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) . . . . . (X85–Y09, Y87.1)
125	Assault (homicide) by hanging, strangulation and suffocation . . . . . (X91)
126	Assault (homicide) by discharge of firearms . . . . . (X93–X95)
127	Neglect, abandonment and other maltreatment syndromes . . . . . (Y06–Y07)
128	Assault (homicide) by other and unspecified means . . . . . (X85–X90, X92, X96–X99, Y00–Y05, Y08–Y09, Y87.1)
129#	Complications of medical and surgical care . . . . . (Y40–Y84)
130	Other external causes and their sequelae . . . . . (X60–X84, Y10–Y36)

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

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 have an impact on the rankings assigned to any particular age (9). For example, in 1999 the rankings for the 10 leading causes of death for a 45-year old male are slightly different depending on whether one uses the age group 45–49, 45–54, or 45–64 years. To illustrate, the category Chronic lower respiratory disease (CLRD) is not ranked among the 10 leading causes for 45–49 year-old men, but is ninth for men 45–54 years old and seventh for men 45–64 years old. Viral hepatitis is ranked tenth for men 45–49, but is not ranked in the top 10 for the other two age groups. Each aggregation of age results in a different understanding of the relative importance of CLRD and Viral hepatitis for those at or near age 45. These differences can have important program implications.

## Results

In 1999 the 10 leading causes of death accounted for nearly 80 percent of all deaths occurring in the United States (table C). The top two causes, Diseases of heart (heart disease) and Malignant neoplasms (cancer) accounted for a little more than half (53.3 percent) of all deaths in 1999. Cerebrovascular diseases (stroke) was ranked third, followed by Chronic lower respiratory diseases (CLRD) and Accidents (unintentional injuries), which were 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).

The positioning of the top five leading causes remained unchanged from 1998 to 1999 (the ICD–9 title Chronic obstructive pulmonary diseases is comparable to the ICD–10 title Chronic lower respiratory diseases). Influenza and pneumonia and Diabetes mellitus, ranked sixth and seventh respectively in 1998, switched rankings between 1998 and 1999. Alzheimer's disease and Septicemia,

previously not ranked among the 10 leading causes in 1998, became the 8th and 10th leading causes in 1999. Kidney disease remained the 9th leading cause of death. Suicide and Chronic liver disease and cirrhosis, despite changing only slightly between 1998 and 1999, dropped out of the top 10 during this period as the result of large increases in deaths due to Alzheimer's disease, kidney disease, and Septicemia.

Changes in the number of deaths by cause from 1998 to 1999 can be explained by two factors. First, due to the introduction of ICD–10 beginning with 1999 mortality data, some changes occurred in cause-of-death titles and groupings and in the rules for selecting the underlying cause of death (see [Technical notes](#)) (10). Mortality data for 1998 were classified according to ICD–9 (5). The second factor is actual changes in mortality levels between 1998 and 1999. [Table D](#) compares leading causes for 1998 with leading causes based on 1998 comparability-modified counts and estimates the impact of ICD–10 on the leading causes of death for 1998. The comparability-modified data approximate the pattern that would occur if the 1998 data were classified by ICD–10. The modified counts for causes of death are calculated by multiplying the 1998 count by cause-specific comparability ratios (see [Technical notes](#)) (3,10).

The ranking of the top five leading causes are unaffected by the introduction of ICD–10. However, ICD–10 does have a substantial impact on the rankings for leading causes 6–10 and is the primary factor responsible for changes in the ranking of these causes from 1998 to 1999. A comparison between leading causes based on comparability-modified 1998 data ([table D](#)) and 1999 leading causes ([table C](#)) shows almost identical rankings. A change in the rules for selecting the underlying cause of death is primarily responsible for the large decrease in deaths and resulting drop in ranking from 1998 to 1999 for Influenza and pneumonia (see [Technical notes](#)) (3,10). The increases in deaths for Alzheimer's disease and kidney disease and the substantial increase in ranking for Alzheimer's disease were primarily due to an ICD–10-related classification change. A change in the rules for selecting underlying cause of death also resulted in an increase in deaths due to Septicemia. However, the comparability-modified 1998 data show Suicide ranked 10th (Septicemia is ranked

**Table C. Deaths and percent of total deaths for the 10 leading causes of death: United States, 1998 and 1999**

Rank <sup>1</sup>	Cause of death and year	Deaths	Percent of total deaths
1999 <sup>2</sup>			
...	All causes	2,391,399	100.0
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	725,192	30.3
2	Malignant neoplasms (C00-C97)	549,838	23.0
3	Cerebrovascular diseases (I60-I69)	167,366	7.0
4	Chronic lower respiratory diseases (J40-J47)	124,181	5.2
5	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	97,860	4.1
6	Diabetes mellitus (E10-E14)	68,399	2.9
7	Influenza and pneumonia (J10-J18)	63,730	2.7
8	Alzheimer's disease (G30)	44,536	1.9
9	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	35,525	1.5
10	Septicemia (A40-A41)	30,680	1.3
...	All other causes (Residual)	484,092	20.2
1998 <sup>3</sup>			
...	All causes	2,337,256	100.0
1	Diseases of heart (390-398,402,404-429)	724,859	31.0
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	541,532	23.2
3	Cerebrovascular diseases (430-438)	158,448	6.8
4	Chronic obstructive pulmonary diseases and allied conditions (490-496)	112,584	4.8
5	Accidents and adverse effects (E800-E949)	97,835	4.2
6	Pneumonia and influenza (480-487)	91,871	3.9
7	Diabetes mellitus (250)	64,751	2.8
8	Suicide (E950-E959)	30,575	1.3
9	Nephritis, nephrotic syndrome and nephrosis (580-589)	26,182	1.1
10	Chronic liver disease and cirrhosis (571)	25,192	1.1
...	All other causes (Residual)	463,427	19.8

... Category not applicable.

<sup>1</sup>Rank based on number of deaths.<sup>2</sup>Causes of death for 1999 based on the *Tenth Revision, International Classification of Diseases, 1992*; see Technical notes.<sup>3</sup>Causes of death for 1998 based on the *Ninth Revision, International Classification of Diseases, 1975*; see Technical notes.

NOTE: See Technical notes for information on the comparability between data classified by ICD-9 and ICD-10

**Table D. Deaths for the 10 leading causes of death: United States, 1999 and comparability-modified 1998**

Rank <sup>1</sup>	Cause of death (Based on the <i>Ninth Revision, International Classification of Diseases, 1975</i> ) and year	Deaths
1998		
...	All causes	2,337,256
1	Diseases of heart (390-398,402,404-429)	724,859
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	541,532
3	Cerebrovascular diseases (430-438)	158,448
4	Chronic obstructive pulmonary diseases and allied conditions (490-496)	112,584
5	Accidents and adverse effects (E800-E949)	97,835
6	Pneumonia and influenza (480-487)	91,871
7	Diabetes mellitus (250)	64,751
8	Suicide (E950-E959)	30,575
9	Nephritis, nephrotic syndrome and nephrosis (580-589)	26,182
10	Chronic liver disease and cirrhosis (571)	25,192
...	All other causes (Residual)	463,427
1998 comparability modified <sup>2</sup>		
...	All causes	2,337,256
1	Diseases of heart (390-398,402,404-429)	714,566
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	545,130
3	Cerebrovascular diseases (430-438)	167,765
4	Chronic obstructive pulmonary diseases and allied conditions (490-496)	117,966
5	Accidents and adverse effects (E800-E949)	100,819
6	Diabetes mellitus (250)	65,282
7	Pneumonia and influenza (480-487)	64,144
8	Alzheimer's disease (331.0)	35,306
9	Nephritis, nephrotic syndrome and nephrosis (580-589)	32,256
10	Suicide (E950-E959)	30,458
...	All other causes (Residual)	463,564

... Category not applicable.

<sup>1</sup>Rank based on number of deaths.<sup>2</sup>Modified counts for causes of death calculated by multiplying the 1998 count by cause-specific comparability ratios; see Technical notes.



11th). The combination of increases in the mortality level for Septicemia and decreases for Suicide between 1998 and 1999 pushed Septicemia to rank 10th ahead of Suicide in 1999.

### Age differences

Leading causes of death vary substantially by age. The leading cause of death for age groups from 1–4 to 25–34 is unintentional injuries (table 1). Assault (homicide) and Intentional self-harm (suicide) are also important causes of death in these age categories. Unintentional injuries, homicide, and suicide combined accounted for 75 percent of deaths for those aged 15–19 years, 72 percent of deaths for those aged 20–24 years, and 52 percent of deaths for those aged 25–34 years. Congenital malformations, deformations, and chromosomal abnormalities, Human immunodeficiency virus (HIV) disease and cancer were also typically ranked among the leading causes for the younger age groups.

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 ages 45–54 and older age groups and consistently account for more than 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 E contrasts leading causes of death for males and females. The top three causes for males and females—heart disease, cancer, and stroke—are exactly the same. The next four most prevalent causes are also the same, although not in exactly the same order. The rank of unintentional injuries is fourth for males and seventh for females. CLRD, Diabetes mellitus, and Influenza and pneumonia, which rank fifth, sixth, and seventh, respectively, for males, rank fourth, fifth, and sixth for females. Suicide and Chronic liver disease and cirrhosis were ranked eighth and ninth respectively for males, but were not ranked among the 10 leading causes for females. Alzheimer's disease and Septicemia, ranked 8th and 10th, respectively, for females, were not ranked among the top 10 for males. Kidney disease was ranked 9th for females and 10th for males.

### Race differences

Table F shows variation across race groups in the 10 leading causes of death. The four major race groups shown all share seven leading causes in common. Heart disease and cancer rank first and second for each of the four race groups. Stroke ranks third for the white, black, and Asian or Pacific Islander (API) populations, but ranks fifth for the American Indian population. CLRD, unintentional injuries, Influenza and pneumonia, and Diabetes mellitus also rank among the 10 leading causes of death for each race group. CLRD ranks fourth for the white population, sixth for the black and API populations, and seventh for the American Indian population. Unintentional injuries ranks third for the American Indian population, fourth for the black and API populations, and fifth for the white population. Influenza and pneumonia ranks 6th for the white population, 7th for the API population, 8th for the American Indian population and 10th

for the black population. Diabetes mellitus is ranked fourth for the American Indian population, fifth for the black and API populations, and seventh for the white population. Other leading causes common to more than one race group include kidney disease, ranked 9th for the white, black, and API populations; suicide, ranked 8th for the API population, 9th for the American Indian population, and 10th for the white population; and homicide, ranked 8th for the black population and 10th for the American Indian population.

For each of the four race groups, one of the 10 leading causes is exclusive 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 three race groups. HIV disease ranks seventh for the black population, but is not among the leading causes for the other race groups. Alzheimer's disease, ranked eighth for the white population, is not ranked among the 10 leading causes for the other race groups. Septicemia is ranked 10th for the API population, but not ranked in the top 10 for the other race groups.

### Hispanic origin

Table G shows leading causes of death for the Hispanic, non-Hispanic white, and non-Hispanic black populations. Heart disease and cancer rank first and second for both the Hispanic and non-Hispanic populations. Unintentional injuries rank third for the Hispanic population, higher than the rank for the non-Hispanic white (fifth) and non-Hispanic black (fourth) populations. The fourth ranked cause for Hispanics is stroke, which is ranked third for the non-Hispanic populations. Diabetes mellitus is ranked fifth for both the Hispanic and non-Hispanic black populations, but seventh for the non-Hispanic white population. Chronic liver disease and cirrhosis, ranked sixth for the Hispanic population, is not ranked among the 10 leading causes for the non-Hispanic white and black populations. Homicide ranks seventh for the Hispanic population and eighth for the non-Hispanic black population. CLRD is ranked much lower for the Hispanic population (eighth) than for the non-Hispanic white (fourth) and non-Hispanic black (sixth) populations. Influenza and pneumonia is also ranked much lower for the Hispanic population (9th) than for the non-Hispanic white population (sixth), but higher than for the non-Hispanic black population (10th). The 10th ranked cause for the Hispanic population is Certain conditions originating in the perinatal period (perinatal conditions), a category consisting of diseases that primarily affect infants. The high ranking of perinatal conditions is largely a reflection of the relatively young age distribution of the Hispanic population. HIV disease (ranked 7th for the non-Hispanic black population), Alzheimer's disease and suicide (ranked 8th and 10th, respectively, for the non-Hispanic white population) and kidney disease (ranked 9th for both the non-Hispanic white and black populations) are not ranked among the 10 leading causes of death for Hispanics.

### Leading causes of infant death

The leading cause of infant death in 1999 was Congenital malformations, deformations, and chromosomal abnormalities (congenital anomalies) that accounted for nearly one-fifth of all infant deaths (table H). Disorders related to short gestation and low birthweight, not elsewhere classified was ranked second, followed by Sudden infant death syndrome (SIDS) (third); Newborn affected by

**Table E. Deaths and percent of total deaths for leading causes of death by sex: United States, 1999**

Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> )	Males			Females		
	Rank <sup>1</sup>	Deaths	Percent of total deaths	Rank <sup>1</sup>	Deaths	Percent of total deaths
All causes . . . . .	...	1,175,460	100.0	...	1,215,939	100.0
Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	1	351,617	29.9	1	373,575	30.7
Malignant neoplasms . . . . . (C00–C97)	2	285,832	24.3	2	264,006	21.7
Cerebrovascular diseases . . . . . (I60–I69)	3	64,485	5.5	3	102,881	8.5
Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	4	63,535	5.4	7	34,325	2.8
Chronic lower respiratory diseases . . . . . (J40–J47)	5	62,415	5.3	4	61,766	5.1
Diabetes mellitus . . . . . (E10–E14)	6	31,150	2.7	5	37,249	3.1
Influenza and pneumonia . . . . . (J10–J18)	7	27,718	2.4	6	36,012	3.0
Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	8	23,458	2.0	...	5,741	0.5
Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	9	17,115	1.5	...	9,144	0.8
Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	10	17,016	1.4	9	18,509	1.5
Alzheimer's disease . . . . . (G30)	...	13,391	1.1	8	31,145	2.6
Septicemia . . . . . (A40–A41)	...	13,395	1.1	10	17,285	1.4

... Category not applicable.

<sup>1</sup>Rank based on number of deaths.**Table F. Deaths and percent of total deaths for leading causes of death by race: United States, 1999**

[Data for races other than white and black should be interpreted with caution because of inconsistencies between the reporting of race on death certificates and on censuses and surveys; see Technical notes]

Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> )	White			Black			American Indian			Asian or Pacific Islander		
	Rank <sup>1</sup>	Deaths	Percent of total deaths	Rank <sup>1</sup>	Deaths	Percent of total deaths	Rank <sup>1</sup>	Deaths	Percent of total deaths	Rank <sup>1</sup>	Deaths	Percent of total deaths
All causes . . . . .	...	2,061,348	100.0	...	285,064	100.0	...	11,312	100.0	...	33,675	100.0
Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	1	635,118	30.8	1	78,574	27.6	1	2,404	21.3	1	9,096	27.0
Malignant neoplasms . . . . . (C00–C97)	2	477,238	23.2	2	61,951	21.7	2	1,836	16.2	2	8,813	26.2
Cerebrovascular diseases . . . . . (I60–I69)	3	144,827	7.0	3	18,884	6.6	5	546	4.8	3	3,109	9.2
Chronic lower respiratory diseases . . . . . (J40–J47)	4	114,735	5.6	6	7,915	2.8	7	406	3.6	6	1,125	3.3
Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	5	82,245	4.0	4	12,728	4.5	3	1,327	11.7	4	1,560	4.6
Influenza and pneumonia . . . . . (J10–J18)	6	56,694	2.8	10	5,876	2.1	8	315	2.8	7	845	2.5
Diabetes mellitus . . . . . (E10–E14)	7	54,599	2.6	5	11,927	4.2	4	725	6.4	5	1,148	3.4
Alzheimer's disease . . . . . (G30)	8	41,877	2.0	...	2,342	0.8	...	86	0.8	...	231	0.7
Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	9	28,041	1.4	9	6,711	2.4	...	194	1.7	9	579	1.7
Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	10	26,300	1.3	...	1,950	0.7	9	291	2.6	8	658	2.0
Septicemia . . . . . (A40–A41)	...	24,287	1.2	...	5,826	2.0	...	169	1.5	10	398	1.2
Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	...	22,620	1.1	...	2,833	1.0	6	513	4.5	...	293	0.9
Assault (homicide) . . . . . (X85–Y09,Y87.1)	...	8,628	0.4	8	7,648	2.7	10	253	2.2	...	360	1.1
Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	...	6,752	0.3	7	7,893	2.8	...	68	0.6	...	89	0.3

... Category not applicable.

<sup>1</sup>Rank based on number of deaths.

maternal complications of pregnancy (4th); Respiratory distress of newborn (5th); Newborn affected by complications of placenta, cord and membranes (6th); unintentional injuries (7th); Bacterial sepsis of newborn (8th); Diseases of the circulatory system (9th); and Atelectasis (10th). In all, the 10 leading causes of infant death accounted for about 68 percent of all infant deaths.

From 1998 to 1999, the six most prevalent causes of infant death did not change (cause-of-death titles did change in some instances due to the implementation of ICD–10; see [Technical notes](#)). Unintentional injuries rose in the ranking from eighth in 1998 to seventh in 1999 despite remaining unchanged in terms of the number of deaths. Infections specific to the perinatal period, which ranked seventh in 1998, is not a rankable cause of infant death under the ICD–10 rubric. Its

subcategories, however, are designated as rankable. One of these subcategories is Bacterial sepsis of newborn, which is ranked eighth in 1999. Intrauterine hypoxia and birth asphyxia and Pneumonia and influenza, ranked 9th and 10th in 1998, dropped out of the top 10 in 1999 because with the introduction of ICD–10, Diseases of the circulatory system and Atelectasis as rankable causes of infant death each exceed Intrauterine hypoxia and birth asphyxia and Pneumonia and influenza in terms of number of deaths.

### Neonatal and Postneonatal mortality

Stark differences are evident when comparing leading causes of death in the neonatal (less than 28 days after birth) and postneonatal

**Table G. Deaths and percent of total deaths for leading causes of death by Hispanic origin and race for non-Hispanic population: United States, 1999**

[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; see Technical notes]

Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> )	Hispanic			White, non-Hispanic			Black, non-Hispanic		
	Rank <sup>1</sup>	Deaths	Percent of total deaths	Rank <sup>1</sup>	Deaths	Percent of total deaths	Rank <sup>1</sup>	Deaths	Percent of total deaths
All causes . . . . .	...	103,740	100.0	...	1,953,197	100.0	...	281,979	100.0
Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	1	25,866	24.9	1	607,704	31.1	1	77,713	27.6
Malignant neoplasms . . . . . (C00–C97)	2	20,233	19.5	2	456,315	23.4	2	61,409	21.8
Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	3	8,650	8.3	5	73,326	3.8	4	12,533	4.4
Cerebrovascular diseases . . . . . (I60–I69)	4	5,907	5.7	3	138,716	7.1	3	18,731	6.6
Diabetes mellitus . . . . . (E10–E14)	5	5,182	5.0	7	49,347	2.5	5	11,830	4.2
Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	6	2,972	2.9	...	19,602	1.0	...	2,793	1.0
Assault (homicide) . . . . . (X85–Y09,Y87.1)	7	2,864	2.8	...	5,748	0.3	8	7,536	2.7
Chronic lower respiratory diseases . . . . . (J40–J47)	8	2,859	2.8	4	111,620	5.7	6	7,840	2.8
Influenza and pneumonia . . . . . (J10–J18)	9	2,246	2.2	6	54,280	2.8	10	5,794	2.1
Certain conditions originating in the perinatal period . . . . . (P00–P96)	10	2,153	2.1	...	6,384	0.3	...	5,000	1.8
Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	...	1,958	1.9	...	4,744	0.2	7	7,751	2.7
Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	...	1,695	1.6	10	24,534	1.3	...	1,924	0.7
Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	...	1,584	1.5	9	26,418	1.4	9	6,659	2.4
Alzheimer's disease . . . . . (G30)	...	981	0.9	8	40,835	2.1	...	2,325	0.8

... Category not applicable.

<sup>1</sup>Rank based on number of deaths.

**Table H. Deaths and percent of total deaths for the 10 leading causes of infant death: United States, 1998–99**

Rank <sup>1</sup>	Cause of death and year	Deaths	Percent of total deaths
	1999 <sup>2</sup>		
...	All causes . . . . .	27,937	100.0
1	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	5,473	19.6
2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	4,392	15.7
3	Sudden infant death syndrome . . . . . (R95)	2,648	9.5
4	Newborn affected by maternal complications of pregnancy . . . . . (P01)	1,399	5.0
5	Respiratory distress of newborn . . . . . (P22)	1,110	4.0
6	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	1,025	3.7
7	Accidents (unintentional injuries) . . . . . (V01–X59)	845	3.0
8	Bacterial sepsis of newborn . . . . . (P36)	691	2.5
9	Diseases of the circulatory system . . . . . (I00–I99)	667	2.4
10	Atelectasis . . . . . (P28.0–P28.1)	647	2.3
...	All other causes . . . . . (Residual)	9,040	32.4
	1998 <sup>3</sup>		
...	All causes . . . . .	28,371	100.0
1	Congenital anomalies . . . . . (740–759)	6,212	21.9
2	Disorders relating to short gestation and unspecified low birth weight . . . . . (765)	4,101	14.5
3	Sudden infant death syndrome . . . . . (798.0)	2,822	9.9
4	Newborn affected by maternal complications of pregnancy . . . . . (761)	1,343	4.7
5	Respiratory distress syndrome . . . . . (769)	1,295	4.6
6	Newborn affected by complications of placenta, cord and membranes . . . . . (762)	961	3.4
7	Infections specific to the perinatal period . . . . . (771)	815	2.9
8	Accidents and adverse effects . . . . . (E800–E949)	845	3.0
9	Intrauterine hypoxia and birth asphyxia . . . . . (768)	461	1.6
10	Pneumonia and influenza . . . . . (480–487)	441	1.6
...	All other causes . . . . . (Residual)	9,075	32.0

... Category not applicable.

<sup>1</sup>Rank based on number of deaths.

<sup>2</sup>Causes of death for 1999 based on the *Tenth Revision, International Classification of Diseases, 1992*; see Technical notes.

<sup>3</sup>Causes of death for 1998 based on the *Ninth Revision, International Classification of Diseases, 1975*; see Technical notes.

NOTE: See Technical notes for information on the comparability between data classified by ICD–9 and ICD–10.

(between 28 days and 11 months after birth) periods (table J). Disorders related to short gestation and low birthweight, not elsewhere classified is the leading cause of neonatal death. In contrast, SIDS is the leading cause in the postneonatal period. Congenital

anomalies, 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, while in the postneonatal period, the remaining

**Table J. Deaths and percent of total deaths for the 10 leading causes of neonatal and postneonatal death: United States, 1999**

[Neonatal deaths are those occurring less than 28 days after birth. Postneonatal deaths are those occurring between 28 days and 11 months after birth.]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> )	Deaths	Percent of total deaths
Neonatal			
...	All causes . . . . .	18,728	100.0
1	Disorders related to short gestation and low birthweight, not elsewhere classified . . . . . (P07)	4,320	23.1
2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	3,892	20.8
3	Newborn affected by maternal complications of pregnancy . . . . . (P01)	1,391	7.4
4	Respiratory distress of newborn . . . . . (P22)	1,050	5.6
5	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	1,010	5.4
6	Bacterial sepsis of newborn . . . . . (P36)	662	3.5
7	Atelectasis . . . . . (P28.0–P28.1)	638	3.4
8	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	572	3.1
9	Neonatal hemorrhage . . . . . (P50–P52, P54)	496	2.6
10	Necrotizing enterocolitis of newborn . . . . . (P77)	361	1.9
...	All other causes . . . . . (Residual)	4,336	23.2
Postneonatal			
...	All causes . . . . .	9,209	100.0
1	Sudden infant death syndrome . . . . . (R95)	2,440	26.5
2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	1,581	17.2
3	Accidents (unintentional injuries) . . . . . (V01–X59)	743	8.1
4	Diseases of the circulatory system . . . . . (I00–I99)	399	4.3
5	Influenza and pneumonia . . . . . (J10–J18)	288	3.1
6	Septicemia . . . . . (A40–A41)	283	3.1
7	Chronic respiratory disease originating in the perinatal period . . . . . (P27)	272	3.0
7	Assault (homicide) . . . . . (X85–Y09, Y87.1)	272	3.0
9	Gastritis, duodenitis, and noninfective enteritis and colitis . . . . . (K29, K50–K55)	224	2.4
10	Meningitis . . . . . (G00, G03)	88	1.0
...	All other causes . . . . . (Residual)	2,619	28.4

... Category not applicable.

<sup>1</sup>Rank based on number of deaths.

leading causes are more characterized by conditions prevalent among the general population, including unintentional injuries (third), Influenza and pneumonia (fifth), Septicemia (sixth) and homicide (seventh).

## Discussion

This report presents leading causes of death in the United States by age, race, sex, and Hispanic origin, and 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 more 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 (1–3,7) provides this needed structure.

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**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
All races, both sexes, all ages <sup>3</sup>					All races, both sexes, 10–14 years				
...	All causes . . . . .	2,391,399	100.0	877.0	...	All causes . . . . .	4,121	100.0	21.1
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	725,192	30.3	265.9	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,632	39.6	8.3
2	Malignant neoplasms . . . . . (C00–C97)	549,838	23.0	201.6	2	Malignant neoplasms . . . . . (C00–C97)	503	12.2	2.6
3	Cerebrovascular diseases . . . . . (I60–I69)	167,366	7.0	61.4	3	Assault (homicide). . . . . (X85–Y09,Y87.1)	246	6.0	1.3
4	Chronic lower respiratory diseases . . . . . (J40–J47)	124,181	5.2	45.5	4	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	242	5.9	1.2
5	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	97,860	4.1	35.9	5	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	221	5.4	1.1
6	Diabetes mellitus . . . . . (E10–E14)	68,399	2.9	25.1	6	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	161	3.9	0.8
7	Influenza and pneumonia . . . . . (J10–J18)	63,730	2.7	23.4	7	Chronic lower respiratory diseases . . . . . (J40–J47)	90	2.2	0.5
8	Alzheimer’s disease . . . . . (G30)	44,536	1.9	16.3	8	Influenza and pneumonia . . . . . (J10–J18)	47	1.1	0.2
9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	35,525	1.5	13.0	9	Cerebrovascular diseases . . . . . (I60–I69)	39	0.9	0.2
10	Septicemia . . . . . (A40–A41)	30,680	1.3	11.3	10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	37	0.9	0.2
...	All other causes . . . . . (Residual)	484,092	20.2	177.5	...	All other causes . . . . . (Residual)	903	21.9	4.6
All races, both sexes, 1–4 years					All races, both sexes, 15–19 years				
...	All causes . . . . .	5,249	100.0	34.7	...	All causes . . . . .	13,778	100.0	69.8
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,898	36.2	12.6	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	6,688	48.5	33.9
2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	549	10.5	3.6	2	Assault (homicide). . . . . (X85–Y09,Y87.1)	2,093	15.2	10.6
3	Malignant neoplasms . . . . . (C00–C97)	418	8.0	2.8	3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	1,615	11.7	8.2
4	Assault (homicide). . . . . (X85–Y09,Y87.1)	376	7.2	2.5	4	Malignant neoplasms . . . . . (C00–C97)	745	5.4	3.8
5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	183	3.5	1.2	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	463	3.4	2.3
6	Influenza and pneumonia . . . . . (J10–J18)	130	2.5	0.9	6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	222	1.6	1.1
7	Certain conditions originating in the perinatal period . . . . . (P00–P96)	92	1.8	0.6	7	Chronic lower respiratory diseases . . . . . (J40–J47)	107	0.8	0.5
8	Septicemia . . . . . (A40–A41)	87	1.7	0.6	8	Influenza and pneumonia . . . . . (J10–J18)	73	0.5	0.4
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	63	1.2	0.4	9	Cerebrovascular diseases . . . . . (I60–I69)	67	0.5	0.3
10	Chronic lower respiratory diseases . . . . . (J40–J47)	54	1.0	0.4	10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	52	0.4	0.3
...	All other causes . . . . . (Residual)	1,399	26.7	9.3	...	All other causes . . . . . (Residual)	1,653	12.0	8.4
All races, both sexes, 5–9 years					All races, both sexes, 20–24 years				
...	All causes . . . . .	3,474	100.0	17.4	...	All causes . . . . .	16,878	100.0	93.6
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,459	42.0	7.3	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	6,968	41.3	38.7
2	Malignant neoplasms . . . . . (C00–C97)	509	14.7	2.6	2	Assault (homicide). . . . . (X85–Y09,Y87.1)	2,905	17.2	16.1
3	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	207	6.0	1.0	3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	2,286	13.5	12.7
4	Assault (homicide). . . . . (X85–Y09,Y87.1)	186	5.4	0.9	4	Malignant neoplasms . . . . . (C00–C97)	979	5.8	5.4
5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	116	3.3	0.6	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	606	3.6	3.4
6	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	64	1.8	0.3	6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	212	1.3	1.2
7	Chronic lower respiratory diseases . . . . . (J40–J47)	49	1.4	0.2	7	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	167	1.0	0.9
8	Septicemia . . . . . (A40–A41)	47	1.4	0.2	8	Cerebrovascular diseases . . . . . (I60–I69)	115	0.7	0.6
9	Influenza and pneumonia . . . . . (J10–J18)	46	1.3	0.2	9	Influenza and pneumonia . . . . . (J10–J18)	106	0.6	0.6
10	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	38	1.1	0.2	10	Diabetes mellitus . . . . . (E10–E14)	104	0.6	0.6
...	All other causes . . . . . (Residual)	753	21.7	3.8	...	All other causes . . . . . (Residual)	2,430	14.4	13.5

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
All races, both sexes, 25–34 years					All races, both sexes, 55–64 years				
...	All causes . . . . .	41,066	100.0	108.3	...	All causes . . . . .	238,979	100.0	1,021.8
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	11,890	29.0	31.3	1	Malignant neoplasms . . . . . (C00–C97)	89,067	37.3	380.8
2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	5,106	12.4	13.5	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	64,167	26.9	274.3
3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	4,231	10.3	11.2	3	Chronic lower respiratory diseases (J40–J47)	11,297	4.7	48.3
4	Malignant neoplasms . . . . . (C00–C97)	4,005	9.8	10.6	4	Cerebrovascular diseases . . . . . (I60–I69)	9,652	4.0	41.3
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	3,066	7.5	8.1	5	Diabetes mellitus . . . . . (E10–E14)	9,097	3.8	38.9
6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	2,729	6.6	7.2	6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	7,285	3.0	31.1
7	Diabetes mellitus . . . . . (E10–E14)	582	1.4	1.5	7	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	5,637	2.4	24.1
8	Cerebrovascular diseases . . . . . (I60–I69)	580	1.4	1.5	8	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	2,896	1.2	12.4
9	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	465	1.1	1.2	9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	2,864	1.2	12.2
10	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	407	1.0	1.1	10	Septicemia . . . . . (A40–A41)	2,714	1.1	11.6
...	All other causes . . . . . (Residual)	8,005	19.5	21.1	...	All other causes . . . . . (Residual)	34,303	14.4	146.7
All races, both sexes, 35–44 years					All races, both sexes, 65 years and over				
...	All causes . . . . .	89,256	100.0	199.2	...	All causes . . . . .	1,797,331	100.0	5,203.6
1	Malignant neoplasms . . . . . (C00–C97)	16,732	18.7	37.3	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	607,265	33.8	1,758.12
2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	15,231	17.1	34.0	2	Malignant neoplasms . . . . . (C00–C97)	390,122	21.7	1,129.53
3	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	13,600	15.2	30.3	3	Cerebrovascular diseases . . . . . (I60–I69)	148,599	8.3	430.2
4	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	6,466	7.2	14.4	4	Chronic lower respiratory diseases (J40–J47)	108,112	6.0	313.0
5	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	6,232	7.0	13.9	5	Influenza and pneumonia . . . . . (J10–J18)	57,282	3.2	165.8
6	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	3,302	3.7	7.4	6	Diabetes mellitus . . . . . (E10–E14)	51,843	2.9	150.1
7	Assault (homicide) . . . . . (X85–Y09,Y87.1)	3,206	3.6	7.2	7	Alzheimer's disease . . . . . (G30)	44,020	2.4	127.4
8	Cerebrovascular diseases . . . . . (I60–I69)	2,574	2.9	5.7	8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	32,219	1.8	93.3
9	Diabetes mellitus . . . . . (E10–E14)	1,942	2.2	4.3	9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	29,938	1.7	86.7
10	Influenza and pneumonia . . . . . (J10–J18)	1,063	1.2	2.4	10	Septicemia . . . . . (A40–A41)	24,626	1.4	71.3
...	All other causes . . . . . (Residual)	18,908	21.2	42.2	...	All other causes . . . . . (Residual)	303,305	16.9	878.1
All races, both sexes, 45–54 years					All races, both sexes, 65–74 years				
...	All causes . . . . .	152,974	100.0	427.3	...	All causes . . . . .	452,600	100.0	2,484.3
1	Malignant neoplasms . . . . . (C00–C97)	46,681	30.5	130.4	1	Malignant neoplasms . . . . . (C00–C97)	152,338	33.7	836.2
2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	34,994	22.9	97.7	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	129,253	28.6	709.5
3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	11,639	7.6	32.5	3	Chronic lower respiratory diseases (J40–J47)	32,644	7.2	179.2
4	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	6,368	4.2	17.8	4	Cerebrovascular diseases . . . . . (I60–I69)	24,092	5.3	132.2
5	Cerebrovascular diseases . . . . . (I60–I69)	5,563	3.6	15.5	5	Diabetes mellitus . . . . . (E10–E14)	16,908	3.7	92.8
6	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	5,081	3.3	14.2	6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	8,208	1.8	45.1
7	Diabetes mellitus . . . . . (E10–E14)	4,735	3.1	13.2	7	Influenza and pneumonia . . . . . (J10–J18)	6,861	1.5	37.7
8	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	3,907	2.6	10.9	8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	6,841	1.5	37.6
9	Chronic lower respiratory diseases (J40–J47)	3,110	2.0	8.7	9	Septicemia . . . . . (A40–A41)	5,750	1.3	31.6
10	Influenza and pneumonia . . . . . (J10–J18)	1,697	1.1	4.7	10	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	5,642	1.2	31.0
...	All other causes . . . . . (Residual)	29,199	19.1	81.6	...	All other causes . . . . . (Residual)	64,063	14.2	351.6

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
All races, both sexes, 75–84 years					All races, male, 1–4 years				
...	All causes . . . . .	698,590	100.0	5,751.3	...	All causes . . . . .	2,975	100.0	38.5
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	226,152	32.4	1,861.8	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,127	37.9	14.6
2	Malignant neoplasms . . . . . (C00–C97)	162,770	23.3	1,340.0	2	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	310	10.4	4.0
3	Cerebrovascular diseases . . . . . (I60–I69)	57,427	8.2	472.8	3	Malignant neoplasms . . . . . (C00–C97)	227	7.6	2.9
4	Chronic lower respiratory diseases (J40–J47)	48,635	7.0	400.4	4	Assault (homicide). . . . . (X85–Y09,Y87.1)	194	6.5	2.5
5	Diabetes mellitus . . . . . (E10–E14)	21,757	3.1	179.1	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	104	3.5	1.3
6	Influenza and pneumonia . . . . . (J10–J18)	19,192	2.7	158.0	6	Influenza and pneumonia . . . . . (J10–J18)	66	2.2	0.9
7	Alzheimer's disease . . . . . (G30)	15,836	2.3	130.4	7	Certain conditions originating in the perinatal period. . . . . (P00–P96)	56	1.9	0.7
8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	12,282	1.8	101.1	8	Septicemia . . . . . (A40–A41)	48	1.6	0.6
9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	11,927	1.7	98.2	9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	33	1.1	0.4
10	Septicemia . . . . . (A40–A41)	9,710	1.4	79.9	10	Chronic lower respiratory diseases (J40–J47)	30	1.0	0.4
...	All other causes . . . . . (Residual)	112,902	16.2	929.5	...	All other causes . . . . . (Residual)	780	26.2	10.1
All races, both sexes, 85 years and over					All races, male, 5–9 years				
...	All causes . . . . .	646,141	100.0	15,476.1	...	All causes . . . . .	1,964	100.0	19.2
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	251,860	39.0	6,032.5	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	897	45.7	8.8
2	Malignant neoplasms . . . . . (C00–C97)	75,014	11.6	1,796.7	2	Malignant neoplasms . . . . . (C00–C97)	279	14.2	2.7
3	Cerebrovascular diseases . . . . . (I60–I69)	67,080	10.4	1,606.7	3	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	102	5.2	1.0
4	Influenza and pneumonia . . . . . (J10–J18)	31,229	4.8	748.0	4	Assault (homicide). . . . . (X85–Y09,Y87.1)	95	4.8	0.9
5	Chronic lower respiratory diseases . . . . . (J40–J47)	26,833	4.2	642.7	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	66	3.4	0.6
6	Alzheimer's disease . . . . . (G30)	24,980	3.9	598.3	6	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	30	1.5	0.3
7	Diabetes mellitus . . . . . (E10–E14)	13,178	2.0	315.6	7	Chronic lower respiratory diseases . . . . . (J40–J47)	29	1.5	0.3
8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	11,729	1.8	280.9	8	Influenza and pneumonia . . . . . (J10–J18)	27	1.4	0.3
9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	11,170	1.7	267.5	9	Septicemia . . . . . (A40–A41)	22	1.1	0.2
10	Septicemia . . . . . (A40–A41)	9,166	1.4	219.5	10	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	20	1.0	0.2
...	All other causes . . . . . (Residual)	123,902	19.2	2,967.7	...	All other causes . . . . . (Residual)	397	20.2	3.9
All races, male, all ages <sup>3</sup>					All races, male, 10–14 years				
...	All causes . . . . .	1,175,460	100.0	882.0	...	All causes . . . . .	2,528	100.0	25.3
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	351,617	29.9	263.8	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,077	42.6	10.8
2	Malignant neoplasms . . . . . (C00–C97)	285,832	24.3	214.5	2	Malignant neoplasms . . . . . (C00–C97)	276	10.9	2.8
3	Cerebrovascular diseases . . . . . (I60–I69)	64,485	5.5	48.4	3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	192	7.6	1.9
4	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	63,535	5.4	47.7	4	Assault (homicide). . . . . (X85–Y09,Y87.1)	155	6.1	1.5
5	Chronic lower respiratory diseases (J40–J47)	62,415	5.3	46.8	5	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	113	4.5	1.1
6	Diabetes mellitus . . . . . (E10–E14)	31,150	2.7	23.4	6	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	91	3.6	0.9
7	Influenza and pneumonia . . . . . (J10–J18)	27,718	2.4	20.8	7	Chronic lower respiratory diseases . . . . . (J40–J47)	64	2.5	0.6
8	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	23,458	2.0	17.6	8	Influenza and pneumonia . . . . . (J10–J18)	26	1.0	0.3
9	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	17,115	1.5	12.8	9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	19	0.8	*
10	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	17,016	1.4	12.8	10	Cerebrovascular diseases . . . . . (I60–I69)	17	0.7	*
...	All other causes . . . . . (Residual)	231,119	19.7	173.4	...	All other causes . . . . . (Residual)	498	19.7	5.0

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
All races, male, 15–19 years					All races, male, 35–44 years				
...	All causes . . . . .	9,780	100.0	96.3	...	All causes . . . . .	57,118	100.0	256.7
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	4,624	47.3	45.6	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	11,248	19.7	50.5
2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	1,748	17.9	17.2	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	9,640	16.9	43.3
3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	1,347	13.8	13.3	3	Malignant neoplasms . . . . . (C00–C97)	7,471	13.1	33.6
4	Malignant neoplasms . . . . . (C00–C97)	448	4.6	4.4	4	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	5,019	8.8	22.6
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	297	3.0	2.9	5	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	4,706	8.2	21.1
6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	139	1.4	1.4	6	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	2,314	4.1	10.4
7	Chronic lower respiratory diseases . . . . . (J40–J47)	60	0.6	0.6	7	Assault (homicide) . . . . . (X85–Y09,Y87.1)	2,307	4.0	10.4
8	Cerebrovascular diseases . . . . . (I60–I69)	36	0.4	0.4	8	Cerebrovascular diseases . . . . . (I60–I69)	1,308	2.3	5.9
9	Influenza and pneumonia . . . . . (J10–J18)	34	0.3	0.3	9	Diabetes mellitus . . . . . (E10–E14)	1,139	2.0	5.1
10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	26	0.3	0.3	10	Influenza and pneumonia . . . . . (J10–J18)	592	1.0	2.7
...	All other causes . . . . . (Residual)	1,021	10.4	10.1	...	All other causes . . . . . (Residual)	11,374	19.9	51.1
All races, male, 20–24 years					All races, male, 45–54 years				
...	All causes . . . . .	12,634	100.0	137.6	...	All causes . . . . .	95,659	100.0	546.7
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	5,416	42.9	59.0	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	25,489	26.6	145.7
2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	2,443	19.3	26.6	2	Malignant neoplasms . . . . . (C00–C97)	23,634	24.7	135.1
3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	1,979	15.7	21.6	3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	8,602	9.0	49.2
4	Malignant neoplasms . . . . . (C00–C97)	575	4.6	6.3	4	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	4,829	5.0	27.6
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	367	2.9	4.0	5	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	3,854	4.0	22.0
6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	123	1.0	1.3	6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	3,134	3.3	17.9
7	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	80	0.6	0.9	7	Cerebrovascular diseases . . . . . (I60–I69)	2,996	3.1	17.1
8	Chronic lower respiratory diseases . . . . . (J40–J47)	63	0.5	0.7	8	Diabetes mellitus . . . . . (E10–E14)	2,791	2.9	15.9
9	Cerebrovascular diseases . . . . . (I60–I69)	59	0.5	0.6	9	Chronic lower respiratory diseases . . . . . (J40–J47)	1,551	1.6	8.9
10	Influenza and pneumonia . . . . . (J10–J18)	56	0.4	0.6	10	Assault (homicide) . . . . . (X85–Y09,Y87.1)	1,229	1.3	7.0
...	All other causes . . . . . (Residual)	1,473	11.7	16.0	...	All other causes . . . . . (Residual)	17,550	18.3	100.3
All races, male, 25–34 years					All races, male, 55–64 years				
...	All causes . . . . .	28,276	100.0	150.2	...	All causes . . . . .	142,724	100.0	1,280.0
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	9,097	32.2	48.3	1	Malignant neoplasms . . . . . (C00–C97)	48,833	34.2	437.9
2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	4,194	14.8	22.3	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	43,662	30.6	391.6
3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	3,346	11.8	17.8	3	Chronic lower respiratory diseases . . . . . (J40–J47)	5,958	4.2	53.4
4	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	1,988	7.0	10.6	4	Cerebrovascular diseases . . . . . (I60–I69)	5,305	3.7	47.6
5	Malignant neoplasms . . . . . (C00–C97)	1,959	6.9	10.4	5	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	5,015	3.5	45.0
6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	1,914	6.8	10.2	6	Diabetes mellitus . . . . . (E10–E14)	4,856	3.4	43.5
7	Diabetes mellitus . . . . . (E10–E14)	319	1.1	1.7	7	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	3,943	2.8	35.4
8	Cerebrovascular diseases . . . . . (I60–I69)	299	1.1	1.6	8	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	2,255	1.6	20.2
9	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	257	0.9	1.4	9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	1,530	1.1	13.7
10	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	242	0.9	1.3	10	Influenza and pneumonia . . . . . (J10–J18)	1,462	1.0	13.1
...	All other causes . . . . . (Residual)	4,661	16.5	24.8	...	All other causes . . . . . (Residual)	19,905	13.9	178.5

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
All races, male, 65 years and over					All races, male, 85 years and over				
...	All causes . . . . .	805,879	100.0	5,631.6	...	All causes . . . . .	209,989	100.0	16,931.3
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	269,606	33.5	1,884.0	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	78,300	37.3	6,313.3
2	Malignant neoplasms . . . . . (C00–C97)	202,088	25.1	1,412.2	2	Malignant neoplasms . . . . . (C00–C97)	32,484	15.5	2,619.2
3	Cerebrovascular diseases . . . . . (I60–I69)	54,360	6.7	379.9	3	Cerebrovascular diseases . . . . . (I60–I69)	18,052	8.6	1,455.5
4	Chronic lower respiratory diseases . . . . . (J40–J47)	54,076	6.7	377.9	4	Chronic lower respiratory diseases . . . . . (J40–J47)	11,894	5.7	959.0
5	Influenza and pneumonia . . . . . (J10–J18)	24,027	3.0	167.9	5	Influenza and pneumonia . . . . . (J10–J18)	10,676	5.1	860.8
6	Diabetes mellitus . . . . . (E10–E14)	21,943	2.7	153.3	6	Alzheimer's disease . . . . . (G30)	5,796	2.8	467.3
7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	15,844	2.0	110.7	7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	4,480	2.1	361.2
8	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	13,963	1.7	97.6	8	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	4,428	2.1	357.0
9	Alzheimer's disease . . . . . (G30)	13,137	1.6	91.8	9	Diabetes mellitus . . . . . (E10–E14)	4,125	2.0	332.6
10	Septicemia . . . . . (A40–A41)	10,131	1.3	70.8	10	Pneumonitis due to solids and liquids . (J69)	3,083	1.5	248.6
...	All other causes . . . . . (Residual)	126,704	15.7	885.4	...	All other causes . . . . . (Residual)	36,671	17.5	2,956.8
All races, male, 65–74 years					All races, female, all ages <sup>3</sup>				
...	All causes . . . . .	254,920	100.0	3,109.3	...	All causes . . . . .	1,215,939	100.0	872.2
1	Malignant neoplasms . . . . . (C00–C97)	84,544	33.2	1,031.2	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	373,575	30.7	268.0
2	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	78,836	30.9	961.6	2	Malignant neoplasms . . . . . (C00–C97)	264,006	21.7	189.4
3	Chronic lower respiratory diseases . . . . . (J40–J47)	17,477	6.9	213.2	3	Cerebrovascular diseases . . . . . (I60–I69)	102,881	8.5	73.8
4	Cerebrovascular diseases . . . . . (I60–I69)	12,220	4.8	149.0	4	Chronic lower respiratory diseases . . . . . (J40–J47)	61,766	5.1	44.3
5	Diabetes mellitus . . . . . (E10–E14)	8,279	3.2	101.0	5	Diabetes mellitus . . . . . (E10–E14)	37,249	3.1	26.7
6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	4,992	2.0	60.9	6	Influenza and pneumonia . . . . . (J10–J18)	36,012	3.0	25.8
7	Influenza and pneumonia . . . . . (J10–J18)	3,893	1.5	47.5	7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	34,325	2.8	24.6
8	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	3,504	1.4	42.7	8	Alzheimer's disease . . . . . (G30)	31,145	2.6	22.3
9	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	3,454	1.4	42.1	9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	18,509	1.5	13.3
10	Septicemia . . . . . (A40–A41)	2,919	1.1	35.6	10	Septicemia . . . . . (A40–A41)	17,285	1.4	12.4
...	All other causes . . . . . (Residual)	34,802	13.7	424.5	...	All other causes . . . . . (Residual)	239,186	19.7	171.6
All races, male, 75–84 years					All races, female, 1–4 years				
...	All causes . . . . .	340,970	100.0	6,999.8	...	All causes . . . . .	2,274	100.0	30.8
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	112,470	33.0	2,308.9	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	771	33.9	10.4
2	Malignant neoplasms . . . . . (C00–C97)	85,060	24.9	1,746.2	2	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	239	10.5	3.2
3	Chronic lower respiratory diseases . . . . . (J40–J47)	24,705	7.2	507.2	3	Malignant neoplasms . . . . . (C00–C97)	191	8.4	2.6
4	Cerebrovascular diseases . . . . . (I60–I69)	24,088	7.1	494.5	4	Assault (homicide). . . . . (X85–Y09,Y87.1)	182	8.0	2.5
5	Diabetes mellitus . . . . . (E10–E14)	9,539	2.8	195.8	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	79	3.5	1.1
6	Influenza and pneumonia . . . . . (J10–J18)	9,458	2.8	194.2	6	Influenza and pneumonia . . . . . (J10–J18)	64	2.8	0.9
7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	6,372	1.9	130.8	7	Septicemia . . . . . (A40–A41)	39	1.7	0.5
8	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	6,031	1.8	123.8	8	Certain conditions originating in the perinatal period. . . . . (P00–P96)	36	1.6	0.5
9	Alzheimer's disease . . . . . (G30)	5,904	1.7	121.2	9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	30	1.3	0.4
10	Septicemia . . . . . (A40–A41)	4,426	1.3	90.9	10	Cerebrovascular diseases . . . . . (I60–I69)	24	1.1	0.3
...	All other causes . . . . . (Residual)	52,917	15.5	1,086.3	10	Chronic lower respiratory diseases . . . . . (J40–J47)	24	1.1	0.3
...					...	All other causes . . . . . (Residual)	595	26.2	8.0

See footnotes at end of table.



**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
All races, female, 5–9 years					All races, female, 20–24 years				
...	All causes . . . . .	1,510	100.0	15.5	...	All causes . . . . .	4,244	100.0	48.0
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	562	37.2	5.8	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,552	36.6	17.6
2	Malignant neoplasms . . . . . (C00–C97)	230	15.2	2.4	2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	462	10.9	5.2
3	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	105	7.0	1.1	3	Malignant neoplasms . . . . . (C00–C97)	404	9.5	4.6
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	91	6.0	0.9	4	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	307	7.2	3.5
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	50	3.3	0.5	5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	239	5.6	2.7
6	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	34	2.3	0.3	6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	89	2.1	1.0
7	Septicemia . . . . . (A40–A41)	25	1.7	0.3	7	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	87	2.0	1.0
8	Chronic lower respiratory diseases . . . . . (J40–J47)	20	1.3	0.2	8	Pregnancy, childbirth and the puerperium . . . . . (O00–O99)	64	1.5	0.7
9	Influenza and pneumonia . . . . . (J10–J18)	19	1.3	*	9	Cerebrovascular diseases . . . . . (I60–I69)	56	1.3	0.6
10	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	18	1.2	*	10	Influenza and pneumonia . . . . . (J10–J18)	50	1.2	0.6
...	All other causes . . . . . (Residual)	356	23.6	3.7	...	All other causes . . . . . (Residual)	934	22.0	10.6
All races, female, 10–14 years					All races, female, 25–34 years				
...	All causes . . . . .	1,593	100.0	16.7	...	All causes . . . . .	12,790	100.0	66.9
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	555	34.8	5.8	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	2,793	21.8	14.6
2	Malignant neoplasms . . . . . (C00–C97)	227	14.2	2.4	2	Malignant neoplasms . . . . . (C00–C97)	2,046	16.0	10.7
3	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	108	6.8	1.1	3	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	1,078	8.4	5.6
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	91	5.7	1.0	4	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	912	7.1	4.8
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	70	4.4	0.7	5	Assault (homicide) . . . . . (X85–Y09,Y87.1)	885	6.9	4.6
6	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	50	3.1	0.5	6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	815	6.4	4.3
7	Chronic lower respiratory diseases . . . . . (J40–J47)	26	1.6	0.3	7	Cerebrovascular diseases . . . . . (I60–I69)	281	2.2	1.5
8	Cerebrovascular diseases . . . . . (I60–I69)	22	1.4	0.2	8	Diabetes mellitus . . . . . (E10–E14)	263	2.1	1.4
9	Influenza and pneumonia . . . . . (J10–J18)	21	1.3	0.2	9	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	223	1.7	1.2
10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	18	1.1	*	10	Pregnancy, childbirth and the puerperium . . . . . (O00–O99)	181	1.4	0.9
...	All other causes . . . . . (Residual)	405	25.4	4.2	...	All other causes . . . . . (Residual)	3,313	25.9	17.3
All races, female, 15–19 years					All races, female, 35–44 years				
...	All causes . . . . .	3,998	100.0	41.7	...	All causes . . . . .	32,138	100.0	142.5
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	2,064	51.6	21.5	1	Malignant neoplasms . . . . . (C00–C97)	9,261	28.8	41.1
2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	345	8.6	3.6	2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	3,983	12.4	17.7
3	Malignant neoplasms . . . . . (C00–C97)	297	7.4	3.1	3	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	3,960	12.3	17.6
4	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	268	6.7	2.8	4	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	1,526	4.7	6.8
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	166	4.2	1.7	5	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	1,447	4.5	6.4
6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	83	2.1	0.9	6	Cerebrovascular diseases . . . . . (I60–I69)	1,266	3.9	5.6
7	Chronic lower respiratory diseases . . . . . (J40–J47)	47	1.2	0.5	7	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	988	3.1	4.4
8	Influenza and pneumonia . . . . . (J10–J18)	39	1.0	0.4	8	Assault (homicide) . . . . . (X85–Y09,Y87.1)	899	2.8	4.0
9	Pregnancy, childbirth and the puerperium . . . . . (O00–O99)	33	0.8	0.3	9	Diabetes mellitus . . . . . (E10–E14)	803	2.5	3.6
10	Cerebrovascular diseases . . . . . (I60–I69)	31	0.8	0.3	10	Chronic lower respiratory diseases . . . . . (J40–J47)	480	1.5	2.1
...	All other causes . . . . . (Residual)	625	15.6	6.5	...	All other causes . . . . . (Residual)	7,525	23.4	33.4

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
All races, female, 45–54 years					All races, female, 65–74 years				
...	All causes . . . . .	57,315	100.0	313.1	...	All causes . . . . .	197,680	100.0	1,972.9
1	Malignant neoplasms . . . . . (C00–C97)	23,047	40.2	125.9	1	Malignant neoplasms . . . . . (C00–C97)	67,794	34.3	676.6
2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	9,505	16.6	51.9	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	50,417	25.5	503.2
3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	3,037	5.3	16.6	3	Chronic lower respiratory diseases . . . . . (J40–J47)	15,167	7.7	151.4
4	Cerebrovascular diseases . . . . . (I60–I69)	2,567	4.5	14.0	4	Cerebrovascular diseases . . . . . (I60–I69)	11,872	6.0	118.5
5	Diabetes mellitus . . . . . (E10–E14)	1,944	3.4	10.6	5	Diabetes mellitus . . . . . (E10–E14)	8,629	4.4	86.1
6	Chronic lower respiratory diseases . . . . . (J40–J47)	1,559	2.7	8.5	6	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	3,337	1.7	33.3
7	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	1,539	2.7	8.4	7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	3,216	1.6	32.1
8	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	1,227	2.1	6.7	8	Influenza and pneumonia . . . . . (J10–J18)	2,968	1.5	29.6
9	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	773	1.3	4.2	9	Septicemia . . . . . (A40–A41)	2,831	1.4	28.3
10	Septicemia . . . . . (A40–A41)	766	1.3	4.2	10	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	2,188	1.1	21.8
...	All other causes . . . . . (Residual)	11,351	19.8	62.0	...	All other causes . . . . . (Residual)	29,261	14.8	292.0
All races, female, 55–64 years					All races, female, 75–84 years				
...	All causes . . . . .	96,255	100.0	786.5	...	All causes . . . . .	357,620	100.0	4,915.4
1	Malignant neoplasms . . . . . (C00–C97)	40,234	41.8	328.7	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	113,682	31.8	1,562.5
2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	20,505	21.3	167.5	2	Malignant neoplasms . . . . . (C00–C97)	77,710	21.7	1,068.1
3	Chronic lower respiratory diseases . . . . . (J40–J47)	5,339	5.5	43.6	3	Cerebrovascular diseases . . . . . (I60–I69)	33,339	9.3	458.2
4	Cerebrovascular diseases . . . . . (I60–I69)	4,347	4.5	35.5	4	Chronic lower respiratory diseases . . . . . (J40–J47)	23,930	6.7	328.9
5	Diabetes mellitus . . . . . (E10–E14)	4,241	4.4	34.7	5	Diabetes mellitus . . . . . (E10–E14)	12,218	3.4	167.9
6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	2,270	2.4	18.5	6	Alzheimer's disease . . . . . (G30)	9,932	2.8	136.5
7	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	1,694	1.8	13.8	7	Influenza and pneumonia . . . . . (J10–J18)	9,734	2.7	133.8
8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	1,334	1.4	10.9	8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	5,910	1.7	81.2
9	Septicemia . . . . . (A40–A41)	1,302	1.4	10.6	9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	5,896	1.6	81.0
10	Influenza and pneumonia . . . . . (J10–J18)	1,163	1.2	9.5	10	Septicemia . . . . . (A40–A41)	5,284	1.5	72.6
...	All other causes . . . . . (Residual)	13,826	14.4	113.0	...	All other causes . . . . . (Residual)	59,985	16.8	824.5
All races, female, 65 years and over					All races, female, 85 years and over				
...	All causes . . . . .	991,452	100.0	4,900.9	...	All causes . . . . .	436,152	100.0	14,861.2
1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	337,659	34.1	1,669.1	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	173,560	39.8	5,913.8
2	Malignant neoplasms . . . . . (C00–C97)	188,034	19.0	929.5	2	Cerebrovascular diseases . . . . . (I60–I69)	49,028	11.2	1,670.6
3	Cerebrovascular diseases . . . . . (I60–I69)	94,239	9.5	465.8	3	Malignant neoplasms . . . . . (C00–C97)	42,530	9.8	1,449.1
4	Chronic lower respiratory diseases . . . . . (J40–J47)	54,036	5.5	267.1	4	Influenza and pneumonia . . . . . (J10–J18)	20,553	4.7	700.3
5	Influenza and pneumonia . . . . . (J10–J18)	33,255	3.4	164.4	5	Alzheimer's disease . . . . . (G30)	19,184	4.4	653.7
6	Alzheimer's disease . . . . . (G30)	30,883	3.1	152.7	6	Chronic lower respiratory diseases . . . . . (J40–J47)	14,939	3.4	509.0
7	Diabetes mellitus . . . . . (E10–E14)	29,900	3.0	147.8	7	Diabetes mellitus . . . . . (E10–E14)	9,053	2.1	308.5
8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	16,375	1.7	80.9	8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	7,249	1.7	247.0
9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	15,975	1.6	79.0	9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	6,742	1.5	229.7
10	Septicemia . . . . . (A40–A41)	14,495	1.5	71.7	10	Septicemia . . . . . (A40–A41)	6,380	1.5	217.4
...	All other causes . . . . . (Residual)	176,601	17.8	873.0	...	All other causes . . . . . (Residual)	86,934	19.9	2,962.1

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
White, both sexes, all ages <sup>3</sup>					White, both sexes, 10–14 years				
...	All causes . . . . .	2,061,348	100.0	917.7	...	All causes . . . . .	3,043	100.0	19.8
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	635,118	30.8	282.8	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,259	41.4	8.2
2	Malignant neoplasms . . . . . (C00–C97)	477,238	23.2	212.5	2	Malignant neoplasms . . . . . (C00–C97)	383	12.6	2.5
3	Cerebrovascular diseases . . . . . (I60–I69)	144,827	7.0	64.5	3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	204	6.7	1.3
4	Chronic lower respiratory diseases . . . . . (J40–J47)	114,735	5.6	51.1	4	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	157	5.2	1.0
5	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	82,245	4.0	36.6	5	Assault (homicide) . . . . . (X85–Y09,Y87.1)	155	5.1	1.0
6	Influenza and pneumonia . . . . . (J10–J18)	56,694	2.8	25.2	6	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	110	3.6	0.7
7	Diabetes mellitus . . . . . (E10–E14)	54,599	2.6	24.3	7	Chronic lower respiratory diseases . . . . . (J40–J47)	42	1.4	0.3
8	Alzheimer's disease . . . . . (G30)	41,877	2.0	18.6	8	Influenza and pneumonia . . . . . (J10–J18)	36	1.2	0.2
9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	28,041	1.4	12.5	9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	32	1.1	0.2
10	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	26,300	1.3	11.7	10	Cerebrovascular diseases . . . . . (I60–I69)	26	0.9	0.2
...	All other causes . . . . . (Residual)	399,674	19.4	177.9	...	All other causes . . . . . (Residual)	639	21.0	4.2
White, both sexes, 1–4 years					White, both sexes, 15–19 years				
...	All causes . . . . .	3,690	100.0	30.7	...	All causes . . . . .	10,355	100.0	66.2
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,374	37.2	11.4	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	5,647	54.5	36.1
2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	385	10.4	3.2	2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	1,344	13.0	8.6
3	Malignant neoplasms . . . . . (C00–C97)	353	9.6	2.9	3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	884	8.5	5.6
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	208	5.6	1.7	4	Malignant neoplasms . . . . . (C00–C97)	568	5.5	3.6
5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	124	3.4	1.0	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	321	3.1	2.1
6	Influenza and pneumonia . . . . . (J10–J18)	75	2.0	0.6	6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	170	1.6	1.1
7	Septicemia . . . . . (A40–A41)	60	1.6	0.5	7	Chronic lower respiratory diseases . . . . . (J40–J47)	68	0.7	0.4
8	Certain conditions originating in the perinatal period . . . . . (P00–P96)	56	1.5	0.5	8	Influenza and pneumonia . . . . . (J10–J18)	54	0.5	0.3
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	48	1.3	0.4	9	Cerebrovascular diseases . . . . . (I60–I69)	46	0.4	0.3
10	Cerebrovascular diseases . . . . . (I60–I69)	34	0.9	0.3	10	Diabetes mellitus . . . . . (E10–E14)	38	0.4	0.2
...	All other causes . . . . . (Residual)	973	26.4	8.1	...	All other causes . . . . . (Residual)	1,215	11.7	7.8
White, both sexes, 5–9 years					White, both sexes, 20–24 years				
...	All causes . . . . .	2,450	100.0	15.6	...	All causes . . . . .	11,997	100.0	83.5
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,011	41.3	6.4	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	5,717	47.7	39.8
2	Malignant neoplasms . . . . . (C00–C97)	397	16.2	2.5	2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	1,875	15.6	13.1
3	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	144	5.9	0.9	3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	1,180	9.8	8.2
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	106	4.3	0.7	4	Malignant neoplasms . . . . . (C00–C97)	759	6.3	5.3
5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	83	3.4	0.5	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	379	3.2	2.6
6	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	52	2.1	0.3	6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	162	1.4	1.1
7	Influenza and pneumonia . . . . . (J10–J18)	36	1.5	0.2	7	Cerebrovascular diseases . . . . . (I60–I69)	89	0.7	0.6
8	Septicemia . . . . . (A40–A41)	35	1.4	0.2	8	Diabetes mellitus . . . . . (E10–E14)	69	0.6	0.5
9	Chronic lower respiratory diseases . . . . . (J40–J47)	29	1.2	0.2	9	Influenza and pneumonia . . . . . (J10–J18)	67	0.6	0.5
10	Cerebrovascular diseases . . . . . (I60–I69)	23	0.9	0.1	10	Chronic lower respiratory diseases . . . . . (J40–J47)	57	0.5	0.4
...	All other causes . . . . . (Residual)	534	21.8	3.4	...	All other causes . . . . . (Residual)	1,643	13.7	11.4

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup> Rate <sup>2</sup>		Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup> Rate <sup>2</sup>	
White, both sexes, 25–34 years					White, both sexes, 55–64 years				
...	All causes . . . . .	29,400	100.0	96.6	...	All causes . . . . .	193,582	100.0	961.5
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	9,661	32.9	31.7	1	Malignant neoplasms . . . . . (C00–C97)	74,568	38.5	370.4
2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	4,346	14.8	14.3	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	51,274	26.5	254.7
3	Malignant neoplasms . . . . . (C00–C97)	3,147	10.7	10.3	3	Chronic lower respiratory diseases . . . . . (J40–J47)	10,056	5.2	49.9
4	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	2,048	7.0	6.7	4	Cerebrovascular diseases . . . . . (I60–I69)	6,940	3.6	34.5
5	Assault (homicide) . . . . . (X85–Y09,Y87.1)	1,926	6.6	6.3	5	Diabetes mellitus . . . . . (E10–E14)	6,609	3.4	32.8
6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	1,202	4.1	3.9	6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	5,962	3.1	29.6
7	Diabetes mellitus . . . . . (E10–E14)	409	1.4	1.3	7	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	4,760	2.5	23.6
8	Cerebrovascular diseases . . . . . (I60–I69)	402	1.4	1.3	8	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	2,698	1.4	13.4
9	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	386	1.3	1.3	9	Influenza and pneumonia . . . . . (J10–J18)	2,059	1.1	10.2
10	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	323	1.1	1.1	10	Septicemia . . . . . (A40–A41)	1,928	1.0	9.6
...	All other causes . . . . . (Residual)	5,550	18.9	18.2	...	All other causes . . . . . (Residual)	26,728	13.8	132.8
White, both sexes, 35–44 years					White, both sexes, 65 years and over				
...	All causes . . . . .	65,607	100.0	177.6	...	All causes . . . . .	1,605,875	100.0	5,231.3
1	Malignant neoplasms . . . . . (C00–C97)	13,060	19.9	35.3	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	543,984	33.9	1,772.1
2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	12,500	19.1	33.8	2	Malignant neoplasms . . . . . (C00–C97)	346,454	21.6	1,128.6
3	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	9,718	14.8	26.3	3	Cerebrovascular diseases . . . . . (I60–I69)	131,942	8.2	429.8
4	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	5,860	8.9	15.9	4	Chronic lower respiratory diseases . . . . . (J40–J47)	101,151	6.3	329.5
5	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	2,951	4.5	8.0	5	Influenza and pneumonia . . . . . (J10–J18)	52,022	3.2	169.5
6	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	2,676	4.1	7.2	6	Diabetes mellitus . . . . . (E10–E14)	42,704	2.7	139.1
7	Assault (homicide) . . . . . (X85–Y09,Y87.1)	1,766	2.7	4.8	7	Alzheimer's disease . . . . . (G30)	41,405	2.6	134.9
8	Cerebrovascular diseases . . . . . (I60–I69)	1,646	2.5	4.5	8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	29,095	1.8	94.8
9	Diabetes mellitus . . . . . (E10–E14)	1,384	2.1	3.7	9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	24,651	1.5	80.3
10	Influenza and pneumonia . . . . . (J10–J18)	714	1.1	1.9	10	Septicemia . . . . . (A40–A41)	20,202	1.3	65.8
...	All other causes . . . . . (Residual)	13,332	20.3	36.1	...	All other causes . . . . . (Residual)	272,265	17.0	886.9
White, both sexes, 45–54 years					White, both sexes, 65–74 years				
...	All causes . . . . .	117,011	100.0	386.8	...	All causes . . . . .	387,437	100.0	2,427.8
1	Malignant neoplasms . . . . . (C00–C97)	37,489	32.0	123.9	1	Malignant neoplasms . . . . . (C00–C97)	132,703	34.3	831.5
2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	26,693	22.8	88.2	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	109,578	28.3	686.6
3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	9,368	8.0	31.0	3	Chronic lower respiratory diseases . . . . . (J40–J47)	30,111	7.8	188.7
4	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	5,230	4.5	17.3	4	Cerebrovascular diseases . . . . . (I60–I69)	19,577	5.1	122.7
5	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	4,720	4.0	15.6	5	Diabetes mellitus . . . . . (E10–E14)	13,230	3.4	82.9
6	Cerebrovascular diseases . . . . . (I60–I69)	3,609	3.1	11.9	6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	7,027	1.8	44.0
7	Diabetes mellitus . . . . . (E10–E14)	3,355	2.9	11.1	7	Influenza and pneumonia . . . . . (J10–J18)	5,832	1.5	36.5
8	Chronic lower respiratory diseases . . . . . (J40–J47)	2,498	2.1	8.3	8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	5,087	1.3	31.9
9	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	1,765	1.5	5.8	9	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	5,073	1.3	31.8
10	Influenza and pneumonia . . . . . (J10–J18)	1,223	1.0	4.0	10	Septicemia . . . . . (A40–A41)	4,411	1.1	27.6
...	All other causes . . . . . (Residual)	21,061	18.0	69.6	...	All other causes . . . . . (Residual)	54,808	14.1	343.4

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
White, both sexes, 75–84 years					White, male, 1–4 years				
...	All causes . . . . .	626,489	100.0	5,713.2	...	All causes . . . . .	2,084	100.0	33.9
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	202,692	32.4	1,848.4	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	811	38.9	13.2
2	Malignant neoplasms . . . . . (C00–C97)	146,009	23.3	1,331.5	2	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	218	10.5	3.5
3	Cerebrovascular diseases . . . . . (I60–I69)	50,917	8.1	464.3	3	Malignant neoplasms . . . . . (C00–C97)	194	9.3	3.2
4	Chronic lower respiratory diseases. . . . . (J40–J47)	45,698	7.3	416.7	4	Assault (homicide). . . . . (X85–Y09,Y87.1)	108	5.2	1.8
5	Diabetes mellitus . . . . . (E10–E14)	18,217	2.9	166.1	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	74	3.6	1.2
6	Influenza and pneumonia . . . . . (J10–J18)	17,405	2.8	158.7	6	Influenza and pneumonia . . . . . (J10–J18)	33	1.6	0.5
7	Alzheimer's disease. . . . . (G30)	14,833	2.4	135.3	7	Septicemia . . . . . (A40–A41)	32	1.5	0.5
8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	11,130	1.8	101.5	8	Certain conditions originating in the perinatal period. . . . . (P00–P96)	30	1.4	0.5
9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	9,934	1.6	90.6	9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	22	1.1	0.4
10	Septicemia . . . . . (A40–A41)	8,035	1.3	73.3	10	Meningitis. . . . . (G00,G03)	20	1.0	0.3
...	All other causes . . . . . (Residual)	101,619	16.2	926.7	...	All other causes . . . . . (Residual)	542	26.0	8.8
White, both sexes, 85 years and over					White, male, 5–9 years				
...	All causes . . . . .	591,949	100.0	15,688.0	...	All causes . . . . .	1,376	100.0	17.1
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	231,714	39.1	6,140.9	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	611	44.4	7.6
2	Malignant neoplasms . . . . . (C00–C97)	67,742	11.4	1,795.3	2	Malignant neoplasms . . . . . (C00–C97)	224	16.3	2.8
3	Cerebrovascular diseases . . . . . (I60–I69)	61,448	10.4	1,628.5	3	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	69	5.0	0.9
4	Influenza and pneumonia . . . . . (J10–J18)	28,785	4.9	762.9	4	Assault (homicide). . . . . (X85–Y09,Y87.1)	55	4.0	0.7
5	Chronic lower respiratory diseases. . . . . (J40–J47)	25,342	4.3	671.6	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	47	3.4	0.6
6	Alzheimer's disease. . . . . (G30)	23,646	4.0	626.7	6	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	24	1.7	0.3
7	Diabetes mellitus . . . . . (E10–E14)	11,257	1.9	298.3	7	Influenza and pneumonia . . . . . (J10–J18)	21	1.5	0.3
8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	10,938	1.8	289.9	8	Septicemia . . . . . (A40–A41)	18	1.3	*
9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	9,630	1.6	255.2	9	Cerebrovascular diseases . . . . . (I60–I69)	16	1.2	*
10	Atherosclerosis. . . . . (I70)	7,823	1.3	207.3	10	Chronic lower respiratory diseases. . . . . (J40–J47)	15	1.1	*
...	All other causes . . . . . (Residual)	113,624	19.2	3,011.3	...	All other causes . . . . . (Residual)	276	20.1	3.4
White, male, all ages <sup>3</sup>					White, male, 10–14 years				
...	All causes . . . . .	1,005,335	100.0	911.2	...	All causes . . . . .	1,852	100.0	23.5
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	307,585	30.6	278.8	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	823	44.4	10.4
2	Malignant neoplasms . . . . . (C00–C97)	247,396	24.6	224.2	2	Malignant neoplasms . . . . . (C00–C97)	210	11.3	2.7
3	Chronic lower respiratory diseases. . . . . (J40–J47)	57,000	5.7	51.7	3	Intentional self-harm (suicide). . . . . (X60–X84,Y87.0)	162	8.7	2.1
4	Cerebrovascular diseases . . . . . (I60–I69)	54,867	5.5	49.7	4	Assault (homicide). . . . . (X85–Y09,Y87.1)	93	5.0	1.2
5	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	52,898	5.3	47.9	5	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	79	4.3	1.0
6	Diabetes mellitus . . . . . (E10–E14)	25,545	2.5	23.2	6	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	61	3.3	0.8
7	Influenza and pneumonia . . . . . (J10–J18)	24,281	2.4	22.0	7	Chronic lower respiratory diseases. . . . . (J40–J47)	30	1.6	0.4
8	Intentional self-harm (suicide). . . . . (X60–X84,Y87.0)	21,107	2.1	19.1	8	Influenza and pneumonia . . . . . (J10–J18)	21	1.1	0.3
9	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	14,790	1.5	13.4	9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	16	0.9	*
10	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	13,632	1.4	12.4	10	Cerebrovascular diseases . . . . . (I60–I69)	11	0.6	*
...	All other causes . . . . . (Residual)	186,234	18.5	168.8	...	All other causes . . . . . (Residual)	346	18.7	4.4

See footnotes at end of table.



**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
White, male, 15–19 years					White, male, 35–44 years				
...	All causes . . . . .	7,222	100.0	89.5	...	All causes . . . . .	42,914	100.0	231.5
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	3,862	53.5	47.9	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	9,288	21.6	50.1
2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	1,122	15.5	13.9	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	7,185	16.7	38.8
3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	704	9.7	8.7	3	Malignant neoplasms . . . . . (C00–C97)	5,934	13.8	32.0
4	Malignant neoplasms . . . . . (C00–C97)	335	4.6	4.2	4	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	4,535	10.6	24.5
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	198	2.7	2.5	5	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	2,449	5.7	13.2
6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	109	1.5	1.4	6	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	1,906	4.4	10.3
7	Chronic lower respiratory diseases . . . . . (J40–J47)	36	0.5	0.4	7	Assault (homicide) . . . . . (X85–Y09,Y87.1)	1,240	2.9	6.7
8	Cerebrovascular diseases . . . . . (I60–I69)	28	0.4	0.3	8	Cerebrovascular diseases . . . . . (I60–I69)	856	2.0	4.6
9	Influenza and pneumonia . . . . . (J10–J18)	26	0.4	0.3	9	Diabetes mellitus . . . . . (E10–E14)	829	1.9	4.5
10	Diabetes mellitus . . . . . (E10–E14)	21	0.3	0.3	10	Viral hepatitis . . . . . (B15–B19)	419	1.0	2.3
...	All other causes . . . . . (Residual)	781	10.8	9.7	...	All other causes . . . . . (Residual)	8,273	19.3	44.6
White, male, 20–24 years					White, male, 45–54 years				
...	All causes . . . . .	8,981	100.0	121.8	...	All causes . . . . .	73,908	100.0	494.2
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	4,465	49.7	60.6	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	20,144	27.3	134.7
2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	1,629	18.1	22.1	2	Malignant neoplasms . . . . . (C00–C97)	18,839	25.5	126.0
3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	918	10.2	12.5	3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	6,919	9.4	46.3
4	Malignant neoplasms . . . . . (C00–C97)	449	5.0	6.1	4	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	4,021	5.4	26.9
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	231	2.6	3.1	5	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	3,573	4.8	23.9
6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	95	1.1	1.3	6	Diabetes mellitus . . . . . (E10–E14)	2,055	2.8	13.7
7	Cerebrovascular diseases . . . . . (I60–I69)	44	0.5	0.6	7	Cerebrovascular diseases . . . . . (I60–I69)	1,949	2.6	13.0
8	Diabetes mellitus . . . . . (E10–E14)	38	0.4	0.5	8	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	1,510	2.0	10.1
9	Influenza and pneumonia . . . . . (J10–J18)	36	0.4	0.5	9	Chronic lower respiratory diseases . . . . . (J40–J47)	1,237	1.7	8.3
10	Septicemia . . . . . (A40–A41)	35	0.4	0.5	10	Viral hepatitis . . . . . (B15–B19)	872	1.2	5.8
...	All other causes . . . . . (Residual)	1,041	11.6	14.1	...	All other causes . . . . . (Residual)	12,789	17.3	85.5
White, male, 25–34 years					White, male, 55–64 years				
...	All causes . . . . .	20,549	100.0	134.5	...	All causes . . . . .	116,537	100.0	1,200.2
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	7,442	36.2	48.7	1	Malignant neoplasms . . . . . (C00–C97)	40,768	35.0	419.9
2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	3,567	17.4	23.4	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	35,695	30.6	367.6
3	Malignant neoplasms . . . . . (C00–C97)	1,561	7.6	10.2	3	Chronic lower respiratory diseases . . . . . (J40–J47)	5,247	4.5	54.0
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	1,445	7.0	9.5	4	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	4,100	3.5	42.2
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	1,376	6.7	9.0	5	Cerebrovascular diseases . . . . . (I60–I69)	3,843	3.3	39.6
6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	956	4.7	6.3	6	Diabetes mellitus . . . . . (E10–E14)	3,684	3.2	37.9
7	Diabetes mellitus . . . . . (E10–E14)	226	1.1	1.5	7	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	3,372	2.9	34.7
8	Cerebrovascular diseases . . . . . (I60–I69)	213	1.0	1.4	8	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	2,099	1.8	21.6
8	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	213	1.0	1.4	9	Influenza and pneumonia . . . . . (J10–J18)	1,137	1.0	11.7
10	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	202	1.0	1.3	10	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	1,043	0.9	10.7
...	All other causes . . . . . (Residual)	3,348	16.3	21.9	...	All other causes . . . . . (Residual)	15,549	13.3	160.1

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
White, male, 65 years and over					White, male, 85 years and over				
...	All causes . . . . .	719,502	100.0	5,633.5	...	All causes . . . . .	191,610	100.0	17,202.1
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	242,366	33.7	1,897.7	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	71,980	37.6	6,462.1
2	Malignant neoplasms . . . . . (C00–C97)	178,847	24.9	1,400.3	2	Malignant neoplasms . . . . . (C00–C97)	29,102	15.2	2,612.7
3	Chronic lower respiratory diseases . . . . . (J40–J47)	50,028	7.0	391.7	3	Cerebrovascular diseases . . . . . (I60–I69)	16,435	8.6	1,475.5
4	Cerebrovascular diseases . . . . . (I60–I69)	47,848	6.7	374.6	4	Chronic lower respiratory diseases . . . . . (J40–J47)	11,111	5.8	997.5
5	Influenza and pneumonia . . . . . (J10–J18)	21,629	3.0	169.3	5	Influenza and pneumonia . . . . . (J10–J18)	9,775	5.1	877.6
6	Diabetes mellitus . . . . . (E10–E14)	18,678	2.6	146.2	6	Alzheimer's disease . . . . . (G30)	5,471	2.9	491.2
7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	14,165	2.0	110.9	7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	4,140	2.2	371.7
8	Alzheimer's disease . . . . . (G30)	12,351	1.7	96.7	8	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	3,894	2.0	349.6
9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	11,724	1.6	91.8	9	Diabetes mellitus . . . . . (E10–E14)	3,598	1.9	323.0
10	Septicemia . . . . . (A40–A41)	8,288	1.2	64.9	10	Pneumonitis due to solids and liquids . . . . . (J69)	2,845	1.5	255.4
...	All other causes . . . . . (Residual)	113,578	15.8	889.3	...	All other causes . . . . . (Residual)	33,259	17.4	2,985.9
White, male, 65–74 years					White, female, all ages <sup>3</sup>				
...	All causes . . . . .	220,442	100.0	3,043.2	...	All causes . . . . .	1,056,013	100.0	924.1
1	Malignant neoplasms . . . . . (C00–C97)	73,679	33.4	1,017.1	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	327,533	31.0	286.6
2	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	68,247	31.0	942.1	2	Malignant neoplasms . . . . . (C00–C97)	229,842	21.8	201.1
3	Chronic lower respiratory diseases . . . . . (J40–J47)	15,973	7.2	220.5	3	Cerebrovascular diseases . . . . . (I60–I69)	89,960	8.5	78.7
4	Cerebrovascular diseases . . . . . (I60–I69)	10,000	4.5	138.0	4	Chronic lower respiratory diseases . . . . . (J40–J47)	57,735	5.5	50.5
5	Diabetes mellitus . . . . . (E10–E14)	6,787	3.1	93.7	5	Influenza and pneumonia . . . . . (J10–J18)	32,413	3.1	28.4
6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	4,267	1.9	58.9	6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	29,347	2.8	25.7
7	Influenza and pneumonia . . . . . (J10–J18)	3,288	1.5	45.4	7	Alzheimer's disease . . . . . (G30)	29,292	2.8	25.6
8	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	3,114	1.4	43.0	8	Diabetes mellitus . . . . . (E10–E14)	29,054	2.8	25.4
9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	2,711	1.2	37.4	9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	14,409	1.4	12.6
10	Aortic aneurysm and dissection . . . . . (I71)	2,525	1.1	34.9	10	Septicemia . . . . . (A40–A41)	13,798	1.3	12.1
...	All other causes . . . . . (Residual)	29,851	13.5	412.1	...	All other causes . . . . . (Residual)	202,630	19.2	177.3
White, male, 75–84 years					White, female, 1–4 years				
...	All causes . . . . .	307,450	100.0	6,965.1	...	All causes . . . . .	1,606	100.0	27.4
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	102,139	33.2	2,313.9	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	563	35.1	9.6
2	Malignant neoplasms . . . . . (C00–C97)	76,066	24.7	1,723.2	2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	167	10.4	2.8
3	Chronic lower respiratory diseases . . . . . (J40–J47)	22,944	7.5	519.8	3	Malignant neoplasms . . . . . (C00–C97)	159	9.9	2.7
4	Cerebrovascular diseases . . . . . (I60–I69)	21,413	7.0	485.1	4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	100	6.2	1.7
5	Influenza and pneumonia . . . . . (J10–J18)	8,566	2.8	194.1	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	50	3.1	0.9
6	Diabetes mellitus . . . . . (E10–E14)	8,293	2.7	187.9	6	Influenza and pneumonia . . . . . (J10–J18)	42	2.6	0.7
7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	5,758	1.9	130.4	7	Septicemia . . . . . (A40–A41)	28	1.7	0.5
8	Alzheimer's disease . . . . . (G30)	5,564	1.8	126.0	8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	26	1.6	0.4
9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	5,119	1.7	116.0	8	Certain conditions originating in the perinatal period . . . . . (P00–P96)	26	1.6	0.4
10	Parkinson's disease . . . . . (G20–G21)	4,123	1.3	93.4	10	Cerebrovascular diseases . . . . . (I60–I69)	18	1.1	*
...	All other causes . . . . . (Residual)	47,465	15.4	1,075.3	...	All other causes . . . . . (Residual)	427	26.6	7.3

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
White, female, 5–9 years					White, female, 20–24 years				
...	All causes . . . . .	1,074	100.0	14.0	...	All causes . . . . .	3,016	100.0	43.1
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	400	37.2	5.2	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,252	41.5	17.9
2	Malignant neoplasms . . . . . (C00–C97)	173	16.1	2.3	2	Malignant neoplasms . . . . . (C00–C97)	310	10.3	4.4
3	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	75	7.0	1.0	3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	262	8.7	3.7
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	51	4.7	0.7	4	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	246	8.2	3.5
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	36	3.4	0.5	5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	148	4.9	2.1
6	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	28	2.6	0.4	6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	67	2.2	1.0
7	Septicemia . . . . . (A40–A41)	17	1.6	*	7	Cerebrovascular diseases . . . . . (I60–I69)	45	1.5	0.6
8	Influenza and pneumonia . . . . . (J10–J18)	15	1.4	*	8	Diabetes mellitus . . . . . (E10–E14)	31	1.0	0.4
9	Chronic lower respiratory diseases . . . . . (J40–J47)	14	1.3	*	8	Influenza and pneumonia . . . . . (J10–J18)	31	1.0	0.4
10	Certain conditions originating in the perinatal period . . . . . (P00–P96)	9	0.8	*	8	Pregnancy, childbirth and the puerperium . . . . . (O00–O99)	31	1.0	0.4
...	All other causes . . . . . (Residual)	256	23.8	3.3	...	All other causes . . . . . (Residual)	593	19.7	8.5
White, female, 10–14 years					White, female, 25–34 years				
...	All causes . . . . .	1,191	100.0	15.9	...	All causes . . . . .	8,851	100.0	58.4
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	436	36.6	5.8	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	2,219	25.1	14.6
2	Malignant neoplasms . . . . . (C00–C97)	173	14.5	2.3	2	Malignant neoplasms . . . . . (C00–C97)	1,586	17.9	10.5
3	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	78	6.5	1.0	3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	779	8.8	5.1
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	62	5.2	0.8	4	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	672	7.6	4.4
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	49	4.1	0.7	5	Assault (homicide) . . . . . (X85–Y09,Y87.1)	481	5.4	3.2
6	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	42	3.5	0.6	6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	246	2.8	1.6
7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	16	1.3	*	7	Cerebrovascular diseases . . . . . (I60–I69)	189	2.1	1.2
8	Cerebrovascular diseases . . . . . (I60–I69)	15	1.3	*	8	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	184	2.1	1.2
8	Influenza and pneumonia . . . . . (J10–J18)	15	1.3	*	9	Diabetes mellitus . . . . . (E10–E14)	183	2.1	1.2
10	Chronic lower respiratory diseases . . . . . (J40–J47)	12	1.0	*	10	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	110	1.2	0.7
...	All other causes . . . . . (Residual)	293	24.6	3.9	...	All other causes . . . . . (Residual)	2,202	24.9	14.5
White, female, 15–19 years					White, female, 35–44 years				
...	All causes . . . . .	3,133	100.0	41.3	...	All causes . . . . .	22,693	100.0	123.3
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,785	57.0	23.6	1	Malignant neoplasms . . . . . (C00–C97)	7,126	31.4	38.7
2	Malignant neoplasms . . . . . (C00–C97)	233	7.4	3.1	2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	3,212	14.2	17.5
3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	222	7.1	2.9	3	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	2,533	11.2	13.8
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	180	5.7	2.4	4	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	1,325	5.8	7.2
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	123	3.9	1.6	5	Cerebrovascular diseases . . . . . (I60–I69)	790	3.5	4.3
6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	61	1.9	0.8	6	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	770	3.4	4.2
7	Chronic lower respiratory diseases . . . . . (J40–J47)	32	1.0	0.4	7	Diabetes mellitus . . . . . (E10–E14)	555	2.4	3.0
8	Influenza and pneumonia . . . . . (J10–J18)	28	0.9	0.4	8	Assault (homicide) . . . . . (X85–Y09,Y87.1)	526	2.3	2.9
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	20	0.6	0.3	9	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	502	2.2	2.7
10	Cerebrovascular diseases . . . . . (I60–I69)	18	0.6	*	10	Chronic lower respiratory diseases . . . . . (J40–J47)	337	1.5	1.8
...	All other causes . . . . . (Residual)	431	13.8	5.7	...	All other causes . . . . . (Residual)	5,017	22.1	27.3

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
White, female, 45–54 years					White, female, 65–74 years				
...	All causes . . . . .	43,103	100.0	281.8	...	All causes . . . . .	166,995	100.0	1,916.2
1	Malignant neoplasms . . . . . (C00–C97)	18,650	43.3	121.9	1	Malignant neoplasms . . . . . (C00–C97)	59,024	35.3	677.3
2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	6,549	15.2	42.8	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	41,331	24.7	474.3
3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	2,449	5.7	16.0	3	Chronic lower respiratory diseases . . . . . (J40–J47)	14,138	8.5	162.2
4	Cerebrovascular diseases . . . . . (I60–I69)	1,660	3.9	10.9	4	Cerebrovascular diseases . . . . . (I60–I69)	9,577	5.7	109.9
5	Diabetes mellitus . . . . . (E10–E14)	1,300	3.0	8.5	5	Diabetes mellitus . . . . . (E10–E14)	6,443	3.9	73.9
6	Chronic lower respiratory diseases . . . . . (J40–J47)	1,261	2.9	8.2	6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	2,760	1.7	31.7
7	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	1,209	2.8	7.9	7	Influenza and pneumonia . . . . . (J10–J18)	2,544	1.5	29.2
8	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	1,147	2.7	7.5	8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	2,376	1.4	27.3
9	Septicemia . . . . . (A40–A41)	500	1.2	3.3	9	Septicemia . . . . . (A40–A41)	2,164	1.3	24.8
10	Influenza and pneumonia . . . . . (J10–J18)	473	1.1	3.1	10	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	1,959	1.2	22.5
...	All other causes . . . . . (Residual)	7,905	18.3	51.7	...	All other causes . . . . . (Residual)	24,679	14.8	283.2
White, female, 55–64 years					White, female, 75–84 years				
...	All causes . . . . .	77,045	100.0	739.1	...	All causes . . . . .	319,039	100.0	4,869.7
1	Malignant neoplasms . . . . . (C00–C97)	33,800	43.9	324.3	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	100,553	31.5	1,534.8
2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	15,579	20.2	149.5	2	Malignant neoplasms . . . . . (C00–C97)	69,943	21.9	1,067.6
3	Chronic lower respiratory diseases . . . . . (J40–J47)	4,809	6.2	46.1	3	Cerebrovascular diseases . . . . . (I60–I69)	29,504	9.2	450.3
4	Cerebrovascular diseases . . . . . (I60–I69)	3,097	4.0	29.7	4	Chronic lower respiratory diseases . . . . . (J40–J47)	22,754	7.1	347.3
5	Diabetes mellitus . . . . . (E10–E14)	2,925	3.8	28.1	5	Diabetes mellitus . . . . . (E10–E14)	9,924	3.1	151.5
6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,862	2.4	17.9	6	Alzheimer's disease . . . . . (G30)	9,269	2.9	141.5
7	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	1,388	1.8	13.3	7	Influenza and pneumonia . . . . . (J10–J18)	8,839	2.8	134.9
8	Septicemia . . . . . (A40–A41)	945	1.2	9.1	8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	5,372	1.7	82.0
9	Influenza and pneumonia . . . . . (J10–J18)	922	1.2	8.8	9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	4,815	1.5	73.5
10	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	825	1.1	7.9	10	Septicemia . . . . . (A40–A41)	4,340	1.4	66.2
...	All other causes . . . . . (Residual)	10,893	14.1	104.5	...	All other causes . . . . . (Residual)	53,726	16.8	820.1
White, female, 65 years and over					White, female, 85 years and over				
...	All causes . . . . .	886,373	100.0	4,944.7	...	All causes . . . . .	400,339	100.0	15,053.8
1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	301,618	34.0	1,682.6	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	159,734	39.9	6,006.4
2	Malignant neoplasms . . . . . (C00–C97)	167,607	18.9	935.0	2	Cerebrovascular diseases . . . . . (I60–I69)	45,013	11.2	1,692.6
3	Cerebrovascular diseases . . . . . (I60–I69)	84,094	9.5	469.1	3	Malignant neoplasms . . . . . (C00–C97)	38,640	9.7	1,453.0
4	Chronic lower respiratory diseases . . . . . (J40–J47)	51,123	5.8	285.2	4	Influenza and pneumonia . . . . . (J10–J18)	19,010	4.7	714.8
5	Influenza and pneumonia . . . . . (J10–J18)	30,393	3.4	169.5	5	Alzheimer's disease . . . . . (G30)	18,175	4.5	683.4
6	Alzheimer's disease . . . . . (G30)	29,054	3.3	162.1	6	Chronic lower respiratory diseases . . . . . (J40–J47)	14,231	3.6	535.1
7	Diabetes mellitus . . . . . (E10–E14)	24,026	2.7	134.0	7	Diabetes mellitus . . . . . (E10–E14)	7,659	1.9	288.0
8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	14,930	1.7	83.3	8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	6,798	1.7	255.6
9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	12,927	1.5	72.1	9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	5,736	1.4	215.7
10	Septicemia . . . . . (A40–A41)	11,914	1.3	66.5	10	Atherosclerosis . . . . . (I70)	5,732	1.4	215.5
...	All other causes . . . . . (Residual)	158,687	17.9	885.2	...	All other causes . . . . . (Residual)	79,611	19.9	2,993.6

See footnotes at end of table.



**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Black, both sexes, all ages <sup>3</sup>					Black, both sexes, 10–14 years				
...	All causes . . . . .	285,064	100.0	817.7	...	All causes . . . . .	909	100.0	29.4
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	78,574	27.6	225.4	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	311	34.2	10.1
2	Malignant neoplasms . . . . . (C00–C97)	61,951	21.7	177.7	2	Malignant neoplasms . . . . . (C00–C97)	98	10.8	3.2
3	Cerebrovascular diseases . . . . . (I60–I69)	18,884	6.6	54.2	3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	80	8.8	2.6
4	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	12,728	4.5	36.5	4	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	56	6.2	1.8
5	Diabetes mellitus . . . . . (E10–E14)	11,927	4.2	34.2	5	Chronic lower respiratory diseases. . . . . (J40–J47)	48	5.3	1.6
6	Chronic lower respiratory diseases. . . . . (J40–J47)	7,915	2.8	22.7	6	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	45	5.0	1.5
7	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	7,893	2.8	22.6	7	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	29	3.2	0.9
8	Assault (homicide) . . . . . (X85–Y09,Y87.1)	7,648	2.7	21.9	8	Anemias . . . . . (D50–D64)	16	1.8	*
9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	6,711	2.4	19.3	9	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	15	1.7	*
10	Influenza and pneumonia . . . . . (J10–J18)	5,876	2.1	16.9	10	Cerebrovascular diseases . . . . . (I60–I69)	12	1.3	*
...	All other causes . . . . . (Residual)	64,957	22.8	186.3	...	All other causes . . . . . (Residual)	199	21.9	6.4
Black, both sexes, 1–4 years					Black, both sexes, 15–19 years				
...	All causes . . . . .	1,311	100.0	58.9	...	All causes . . . . .	2,849	100.0	93.6
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	441	33.6	19.8	1	Assault (homicide) . . . . . (X85–Y09,Y87.1)	1,131	39.7	37.2
2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	152	11.6	6.8	2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	774	27.2	25.4
3	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	138	10.5	6.2	3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	179	6.3	5.9
4	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	50	3.8	2.2	4	Malignant neoplasms . . . . . (C00–C97)	139	4.9	4.6
5	Malignant neoplasms . . . . . (C00–C97)	49	3.7	2.2	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	130	4.6	4.3
6	Influenza and pneumonia . . . . . (J10–J18)	43	3.3	1.9	6	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	43	1.5	1.4
7	Certain conditions originating in the perinatal period. . . . . (P00–P96)	29	2.2	1.3	7	Chronic lower respiratory diseases. . . . . (J40–J47)	36	1.3	1.2
8	Anemias . . . . . (D50–D64)	21	1.6	0.9	8	Anemias . . . . . (D50–D64)	23	0.8	0.8
9	Chronic lower respiratory diseases. . . . . (J40–J47)	18	1.4	*	9	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	21	0.7	0.7
10	Septicemia . . . . . (A40–A41)	17	1.3	*	10	Cerebrovascular diseases . . . . . (I60–I69)	18	0.6	*
10	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	17	1.3	*	10	Pregnancy, childbirth and the puerperium . . . . . (O00–O99)	18	0.6	*
...	All other causes . . . . . (Residual)	336	25.6	15.1	...	All other causes . . . . . (Residual)	337	11.8	11.1
Black, both sexes, 5–9 years					Black, both sexes, 20–24 years				
...	All causes . . . . .	880	100.0	28.0	...	All causes . . . . .	4,217	100.0	156.4
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	396	45.0	12.6	1	Assault (homicide) . . . . . (X85–Y09,Y87.1)	1,650	39.1	61.2
2	Malignant neoplasms . . . . . (C00–C97)	85	9.7	2.7	2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	945	22.4	35.0
3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	67	7.6	2.1	3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	291	6.9	10.8
4	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	50	5.7	1.6	4	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	210	5.0	7.8
5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	32	3.6	1.0	5	Malignant neoplasms . . . . . (C00–C97)	179	4.2	6.6
6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	26	3.0	0.8	6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	112	2.7	4.2
7	Chronic lower respiratory diseases. . . . . (J40–J47)	20	2.3	0.6	7	Anemias . . . . . (D50–D64)	61	1.4	2.3
8	Anemias . . . . . (D50–D64)	17	1.9	*	8	Chronic lower respiratory diseases. . . . . (J40–J47)	42	1.0	1.6
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	12	1.4	*	9	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	40	0.9	1.5
10	Influenza and pneumonia . . . . . (J10–J18)	8	0.9	*	10	Influenza and pneumonia . . . . . (J10–J18)	35	0.8	1.3
...	All other causes . . . . . (Residual)	167	19.0	5.3	...	All other causes . . . . . (Residual)	652	15.5	24.2

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Black, both sexes, 25–34 years					Black, both sexes, 55–64 years				
...	All causes . . . . .	10,115	100.0	191.3	...	All causes . . . . .	39,476	100.0	1,683.3
1	Assault (homicide). . . . . (X85–Y09,Y87.1)	2,157	21.3	40.8	1	Malignant neoplasms . . . . . (C00–C97)	12,433	31.5	530.2
2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,765	17.4	33.4	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	11,475	29.1	489.3
3	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	1,497	14.8	28.3	3	Cerebrovascular diseases . . . . . (I60–I69)	2,295	5.8	97.9
4	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	914	9.0	17.3	4	Diabetes mellitus . . . . . (E10–E14)	2,151	5.4	91.7
5	Malignant neoplasms . . . . . (C00–C97)	671	6.6	12.7	5	Chronic lower respiratory diseases. . . . . (J40–J47)	1,091	2.8	46.5
6	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	503	5.0	9.5	6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,066	2.7	45.5
7	Diabetes mellitus . . . . . (E10–E14)	162	1.6	3.1	7	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	887	2.2	37.8
8	Cerebrovascular diseases . . . . . (I60–I69)	150	1.5	2.8	8	Septicemia . . . . . (A40–A41)	722	1.8	30.8
9	Chronic lower respiratory diseases. . . . . (J40–J47)	144	1.4	2.7	9	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	699	1.8	29.8
10	Anemias . . . . . (D50–D64)	140	1.4	2.6	10	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	625	1.6	26.7
...	All other causes . . . . . (Residual)	2,012	19.9	38.1	...	All other causes . . . . . (Residual)	6,032	15.3	257.2
Black, both sexes, 35–44 years					Black, both sexes, 65 years and over				
...	All causes . . . . .	21,041	100.0	372.3	...	All causes . . . . .	163,608	100.0	5,679.7
1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	3,546	16.9	62.7	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	54,488	33.3	1,891.6
2	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	3,206	15.2	56.7	2	Malignant neoplasms . . . . . (C00–C97)	37,375	22.8	1,297.5
3	Malignant neoplasms . . . . . (C00–C97)	3,080	14.6	54.5	3	Cerebrovascular diseases . . . . . (I60–I69)	13,845	8.5	480.6
4	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	2,285	10.9	40.4	4	Diabetes mellitus . . . . . (E10–E14)	7,818	4.8	271.4
5	Assault (homicide). . . . . (X85–Y09,Y87.1)	1,325	6.3	23.4	5	Chronic lower respiratory diseases. . . . . (J40–J47)	5,672	3.5	196.9
6	Cerebrovascular diseases . . . . . (I60–I69)	816	3.9	14.4	6	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	4,697	2.9	163.1
7	Diabetes mellitus . . . . . (E10–E14)	507	2.4	9.0	7	Influenza and pneumonia . . . . . (J10–J18)	4,306	2.6	149.5
8	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	457	2.2	8.1	8	Septicemia . . . . . (A40–A41)	4,041	2.5	140.3
9	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	435	2.1	7.7	9	Essential (primary) hypertension and hypertensive renal disease. . . . . (I10,I12)	2,624	1.6	91.1
10	Influenza and pneumonia . . . . . (J10–J18)	312	1.5	5.5	10	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	2,538	1.6	88.1
...	All other causes . . . . . (Residual)	5,072	24.1	89.7	...	All other causes . . . . . (Residual)	26,204	16.0	909.7
Black, both sexes, 45–54 years					Black, both sexes, 65–74 years				
...	All causes . . . . .	31,759	100.0	808.4	...	All causes . . . . .	56,122	100.0	3,343.6
1	Malignant neoplasms . . . . . (C00–C97)	7,830	24.7	199.3	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	17,240	30.7	1,027.1
2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	7,525	23.7	191.5	2	Malignant neoplasms . . . . . (C00–C97)	16,764	29.9	998.8
3	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	2,103	6.6	53.5	3	Cerebrovascular diseases . . . . . (I60–I69)	3,813	6.8	227.2
4	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,939	6.1	49.4	4	Diabetes mellitus . . . . . (E10–E14)	3,137	5.6	186.9
5	Cerebrovascular diseases . . . . . (I60–I69)	1,683	5.3	42.8	5	Chronic lower respiratory diseases. . . . . (J40–J47)	2,112	3.8	125.8
6	Diabetes mellitus . . . . . (E10–E14)	1,231	3.9	31.3	6	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	1,569	2.8	93.5
7	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	922	2.9	23.5	7	Septicemia . . . . . (A40–A41)	1,223	2.2	72.9
8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	617	1.9	15.7	8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	951	1.7	56.7
9	Assault (homicide). . . . . (X85–Y09,Y87.1)	569	1.8	14.5	9	Influenza and pneumonia . . . . . (J10–J18)	889	1.6	53.0
10	Chronic lower respiratory diseases. . . . . (J40–J47)	561	1.8	14.3	10	Essential (primary) hypertension and hypertensive renal disease. . . . . (I10,I12)	767	1.4	45.7
...	All other causes . . . . . (Residual)	6,779	21.3	172.6	...	All other causes . . . . . (Residual)	7,657	13.6	456.2

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Black, both sexes, 75–84 years					Black, male, 1–4 years				
...	All causes . . . . .	61,201	100.0	6,883.6	...	All causes . . . . .	746	100.0	66.0
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	20,038	32.7	2,253.8	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	266	35.7	23.5
2	Malignant neoplasms . . . . . (C00–C97)	14,312	23.4	1,609.8	2	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	79	10.6	7.0
3	Cerebrovascular diseases . . . . . (I60–I69)	5,351	8.7	601.9	3	Assault (homicide). . . . . (X85–Y09,Y87.1)	75	10.1	6.6
4	Diabetes mellitus . . . . . (E10–E14)	3,022	4.9	339.9	4	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	27	3.6	2.4
5	Chronic lower respiratory diseases. . . . . (J40–J47)	2,380	3.9	267.7	5	Malignant neoplasms . . . . . (C00–C97)	26	3.5	2.3
6	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	1,769	2.9	199.0	6	Influenza and pneumonia . . . . . (J10–J18)	25	3.4	2.2
7	Septicemia . . . . . (A40–A41)	1,525	2.5	171.5	7	Certain conditions originating in the perinatal period. . . . . (P00–P96)	19	2.5	*
8	Influenza and pneumonia . . . . . (J10–J18)	1,426	2.3	160.4	8	Chronic lower respiratory diseases. . . . . (J40–J47)	13	1.7	*
9	Essential (primary) hypertension and hypertensive renal disease. . . . . (I10,I12)	1,012	1.7	113.8	9	Septicemia . . . . . (A40–A41)	11	1.5	*
10	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	936	1.5	105.3	9	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	11	1.5	*
...	All other causes . . . . . (Residual)	9,430	15.4	1,060.6	9	Anemias . . . . . (D50–D64)	11	1.5	*
Black, both sexes, 85 years and over					Black, male, 5–9 years				
...	All causes . . . . .	46,285	100.0	14,787.7	...	All causes . . . . .	519	100.0	32.5
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	17,210	37.2	5,498.5	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	258	49.7	16.2
2	Malignant neoplasms . . . . . (C00–C97)	6,299	13.6	2,012.5	2	Malignant neoplasms . . . . . (C00–C97)	41	7.9	2.6
3	Cerebrovascular diseases . . . . . (I60–I69)	4,681	10.1	1,495.5	3	Assault (homicide). . . . . (X85–Y09,Y87.1)	36	6.9	2.3
4	Influenza and pneumonia . . . . . (J10–J18)	1,991	4.3	636.1	4	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	25	4.8	1.6
5	Diabetes mellitus . . . . . (E10–E14)	1,659	3.6	530.0	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	18	3.5	*
6	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	1,359	2.9	434.2	6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	14	2.7	*
7	Septicemia . . . . . (A40–A41)	1,293	2.8	413.1	6	Chronic lower respiratory diseases. . . . . (J40–J47)	14	2.7	*
8	Chronic lower respiratory diseases. . . . . (J40–J47)	1,180	2.5	377.0	8	Anemias . . . . . (D50–D64)	7	1.3	*
9	Alzheimer's disease. . . . . (G30)	1,168	2.5	373.2	9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	6	1.2	*
10	Essential (primary) hypertension and hypertensive renal disease. . . . . (I10,I12)	845	1.8	270.0	10	Influenza and pneumonia . . . . . (J10–J18)	5	1.0	*
...	All other causes . . . . . (Residual)	8,600	18.6	2,747.6	...	All other causes . . . . . (Residual)	95	18.3	5.9
Black, male, all ages <sup>3</sup>					Black, male, 10–14 years				
...	All causes . . . . .	145,703	100.0	880.0	...	All causes . . . . .	577	100.0	36.8
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	37,576	25.8	226.9	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	214	37.1	13.6
2	Malignant neoplasms . . . . . (C00–C97)	32,850	22.5	198.4	2	Malignant neoplasms . . . . . (C00–C97)	55	9.5	3.5
3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	8,773	6.0	53.0	2	Assault (homicide). . . . . (X85–Y09,Y87.1)	55	9.5	3.5
4	Cerebrovascular diseases . . . . . (I60–I69)	7,894	5.4	47.7	4	Chronic lower respiratory diseases. . . . . (J40–J47)	34	5.9	2.2
5	Assault (homicide). . . . . (X85–Y09,Y87.1)	6,214	4.3	37.5	5	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	29	5.0	1.8
6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	5,493	3.8	33.2	6	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	27	4.7	1.7
7	Diabetes mellitus . . . . . (E10–E14)	4,759	3.3	28.7	7	Intentional self-harm (suicide). . . . . (X60–X84,Y87.0)	22	3.8	1.4
8	Chronic lower respiratory diseases. . . . . (J40–J47)	4,500	3.1	27.2	8	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	9	1.6	*
9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	3,008	2.1	18.2	8	Anemias . . . . . (D50–D64)	9	1.6	*
10	Certain conditions originating in the perinatal period. . . . . (P00–P96)	2,907	2.0	17.6	10	Diabetes mellitus . . . . . (E10–E14)	6	1.0	*
...	All other causes . . . . . (Residual)	31,729	21.8	191.6	10	Cerebrovascular diseases . . . . . (I60–I69)	6	1.0	*
...					...	All other causes . . . . . (Residual)	111	19.2	7.1

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Black, male, 15–19 years					Black, male, 35–44 years				
...	All causes . . . . .	2,157	100.0	139.3	...	All causes . . . . .	12,567	100.0	473.6
1	Assault (homicide). . . . . (X85–Y09,Y87.1)	978	45.3	63.2	1	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	2,194	17.5	82.7
2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	574	26.6	37.1	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	2,193	17.5	82.6
3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	155	7.2	10.0	3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,660	13.2	62.6
4	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	91	4.2	5.9	4	Malignant neoplasms . . . . . (C00–C97)	1,267	10.1	47.7
5	Malignant neoplasms . . . . . (C00–C97)	87	4.0	5.6	5	Assault (homicide). . . . . (X85–Y09,Y87.1)	996	7.9	37.5
6	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	27	1.3	1.7	6	Cerebrovascular diseases . . . . . (I60–I69)	393	3.1	14.8
7	Chronic lower respiratory diseases. . . . . (J40–J47)	23	1.1	1.5	7	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	356	2.8	13.4
8	Anemias . . . . . (D50–D64)	13	0.6	*	8	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	296	2.4	11.2
9	Legal intervention . . . . . (Y35,Y89.0)	10	0.5	*	9	Diabetes mellitus . . . . . (E10–E14)	277	2.2	10.4
10	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	8	0.4	*	10	Influenza and pneumonia . . . . . (J10–J18)	178	1.4	6.7
10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	8	0.4	*	...	All other causes . . . . . (Residual)	2,757	21.9	103.9
...	All other causes . . . . . (Residual)	183	8.5	11.8	Black, male, 45–54 years				
Black, male, 20–24 years					...	All causes . . . . .	19,298	100.0	1,081.9
...	All causes . . . . .	3,191	100.0	239.3	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	4,774	24.7	267.6
1	Assault (homicide). . . . . (X85–Y09,Y87.1)	1,475	46.2	110.6	2	Malignant neoplasms . . . . . (C00–C97)	4,144	21.5	232.3
2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	727	22.8	54.5	3	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	1,592	8.2	89.3
3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	259	8.1	19.4	4	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,471	7.6	82.5
4	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	124	3.9	9.3	5	Cerebrovascular diseases . . . . . (I60–I69)	910	4.7	51.0
5	Malignant neoplasms . . . . . (C00–C97)	97	3.0	7.3	6	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	663	3.4	37.2
6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	46	1.4	3.4	7	Diabetes mellitus . . . . . (E10–E14)	650	3.4	36.4
7	Anemias . . . . . (D50–D64)	37	1.2	2.8	8	Assault (homicide). . . . . (X85–Y09,Y87.1)	439	2.3	24.6
8	Chronic lower respiratory diseases. . . . . (J40–J47)	29	0.9	2.2	9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	354	1.8	19.8
9	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	24	0.8	1.8	10	Chronic lower respiratory diseases. . . . . (J40–J47)	286	1.5	16.0
10	Legal intervention . . . . . (Y35,Y89.0)	22	0.7	1.6	...	All other causes . . . . . (Residual)	4,015	20.8	225.1
...	All other causes . . . . . (Residual)	351	11.0	26.3	Black, male, 55–64 years				
Black, male, 25–34 years					...	All causes . . . . .	22,769	100.0	2,244.0
...	All causes . . . . .	6,723	100.0	268.4	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	7,004	30.8	690.3
1	Assault (homicide). . . . . (X85–Y09,Y87.1)	1,800	26.8	71.8	2	Malignant neoplasms . . . . . (C00–C97)	6,993	30.7	689.2
2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,335	19.9	53.3	3	Cerebrovascular diseases . . . . . (I60–I69)	1,251	5.5	123.3
3	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	935	13.9	37.3	4	Diabetes mellitus . . . . . (E10–E14)	995	4.4	98.1
4	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	546	8.1	21.8	5	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	755	3.3	74.4
5	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	436	6.5	17.4	6	Chronic lower respiratory diseases. . . . . (J40–J47)	629	2.8	62.0
6	Malignant neoplasms . . . . . (C00–C97)	297	4.4	11.9	7	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	483	2.1	47.6
7	Diabetes mellitus . . . . . (E10–E14)	86	1.3	3.4	8	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	460	2.0	45.3
8	Anemias . . . . . (D50–D64)	73	1.1	2.9	9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	429	1.9	42.3
9	Cerebrovascular diseases . . . . . (I60–I69)	72	1.1	2.9	10	Septicemia . . . . . (A40–A41)	394	1.7	38.8
10	Chronic lower respiratory diseases. . . . . (J40–J47)	69	1.0	2.8	...	All other causes . . . . . (Residual)	3,376	14.8	332.7
...	All other causes . . . . . (Residual)	1,074	16.0	42.9					

See footnotes at end of table.



**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Black, male, 65 years and over					Black, male, 85 years and over				
...	All causes . . . . .	72,201	100.0	6,373.4	...	All causes . . . . .	14,768	100.0	16,047.8
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	22,688	31.4	2,002.7	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	5,000	33.9	5,433.3
2	Malignant neoplasms . . . . . (C00–C97)	19,839	27.5	1,751.3	2	Malignant neoplasms . . . . . (C00–C97)	2,851	19.3	3,098.1
3	Cerebrovascular diseases . . . . . (I60–I69)	5,220	7.2	460.8	3	Cerebrovascular diseases . . . . . (I60–I69)	1,236	8.4	1,343.1
4	Chronic lower respiratory diseases . . . . . (J40–J47)	3,267	4.5	288.4	4	Influenza and pneumonia . . . . . (J10–J18)	686	4.6	745.4
5	Diabetes mellitus . . . . . (E10–E14)	2,724	3.8	240.5	5	Chronic lower respiratory diseases . . . . . (J40–J47)	599	4.1	650.9
6	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	1,962	2.7	173.2	6	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	449	3.0	487.9
7	Influenza and pneumonia . . . . . (J10–J18)	1,904	2.6	168.1	7	Diabetes mellitus . . . . . (E10–E14)	432	2.9	469.4
8	Septicemia . . . . . (A40–A41)	1,657	2.3	146.3	8	Septicemia . . . . . (A40–A41)	387	2.6	420.5
9	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,358	1.9	119.9	9	Alzheimer's disease . . . . . (G30)	271	1.8	294.5
10	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	962	1.3	84.9	10	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	270	1.8	293.4
...	All other causes . . . . . (Residual)	10,620	14.7	937.5	...	All other causes . . . . . (Residual)	2,587	17.5	2,811.2
Black, male, 65–74 years					Black, female, all ages <sup>3</sup>				
...	All causes . . . . .	29,594	100.0	4,182.8	...	All causes . . . . .	139,361	100.0	761.3
1	Malignant neoplasms . . . . . (C00–C97)	9,314	31.5	1,316.4	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	40,998	29.4	224.0
2	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	9,155	30.9	1,294.0	2	Malignant neoplasms . . . . . (C00–C97)	29,101	20.9	159.0
3	Cerebrovascular diseases . . . . . (I60–I69)	1,868	6.3	264.0	3	Cerebrovascular diseases . . . . . (I60–I69)	10,990	7.9	60.0
4	Diabetes mellitus . . . . . (E10–E14)	1,268	4.3	179.2	4	Diabetes mellitus . . . . . (E10–E14)	7,168	5.1	39.2
5	Chronic lower respiratory diseases . . . . . (J40–J47)	1,255	4.2	177.4	5	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	3,955	2.8	21.6
6	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	700	2.4	98.9	6	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	3,703	2.7	20.2
7	Septicemia . . . . . (A40–A41)	614	2.1	86.8	7	Chronic lower respiratory diseases . . . . . (J40–J47)	3,415	2.5	18.7
8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	600	2.0	84.8	8	Septicemia . . . . . (A40–A41)	3,203	2.3	17.5
9	Influenza and pneumonia . . . . . (J10–J18)	523	1.8	73.9	9	Influenza and pneumonia . . . . . (J10–J18)	3,051	2.2	16.7
10	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	349	1.2	49.3	10	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	2,400	1.7	13.1
...	All other causes . . . . . (Residual)	3,948	13.3	558.0	...	All other causes . . . . . (Residual)	31,377	22.5	171.4
Black, male, 75–84 years					Black, female, 1–4 years				
...	All causes . . . . .	27,839	100.0	8,352.6	...	All causes . . . . .	565	100.0	51.5
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	8,533	30.7	2,560.2	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	175	31.0	15.9
2	Malignant neoplasms . . . . . (C00–C97)	7,674	27.6	2,302.5	2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	77	13.6	7.0
3	Cerebrovascular diseases . . . . . (I60–I69)	2,116	7.6	634.9	3	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	59	10.4	5.4
4	Chronic lower respiratory diseases . . . . . (J40–J47)	1,413	5.1	423.9	4	Malignant neoplasms . . . . . (C00–C97)	23	4.1	2.1
5	Diabetes mellitus . . . . . (E10–E14)	1,024	3.7	307.2	4	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	23	4.1	2.1
6	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	813	2.9	243.9	6	Influenza and pneumonia . . . . . (J10–J18)	18	3.2	*
7	Influenza and pneumonia . . . . . (J10–J18)	695	2.5	208.5	7	Anemias . . . . . (D50–D64)	10	1.8	*
8	Septicemia . . . . . (A40–A41)	656	2.4	196.8	7	Certain conditions originating in the perinatal period . . . . . (P00–P96)	10	1.8	*
9	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	488	1.8	146.4	9	Complications of medical and surgical care . . . . . (Y40–Y84,Y88)	8	1.4	*
10	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	386	1.4	115.8	10	Septicemia . . . . . (A40–A41)	6	1.1	*
...	All other causes . . . . . (Residual)	4,041	14.5	1,212.4	10	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	6	1.1	*
...					10	Cerebrovascular diseases . . . . . (I60–I69)	6	1.1	*
...					...	All other causes . . . . . (Residual)	144	25.5	13.1

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Black, female, 5–9 years					Black, female, 20–24 years				
...	All causes . . . . .	361	100.0	23.3	...	All causes . . . . .	1,026	100.0	75.3
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	138	38.2	8.9	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	218	21.2	16.0
2	Malignant neoplasms . . . . . (C00–C97)	44	12.2	2.8	2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	175	17.1	12.8
3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	31	8.6	2.0	3	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	86	8.4	6.3
4	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	25	6.9	1.6	4	Malignant neoplasms . . . . . (C00–C97)	82	8.0	6.0
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	14	3.9	*	5	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	66	6.4	4.8
6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	12	3.3	*	6	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	32	3.1	2.3
7	Anemias . . . . . (D50–D64)	10	2.8	*	7	Pregnancy, childbirth and the puerperium . . . . . (O00–O99)	29	2.8	2.1
8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	6	1.7	*	8	Anemias . . . . . (D50–D64)	24	2.3	1.8
8	Chronic lower respiratory diseases . . . . . (J40–J47)	6	1.7	*	9	Influenza and pneumonia . . . . . (J10–J18)	18	1.8	*
10	Septicemia . . . . . (A40–A41)	3	0.8	*	10	Septicemia . . . . . (A40–A41)	17	1.7	*
10	Influenza and pneumonia . . . . . (J10–J18)	3	0.8	*	...	All other causes . . . . . (Residual)	279	27.2	20.5
...	All other causes . . . . . (Residual)	69	19.1	4.5	Black, female, 25–34 years				
Black, female, 10–14 years					...	All causes . . . . .	3,392	100.0	122.0
...	All causes . . . . .	332	100.0	21.9	1	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	562	16.6	20.2
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	97	29.2	6.4	2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	430	12.7	15.5
2	Malignant neoplasms . . . . . (C00–C97)	43	13.0	2.8	3	Malignant neoplasms . . . . . (C00–C97)	374	11.0	13.4
3	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	27	8.1	1.8	4	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	368	10.8	13.2
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	25	7.5	1.6	5	Assault (homicide) . . . . . (X85–Y09,Y87.1)	357	10.5	12.8
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	18	5.4	*	6	Cerebrovascular diseases . . . . . (I60–I69)	78	2.3	2.8
6	Chronic lower respiratory diseases . . . . . (J40–J47)	14	4.2	*	7	Diabetes mellitus . . . . . (E10–E14)	76	2.2	2.7
7	Anemias . . . . . (D50–D64)	7	2.1	*	8	Chronic lower respiratory diseases . . . . . (J40–J47)	75	2.2	2.7
7	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	7	2.1	*	9	Pregnancy, childbirth and the puerperium . . . . . (O00–O99)	71	2.1	2.6
9	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	6	1.8	*	10	Anemias . . . . . (D50–D64)	67	2.0	2.4
9	Cerebrovascular diseases . . . . . (I60–I69)	6	1.8	*	10	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	67	2.0	2.4
...	All other causes . . . . . (Residual)	82	24.7	5.4	...	All other causes . . . . . (Residual)	867	25.6	31.2
Black, female, 15–19 years					Black, female, 35–44 years				
...	All causes . . . . .	692	100.0	46.3	...	All causes . . . . .	8,474	100.0	282.6
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	200	28.9	13.4	1	Malignant neoplasms . . . . . (C00–C97)	1,813	21.4	60.5
2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	153	22.1	10.2	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	1,353	16.0	45.1
3	Malignant neoplasms . . . . . (C00–C97)	52	7.5	3.5	3	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	1,012	11.9	33.7
4	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	39	5.6	2.6	4	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	625	7.4	20.8
5	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	24	3.5	1.6	5	Cerebrovascular diseases . . . . . (I60–I69)	423	5.0	14.1
6	Pregnancy, childbirth and the puerperium . . . . . (O00–O99)	18	2.6	*	6	Assault (homicide) . . . . . (X85–Y09,Y87.1)	329	3.9	11.0
7	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	16	2.3	*	7	Diabetes mellitus . . . . . (E10–E14)	230	2.7	7.7
8	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	13	1.9	*	8	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	161	1.9	5.4
8	Chronic lower respiratory diseases . . . . . (J40–J47)	13	1.9	*	9	Chronic lower respiratory diseases . . . . . (J40–J47)	138	1.6	4.6
10	Cerebrovascular diseases . . . . . (I60–I69)	11	1.6	*	10	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	137	1.6	4.6
...	All other causes . . . . . (Residual)	153	22.1	10.2	...	All other causes . . . . . (Residual)	2,253	26.6	75.1

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Black, female, 45–54 years					Black, female, 65–74 years				
...	All causes . . . . .	12,461	100.0	581.0	...	All causes . . . . .	26,528	100.0	2,732.1
1	Malignant neoplasms . . . . . (C00–C97)	3,686	29.6	171.9	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	8,085	30.5	832.7
2	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	2,751	22.1	128.3	2	Malignant neoplasms . . . . . (C00–C97)	7,450	28.1	767.3
3	Cerebrovascular diseases . . . . . (I60–I69)	773	6.2	36.0	3	Cerebrovascular diseases . . . . . (I60–I69)	1,945	7.3	200.3
4	Diabetes mellitus . . . . . (E10–E14)	581	4.7	27.1	4	Diabetes mellitus . . . . . (E10–E14)	1,869	7.0	192.5
5	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	511	4.1	23.8	5	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	869	3.3	89.5
6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	468	3.8	21.8	6	Chronic lower respiratory diseases . . . . . (J40–J47)	857	3.2	88.3
7	Chronic lower respiratory diseases . . . . . (J40–J47)	275	2.2	12.8	7	Septicemia . . . . . (A40–A41)	609	2.3	62.7
8	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	263	2.1	12.3	8	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	418	1.6	43.0
9	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	259	2.1	12.1	9	Influenza and pneumonia . . . . . (J10–J18)	366	1.4	37.7
10	Septicemia . . . . . (A40–A41)	242	1.9	11.3	10	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	351	1.3	36.1
...	All other causes . . . . . (Residual)	2,652	21.3	123.6	...	All other causes . . . . . (Residual)	3,709	14.0	382.0
Black, female, 55–64 years					Black, female, 75–84 years				
...	All causes . . . . .	16,707	100.0	1,255.7	...	All causes . . . . .	33,362	100.0	6,002.7
1	Malignant neoplasms . . . . . (C00–C97)	5,440	32.6	408.9	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	11,505	34.5	2,070.1
2	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	4,471	26.8	336.1	2	Malignant neoplasms . . . . . (C00–C97)	6,638	19.9	1,194.4
3	Diabetes mellitus . . . . . (E10–E14)	1,156	6.9	86.9	3	Cerebrovascular diseases . . . . . (I60–I69)	3,235	9.7	582.1
4	Cerebrovascular diseases . . . . . (I60–I69)	1,044	6.2	78.5	4	Diabetes mellitus . . . . . (E10–E14)	1,998	6.0	359.5
5	Chronic lower respiratory diseases . . . . . (J40–J47)	462	2.8	34.7	5	Chronic lower respiratory diseases . . . . . (J40–J47)	967	2.9	174.0
6	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	458	2.7	34.4	6	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	956	2.9	172.0
7	Septicemia . . . . . (A40–A41)	328	2.0	24.7	7	Septicemia . . . . . (A40–A41)	869	2.6	156.4
8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	311	1.9	23.4	8	Influenza and pneumonia . . . . . (J10–J18)	731	2.2	131.5
9	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	252	1.5	18.9	9	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	626	1.9	112.6
10	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	239	1.4	18.0	10	Alzheimer's disease . . . . . (G30)	598	1.8	107.6
...	All other causes . . . . . (Residual)	2,546	15.2	191.4	...	All other causes . . . . . (Residual)	5,239	15.7	942.6
Black, female, 65 years and over					Black, female, 85 years and over				
...	All causes . . . . .	91,407	100.0	5,230.1	...	All causes . . . . .	31,517	100.0	14,262.9
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	31,800	34.8	1,819.5	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	12,210	38.7	5,525.6
2	Malignant neoplasms . . . . . (C00–C97)	17,536	19.2	1,003.4	2	Malignant neoplasms . . . . . (C00–C97)	3,448	10.9	1,560.4
3	Cerebrovascular diseases . . . . . (I60–I69)	8,625	9.4	493.5	3	Cerebrovascular diseases . . . . . (I60–I69)	3,445	10.9	1,559.0
4	Diabetes mellitus . . . . . (E10–E14)	5,094	5.6	291.5	4	Influenza and pneumonia . . . . . (J10–J18)	1,305	4.1	590.6
5	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	2,735	3.0	156.5	5	Diabetes mellitus . . . . . (E10–E14)	1,227	3.9	555.3
6	Chronic lower respiratory diseases . . . . . (J40–J47)	2,405	2.6	137.6	6	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	910	2.9	411.8
7	Influenza and pneumonia . . . . . (J10–J18)	2,402	2.6	137.4	7	Septicemia . . . . . (A40–A41)	906	2.9	410.0
8	Septicemia . . . . . (A40–A41)	2,384	2.6	136.4	8	Alzheimer's disease . . . . . (G30)	897	2.8	405.9
9	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	1,662	1.8	95.1	9	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	618	2.0	279.7
10	Alzheimer's disease . . . . . (G30)	1,632	1.8	93.4	10	Chronic lower respiratory diseases . . . . . (J40–J47)	581	1.8	262.9
...	All other causes . . . . . (Residual)	15,132	16.6	865.8	...	All other causes . . . . . (Residual)	5,970	18.9	2,701.7

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
American Indian, both sexes, all ages <sup>3</sup>					American Indian, both sexes, 10–14 years				
...	All causes . . . . .	11,312	100.0	471.8	...	All causes . . . . .	57	100.0	22.9
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	2,404	21.3	100.3	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	26	45.6	10.5
2	Malignant neoplasms . . . . . (C00–C97)	1,836	16.2	76.6	2	Malignant neoplasms . . . . . (C00–C97)	4	7.0	*
3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,327	11.7	55.4	2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	4	7.0	*
4	Diabetes mellitus . . . . . (E10–E14)	725	6.4	30.2	4	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	3	5.3	*
5	Cerebrovascular diseases . . . . . (I60–I69)	546	4.8	22.8	4	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	3	5.3	*
6	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	513	4.5	21.4	6	Influenza and pneumonia . . . . . (J10–J18)	2	3.5	*
7	Chronic lower respiratory diseases . . . . . (J40–J47)	406	3.6	16.9	6	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	2	3.5	*
8	Influenza and pneumonia . . . . . (J10–J18)	315	2.8	13.1	8	Septicemia . . . . . (A40–A41)	1	1.8	*
9	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	291	2.6	12.1	8	Cerebrovascular diseases . . . . . (I60–I69)	1	1.8	*
10	Assault (homicide) . . . . . (X85–Y09,Y87.1)	253	2.2	10.6	8	Aortic aneurysm and dissection . . . . . (I71)	1	1.8	*
...	All other causes . . . . . (Residual)	2,696	23.8	112.5	...	All other causes . . . . . (Residual)	10	17.5	*
American Indian, both sexes, 1–4 years					American Indian, both sexes, 15–19 years				
...	All causes . . . . .	82	100.0	51.4	...	All causes . . . . .	245	100.0	104.4
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	37	45.1	23.2	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	130	53.1	55.4
2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	6	7.3	*	2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	52	21.2	22.2
3	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	5	6.1	*	3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	27	11.0	11.5
3	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	5	6.1	*	4	Malignant neoplasms . . . . . (C00–C97)	4	1.6	*
5	Malignant neoplasms . . . . . (C00–C97)	4	4.9	*	5	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	3	1.2	*
6	Influenza and pneumonia . . . . . (J10–J18)	3	3.7	*	6	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	2	0.8	*
7	Acute bronchitis and bronchiolitis . . (J20–J21)	2	2.4	*	7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	1	0.4	*
8	Septicemia . . . . . (A40–A41)	1	1.2	*	7	Anemias . . . . . (D50–D64)	1	0.4	*
...	All other causes . . . . . (Residual)	19	23.2	*	7	Influenza and pneumonia . . . . . (J10–J18)	1	0.4	*
American Indian, both sexes, 5–9 years					American Indian, both sexes, 20–24 years				
...	All causes . . . . .	48	100.0	21.9	...	All causes . . . . .	295	100.0	151.8
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	25	52.1	11.4	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	159	53.9	81.8
2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	5	10.4	*	2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	43	14.6	22.1
3	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	3	6.3	*	3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	33	11.2	17.0
4	Septicemia . . . . . (A40–A41)	2	4.2	*	4	Malignant neoplasms . . . . . (C00–C97)	9	3.1	*
4	Malignant neoplasms . . . . . (C00–C97)	2	4.2	*	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	7	2.4	*
4	Certain conditions originating in the perinatal period . . . . . (P00–P96)	2	4.2	*	6	Septicemia . . . . . (A40–A41)	4	1.4	*
7	Meningococcal infection . . . . . (A39)	1	2.1	*	6	Influenza and pneumonia . . . . . (J10–J18)	4	1.4	*
7	Influenza and pneumonia . . . . . (J10–J18)	1	2.1	*	6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	4	1.4	*
7	Acute bronchitis and bronchiolitis . . (J20–J21)	1	2.1	*	9	Diabetes mellitus . . . . . (E10–E14)	2	0.7	*
...	All other causes . . . . . (Residual)	6	12.5	*	9	Meningitis . . . . . (G00,G03)	2	0.7	*
American Indian, both sexes, 10–14 years					American Indian, both sexes, 15–19 years				
...	All causes . . . . .	57	100.0	22.9	...	All causes . . . . .	245	100.0	104.4
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	26	45.6	10.5	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	130	53.1	55.4
2	Malignant neoplasms . . . . . (C00–C97)	4	7.0	*	2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	52	21.2	22.2
2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	4	7.0	*	3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	27	11.0	11.5
4	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	3	5.3	*	4	Malignant neoplasms . . . . . (C00–C97)	4	1.6	*
4	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	3	5.3	*	5	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	3	1.2	*
6	Influenza and pneumonia . . . . . (J10–J18)	2	3.5	*	6	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	2	0.8	*
6	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	2	3.5	*	7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	1	0.4	*
8	Septicemia . . . . . (A40–A41)	1	1.8	*	7	Anemias . . . . . (D50–D64)	1	0.4	*
8	Cerebrovascular diseases . . . . . (I60–I69)	1	1.8	*	7	Influenza and pneumonia . . . . . (J10–J18)	1	0.4	*
8	Aortic aneurysm and dissection . . . . . (I71)	1	1.8	*	7	Diseases of appendix . . . . . (K35–K38)	1	0.4	*
...	All other causes . . . . . (Residual)	10	17.5	*	7	Pregnancy, childbirth and the puerperium . . . . . (O00–O99)	1	0.4	*
American Indian, both sexes, 15–19 years					American Indian, both sexes, 20–24 years				
...	All causes . . . . .	245	100.0	104.4	...	All causes . . . . .	295	100.0	151.8
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	130	53.1	55.4	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	159	53.9	81.8
2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	52	21.2	22.2	2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	43	14.6	22.1
3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	27	11.0	11.5	3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	33	11.2	17.0
4	Malignant neoplasms . . . . . (C00–C97)	4	1.6	*	4	Malignant neoplasms . . . . . (C00–C97)	9	3.1	*
5	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	3	1.2	*	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	7	2.4	*
6	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	2	0.8	*	6	Septicemia . . . . . (A40–A41)	4	1.4	*
7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	1	0.4	*	6	Influenza and pneumonia . . . . . (J10–J18)	4	1.4	*
7	Anemias . . . . . (D50–D64)	1	0.4	*	6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	4	1.4	*
7	Influenza and pneumonia . . . . . (J10–J18)	1	0.4	*	9	Diabetes mellitus . . . . . (E10–E14)	2	0.7	*
7	Diseases of appendix . . . . . (K35–K38)	1	0.4	*	9	Meningitis . . . . . (G00,G03)	2	0.7	*
7	Pregnancy, childbirth and the puerperium . . . . . (O00–O99)	1	0.4	*	9	Pregnancy, childbirth and the puerperium . . . . . (O00–O99)	2	0.7	*
7	Legal intervention . . . . . (Y35,Y89.0)	1	0.4	*	...	All other causes . . . . . (Residual)	26	8.8	13.4
...	All other causes . . . . . (Residual)	21	8.6	8.9	...	All other causes . . . . . (Residual)	26	8.8	13.4

See footnotes at end of table.



**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
American Indian, both sexes, 25–34 years					American Indian, both sexes, 55–64 years				
...	All causes . . . . .	645	100.0	172.4	...	All causes . . . . .	1,674	100.0	1,130.2
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	250	38.8	66.8	1	Malignant neoplasms . . . . . (C00–C97)	406	24.3	274.1
2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	91	14.1	24.3	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	385	23.0	259.9
3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	73	11.3	19.5	3	Diabetes mellitus . . . . . (E10–E14)	165	9.9	111.4
4	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	30	4.7	8.0	4	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	123	7.3	83.0
5	Malignant neoplasms . . . . . (C00–C97)	26	4.0	7.0	5	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	105	6.3	70.9
6	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	21	3.3	5.6	6	Cerebrovascular diseases . . . . . (I60–I69)	63	3.8	42.5
7	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	17	2.6	*	6	Chronic lower respiratory diseases . . . . . (J40–J47)	63	3.8	42.5
8	Cerebrovascular diseases . . . . . (I60–I69)	11	1.7	*	8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	36	2.2	24.3
9	Diabetes mellitus . . . . . (E10–E14)	8	1.2	*	9	Influenza and pneumonia . . . . . (J10–J18)	30	1.8	20.3
10	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	7	1.1	*	10	Septicemia . . . . . (A40–A41)	29	1.7	19.6
...	All other causes . . . . . (Residual)	111	17.2	29.7	...	All other causes . . . . . (Residual)	269	16.1	181.6
American Indian, both sexes, 35–44 years					American Indian, both sexes, 65 years and over				
...	All causes . . . . .	1,027	100.0	286.3	...	All causes . . . . .	5,567	100.0	3,448.6
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	252	24.5	70.2	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	1,629	29.3	1,009.1
2	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	135	13.1	37.6	2	Malignant neoplasms . . . . . (C00–C97)	1,078	19.4	667.8
3	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	106	10.3	29.5	3	Diabetes mellitus . . . . . (E10–E14)	437	7.8	270.7
4	Malignant neoplasms . . . . . (C00–C97)	85	8.3	23.7	4	Cerebrovascular diseases . . . . . (I60–I69)	398	7.1	246.6
5	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	49	4.8	13.7	5	Chronic lower respiratory diseases . . . . . (J40–J47)	311	5.6	192.7
6	Assault (homicide) . . . . . (X85–Y09,Y87.1)	44	4.3	12.3	6	Influenza and pneumonia . . . . . (J10–J18)	215	3.9	133.2
7	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	34	3.3	9.5	7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	167	3.0	103.5
8	Cerebrovascular diseases . . . . . (I60–I69)	30	2.9	8.4	8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	129	2.3	79.9
9	Diabetes mellitus . . . . . (E10–E14)	29	2.8	8.1	9	Septicemia . . . . . (A40–A41)	88	1.6	54.5
10	Influenza and pneumonia . . . . . (J10–J18)	20	1.9	5.6	10	Alzheimer's disease . . . . . (G30)	83	1.5	51.4
...	All other causes . . . . . (Residual)	243	23.7	67.7	...	All other causes . . . . . (Residual)	1,032	18.5	639.3
American Indian, both sexes, 45–54 years					American Indian, both sexes, 65–74 years				
...	All causes . . . . .	1,328	100.0	518.7	...	All causes . . . . .	2,164	100.0	2,390.9
1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	231	17.4	90.2	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	584	27.0	645.2
2	Malignant neoplasms . . . . . (C00–C97)	217	16.3	84.8	2	Malignant neoplasms . . . . . (C00–C97)	535	24.7	591.1
3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	163	12.3	63.7	3	Diabetes mellitus . . . . . (E10–E14)	219	10.1	242.0
4	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	158	11.9	61.7	4	Chronic lower respiratory diseases . . . . . (J40–J47)	123	5.7	135.9
5	Diabetes mellitus . . . . . (E10–E14)	84	6.3	32.8	5	Cerebrovascular diseases . . . . . (I60–I69)	105	4.9	116.0
6	Cerebrovascular diseases . . . . . (I60–I69)	40	3.0	15.6	6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	82	3.8	90.6
7	Assault (homicide) . . . . . (X85–Y09,Y87.1)	33	2.5	12.9	7	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	58	2.7	64.1
8	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	31	2.3	12.1	8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	55	2.5	60.8
9	Septicemia . . . . . (A40–A41)	26	2.0	10.2	9	Influenza and pneumonia . . . . . (J10–J18)	37	1.7	40.9
9	Influenza and pneumonia . . . . . (J10–J18)	26	2.0	10.2	10	Septicemia . . . . . (A40–A41)	33	1.5	36.5
...	All other causes . . . . . (Residual)	319	24.0	124.6	...	All other causes . . . . . (Residual)	333	15.4	367.9

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
American Indian, both sexes, 75–84 years					American Indian, male, 1–4 years				
...	All causes . . . . .	2,064	100.0	4,084.4	...	All causes . . . . .	48	100.0	59.4
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	616	29.8	1,219.0	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	24	50.0	29.7
2	Malignant neoplasms . . . . . (C00–C97)	405	19.6	801.4	2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	4	8.3	*
3	Cerebrovascular diseases . . . . . (I60–I69)	166	8.0	328.5	3	Influenza and pneumonia . . . . . (J10–J18)	3	6.3	*
4	Diabetes mellitus . . . . . (E10–E14)	146	7.1	288.9	3	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	3	6.3	*
5	Chronic lower respiratory diseases . . . . . (J40–J47)	139	6.7	275.1	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	2	4.2	*
6	Influenza and pneumonia . . . . . (J10–J18)	72	3.5	142.5	5	Acute bronchitis and bronchiolitis . . . . . (J20–J21)	2	4.2	*
7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	59	2.9	116.8	7	Malignant neoplasms . . . . . (C00–C97)	1	2.1	*
8	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	42	2.0	83.1	...	All other causes . . . . . (Residual)	9	18.8	*
9	Septicemia . . . . . (A40–A41)	32	1.6	63.3	American Indian, male, 5–9 years				
10	Alzheimer's disease . . . . . (G30)	29	1.4	57.4	...	All causes . . . . .	21	100.0	18.9
...	All other causes . . . . . (Residual)	358	17.3	708.4	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	12	57.1	*
American Indian, both sexes, 85 years and over					2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	2	9.5	*
...	All causes . . . . .	1,339	100.0	6,569.8	3	Meningococcal infection . . . . . (A39)	1	4.8	*
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	429	32.0	2,104.9	3	Malignant neoplasms . . . . . (C00–C97)	1	4.8	*
2	Malignant neoplasms . . . . . (C00–C97)	138	10.3	677.1	3	Influenza and pneumonia . . . . . (J10–J18)	1	4.8	*
3	Cerebrovascular diseases . . . . . (I60–I69)	127	9.5	623.1	3	Certain conditions originating in the perinatal period . . . . . (P00–P96)	1	4.8	*
4	Influenza and pneumonia . . . . . (J10–J18)	106	7.9	520.1	3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	1	4.8	*
5	Diabetes mellitus . . . . . (E10–E14)	72	5.4	353.3	...	All other causes . . . . . (Residual)	2	9.5	*
6	Chronic lower respiratory diseases . . . . . (J40–J47)	49	3.7	240.4	American Indian, male, 10–14 years				
7	Alzheimer's disease . . . . . (G30)	41	3.1	201.2	...	All causes . . . . .	34	100.0	26.9
8	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	32	2.4	157.0	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	16	47.1	*
9	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	26	1.9	127.6	2	Malignant neoplasms . . . . . (C00–C97)	4	11.8	*
10	Septicemia . . . . . (A40–A41)	23	1.7	112.9	3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	3	8.8	*
...	All other causes . . . . . (Residual)	296	22.1	1,452.3	4	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	2	5.9	*
American Indian, male, all ages <sup>3</sup>					4	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	2	5.9	*
...	All causes . . . . .	6,092	100.0	513.3	6	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	1	2.9	*
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	1,302	21.4	109.7	6	Aortic aneurysm and dissection . . . . . (I71)	1	2.9	*
2	Malignant neoplasms . . . . . (C00–C97)	949	15.6	80.0	6	Influenza and pneumonia . . . . . (J10–J18)	1	2.9	*
3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	890	14.6	75.0	...	All other causes . . . . . (Residual)	4	11.8	*
4	Diabetes mellitus . . . . . (E10–E14)	323	5.3	27.2					
5	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	299	4.9	25.2					
6	Cerebrovascular diseases . . . . . (I60–I69)	236	3.9	19.9					
7	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	233	3.8	19.6					
8	Chronic lower respiratory diseases . . . . . (J40–J47)	197	3.2	16.6					
9	Assault (homicide) . . . . . (X85–Y09,Y87.1)	179	2.9	15.1					
10	Influenza and pneumonia . . . . . (J10–J18)	147	2.4	12.4					
...	All other causes . . . . . (Residual)	1,337	21.9	112.7					

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
American Indian, male, 15–19 years					American Indian, male, 35–44 years				
...	All causes . . . . .	179	100.0	151.8	...	All causes . . . . .	645	100.0	362.1
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	95	53.1	80.6	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	167	25.9	93.8
2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	43	24.0	36.5	2	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	84	13.0	47.2
3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	22	12.3	18.7	3	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	75	11.6	42.1
4	Malignant neoplasms . . . . . (C00–C97)	1	0.6	*	4	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	38	5.9	21.3
4	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	1	0.6	*	5	Malignant neoplasms . . . . . (C00–C97)	35	5.4	19.6
4	Anemias . . . . . (D50–D64)	1	0.6	*	6	Assault (homicide) . . . . . (X85–Y09,Y87.1)	30	4.7	16.8
4	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	1	0.6	*	7	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	27	4.2	15.2
4	Influenza and pneumonia . . . . . (J10–J18)	1	0.6	*	8	Diabetes mellitus . . . . . (E10–E14)	20	3.1	11.2
4	Diseases of appendix . . . . . (K35–K38)	1	0.6	*	9	Cerebrovascular diseases . . . . . (I60–I69)	15	2.3	*
4	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	1	0.6	*	10	Influenza and pneumonia . . . . . (J10–J18)	12	1.9	*
4	Legal intervention . . . . . (Y35,Y89.0)	1	0.6	*	...	All other causes . . . . . (Residual)	142	22.0	79.7
...	All other causes . . . . . (Residual)	11	6.1	*	American Indian, male, 45–54 years				
American Indian, male, 20–24 years					...	All causes . . . . .	845	100.0	683.1
...	All causes . . . . .	217	100.0	221.7	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	163	19.3	131.8
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	119	54.8	121.6	2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	121	14.3	97.8
2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	36	16.6	36.8	3	Malignant neoplasms . . . . . (C00–C97)	113	13.4	91.4
3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	23	10.6	23.5	4	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	99	11.7	80.0
4	Malignant neoplasms . . . . . (C00–C97)	6	2.8	*	5	Diabetes mellitus . . . . . (E10–E14)	53	6.3	42.8
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	5	2.3	*	6	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	24	2.8	19.4
6	Influenza and pneumonia . . . . . (J10–J18)	3	1.4	*	6	Assault (homicide) . . . . . (X85–Y09,Y87.1)	24	2.8	19.4
7	Septicemia . . . . . (A40–A41)	2	0.9	*	8	Cerebrovascular diseases . . . . . (I60–I69)	21	2.5	17.0
7	Diabetes mellitus . . . . . (E10–E14)	2	0.9	*	9	Influenza and pneumonia . . . . . (J10–J18)	17	2.0	*
7	Meningitis . . . . . (G00,G03)	2	0.9	*	10	Septicemia . . . . . (A40–A41)	15	1.8	*
7	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	2	0.9	*	...	All other causes . . . . . (Residual)	195	23.1	157.6
...	All other causes . . . . . (Residual)	17	7.8	*	American Indian, male, 55–64 years				
American Indian, male, 25–34 years					...	All causes . . . . .	920	100.0	1,321.8
...	All causes . . . . .	418	100.0	218.5	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	241	26.2	346.3
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	163	39.0	85.2	2	Malignant neoplasms . . . . . (C00–C97)	205	22.3	294.5
2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	72	17.2	37.6	3	Diabetes mellitus . . . . . (E10–E14)	78	8.5	112.1
3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	50	12.0	26.1	4	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	75	8.2	107.8
4	Malignant neoplasms . . . . . (C00–C97)	14	3.3	*	5	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	70	7.6	100.6
4	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	14	3.3	*	6	Chronic lower respiratory diseases . . . . . (J40–J47)	28	3.0	40.2
6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	13	3.1	*	7	Cerebrovascular diseases . . . . . (I60–I69)	26	2.8	37.4
7	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	10	2.4	*	8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	17	1.8	*
8	Diabetes mellitus . . . . . (E10–E14)	5	1.2	*	9	Septicemia . . . . . (A40–A41)	13	1.4	*
8	Legal intervention . . . . . (Y35,Y89.0)	5	1.2	*	9	Influenza and pneumonia . . . . . (J10–J18)	13	1.4	*
10	Cerebrovascular diseases . . . . . (I60–I69)	4	1.0	*	...	All other causes . . . . . (Residual)	154	16.7	221.3
10	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	4	1.0	*					
...	All other causes . . . . . (Residual)	64	15.3	33.5					

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
American Indian, male, 65 years and over					American Indian, male, 85 years and over				
...	All causes . . . . .	2,584	100.0	3,776.0	...	All causes . . . . .	449	100.0	6,946.2
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	797	30.8	1,164.7	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	141	31.4	2,181.3
2	Malignant neoplasms . . . . . (C00–C97)	569	22.0	831.5	2	Malignant neoplasms . . . . . (C00–C97)	69	15.4	1,067.5
3	Cerebrovascular diseases . . . . . (I60–I69)	167	6.5	244.0	3	Influenza and pneumonia . . . . . (J10–J18)	36	8.0	556.9
4	Diabetes mellitus . . . . . (E10–E14)	165	6.4	241.1	4	Cerebrovascular diseases . . . . . (I60–I69)	33	7.3	510.5
5	Chronic lower respiratory diseases . . . . . (J40–J47)	153	5.9	223.6	5	Chronic lower respiratory diseases . . . . . (J40–J47)	22	4.9	340.3
6	Influenza and pneumonia . . . . . (J10–J18)	91	3.5	133.0	6	Diabetes mellitus . . . . . (E10–E14)	21	4.7	324.9
7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	90	3.5	131.5	7	Pneumonitis due to solids and liquids . . . . . (J69)	10	2.2	*
8	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	43	1.7	62.8	7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	10	2.2	*
9	Septicemia . . . . . (A40–A41)	39	1.5	57.0	9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	8	1.8	*
10	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	36	1.4	52.6	10	Septicemia . . . . . (A40–A41)	7	1.6	*
...	All other causes . . . . . (Residual)	434	16.8	634.2	10	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	7	1.6	*
American Indian, male, 65–74 years					...	All other causes . . . . . (Residual)	85	18.9	1,315.0
...	All causes . . . . .	1,148	100.0	2,816.8	American Indian, female, all ages <sup>3</sup>				
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	353	30.7	866.1	...	All causes . . . . .	5,220	100.0	431.2
2	Malignant neoplasms . . . . . (C00–C97)	292	25.4	716.5	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	1,102	21.1	91.0
3	Diabetes mellitus . . . . . (E10–E14)	82	7.1	201.2	2	Malignant neoplasms . . . . . (C00–C97)	887	17.0	73.3
4	Chronic lower respiratory diseases . . . . . (J40–J47)	68	5.9	166.8	3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	437	8.4	36.1
5	Cerebrovascular diseases . . . . . (I60–I69)	59	5.1	144.8	4	Diabetes mellitus . . . . . (E10–E14)	402	7.7	33.2
6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	51	4.4	125.1	5	Cerebrovascular diseases . . . . . (I60–I69)	310	5.9	25.6
7	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	28	2.4	68.7	6	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	214	4.1	17.7
8	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	23	2.0	56.4	7	Chronic lower respiratory diseases . . . . . (J40–J47)	209	4.0	17.3
9	Septicemia . . . . . (A40–A41)	18	1.6	*	8	Influenza and pneumonia . . . . . (J10–J18)	168	3.2	13.9
10	Influenza and pneumonia . . . . . (J10–J18)	16	1.4	*	9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	115	2.2	9.5
...	All other causes . . . . . (Residual)	158	13.8	387.7	10	Septicemia . . . . . (A40–A41)	88	1.7	7.3
American Indian, male, 75–84 years					...	All other causes . . . . . (Residual)	1,288	24.7	106.4
...	All causes . . . . .	987	100.0	4,653.0	American Indian, female, 1–4 years				
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	303	30.7	1,428.4	...	All causes . . . . .	34	100.0	43.1
2	Malignant neoplasms . . . . . (C00–C97)	208	21.1	980.6	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	13	38.2	*
3	Cerebrovascular diseases . . . . . (I60–I69)	75	7.6	353.6	2	Malignant neoplasms . . . . . (C00–C97)	3	8.8	*
4	Chronic lower respiratory diseases . . . . . (J40–J47)	63	6.4	297.0	2	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	3	8.8	*
5	Diabetes mellitus . . . . . (E10–E14)	62	6.3	292.3	4	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	2	5.9	*
6	Influenza and pneumonia . . . . . (J10–J18)	39	4.0	183.9	4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	2	5.9	*
7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	29	2.9	136.7	6	Septicemia . . . . . (A40–A41)	1	2.9	*
8	Septicemia . . . . . (A40–A41)	14	1.4	*	...	All other causes . . . . . (Residual)	10	29.4	*
8	Parkinson's disease . . . . . (G20–G21)	14	1.4	*					
10	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	12	1.2	*					
...	All other causes . . . . . (Residual)	168	17.0	792.0					

See footnotes at end of table.



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Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
<b>American Indian, female, 5–9 years</b>					<b>American Indian, female, 20–24 years</b>				
...	All causes	27	100.0	25.0	...	All causes	78	100.0	80.9
1	Accidents (unintentional injuries) (V01–X59, Y85–Y86)	13	48.1	*	1	Accidents (unintentional injuries) (V01–X59, Y85–Y86)	40	51.3	41.5
2	Assault (homicide) (X85–Y09, Y87.1)	4	14.8	*	2	Assault (homicide) (X85–Y09, Y87.1)	10	12.8	*
3	Septicemia (A40–A41)	2	7.4	*	3	Intentional self-harm (suicide) (X60–X84, Y87.0)	7	9.0	*
4	Malignant neoplasms (C00–C97)	1	3.7	*	4	Malignant neoplasms (C00–C97)	3	3.8	*
4	Acute bronchitis and bronchiolitis (J20–J21)	1	3.7	*	5	Septicemia (A40–A41)	2	2.6	*
4	Certain conditions originating in the perinatal period (P00–P96)	1	3.7	*	5	Diseases of heart (I00–I09, I11, I13, I20–I51)	2	2.6	*
4	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1	3.7	*	5	Pregnancy, childbirth and the puerperium (O00–O99)	2	2.6	*
...	All other causes (Residual)	4	14.8	*	5	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	2	2.6	*
<b>American Indian, female, 10–14 years</b>					<b>American Indian, female, 25–34 years</b>				
...	All causes	23	100.0	18.8	...	All causes	227	100.0	124.2
1	Accidents (unintentional injuries) (V01–X59, Y85–Y86)	10	43.5	*	1	Accidents (unintentional injuries) (V01–X59, Y85–Y86)	87	38.3	47.6
2	Diseases of heart (I00–I09, I11, I13, I20–I51)	2	8.7	*	2	Assault (homicide) (X85–Y09, Y87.1)	23	10.1	12.6
3	Septicemia (A40–A41)	1	4.3	*	3	Intentional self-harm (suicide) (X60–X84, Y87.0)	19	8.4	*
3	Cerebrovascular diseases (I60–I69)	1	4.3	*	4	Diseases of heart (I00–I09, I11, I13, I20–I51)	16	7.0	*
3	Influenza and pneumonia (J10–J18)	1	4.3	*	5	Malignant neoplasms (C00–C97)	12	5.3	*
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1	4.3	*	6	Chronic liver disease and cirrhosis (K70, K73–K74)	11	4.8	*
3	Assault (homicide) (X85–Y09, Y87.1)	1	4.3	*	7	Cerebrovascular diseases (I60–I69)	7	3.1	*
...	All other causes (Residual)	6	26.1	*	8	Human immunodeficiency virus (HIV) disease (B20–B24)	4	1.8	*
<b>American Indian, female, 15–19 years</b>					<b>American Indian, female, 35–44 years</b>				
...	All causes	66	100.0	56.5	...	All causes	382	100.0	211.5
1	Accidents (unintentional injuries) (V01–X59, Y85–Y86)	35	53.0	30.0	1	Accidents (unintentional injuries) (V01–X59, Y85–Y86)	85	22.3	47.1
2	Intentional self-harm (suicide) (X60–X84, Y87.0)	9	13.6	*	2	Chronic liver disease and cirrhosis (K70, K73–K74)	51	13.4	28.2
3	Assault (homicide) (X85–Y09, Y87.1)	5	7.6	*	3	Malignant neoplasms (C00–C97)	50	13.1	27.7
4	Malignant neoplasms (C00–C97)	3	4.5	*	4	Diseases of heart (I00–I09, I11, I13, I20–I51)	31	8.1	17.2
5	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	2	3.0	*	5	Cerebrovascular diseases (I60–I69)	15	3.9	*
6	Diseases of heart (I00–I09, I11, I13, I20–I51)	1	1.5	*	6	Assault (homicide) (X85–Y09, Y87.1)	14	3.7	*
6	Pregnancy, childbirth and the puerperium (O00–O99)	1	1.5	*	7	Intentional self-harm (suicide) (X60–X84, Y87.0)	11	2.9	*
...	All other causes (Residual)	10	15.2	*	8	Diabetes mellitus (E10–E14)	9	2.4	*
					<b>American Indian, female, 45–54 years</b>				
...	All causes	382	100.0	211.5	...	All causes	382	100.0	211.5
1	Accidents (unintentional injuries) (V01–X59, Y85–Y86)	85	22.3	47.1	1	Accidents (unintentional injuries) (V01–X59, Y85–Y86)	85	22.3	47.1
2	Chronic liver disease and cirrhosis (K70, K73–K74)	51	13.4	28.2	2	Chronic liver disease and cirrhosis (K70, K73–K74)	51	13.4	28.2
3	Malignant neoplasms (C00–C97)	50	13.1	27.7	3	Malignant neoplasms (C00–C97)	50	13.1	27.7
4	Diseases of heart (I00–I09, I11, I13, I20–I51)	31	8.1	17.2	4	Diseases of heart (I00–I09, I11, I13, I20–I51)	31	8.1	17.2
5	Cerebrovascular diseases (I60–I69)	15	3.9	*	5	Cerebrovascular diseases (I60–I69)	15	3.9	*
6	Assault (homicide) (X85–Y09, Y87.1)	14	3.7	*	6	Assault (homicide) (X85–Y09, Y87.1)	14	3.7	*
7	Intentional self-harm (suicide) (X60–X84, Y87.0)	11	2.9	*	7	Intentional self-harm (suicide) (X60–X84, Y87.0)	11	2.9	*
8	Diabetes mellitus (E10–E14)	9	2.4	*	8	Diabetes mellitus (E10–E14)	9	2.4	*
9	Influenza and pneumonia (J10–J18)	8	2.1	*	9	Influenza and pneumonia (J10–J18)	8	2.1	*
10	Human immunodeficiency virus (HIV) disease (B20–B24)	7	1.8	*	10	Human immunodeficiency virus (HIV) disease (B20–B24)	7	1.8	*
...	All other causes (Residual)	101	26.4	55.9	...	All other causes (Residual)	101	26.4	55.9

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
American Indian, female, 45–54 years					American Indian, female, 65–74 years				
...	All causes . . . . .	483	100.0	365.0	...	All causes . . . . .	1,016	100.0	2,042.0
1	Malignant neoplasms . . . . . (C00–C97)	104	21.5	78.6	1	Malignant neoplasms . . . . . (C00–C97)	243	23.9	488.4
2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	68	14.1	51.4	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	231	22.7	464.3
3	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	59	12.2	44.6	3	Diabetes mellitus . . . . . (E10–E14)	137	13.5	275.3
4	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	42	8.7	31.7	4	Chronic lower respiratory diseases . . . . . (J40–J47)	55	5.4	110.5
5	Diabetes mellitus . . . . . (E10–E14)	31	6.4	23.4	5	Cerebrovascular diseases . . . . . (I60–I69)	46	4.5	92.5
6	Cerebrovascular diseases . . . . . (I60–I69)	19	3.9	*	6	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	32	3.1	64.3
7	Septicemia . . . . . (A40–A41)	11	2.3	*	7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	31	3.1	62.3
8	Influenza and pneumonia . . . . . (J10–J18)	9	1.9	*	8	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	30	3.0	60.3
8	Chronic lower respiratory diseases . . . . . (J40–J47)	9	1.9	*	9	Influenza and pneumonia . . . . . (J10–J18)	21	2.1	42.2
8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	9	1.9	*	10	Septicemia . . . . . (A40–A41)	15	1.5	*
8	Assault (homicide) . . . . . (X85–Y09,Y87.1)	9	1.9	*	...	All other causes . . . . . (Residual)	175	17.2	351.7
...	All other causes . . . . . (Residual)	113	23.4	85.4	American Indian, female, 75–84 years				
American Indian, female, 55–64 years					...	All causes . . . . .	1,077	100.0	3,673.0
...	All causes . . . . .	754	100.0	960.4	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	313	29.1	1,067.5
1	Malignant neoplasms . . . . . (C00–C97)	201	26.7	256.0	2	Malignant neoplasms . . . . . (C00–C97)	197	18.3	671.9
2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	144	19.1	183.4	3	Cerebrovascular diseases . . . . . (I60–I69)	91	8.4	310.3
3	Diabetes mellitus . . . . . (E10–E14)	87	11.5	110.8	4	Diabetes mellitus . . . . . (E10–E14)	84	7.8	286.5
4	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	53	7.0	67.5	5	Chronic lower respiratory diseases . . . . . (J40–J47)	76	7.1	259.2
5	Cerebrovascular diseases . . . . . (I60–I69)	37	4.9	47.1	6	Influenza and pneumonia . . . . . (J10–J18)	33	3.1	112.5
6	Chronic lower respiratory diseases . . . . . (J40–J47)	35	4.6	44.6	7	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	30	2.8	102.3
7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	30	4.0	38.2	7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	30	2.8	102.3
8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	19	2.5	*	9	Septicemia . . . . . (A40–A41)	18	1.7	*
9	Influenza and pneumonia . . . . . (J10–J18)	17	2.3	*	9	Alzheimer's disease . . . . . (G30)	18	1.7	*
10	Septicemia . . . . . (A40–A41)	16	2.1	*	...	All other causes . . . . . (Residual)	187	17.4	637.7
...	All other causes . . . . . (Residual)	115	15.3	146.5	American Indian, female, 85 years and over				
American Indian, female, 65 years and over					...	All causes . . . . .	890	100.0	6,395.1
...	All causes . . . . .	2,983	100.0	3,207.7	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	288	32.4	2,069.4
1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	832	27.9	894.7	2	Cerebrovascular diseases . . . . . (I60–I69)	94	10.6	675.4
2	Malignant neoplasms . . . . . (C00–C97)	509	17.1	547.3	3	Influenza and pneumonia . . . . . (J10–J18)	70	7.9	503.0
3	Diabetes mellitus . . . . . (E10–E14)	272	9.1	292.5	4	Malignant neoplasms . . . . . (C00–C97)	69	7.8	495.8
4	Cerebrovascular diseases . . . . . (I60–I69)	231	7.7	248.4	5	Diabetes mellitus . . . . . (E10–E14)	51	5.7	366.5
5	Chronic lower respiratory diseases . . . . . (J40–J47)	158	5.3	169.9	6	Alzheimer's disease . . . . . (G30)	35	3.9	251.5
6	Influenza and pneumonia . . . . . (J10–J18)	124	4.2	133.3	7	Chronic lower respiratory diseases . . . . . (J40–J47)	27	3.0	194.0
7	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	86	2.9	92.5	8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	24	2.7	172.5
8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	77	2.6	82.8	9	Septicemia . . . . . (A40–A41)	16	1.8	*
9	Alzheimer's disease . . . . . (G30)	61	2.0	65.6	9	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	16	1.8	*
10	Septicemia . . . . . (A40–A41)	49	1.6	52.7	...	All other causes . . . . . (Residual)	200	22.5	1,437.1
...	All other causes . . . . . (Residual)	584	19.6	628.0					

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>					
Asian or Pacific Islander, both sexes, all ages <sup>3</sup>					Asian or Pacific Islander, both sexes, 10–14 years									
...	All causes . . . . .	33,675	100.0	311.2	...	All causes . . . . .	112	100.0	13.6					
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	9,096	27.0	84.1	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	36	32.1	4.4					
2	Malignant neoplasms . . . . . (C00–C97)	8,813	26.2	81.4	2	Malignant neoplasms . . . . . (C00–C97)	18	16.1	*					
3	Cerebrovascular diseases . . . . . (I60–I69)	3,109	9.2	28.7	3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	7	6.3	*					
4	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,560	4.6	14.4	3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	7	6.3	*					
5	Diabetes mellitus . . . . . (E10–E14)	1,148	3.4	10.6	5	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	5	4.5	*					
6	Chronic lower respiratory diseases . . . . . (J40–J47)	1,125	3.3	10.4	6	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	3	2.7	*					
7	Influenza and pneumonia . . . . . (J10–J18)	845	2.5	7.8	7	Septicemia . . . . . (A40–A41)	2	1.8	*					
8	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	658	2.0	6.1	7	Influenza and pneumonia . . . . . (J10–J18)	2	1.8	*					
9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	579	1.7	5.4	9	Tuberculosis . . . . . (A16–A19)	1	0.9	*					
10	Septicemia . . . . . (A40–A41)	398	1.2	3.7	9	Pneumonitis due to solids and liquids . . . . . (J69)	1	0.9	*					
...	All other causes . . . . . (Residual)	6,344	18.8	58.6	9	Diseases of appendix . . . . . (K35–K38)	1	0.9	*					
Asian or Pacific Islander, both sexes, 1–4 years					9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	1	0.9	*					
...	All causes . . . . .	166	100.0	23.0	9	Certain conditions originating in the perinatal period . . . . . (P00–P96)	1	0.9	*					
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	46	27.7	6.4	...	All other causes . . . . . (Residual)	27	24.1	3.3					
2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	21	12.7	2.9	Asian or Pacific Islander, both sexes, 15–19 years									
3	Malignant neoplasms . . . . . (C00–C97)	12	7.2	*	...	All causes . . . . .	329	100.0	40.0					
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	10	6.0	*	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	137	41.6	16.7					
5	Septicemia . . . . . (A40–A41)	9	5.4	*	2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	51	15.5	6.2					
5	Influenza and pneumonia . . . . . (J10–J18)	9	5.4	*	3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	40	12.2	4.9					
7	Certain conditions originating in the perinatal period . . . . . (P00–P96)	7	4.2	*	4	Malignant neoplasms . . . . . (C00–C97)	34	10.3	4.1					
8	Chronic lower respiratory diseases . . . . . (J40–J47)	5	3.0	*	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	10	3.0	*					
9	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	4	2.4	*	6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	6	1.8	*					
10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	2	1.2	*	7	Influenza and pneumonia . . . . . (J10–J18)	4	1.2	*					
10	Cerebrovascular diseases . . . . . (I60–I69)	2	1.2	*	8	Cerebrovascular diseases . . . . . (I60–I69)	3	0.9	*					
10	Acute bronchitis and bronchiolitis . . . . . (J20–J21)	2	1.2	*	8	Chronic lower respiratory diseases . . . . . (J40–J47)	3	0.9	*					
...	All other causes . . . . . (Residual)	37	22.3	5.1	10	Meningococcal infection . . . . . (A39)	1	0.3	*					
Asian or Pacific Islander, both sexes, 5–9 years					10	Septicemia . . . . . (A40–A41)	1	0.3	*					
...	All causes . . . . .	96	100.0	11.0	10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	1	0.3	*					
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	27	28.1	3.1	10	Anemias . . . . . (D50–D64)	1	0.3	*					
2	Malignant neoplasms . . . . . (C00–C97)	25	26.0	2.9	...	All other causes . . . . . (Residual)	37	11.2	4.5					
3	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	10	10.4	*										
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	8	8.3	*										
5	Septicemia . . . . . (A40–A41)	3	3.1	*										
6	Certain conditions originating in the perinatal period . . . . . (P00–P96)	2	2.1	*										
7	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	1	1.0	*										
7	Influenza and pneumonia . . . . . (J10–J18)	1	1.0	*										
...	All other causes . . . . . (Residual)	19	19.8	*										

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Asian or Pacific Islander, both sexes, 20–24 years					Asian or Pacific Islander, both sexes, 35–44 years				
...	All causes	369	100.0	48.1	...	All causes	1,581	100.0	85.2
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	147	39.8	19.2	1	Malignant neoplasms (C00–C97)	507	32.1	27.3
2	Intentional self-harm (suicide) (X60–X84,Y87.0)	77	20.9	10.0	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	230	14.5	12.4
3	Assault (homicide) (X85–Y09,Y87.1)	42	11.4	5.5	3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	194	12.3	10.5
4	Malignant neoplasms (C00–C97)	32	8.7	4.2	4	Intentional self-harm (suicide) (X60–X84,Y87.0)	122	7.7	6.6
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	10	2.7	*	5	Cerebrovascular diseases (I60–I69)	82	5.2	4.4
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	6	1.6	*	6	Assault (homicide) (X85–Y09,Y87.1)	71	4.5	3.8
7	Septicemia (A40–A41)	4	1.1	*	7	Human immunodeficiency virus (HIV) disease (B20–B24)	41	2.6	2.2
8	Legal intervention (Y35,Y89.0)	3	0.8	*	8	Chronic liver disease and cirrhosis (K70,K73–K74)	34	2.2	1.8
9	Tuberculosis (A16–A19)	2	0.5	*	9	Viral hepatitis (B15–B19)	22	1.4	1.2
9	Human immunodeficiency virus (HIV) disease (B20–B24)	2	0.5	*	9	Diabetes mellitus (E10–E14)	22	1.4	1.2
9	Diabetes mellitus (E10–E14)	2	0.5	*	...	All other causes (Residual)	256	16.2	13.8
9	Cerebrovascular diseases (I60–I69)	2	0.5	*	Asian or Pacific Islander, both sexes, 45–54 years				
9	Chronic lower respiratory diseases (J40–J47)	2	0.5	*	...	All causes	2,876	100.0	210.2
9	Pregnancy, childbirth and the puerperium (O00–O99)	2	0.5	*	1	Malignant neoplasms (C00–C97)	1,145	39.8	83.7
...	All other causes (Residual)	36	9.8	4.7	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	545	18.9	39.8
Asian or Pacific Islander, both sexes, 25–34 years					3	Cerebrovascular diseases (I60–I69)	231	8.0	16.9
...	All causes	906	100.0	49.1	4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	169	5.9	12.4
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	214	23.6	11.6	5	Intentional self-harm (suicide) (X60–X84,Y87.0)	100	3.5	7.3
2	Intentional self-harm (suicide) (X60–X84,Y87.0)	166	18.3	9.0	6	Diabetes mellitus (E10–E14)	65	2.3	4.8
3	Malignant neoplasms (C00–C97)	161	17.8	8.7	7	Chronic liver disease and cirrhosis (K70,K73–K74)	58	2.0	4.2
4	Assault (homicide) (X85–Y09,Y87.1)	75	8.3	4.1	8	Assault (homicide) (X85–Y09,Y87.1)	50	1.7	3.7
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	74	8.2	4.0	9	Viral hepatitis (B15–B19)	49	1.7	3.6
6	Cerebrovascular diseases (I60–I69)	17	1.9	*	10	Chronic lower respiratory diseases (J40–J47)	32	1.1	2.3
7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	16	1.8	*	...	All other causes (Residual)	432	15.0	31.6
8	Human immunodeficiency virus (HIV) disease (B20–B24)	13	1.4	*	Asian or Pacific Islander, both sexes, 55–64 years				
9	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	11	1.2	*	...	All causes	4,247	100.0	557.2
10	Pregnancy, childbirth and the puerperium (O00–O99)	9	1.0	*	1	Malignant neoplasms (C00–C97)	1,660	39.1	217.8
...	All other causes (Residual)	150	16.6	8.1	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,033	24.3	135.5
See footnotes at end of table.					3	Cerebrovascular diseases (I60–I69)	354	8.3	46.4
					4	Diabetes mellitus (E10–E14)	172	4.0	22.6
					5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	152	3.6	19.9
					6	Chronic lower respiratory diseases (J40–J47)	87	2.0	11.4
					7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	73	1.7	9.6
					8	Viral hepatitis (B15–B19)	70	1.6	9.2
					9	Intentional self-harm (suicide) (X60–X84,Y87.0)	68	1.6	8.9
					10	Chronic liver disease and cirrhosis (K70,K73–K74)	55	1.3	7.2
					...	All other causes (Residual)	523	12.3	68.6



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[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Asian or Pacific Islander, both sexes, 65 years and over					Asian or Pacific Islander, both sexes, 85 years and over				
...	All causes . . . . .	22,281	100.0	2,783.4	...	All causes . . . . .	6,568	100.0	9,596.9
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	7,164	32.2	894.9	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	2,507	38.2	3,663.1
2	Malignant neoplasms . . . . . (C00–C97)	5,215	23.4	651.5	2	Malignant neoplasms . . . . . (C00–C97)	835	12.7	1,220.1
3	Cerebrovascular diseases . . . . . (I60–I69)	2,414	10.8	301.6	3	Cerebrovascular diseases . . . . . (I60–I69)	824	12.5	1,204.0
4	Chronic lower respiratory diseases . . . . . (J40–J47)	978	4.4	122.2	4	Influenza and pneumonia . . . . . (J10–J18)	347	5.3	507.0
5	Diabetes mellitus . . . . . (E10–E14)	884	4.0	110.4	5	Chronic lower respiratory diseases . . . . . (J40–J47)	262	4.0	382.8
6	Influenza and pneumonia . . . . . (J10–J18)	739	3.3	92.3	6	Diabetes mellitus . . . . . (E10–E14)	190	2.9	277.6
7	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	461	2.1	57.6	7	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	149	2.3	217.7
8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	419	1.9	52.3	8	Alzheimer's disease . . . . . (G30)	125	1.9	182.6
9	Septicemia . . . . . (A40–A41)	295	1.3	36.9	9	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	114	1.7	166.6
9	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	295	1.3	36.9	10	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	105	1.6	153.4
...	All other causes . . . . . (Residual)	3,417	15.3	426.9	...	All other causes . . . . . (Residual)	1,110	16.9	1,621.9
Asian or Pacific Islander, both sexes, 65–74 years					Asian or Pacific Islander, male, all ages <sup>3</sup>				
...	All causes . . . . .	6,877	100.0	1,401.7	...	All causes . . . . .	18,330	100.0	352.7
1	Malignant neoplasms . . . . . (C00–C97)	2,336	34.0	476.1	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	5,154	28.1	99.2
2	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	1,851	26.9	377.3	2	Malignant neoplasms . . . . . (C00–C97)	4,637	25.3	89.2
3	Cerebrovascular diseases . . . . . (I60–I69)	597	8.7	121.7	3	Cerebrovascular diseases . . . . . (I60–I69)	1,488	8.1	28.6
4	Diabetes mellitus . . . . . (E10–E14)	322	4.7	65.6	4	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	974	5.3	18.7
5	Chronic lower respiratory diseases . . . . . (J40–J47)	298	4.3	60.7	5	Chronic lower respiratory diseases . . . . . (J40–J47)	718	3.9	13.8
6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	148	2.2	30.2	6	Diabetes mellitus . . . . . (E10–E14)	523	2.9	10.1
7	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	130	1.9	26.5	7	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	467	2.5	9.0
8	Influenza and pneumonia . . . . . (J10–J18)	103	1.5	21.0	8	Influenza and pneumonia . . . . . (J10–J18)	465	2.5	8.9
9	Septicemia . . . . . (A40–A41)	83	1.2	16.9	9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	297	1.6	5.7
10	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	73	1.1	14.9	10	Assault (homicide) . . . . . (X85–Y09,Y87.1)	230	1.3	4.4
10	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	73	1.1	14.9	...	All other causes . . . . . (Residual)	3,377	18.4	65.0
...	All other causes . . . . . (Residual)	863	12.5	175.9	Asian or Pacific Islander, male, 1–4 years				
Asian or Pacific Islander, both sexes, 75–84 years					...	All causes . . . . .	97	100.0	26.6
...	All causes . . . . .	8,836	100.0	3,659.7	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	26	26.8	7.1
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	2,806	31.8	1,162.2	2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	10	10.3	*
2	Malignant neoplasms . . . . . (C00–C97)	2,044	23.1	846.6	3	Certain conditions originating in the perinatal period . . . . . (P00–P96)	7	7.2	*
3	Cerebrovascular diseases . . . . . (I60–I69)	993	11.2	411.3	3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	7	7.2	*
4	Chronic lower respiratory diseases . . . . . (J40–J47)	418	4.7	173.1	5	Malignant neoplasms . . . . . (C00–C97)	6	6.2	*
5	Diabetes mellitus . . . . . (E10–E14)	372	4.2	154.1	6	Septicemia . . . . . (A40–A41)	5	5.2	*
6	Influenza and pneumonia . . . . . (J10–J18)	289	3.3	119.7	6	Influenza and pneumonia . . . . . (J10–J18)	5	5.2	*
7	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	182	2.1	75.4	8	Chronic lower respiratory diseases . . . . . (J40–J47)	3	3.1	*
8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	157	1.8	65.0	9	Cerebrovascular diseases . . . . . (I60–I69)	2	2.1	*
9	Septicemia . . . . . (A40–A41)	118	1.3	48.9	9	Acute bronchitis and bronchiolitis . . . . . (J20–J21)	2	2.1	*
10	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	117	1.3	48.5	...	All other causes . . . . . (Residual)	24	24.7	6.6
...	All other causes . . . . . (Residual)	1,340	15.2	555.0					

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Asian or Pacific Islander, male, 5–9 years					Asian or Pacific Islander, male, 20–24 years				
...	All causes . . . . .	48	100.0	10.6	...	All causes . . . . .	245	100.0	64.5
1	Accidents (unintentional injuries) . . . . . (V01–X59, Y85–Y86)	16	33.3	*	1	Accidents (unintentional injuries) . . . . . (V01–X59, Y85–Y86)	105	42.9	27.6
2	Malignant neoplasms . . . . . (C00–C97)	13	27.1	*	2	Intentional self-harm (suicide) . . . . . (X60–X84, Y87.0)	55	22.4	14.5
3	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	6	12.5	*	3	Assault (homicide) . . . . . (X85–Y09, Y87.1)	27	11.0	7.1
4	Assault (homicide) . . . . . (X85–Y09, Y87.1)	3	6.3	*	4	Malignant neoplasms . . . . . (C00–C97)	23	9.4	6.1
5	Diseases of heart . . . . . (I00–I09, I11, I13, I20–I51)	1	2.1	*	5	Diseases of heart . . . . . (I00–I09, I11, I13, I20–I51)	7	2.9	*
5	Certain conditions originating in the perinatal period . . . . . (P00–P96)	1	2.1	*	6	Legal intervention . . . . . (Y35, Y89.0)	3	1.2	*
...	All other causes . . . . . (Residual)	8	16.7	*	7	Septicemia . . . . . (A40–A41)	2	0.8	*
Asian or Pacific Islander, male, 10–14 years					Asian or Pacific Islander, male, 25–34 years				
...	All causes . . . . .	65	100.0	15.4	...	All causes . . . . .	586	100.0	68.4
1	Accidents (unintentional injuries) . . . . . (V01–X59, Y85–Y86)	24	36.9	5.7	1	Accidents (unintentional injuries) . . . . . (V01–X59, Y85–Y86)	157	26.8	18.3
2	Malignant neoplasms . . . . . (C00–C97)	7	10.8	*	2	Intentional self-harm (suicide) . . . . . (X60–X84, Y87.0)	119	20.3	13.9
3	Intentional self-harm (suicide) . . . . . (X60–X84, Y87.0)	6	9.2	*	3	Malignant neoplasms . . . . . (C00–C97)	87	14.8	10.2
4	Assault (homicide) . . . . . (X85–Y09, Y87.1)	4	6.2	*	4	Diseases of heart . . . . . (I00–I09, I11, I13, I20–I51)	52	8.9	6.1
5	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	3	4.6	*	5	Assault (homicide) . . . . . (X85–Y09, Y87.1)	51	8.7	6.0
6	Diseases of heart . . . . . (I00–I09, I11, I13, I20–I51)	2	3.1	*	6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	10	1.7	*
7	Tuberculosis . . . . . (A16–A19)	1	1.5	*	6	Cerebrovascular diseases . . . . . (I60–I69)	10	1.7	*
7	Septicemia . . . . . (A40–A41)	1	1.5	*	8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	8	1.4	*
7	Influenza and pneumonia . . . . . (J10–J18)	1	1.5	*	9	Chronic liver disease and cirrhosis . . . . . (K70, K73–K74)	6	1.0	*
7	Diseases of appendix . . . . . (K35–K38)	1	1.5	*	10	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	5	0.9	*
7	Certain conditions originating in the perinatal period . . . . . (P00–P96)	1	1.5	*	...	All other causes . . . . . (Residual)	81	13.8	9.5
...	All other causes . . . . . (Residual)	14	21.5	*	Asian or Pacific Islander, male, 35–44 years				
Asian or Pacific Islander, male, 15–19 years					...	All causes . . . . .	992	100.0	112.4
...	All causes . . . . .	222	100.0	53.4	1	Malignant neoplasms . . . . . (C00–C97)	235	23.7	26.6
1	Accidents (unintentional injuries) . . . . . (V01–X59, Y85–Y86)	93	41.9	22.4	2	Diseases of heart . . . . . (I00–I09, I11, I13, I20–I51)	187	18.9	21.2
2	Assault (homicide) . . . . . (X85–Y09, Y87.1)	44	19.8	10.6	3	Accidents (unintentional injuries) . . . . . (V01–X59, Y85–Y86)	133	13.4	15.1
3	Intentional self-harm (suicide) . . . . . (X60–X84, Y87.0)	27	12.2	6.5	4	Intentional self-harm (suicide) . . . . . (X60–X84, Y87.0)	90	9.1	10.2
4	Malignant neoplasms . . . . . (C00–C97)	25	11.3	6.0	5	Cerebrovascular diseases . . . . . (I60–I69)	44	4.4	5.0
5	Diseases of heart . . . . . (I00–I09, I11, I13, I20–I51)	7	3.2	*	6	Assault (homicide) . . . . . (X85–Y09, Y87.1)	41	4.1	4.6
6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	2	0.9	*	7	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	36	3.6	4.1
7	Anemias . . . . . (D50–D64)	1	0.5	*	8	Chronic liver disease and cirrhosis . . . . . (K70, K73–K74)	28	2.8	3.2
7	Cerebrovascular diseases . . . . . (I60–I69)	1	0.5	*	9	Viral hepatitis . . . . . (B15–B19)	17	1.7	*
7	Influenza and pneumonia . . . . . (J10–J18)	1	0.5	*	10	Diabetes mellitus . . . . . (E10–E14)	13	1.3	*
7	Chronic lower respiratory diseases . . . . . (J40–J47)	1	0.5	*	...	All other causes . . . . . (Residual)	168	16.9	19.0
...	All other causes . . . . . (Residual)	20	9.0	4.8					

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Asian or Pacific Islander, male, 45–54 years					Asian or Pacific Islander, male, 65–74 years				
...	All causes . . . . .	1,608	100.0	252.2	...	All causes . . . . .	3,736	100.0	1,808.0
1	Malignant neoplasms . . . . . (C00–C97)	538	33.5	84.4	1	Malignant neoplasms . . . . . (C00–C97)	1,259	33.7	609.3
2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	408	25.4	64.0	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	1,081	28.9	523.1
3	Cerebrovascular diseases . . . . . (I60–I69)	116	7.2	18.2	3	Cerebrovascular diseases . . . . . (I60–I69)	293	7.8	141.8
4	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	91	5.7	14.3	4	Chronic lower respiratory diseases . . . . . (J40–J47)	181	4.8	87.6
5	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	70	4.4	11.0	5	Diabetes mellitus . . . . . (E10–E14)	142	3.8	68.7
6	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	46	2.9	7.2	6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	74	2.0	35.8
7	Viral hepatitis . . . . . (B15–B19)	37	2.3	5.8	7	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	70	1.9	33.9
8	Diabetes mellitus . . . . . (E10–E14)	33	2.1	5.2	8	Influenza and pneumonia . . . . . (J10–J18)	66	1.8	31.9
9	Assault (homicide) . . . . . (X85–Y09,Y87.1)	29	1.8	4.5	9	Septicemia . . . . . (A40–A41)	40	1.1	19.4
10	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	21	1.3	3.3	10	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	36	1.0	17.4
...	All other causes . . . . . (Residual)	219	13.6	34.4	...	All other causes . . . . . (Residual)	494	13.2	239.1
Asian or Pacific Islander, male, 55–64 years					Asian or Pacific Islander, male, 75–84 years				
...	All causes . . . . .	2,498	100.0	701.6	...	All causes . . . . .	4,694	100.0	4,581.6
1	Malignant neoplasms . . . . . (C00–C97)	867	34.7	243.5	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	1,495	31.8	1,459.2
2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	722	28.9	202.8	2	Malignant neoplasms . . . . . (C00–C97)	1,112	23.7	1,085.4
3	Cerebrovascular diseases . . . . . (I60–I69)	185	7.4	52.0	3	Cerebrovascular diseases . . . . . (I60–I69)	484	10.3	472.4
4	Diabetes mellitus . . . . . (E10–E14)	99	4.0	27.8	4	Chronic lower respiratory diseases . . . . . (J40–J47)	285	6.1	278.2
5	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	85	3.4	23.9	5	Diabetes mellitus . . . . . (E10–E14)	160	3.4	156.2
6	Chronic lower respiratory diseases . . . . . (J40–J47)	54	2.2	15.2	6	Influenza and pneumonia . . . . . (J10–J18)	158	3.4	154.2
7	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	52	2.1	14.6	7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	97	2.1	94.7
8	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	41	1.6	11.5	8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	87	1.9	84.9
8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	41	1.6	11.5	9	Septicemia . . . . . (A40–A41)	61	1.3	59.5
10	Viral hepatitis . . . . . (B15–B19)	39	1.6	11.0	10	Aortic aneurysm and dissection . . . . . (I71)	59	1.3	57.6
...	All other causes . . . . . (Residual)	313	12.5	87.9	...	All other causes . . . . . (Residual)	696	14.8	679.3
Asian or Pacific Islander, male, 65 years and over					Asian or Pacific Islander, male, 85 years and over				
...	All causes . . . . .	11,592	100.0	3,440.1	...	All causes . . . . .	3,162	100.0	11,343.5
1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	3,755	32.4	1,114.3	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	1,179	37.3	4,229.6
2	Malignant neoplasms . . . . . (C00–C97)	2,833	24.4	840.7	2	Malignant neoplasms . . . . . (C00–C97)	462	14.6	1,657.4
3	Cerebrovascular diseases . . . . . (I60–I69)	1,125	9.7	333.9	3	Cerebrovascular diseases . . . . . (I60–I69)	348	11.0	1,248.4
4	Chronic lower respiratory diseases . . . . . (J40–J47)	628	5.4	186.4	4	Influenza and pneumonia . . . . . (J10–J18)	179	5.7	642.2
5	Influenza and pneumonia . . . . . (J10–J18)	403	3.5	119.6	5	Chronic lower respiratory diseases . . . . . (J40–J47)	162	5.1	581.2
6	Diabetes mellitus . . . . . (E10–E14)	376	3.2	111.6	6	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	77	2.4	276.2
7	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	234	2.0	69.4	7	Diabetes mellitus . . . . . (E10–E14)	74	2.3	265.5
8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	231	2.0	68.6	8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	60	1.9	215.2
9	Septicemia . . . . . (A40–A41)	147	1.3	43.6	9	Alzheimer's disease . . . . . (G30)	48	1.5	172.2
10	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	124	1.1	36.8	10	Septicemia . . . . . (A40–A41)	46	1.5	165.0
...	All other causes . . . . . (Residual)	1,736	15.0	515.2	...	All other causes . . . . . (Residual)	527	16.7	1,890.6

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Asian or Pacific Islander, female, all ages <sup>3</sup>					Asian or Pacific Islander, female, 10–14 years				
...	All causes . . . . .	15,345	100.0	272.8	...	All causes . . . . .	47	100.0	11.7
1	Malignant neoplasms . . . . . (C00–C97)	4,176	27.2	74.3	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	12	25.5	*
2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	3,942	25.7	70.1	2	Malignant neoplasms . . . . . (C00–C97)	11	23.4	*
3	Cerebrovascular diseases . . . . . (I60–I69)	1,621	10.6	28.8	3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	3	6.4	*
4	Diabetes mellitus . . . . . (E10–E14)	625	4.1	11.1	4	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	2	4.3	*
5	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	586	3.8	10.4	5	Septicemia . . . . . (A40–A41)	1	2.1	*
6	Chronic lower respiratory diseases . . . . . (J40–J47)	407	2.7	7.2	5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	1	2.1	*
7	Influenza and pneumonia . . . . . (J10–J18)	380	2.5	6.8	5	Influenza and pneumonia . . . . . (J10–J18)	1	2.1	*
8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	282	1.8	5.0	5	Pneumonitis due to solids and liquids . . . . . (J69)	1	2.1	*
9	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	197	1.3	3.5	5	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	1	2.1	*
10	Septicemia . . . . . (A40–A41)	196	1.3	3.5	5	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	1	2.1	*
...	All other causes . . . . . (Residual)	2,933	19.1	52.2	...	All other causes . . . . . (Residual)	13	27.7	*
Asian or Pacific Islander, female, 1–4 years					Asian or Pacific Islander, female, 15–19 years				
...	All causes . . . . .	69	100.0	19.4	...	All causes . . . . .	107	100.0	26.3
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	20	29.0	5.6	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	44	41.1	10.8
2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	11	15.9	*	2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	13	12.1	*
3	Malignant neoplasms . . . . . (C00–C97)	6	8.7	*	3	Malignant neoplasms . . . . . (C00–C97)	9	8.4	*
4	Septicemia . . . . . (A40–A41)	4	5.8	*	4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	7	6.5	*
4	Influenza and pneumonia . . . . . (J10–J18)	4	5.8	*	5	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	4	3.7	*
6	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	3	4.3	*	6	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	3	2.8	*
6	Assault (homicide) . . . . . (X85–Y09,Y87.1)	3	4.3	*	6	Influenza and pneumonia . . . . . (J10–J18)	3	2.8	*
8	Chronic lower respiratory diseases . . . . . (J40–J47)	2	2.9	*	8	Cerebrovascular diseases . . . . . (I60–I69)	2	1.9	*
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	1	1.4	*	8	Chronic lower respiratory diseases . . . . . (J40–J47)	2	1.9	*
9	Meningitis . . . . . (G00,G03)	1	1.4	*	10	Meningococcal infection . . . . . (A39)	1	0.9	*
9	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	1	1.4	*	10	Septicemia . . . . . (A40–A41)	1	0.9	*
...	All other causes . . . . . (Residual)	13	18.8	*	10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	1	0.9	*
Asian or Pacific Islander, female, 5–9 years					Asian or Pacific Islander, female, 20–24 years				
...	All causes . . . . .	48	100.0	11.3	...	All causes . . . . .	124	100.0	32.0
1	Malignant neoplasms . . . . . (C00–C97)	12	25.0	*	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	42	33.9	10.8
2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	11	22.9	*	2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	22	17.7	5.7
3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	5	10.4	*	3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	15	12.1	*
4	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	4	8.3	*	4	Malignant neoplasms . . . . . (C00–C97)	9	7.3	*
5	Septicemia . . . . . (A40–A41)	3	6.3	*	5	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	4	3.2	*
6	Influenza and pneumonia . . . . . (J10–J18)	1	2.1	*	6	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	3	2.4	*
6	Certain conditions originating in the perinatal period . . . . . (P00–P96)	1	2.1	*	7	Tuberculosis . . . . . (A16–A19)	2	1.6	*
...	All other causes . . . . . (Residual)	11	22.9	*	7	Septicemia . . . . . (A40–A41)	2	1.6	*
					7	Diabetes mellitus . . . . . (E10–E14)	2	1.6	*
					7	Pregnancy, childbirth and the puerperium . . . . . (O00–O99)	2	1.6	*
					...	All other causes . . . . . (Residual)	21	16.9	5.4

See footnotes at end of table.

**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup> Rate <sup>2</sup>		Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup> Rate <sup>2</sup>	
Asian or Pacific Islander, female, 25–34 years					Asian or Pacific Islander, female, 45–54 years				
...	All causes . . . . .	320	100.0	32.4	...	All causes . . . . .	1,268	100.0	173.5
1	Malignant neoplasms . . . . . (C00–C97)	74	23.1	7.5	1	Malignant neoplasms . . . . . (C00–C97)	607	47.9	83.1
2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	57	17.8	5.8	2	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	137	10.8	18.7
3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	47	14.7	4.8	3	Cerebrovascular diseases . . . . . (I60–I69)	115	9.1	15.7
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	24	7.5	2.4	4	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	78	6.2	10.7
5	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	22	6.9	2.2	5	Diabetes mellitus . . . . . (E10–E14)	32	2.5	4.4
6	Pregnancy, childbirth and the puerperium . . . . . (O00–O99)	9	2.8	*	6	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	30	2.4	4.1
7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	8	2.5	*	7	Assault (homicide) . . . . . (X85–Y09,Y87.1)	21	1.7	2.9
8	Cerebrovascular diseases . . . . . (I60–I69)	7	2.2	*	8	Chronic lower respiratory diseases . . . . . (J40–J47)	14	1.1	*
9	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	6	1.9	*	9	Septicemia . . . . . (A40–A41)	13	1.0	*
10	Chronic lower respiratory diseases . . . . . (J40–J47)	4	1.3	*	10	Viral hepatitis . . . . . (B15–B19)	12	0.9	*
10	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	4	1.3	*	10	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	12	0.9	*
...	All other causes . . . . . (Residual)	58	18.1	5.9	10	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	12	0.9	*
Asian or Pacific Islander, female, 35–44 years					...	All other causes . . . . . (Residual)	185	14.6	25.3
...	All causes . . . . .	589	100.0	60.6	Asian or Pacific Islander, female, 55–64 years				
1	Malignant neoplasms . . . . . (C00–C97)	272	46.2	28.0	...	All causes . . . . .	1,749	100.0	430.6
2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	61	10.4	6.3	1	Malignant neoplasms . . . . . (C00–C97)	793	45.3	195.2
3	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	43	7.3	4.4	2	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	311	17.8	76.6
4	Cerebrovascular diseases . . . . . (I60–I69)	38	6.5	3.9	3	Cerebrovascular diseases . . . . . (I60–I69)	169	9.7	41.6
5	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	32	5.4	3.3	4	Diabetes mellitus . . . . . (E10–E14)	73	4.2	18.0
6	Assault (homicide) . . . . . (X85–Y09,Y87.1)	30	5.1	3.1	5	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	67	3.8	16.5
7	Diabetes mellitus . . . . . (E10–E14)	9	1.5	*	6	Chronic lower respiratory diseases . . . . . (J40–J47)	33	1.9	8.1
8	Pregnancy, childbirth and the puerperium . . . . . (O00–O99)	7	1.2	*	7	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	32	1.8	7.9
9	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	6	1.0	*	8	Viral hepatitis . . . . . (B15–B19)	31	1.8	7.6
10	Viral hepatitis . . . . . (B15–B19)	5	0.8	*	9	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	16	0.9	*
10	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	5	0.8	*	10	Influenza and pneumonia . . . . . (J10–J18)	15	0.9	*
10	Influenza and pneumonia . . . . . (J10–J18)	5	0.8	*	...	All other causes . . . . . (Residual)	209	11.9	51.5
...	All other causes . . . . . (Residual)	76	12.9	7.8					

See footnotes at end of table.



**Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 1999—Con.**

[Rates per 100,000 population in specified group. Data for races other than white and black should be interpreted with caution because of inconsistencies between reporting race on death certificates and on censuses and surveys; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Asian or Pacific Islander, female, 65 years and over					Asian or Pacific Islander, female, 75–84 years				
...	All causes . . . . .	10,689	100.0	2,306.0	...	All causes . . . . .	4,142	100.0	2,980.1
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	3,409	31.9	735.4	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	1,311	31.7	943.2
2	Malignant neoplasms . . . . . (C00–C97)	2,382	22.3	513.9	2	Malignant neoplasms . . . . . (C00–C97)	932	22.5	670.6
3	Cerebrovascular diseases . . . . . (I60–I69)	1,289	12.1	278.1	3	Cerebrovascular diseases . . . . . (I60–I69)	509	12.3	366.2
4	Diabetes mellitus . . . . . (E10–E14)	508	4.8	109.6	4	Diabetes mellitus . . . . . (E10–E14)	212	5.1	152.5
5	Chronic lower respiratory diseases . . . . . (J40–J47)	350	3.3	75.5	5	Chronic lower respiratory diseases . . . . . (J40–J47)	133	3.2	95.7
6	Influenza and pneumonia . . . . . (J10–J18)	336	3.1	72.5	6	Influenza and pneumonia . . . . . (J10–J18)	131	3.2	94.3
7	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	227	2.1	49.0	7	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	95	2.3	68.4
8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	188	1.8	40.6	8	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	69	1.7	49.6
9	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	171	1.6	36.9	9	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	60	1.4	43.2
10	Septicemia . . . . . (A40–A41)	148	1.4	31.9	10	Septicemia . . . . . (A40–A41)	57	1.4	41.0
...	All other causes . . . . . (Residual)	1,681	15.7	362.7	...	All other causes . . . . . (Residual)	633	15.3	455.4
Asian or Pacific Islander, female, 65–74 years					Asian or Pacific Islander, female, 85 years and over				
...	All causes . . . . .	3,141	100.0	1,106.1	...	All causes . . . . .	3,406	100.0	8,396.6
1	Malignant neoplasms . . . . . (C00–C97)	1,077	34.3	379.3	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	1,328	39.0	3,273.8
2	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	770	24.5	271.2	2	Cerebrovascular diseases . . . . . (I60–I69)	476	14.0	1,173.5
3	Cerebrovascular diseases . . . . . (I60–I69)	304	9.7	107.1	3	Malignant neoplasms . . . . . (C00–C97)	373	11.0	919.5
4	Diabetes mellitus . . . . . (E10–E14)	180	5.7	63.4	4	Influenza and pneumonia . . . . . (J10–J18)	168	4.9	414.2
5	Chronic lower respiratory diseases . . . . . (J40–J47)	117	3.7	41.2	5	Diabetes mellitus . . . . . (E10–E14)	116	3.4	286.0
6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	74	2.4	26.1	6	Chronic lower respiratory diseases . . . . . (J40–J47)	100	2.9	246.5
7	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	60	1.9	21.1	7	Alzheimer's disease . . . . . (G30)	77	2.3	189.8
8	Septicemia . . . . . (A40–A41)	43	1.4	15.1	8	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	72	2.1	177.5
9	Viral hepatitis . . . . . (B15–B19)	40	1.3	14.1	9	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	65	1.9	160.2
10	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	38	1.2	13.4	10	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	54	1.6	133.1
...	All other causes . . . . . (Residual)	438	13.9	154.2	...	All other causes . . . . . (Residual)	577	16.9	1,422.4

... Category not applicable.

\* Figure does not meet standards of reliability or precision; see Technical notes.

<sup>1</sup>Rank based on number of deaths

<sup>2</sup>Figures for age not stated are included in "All ages" but not distributed among age groups.

<sup>3</sup>Includes deaths for "Under 1 year."

**Table 2. Deaths, percent 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, 1999**

[Rates per 100,000 population 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 by race, data for non-Hispanic persons are tabulated by race]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Hispanic, both sexes, all ages <sup>3</sup>					Hispanic, both sexes, 10–14 years				
...	All causes . . . . .	103,740	100.0	331.0	...	All causes . . . . .	550	100.0	20.1
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	25,866	24.9	82.5	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	192	34.9	7.0
2	Malignant neoplasms . . . . . (C00–C97)	20,233	19.5	64.6	2	Malignant neoplasms . . . . . (C00–C97)	89	16.2	3.2
3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	8,650	8.3	27.6	3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	60	10.9	2.2
4	Cerebrovascular diseases . . . . . (I60–I69)	5,907	5.7	18.8	4	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	30	5.5	1.1
5	Diabetes mellitus . . . . . (E10–E14)	5,182	5.0	16.5	5	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	26	4.7	0.9
6	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	2,972	2.9	9.5	6	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	18	3.3	*
7	Assault (homicide) . . . . . (X85–Y09,Y87.1)	2,864	2.8	9.1	7	Chronic lower respiratory diseases . . . . . (J40–J47)	11	2.0	*
8	Chronic lower respiratory diseases . . . . . (J40–J47)	2,859	2.8	9.1	8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	6	1.1	*
9	Influenza and pneumonia . . . . . (J10–J18)	2,246	2.2	7.2	9	Cerebrovascular diseases . . . . . (I60–I69)	5	0.9	*
10	Certain conditions originating in the perinatal period . . . . . (P00–P96)	2,153	2.1	6.9	9	Influenza and pneumonia . . . . . (J10–J18)	5	0.9	*
...	All other causes . . . . . (Residual)	24,808	23.9	79.2	9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	5	0.9	*
Hispanic, both sexes, 1–4 years					...	All other causes . . . . . (Residual)	103	18.7	3.8
...	All causes . . . . .	882	100.0	32.1	Hispanic, both sexes, 15–19 years				
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	341	38.7	12.4	...	All causes . . . . .	1,871	100.0	67.3
2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	101	11.5	3.7	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	800	42.8	28.8
3	Malignant neoplasms . . . . . (C00–C97)	72	8.2	2.6	2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	482	25.8	17.3
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	52	5.9	1.9	3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	175	9.4	6.3
5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	33	3.7	1.2	4	Malignant neoplasms . . . . . (C00–C97)	94	5.0	3.4
6	Certain conditions originating in the perinatal period . . . . . (P00–P96)	18	2.0	*	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	52	2.8	1.9
7	Influenza and pneumonia . . . . . (J10–J18)	17	1.9	*	6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	27	1.4	1.0
8	Septicemia . . . . . (A40–A41)	14	1.6	*	7	Cerebrovascular diseases . . . . . (I60–I69)	10	0.5	*
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	12	1.4	*	7	Influenza and pneumonia . . . . . (J10–J18)	10	0.5	*
10	Chronic lower respiratory diseases . . . . . (J40–J47)	8	0.9	*	9	Chronic lower respiratory diseases . . . . . (J40–J47)	8	0.4	*
...	All other causes . . . . . (Residual)	214	24.3	7.8	10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	7	0.4	*
Hispanic, both sexes, 5–9 years					...	All other causes . . . . . (Residual)	206	11.0	7.4
...	All causes . . . . .	464	100.0	14.3	Hispanic, both sexes, 20–24 years				
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	170	36.6	5.2	...	All causes . . . . .	2,634	100.0	97.9
2	Malignant neoplasms . . . . . (C00–C97)	87	18.8	2.7	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,146	43.5	42.6
3	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	31	6.7	1.0	2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	637	24.2	23.7
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	29	6.3	0.9	3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	216	8.2	8.0
5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	18	3.9	*	4	Malignant neoplasms . . . . . (C00–C97)	165	6.3	6.1
6	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	11	2.4	*	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	64	2.4	2.4
7	Chronic lower respiratory diseases . . . . . (J40–J47)	7	1.5	*	6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	29	1.1	1.1
8	Septicemia . . . . . (A40–A41)	6	1.3	*	6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	29	1.1	1.1
9	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	5	1.1	*	8	Cerebrovascular diseases . . . . . (I60–I69)	22	0.8	0.8
9	Influenza and pneumonia . . . . . (J10–J18)	5	1.1	*	9	Influenza and pneumonia . . . . . (J10–J18)	15	0.6	*
9	Diseases of appendix . . . . . (K35–K38)	5	1.1	*	10	Pregnancy, childbirth and the puerperium . . . . . (O00–O99)	13	0.5	*
...	All other causes . . . . . (Residual)	90	19.4	2.8	...	All other causes . . . . . (Residual)	298	11.3	11.1

See footnotes at end of table.

**Table 2. Deaths, percent 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, 1999—Con.**

[Rates per 100,000 population 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 by race, data for non-Hispanic persons are tabulated by race]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Hispanic, both sexes, 25–34 years					Hispanic, both sexes, 55–64 years				
...	All causes . . . . .	5,397	100.0	103.2	...	All causes . . . . .	12,319	100.0	733.7
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,790	33.2	34.2	1	Malignant neoplasms . . . . . (C00–C97)	3,686	29.9	219.5
2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	801	14.8	15.3	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	3,155	25.6	187.9
3	Malignant neoplasms . . . . . (C00–C97)	466	8.6	8.9	3	Diabetes mellitus . . . . . (E10–E14)	927	7.5	55.2
4	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	423	7.8	8.1	4	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	638	5.2	38.0
5	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	407	7.5	7.8	5	Cerebrovascular diseases . . . . . (I60–I69)	617	5.0	36.7
6	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	286	5.3	5.5	6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	466	3.8	27.8
7	Cerebrovascular diseases . . . . . (I60–I69)	102	1.9	2.0	7	Chronic lower respiratory diseases . . . . . (J40–J47)	239	1.9	14.2
8	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	80	1.5	1.5	8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	230	1.9	13.7
9	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	54	1.0	1.0	9	Influenza and pneumonia . . . . . (J10–J18)	155	1.3	9.2
10	Diabetes mellitus . . . . . (E10–E14)	43	0.8	0.8	10	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	137	1.1	8.2
...	All other causes . . . . . (Residual)	945	17.5	18.1	...	All other causes . . . . . (Residual)	2,069	16.8	123.2
Hispanic, both sexes, 35–44 years					Hispanic, both sexes, 65 years and over				
...	All causes . . . . .	7,798	100.0	164.2	...	All causes . . . . .	57,471	100.0	3,114.4
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,607	20.6	33.8	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	19,571	34.1	1,060.6
2	Malignant neoplasms . . . . . (C00–C97)	1,204	15.4	25.4	2	Malignant neoplasms . . . . . (C00–C97)	11,838	20.6	641.5
3	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	855	11.0	18.0	3	Cerebrovascular diseases . . . . . (I60–I69)	4,419	7.7	239.5
4	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	761	9.8	16.0	4	Diabetes mellitus . . . . . (E10–E14)	3,624	6.3	196.4
5	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	518	6.6	10.9	5	Chronic lower respiratory diseases . . . . . (J40–J47)	2,348	4.1	127.2
6	Assault (homicide) . . . . . (X85–Y09,Y87.1)	432	5.5	9.1	6	Influenza and pneumonia . . . . . (J10–J18)	1,773	3.1	96.1
7	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	369	4.7	7.8	7	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	1,126	2.0	61.0
8	Cerebrovascular diseases . . . . . (I60–I69)	241	3.1	5.1	8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,034	1.8	56.0
9	Diabetes mellitus . . . . . (E10–E14)	157	2.0	3.3	9	Alzheimer's disease . . . . . (G30)	963	1.7	52.2
10	Viral hepatitis . . . . . (B15–B19)	104	1.3	2.2	10	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	941	1.6	51.0
...	All other causes . . . . . (Residual)	1,550	19.9	32.6	...	All other causes . . . . . (Residual)	9,834	17.1	532.9
Hispanic, both sexes, 45–54 years					Hispanic, both sexes, 65–74 years				
...	All causes . . . . .	9,876	100.0	338.8	...	All causes . . . . .	19,201	100.0	1,742.8
1	Malignant neoplasms . . . . . (C00–C97)	2,516	25.5	86.3	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	5,557	28.9	504.4
2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	1,806	18.3	62.0	2	Malignant neoplasms . . . . . (C00–C97)	5,394	28.1	489.6
3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	926	9.4	31.8	3	Diabetes mellitus . . . . . (E10–E14)	1,551	8.1	140.8
4	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	787	8.0	27.0	4	Cerebrovascular diseases . . . . . (I60–I69)	1,211	6.3	109.9
5	Cerebrovascular diseases . . . . . (I60–I69)	464	4.7	15.9	5	Chronic lower respiratory diseases . . . . . (J40–J47)	649	3.4	58.9
6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	455	4.6	15.6	6	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	583	3.0	52.9
7	Diabetes mellitus . . . . . (E10–E14)	413	4.2	14.2	7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	440	2.3	39.9
8	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	210	2.1	7.2	8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	369	1.9	33.5
9	Viral hepatitis . . . . . (B15–B19)	203	2.1	7.0	9	Influenza and pneumonia . . . . . (J10–J18)	328	1.7	29.8
10	Assault (homicide) . . . . . (X85–Y09,Y87.1)	197	2.0	6.8	10	Septicemia . . . . . (A40–A41)	265	1.4	24.1
...	All other causes . . . . . (Residual)	1,899	19.2	65.2	...	All other causes . . . . . (Residual)	2,854	14.9	259.0

See footnotes at end of table.

**Table 2. Deaths, percent 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, 1999—Con.**

[Rates per 100,000 population 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 by race, data for non-Hispanic persons are tabulated by race]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Hispanic, both sexes, 75–84 years					Hispanic, male, 1–4 years				
...	All causes . . . . .	20,912	100.0	3,771.8	...	All causes . . . . .	481	100.0	34.3
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	7,046	33.7	1,270.8	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	197	41.0	14.1
2	Malignant neoplasms . . . . . (C00–C97)	4,449	21.3	802.4	2	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	63	13.1	4.5
3	Cerebrovascular diseases . . . . . (I60–I69)	1,672	8.0	301.6	3	Malignant neoplasms . . . . . (C00–C97)	34	7.1	2.4
4	Diabetes mellitus . . . . . (E10–E14)	1,369	6.5	246.9	4	Assault (homicide). . . . . (X85–Y09,Y87.1)	25	5.2	1.8
5	Chronic lower respiratory diseases. . . . . (J40–J47)	935	4.5	168.6	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	20	4.2	1.4
6	Influenza and pneumonia . . . . . (J10–J18)	569	2.7	102.6	6	Influenza and pneumonia . . . . . (J10–J18)	10	2.1	*
7	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	426	2.0	76.8	7	Septicemia . . . . . (A40–A41)	8	1.7	*
8	Alzheimer's disease. . . . . (G30)	362	1.7	65.3	8	Meningitis. . . . . (G00,G03)	5	1.0	*
9	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	334	1.6	60.2	8	Certain conditions originating in the perinatal period. . . . . (P00–P96)	5	1.0	*
10	Septicemia . . . . . (A40–A41)	296	1.4	53.4	10	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	4	0.8	*
...	All other causes . . . . . (Residual)	3,454	16.5	623.0	10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	4	0.8	*
Hispanic, both sexes, 85 years and over					10	Anemias . . . . . (D50–D64)	4	0.8	*
...	All causes . . . . .	17,358	100.0	9,175.7	...	All other causes . . . . . (Residual)	102	21.2	7.3
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	6,968	40.1	3,683.4	Hispanic, male, 5–9 years				
2	Malignant neoplasms . . . . . (C00–C97)	1,995	11.5	1,054.6	...	All causes . . . . .	266	100.0	16.1
3	Cerebrovascular diseases . . . . . (I60–I69)	1,536	8.8	812.0	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	107	40.2	6.5
4	Influenza and pneumonia . . . . . (J10–J18)	876	5.0	463.1	2	Malignant neoplasms . . . . . (C00–C97)	45	16.9	2.7
5	Chronic lower respiratory diseases. . . . . (J40–J47)	764	4.4	403.9	3	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	16	6.0	*
6	Diabetes mellitus . . . . . (E10–E14)	704	4.1	372.1	3	Assault (homicide). . . . . (X85–Y09,Y87.1)	16	6.0	*
7	Alzheimer's disease. . . . . (G30)	501	2.9	264.8	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	11	4.1	*
8	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	331	1.9	175.0	6	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	5	1.9	*
9	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	260	1.5	137.4	7	Influenza and pneumonia . . . . . (J10–J18)	4	1.5	*
10	Septicemia . . . . . (A40–A41)	257	1.5	135.9	8	Septicemia . . . . . (A40–A41)	3	1.1	*
...	All other causes . . . . . (Residual)	3,166	18.2	1,673.6	8	Cerebrovascular diseases . . . . . (I60–I69)	3	1.1	*
Hispanic, male, all ages <sup>3</sup>					8	Chronic lower respiratory diseases. . . . . (J40–J47)	3	1.1	*
...	All causes . . . . .	57,991	100.0	367.9	8	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	3	1.1	*
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	13,554	23.4	86.0	...	All other causes . . . . . (Residual)	50	18.8	3.0
2	Malignant neoplasms . . . . . (C00–C97)	10,668	18.4	67.7	Hispanic, male, 10–14 years				
3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	6,578	11.3	41.7	...	All causes . . . . .	326	100.0	23.3
4	Cerebrovascular diseases . . . . . (I60–I69)	2,809	4.8	17.8	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	120	36.8	8.6
5	Assault (homicide). . . . . (X85–Y09,Y87.1)	2,399	4.1	15.2	2	Malignant neoplasms . . . . . (C00–C97)	47	14.4	3.4
6	Diabetes mellitus . . . . . (E10–E14)	2,335	4.0	14.8	3	Assault (homicide). . . . . (X85–Y09,Y87.1)	43	13.2	3.1
7	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	2,143	3.7	13.6	4	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	21	6.4	1.5
8	Chronic lower respiratory diseases. . . . . (J40–J47)	1,547	2.7	9.8	5	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	13	4.0	*
9	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	1,525	2.6	9.7	6	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	12	3.7	*
10	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	1,430	2.5	9.1	7	Chronic lower respiratory diseases. . . . . (J40–J47)	8	2.5	*
...	All other causes . . . . . (Residual)	13,003	22.4	82.5	8	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	4	1.2	*

See footnotes at end of table.

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Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Hispanic, male, 15–19 years					Hispanic, male, 35–44 years				
...	All causes . . . . .	1,432	100.0	99.1	...	All causes . . . . .	5,476	100.0	226.0
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	608	42.5	42.1	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,307	23.9	53.9
2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	425	29.7	29.4	2	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	666	12.2	27.5
3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	146	10.2	10.1	3	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	572	10.4	23.6
4	Malignant neoplasms . . . . . (C00–C97)	55	3.8	3.8	4	Malignant neoplasms . . . . . (C00–C97)	504	9.2	20.8
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	31	2.2	2.1	5	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	421	7.7	17.4
6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	17	1.2	*	6	Assault (homicide) . . . . . (X85–Y09,Y87.1)	354	6.5	14.6
7	Cerebrovascular diseases . . . . . (I60–I69)	7	0.5	*	7	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	307	5.6	12.7
8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	5	0.3	*	8	Cerebrovascular diseases . . . . . (I60–I69)	146	2.7	6.0
8	Influenza and pneumonia . . . . . (J10–J18)	5	0.3	*	9	Viral hepatitis . . . . . (B15–B19)	84	1.5	3.5
8	Legal intervention . . . . . (Y35,Y89.0)	5	0.3	*	9	Diabetes mellitus . . . . . (E10–E14)	84	1.5	3.5
...	All other causes . . . . . (Residual)	128	8.9	8.9	...	All other causes . . . . . (Residual)	1,031	18.8	42.5
Hispanic, male, 20–24 years					Hispanic, male, 45–54 years				
...	All causes . . . . .	2,115	100.0	151.6	...	All causes . . . . .	6,497	100.0	456.3
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	967	45.7	69.3	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	1,348	20.7	94.7
2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	565	26.7	40.5	2	Malignant neoplasms . . . . . (C00–C97)	1,237	19.0	86.9
3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	192	9.1	13.8	3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	734	11.3	51.5
4	Malignant neoplasms . . . . . (C00–C97)	103	4.9	7.4	4	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	647	10.0	45.4
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	42	2.0	3.0	5	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	354	5.4	24.9
6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	17	0.8	*	6	Cerebrovascular diseases . . . . . (I60–I69)	285	4.4	20.0
7	Cerebrovascular diseases . . . . . (I60–I69)	14	0.7	*	7	Diabetes mellitus . . . . . (E10–E14)	252	3.9	17.7
8	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	13	0.6	*	8	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	169	2.6	11.9
9	Diabetes mellitus . . . . . (E10–E14)	8	0.4	*	9	Viral hepatitis . . . . . (B15–B19)	153	2.4	10.7
9	Legal intervention . . . . . (Y35,Y89.0)	8	0.4	*	10	Assault (homicide) . . . . . (X85–Y09,Y87.1)	150	2.3	10.5
...	All other causes . . . . . (Residual)	186	8.8	13.3	...	All other causes . . . . . (Residual)	1,168	18.0	82.0
Hispanic, male, 25–34 years					Hispanic, male, 55–64 years				
...	All causes . . . . .	4,084	100.0	151.6	...	All causes . . . . .	7,490	100.0	962.6
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,494	36.6	55.4	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	2,091	27.9	268.7
2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	698	17.1	25.9	2	Malignant neoplasms . . . . . (C00–C97)	2,060	27.5	264.7
3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	364	8.9	13.5	3	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	481	6.4	61.8
4	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	314	7.7	11.7	4	Diabetes mellitus . . . . . (E10–E14)	480	6.4	61.7
5	Malignant neoplasms . . . . . (C00–C97)	222	5.4	8.2	5	Cerebrovascular diseases . . . . . (I60–I69)	354	4.7	45.5
6	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	219	5.4	8.1	6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	334	4.5	42.9
7	Cerebrovascular diseases . . . . . (I60–I69)	62	1.5	2.3	7	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	137	1.8	17.6
7	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	62	1.5	2.3	8	Chronic lower respiratory diseases . . . . . (J40–J47)	135	1.8	17.3
9	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	25	0.6	0.9	9	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	118	1.6	15.2
10	Legal intervention . . . . . (Y35,Y89.0)	23	0.6	0.9	10	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	94	1.3	12.1
...	All other causes . . . . . (Residual)	601	14.7	22.3	...	All other causes . . . . . (Residual)	1,206	16.1	155.0

See footnotes at end of table.



**Table 2. Deaths, percent 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, 1999—Con.**

[Rates per 100,000 population 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 by race, data for non-Hispanic persons are tabulated by race]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Hispanic, male, 65 years and over					Hispanic, male, 85 years and over				
...	All causes . . . . .	27,353	100.0	3,518.7	...	All causes . . . . .	6,253	100.0	9,842.3
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	9,162	33.5	1,178.6	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	2,324	37.2	3,658.0
2	Malignant neoplasms . . . . . (C00–C97)	6,350	23.2	816.9	2	Malignant neoplasms . . . . . (C00–C97)	902	14.4	1,419.8
3	Cerebrovascular diseases . . . . . (I60–I69)	1,926	7.0	247.8	3	Cerebrovascular diseases . . . . . (I60–I69)	527	8.4	829.5
4	Diabetes mellitus . . . . . (E10–E14)	1,488	5.4	191.4	4	Chronic lower respiratory diseases . . . . . (J40–J47)	388	6.2	610.7
5	Chronic lower respiratory diseases . . . . . (J40–J47)	1,284	4.7	165.2	5	Influenza and pneumonia . . . . . (J10–J18)	334	5.3	525.7
6	Influenza and pneumonia . . . . . (J10–J18)	805	2.9	103.6	6	Diabetes mellitus . . . . . (E10–E14)	217	3.5	341.6
7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	590	2.2	75.9	7	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	156	2.5	245.5
8	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	546	2.0	70.2	8	Alzheimer's disease . . . . . (G30)	129	2.1	203.0
9	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	527	1.9	67.8	9	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	120	1.9	188.9
10	Septicemia . . . . . (A40–A41)	362	1.3	46.6	10	Septicemia . . . . . (A40–A41)	84	1.3	132.2
...	All other causes . . . . . (Residual)	4,313	15.8	554.8	...	All other causes . . . . . (Residual)	1,072	17.1	1,687.3
Hispanic, male, 65–74 years					Hispanic, female, all ages <sup>3</sup>				
...	All causes . . . . .	10,783	100.0	2,219.4	...	All causes . . . . .	45,749	100.0	293.7
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	3,355	31.1	690.6	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	12,312	26.9	79.0
2	Malignant neoplasms . . . . . (C00–C97)	3,045	28.2	626.7	2	Malignant neoplasms . . . . . (C00–C97)	9,565	20.9	61.4
3	Diabetes mellitus . . . . . (E10–E14)	709	6.6	145.9	3	Cerebrovascular diseases . . . . . (I60–I69)	3,098	6.8	19.9
4	Cerebrovascular diseases . . . . . (I60–I69)	641	5.9	131.9	4	Diabetes mellitus . . . . . (E10–E14)	2,847	6.2	18.3
5	Chronic lower respiratory diseases . . . . . (J40–J47)	373	3.5	76.8	5	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	2,072	4.5	13.3
6	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	360	3.3	74.1	6	Chronic lower respiratory diseases . . . . . (J40–J47)	1,312	2.9	8.4
7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	288	2.7	59.3	7	Influenza and pneumonia . . . . . (J10–J18)	1,154	2.5	7.4
8	Influenza and pneumonia . . . . . (J10–J18)	187	1.7	38.5	8	Certain conditions originating in the perinatal period . . . . . (P00–P96)	961	2.1	6.2
9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	178	1.7	36.6	9	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	829	1.8	5.3
10	Septicemia . . . . . (A40–A41)	134	1.2	27.6	10	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	770	1.7	4.9
...	All other causes . . . . . (Residual)	1,513	14.0	311.4	...	All other causes . . . . . (Residual)	10,829	23.7	69.5
Hispanic, male, 75–84 years					Hispanic, female, 1–4 years				
...	All causes . . . . .	10,317	100.0	4,525.1	...	All causes . . . . .	401	100.0	29.8
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	3,483	33.8	1,527.7	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	144	35.9	10.7
2	Malignant neoplasms . . . . . (C00–C97)	2,403	23.3	1,054.0	2	Malignant neoplasms . . . . . (C00–C97)	38	9.5	2.8
3	Cerebrovascular diseases . . . . . (I60–I69)	758	7.3	332.5	2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	38	9.5	2.8
4	Diabetes mellitus . . . . . (E10–E14)	562	5.4	246.5	4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	27	6.7	2.0
5	Chronic lower respiratory diseases . . . . . (J40–J47)	523	5.1	229.4	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	13	3.2	*
6	Influenza and pneumonia . . . . . (J10–J18)	284	2.8	124.6	5	Certain conditions originating in the perinatal period . . . . . (P00–P96)	13	3.2	*
7	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	212	2.1	93.0	7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	8	2.0	*
8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	182	1.8	79.8	8	Influenza and pneumonia . . . . . (J10–J18)	7	1.7	*
9	Septicemia . . . . . (A40–A41)	144	1.4	63.2	9	Septicemia . . . . . (A40–A41)	6	1.5	*
10	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	136	1.3	59.7	9	Cerebrovascular diseases . . . . . (I60–I69)	6	1.5	*
...	All other causes . . . . . (Residual)	1,630	15.8	714.9	...	All other causes . . . . . (Residual)	101	25.2	7.5

See footnotes at end of table.

**Table 2. Deaths, percent 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, 1999—Con.**

[Rates per 100,000 population 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 by race, data for non-Hispanic persons are tabulated by race]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Hispanic, female, 5–9 years					Hispanic, female, 20–24 years				
...	All causes . . . . .	198	100.0	12.5	...	All causes . . . . .	519	100.0	40.1
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	63	31.8	4.0	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	179	34.5	13.8
2	Malignant neoplasms . . . . . (C00–C97)	42	21.2	2.6	2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	72	13.9	5.6
3	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	15	7.6	*	3	Malignant neoplasms . . . . . (C00–C97)	62	11.9	4.8
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	13	6.6	*	4	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	24	4.6	1.9
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	7	3.5	*	5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	22	4.2	1.7
6	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	6	3.0	*	6	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	16	3.1	*
7	Chronic lower respiratory diseases. . . . . (J40–J47)	4	2.0	*	7	Pregnancy, childbirth and the puerperium. . . . . (O00–O99)	13	2.5	*
8	Septicemia . . . . . (A40–A41)	3	1.5	*	8	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	12	2.3	*
8	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	3	1.5	*	9	Influenza and pneumonia . . . . . (J10–J18)	9	1.7	*
8	Diseases of appendix. . . . . (K35–K38)	3	1.5	*	10	Cerebrovascular diseases . . . . . (I60–I69)	8	1.5	*
...	All other causes . . . . . (Residual)	39	19.7	2.5	...	All other causes . . . . . (Residual)	102	19.7	7.9
Hispanic, female, 10–14 years					Hispanic, female, 25–34 years				
...	All causes . . . . .	224	100.0	16.7	...	All causes . . . . .	1,313	100.0	51.8
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	72	32.1	5.4	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	296	22.5	11.7
2	Malignant neoplasms . . . . . (C00–C97)	42	18.8	3.1	2	Malignant neoplasms . . . . . (C00–C97)	244	18.6	9.6
3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	17	7.6	*	3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	103	7.8	4.1
4	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	13	5.8	*	4	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	93	7.1	3.7
5	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	9	4.0	*	5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	67	5.1	2.6
6	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	6	2.7	*	6	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	59	4.5	2.3
7	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	3	1.3	*	7	Cerebrovascular diseases . . . . . (I60–I69)	40	3.0	1.6
7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	3	1.3	*	8	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	29	2.2	1.1
7	Influenza and pneumonia . . . . . (J10–J18)	3	1.3	*	9	Pregnancy, childbirth and the puerperium. . . . . (O00–O99)	26	2.0	1.0
7	Chronic lower respiratory diseases. . . . . (J40–J47)	3	1.3	*	10	Diabetes mellitus . . . . . (E10–E14)	22	1.7	0.9
...	All other causes . . . . . (Residual)	53	23.7	4.0	...	All other causes . . . . . (Residual)	334	25.4	13.2
Hispanic, female, 15–19 years					Hispanic, female, 35–44 years				
...	All causes . . . . .	439	100.0	32.9	...	All causes . . . . .	2,322	100.0	99.9
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	192	43.7	14.4	1	Malignant neoplasms . . . . . (C00–C97)	700	30.1	30.1
2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	57	13.0	4.3	2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	300	12.9	12.9
3	Malignant neoplasms . . . . . (C00–C97)	39	8.9	2.9	3	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	189	8.1	8.1
4	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	29	6.6	2.2	3	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	189	8.1	8.1
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	21	4.8	1.6	5	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	97	4.2	4.2
6	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	10	2.3	*	6	Cerebrovascular diseases . . . . . (I60–I69)	95	4.1	4.1
7	Pregnancy, childbirth and the puerperium. . . . . (O00–O99)	6	1.4	*	7	Assault (homicide) . . . . . (X85–Y09,Y87.1)	78	3.4	3.4
8	Influenza and pneumonia . . . . . (J10–J18)	5	1.1	*	8	Diabetes mellitus . . . . . (E10–E14)	73	3.1	3.1
9	Chronic lower respiratory diseases. . . . . (J40–J47)	4	0.9	*	9	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	62	2.7	2.7
10	Meningitis. . . . . (G00,G03)	3	0.7	*	10	Chronic lower respiratory diseases. . . . . (J40–J47)	43	1.9	1.8
10	Cerebrovascular diseases . . . . . (I60–I69)	3	0.7	*	...	All other causes . . . . . (Residual)	496	21.4	21.3
...	All other causes . . . . . (Residual)	70	15.9	5.2					

See footnotes at end of table.

**Table 2. Deaths, percent 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, 1999—Con.**

[Rates per 100,000 population 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 by race, data for non-Hispanic persons are tabulated by race]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Hispanic, female, 45–54 years					Hispanic, female, 65–74 years				
...	All causes . . . . .	3,379	100.0	226.7	...	All causes . . . . .	8,418	100.0	1,366.8
1	Malignant neoplasms . . . . . (C00–C97)	1,279	37.9	85.8	1	Malignant neoplasms . . . . . (C00–C97)	2,349	27.9	381.4
2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	458	13.6	30.7	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	2,202	26.2	357.5
3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	192	5.7	12.9	3	Diabetes mellitus . . . . . (E10–E14)	842	10.0	136.7
4	Cerebrovascular diseases . . . . . (I60–I69)	179	5.3	12.0	4	Cerebrovascular diseases . . . . . (I60–I69)	570	6.8	92.6
5	Diabetes mellitus . . . . . (E10–E14)	161	4.8	10.8	5	Chronic lower respiratory diseases. . . . . (J40–J47)	276	3.3	44.8
6	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	140	4.1	9.4	6	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	223	2.6	36.2
7	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	101	3.0	6.8	7	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	191	2.3	31.0
8	Chronic lower respiratory diseases. . . . . (J40–J47)	63	1.9	4.2	8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	152	1.8	24.7
9	Viral hepatitis . . . . . (B15–B19)	50	1.5	3.4	9	Influenza and pneumonia . . . . . (J10–J18)	141	1.7	22.9
10	Assault (homicide). . . . . (X85–Y09,Y87.1)	47	1.4	3.2	10	Septicemia . . . . . (A40–A41)	131	1.6	21.3
...	All other causes . . . . . (Residual)	709	21.0	47.6	...	All other causes . . . . . (Residual)	1,341	15.9	217.7
Hispanic, female, 55–64 years					Hispanic, female, 75–84 years				
...	All causes . . . . .	4,829	100.0	536.0	...	All causes . . . . .	10,595	100.0	3,245.6
1	Malignant neoplasms . . . . . (C00–C97)	1,626	33.7	180.5	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	3,563	33.6	1,091.5
2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	1,064	22.0	118.1	2	Malignant neoplasms . . . . . (C00–C97)	2,046	19.3	626.8
3	Diabetes mellitus . . . . . (E10–E14)	447	9.3	49.6	3	Cerebrovascular diseases . . . . . (I60–I69)	914	8.6	280.0
4	Cerebrovascular diseases . . . . . (I60–I69)	263	5.4	29.2	4	Diabetes mellitus . . . . . (E10–E14)	807	7.6	247.2
5	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	157	3.3	17.4	5	Chronic lower respiratory diseases. . . . . (J40–J47)	412	3.9	126.2
6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	132	2.7	14.7	6	Influenza and pneumonia . . . . . (J10–J18)	285	2.7	87.3
7	Chronic lower respiratory diseases. . . . . (J40–J47)	104	2.2	11.5	7	Alzheimer's disease. . . . . (G30)	234	2.2	71.7
8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	93	1.9	10.3	8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	214	2.0	65.6
9	Influenza and pneumonia . . . . . (J10–J18)	75	1.6	8.3	9	Septicemia . . . . . (A40–A41)	152	1.4	46.6
10	Septicemia . . . . . (A40–A41)	53	1.1	5.9	9	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	152	1.4	46.6
...	All other causes . . . . . (Residual)	815	16.9	90.5	...	All other causes . . . . . (Residual)	1,816	17.1	556.3
Hispanic, female, 65 years and over					Hispanic, female, 85 years and over				
...	All causes . . . . .	30,118	100.0	2,820.1	...	All causes . . . . .	11,105	100.0	8,838.7
1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	10,409	34.6	974.7	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	4,644	41.8	3,696.2
2	Malignant neoplasms . . . . . (C00–C97)	5,488	18.2	513.9	2	Malignant neoplasms . . . . . (C00–C97)	1,093	9.8	869.9
3	Cerebrovascular diseases . . . . . (I60–I69)	2,493	8.3	233.4	3	Cerebrovascular diseases . . . . . (I60–I69)	1,009	9.1	803.1
4	Diabetes mellitus . . . . . (E10–E14)	2,136	7.1	200.0	4	Influenza and pneumonia . . . . . (J10–J18)	542	4.9	431.4
5	Chronic lower respiratory diseases. . . . . (J40–J47)	1,064	3.5	99.6	5	Diabetes mellitus . . . . . (E10–E14)	487	4.4	387.6
6	Influenza and pneumonia . . . . . (J10–J18)	968	3.2	90.6	6	Chronic lower respiratory diseases. . . . . (J40–J47)	376	3.4	299.3
7	Alzheimer's disease. . . . . (G30)	655	2.2	61.3	7	Alzheimer's disease. . . . . (G30)	372	3.3	296.1
8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	580	1.9	54.3	8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	175	1.6	139.3
9	Septicemia . . . . . (A40–A41)	456	1.5	42.7	9	Septicemia . . . . . (A40–A41)	173	1.6	137.7
10	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	444	1.5	41.6	10	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	140	1.3	111.4
...	All other causes . . . . . (Residual)	5,425	18.0	508.0	...	All other causes . . . . . (Residual)	2,094	18.9	1,666.7

See footnotes at end of table.

**Table 2. Deaths, percent 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, 1999—Con.**

[Rates per 100,000 population 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 by race, data for non-Hispanic persons are tabulated by race]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
White, non-Hispanic, both sexes, all ages <sup>3</sup>					White, non-Hispanic, both sexes, 10–14 years				
...	All causes . . . . .	1,953,197	100.0	996.3	...	All causes . . . . .	2,498	100.0	19.3
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	607,704	31.1	310.0	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,065	42.6	8.2
2	Malignant neoplasms . . . . . (C00–C97)	456,315	23.4	232.8	2	Malignant neoplasms . . . . . (C00–C97)	297	11.9	2.3
3	Cerebrovascular diseases . . . . . (I60–I69)	138,716	7.1	70.8	3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	173	6.9	1.3
4	Chronic lower respiratory diseases . . . . . (J40–J47)	111,620	5.7	56.9	4	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	131	5.2	1.0
5	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	73,326	3.8	37.4	5	Assault (homicide) . . . . . (X85–Y09,Y87.1)	98	3.9	0.8
6	Influenza and pneumonia . . . . . (J10–J18)	54,280	2.8	27.7	6	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	91	3.6	0.7
7	Diabetes mellitus . . . . . (E10–E14)	49,347	2.5	25.2	7	Chronic lower respiratory diseases . . . . . (J40–J47)	32	1.3	0.2
8	Alzheimer's disease . . . . . (G30)	40,835	2.1	20.8	8	Influenza and pneumonia . . . . . (J10–J18)	31	1.2	0.2
9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	26,418	1.4	13.5	9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	26	1.0	0.2
10	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	24,534	1.3	12.5	10	Cerebrovascular diseases . . . . . (I60–I69)	21	0.8	0.2
...	All other causes . . . . . (Residual)	370,102	18.9	188.8	...	All other causes . . . . . (Residual)	533	21.3	4.1
White, non-Hispanic, both sexes, 1–4 years					White, non-Hispanic, both sexes, 15–19 years				
...	All causes . . . . .	2,819	100.0	29.7	...	All causes . . . . .	8,490	100.0	64.7
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,042	37.0	11.0	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	4,840	57.0	36.9
2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	284	10.1	3.0	2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	1,169	13.8	8.9
3	Malignant neoplasms . . . . . (C00–C97)	281	10.0	3.0	3	Malignant neoplasms . . . . . (C00–C97)	476	5.6	3.6
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	156	5.5	1.6	4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	409	4.8	3.1
5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	92	3.3	1.0	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	269	3.2	2.1
6	Influenza and pneumonia . . . . . (J10–J18)	58	2.1	0.6	6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	144	1.7	1.1
7	Septicemia . . . . . (A40–A41)	47	1.7	0.5	7	Chronic lower respiratory diseases . . . . . (J40–J47)	60	0.7	0.5
8	Certain conditions originating in the perinatal period . . . . . (P00–P96)	37	1.3	0.4	8	Influenza and pneumonia . . . . . (J10–J18)	44	0.5	0.3
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	36	1.3	0.4	9	Cerebrovascular diseases . . . . . (I60–I69)	37	0.4	0.3
10	Cerebrovascular diseases . . . . . (I60–I69)	27	1.0	0.3	10	Diabetes mellitus . . . . . (E10–E14)	36	0.4	0.3
...	All other causes . . . . . (Residual)	759	26.9	8.0	...	All other causes . . . . . (Residual)	1,006	11.8	7.7
White, non-Hispanic, both sexes, 5–9 years					White, non-Hispanic, both sexes, 20–24 years				
...	All causes . . . . .	1,990	100.0	15.6	...	All causes . . . . .	9,378	100.0	78.8
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	843	42.4	6.6	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	4,570	48.7	38.4
2	Malignant neoplasms . . . . . (C00–C97)	311	15.6	2.4	2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	1,661	17.7	14.0
3	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	113	5.7	0.9	3	Malignant neoplasms . . . . . (C00–C97)	594	6.3	5.0
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	78	3.9	0.6	4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	553	5.9	4.6
5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	65	3.3	0.5	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	316	3.4	2.7
6	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	40	2.0	0.3	6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	133	1.4	1.1
7	Influenza and pneumonia . . . . . (J10–J18)	31	1.6	0.2	7	Cerebrovascular diseases . . . . . (I60–I69)	68	0.7	0.6
8	Septicemia . . . . . (A40–A41)	29	1.5	0.2	8	Diabetes mellitus . . . . . (E10–E14)	58	0.6	0.5
9	Chronic lower respiratory diseases . . . . . (J40–J47)	23	1.2	0.2	9	Influenza and pneumonia . . . . . (J10–J18)	51	0.5	0.4
10	Cerebrovascular diseases . . . . . (I60–I69)	19	1.0	*	10	Septicemia . . . . . (A40–A41)	50	0.5	0.4
...	All other causes . . . . . (Residual)	438	22.0	3.4	10	Chronic lower respiratory diseases . . . . . (J40–J47)	50	0.5	0.4
...					...	All other causes . . . . . (Residual)	1,274	13.6	10.7

See footnotes at end of table.

**Table 2. Deaths, percent 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, 1999—Con.**

[Rates per 100,000 population 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 by race, data for non-Hispanic persons are tabulated by race]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
White, non-Hispanic, both sexes, 25–34 years					White, non-Hispanic, both sexes, 55–64 years				
...	All causes . . . . .	23,986	100.0	93.4	...	All causes . . . . .	180,793	100.0	972.1
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	7,855	32.7	30.6	1	Malignant neoplasms . . . . . (C00–C97)	70,788	39.2	380.6
2	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	3,927	16.4	15.3	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	47,950	26.5	257.8
3	Malignant neoplasms . . . . . (C00–C97)	2,682	11.2	10.4	3	Chronic lower respiratory diseases . . . . . (J40–J47)	9,786	5.4	52.6
4	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	1,755	7.3	6.8	4	Cerebrovascular diseases . . . . . (I60–I69)	6,311	3.5	33.9
5	Assault (homicide) . . . . . (X85–Y09,Y87.1)	1,135	4.7	4.4	5	Diabetes mellitus . . . . . (E10–E14)	5,674	3.1	30.5
6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	794	3.3	3.1	6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	5,455	3.0	29.3
7	Diabetes mellitus . . . . . (E10–E14)	363	1.5	1.4	7	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	4,117	2.3	22.1
8	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	334	1.4	1.3	8	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	2,580	1.4	13.9
9	Cerebrovascular diseases . . . . . (I60–I69)	301	1.3	1.2	9	Influenza and pneumonia . . . . . (J10–J18)	1,894	1.0	10.2
10	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	243	1.0	0.9	10	Septicemia . . . . . (A40–A41)	1,792	1.0	9.6
...	All other causes . . . . . (Residual)	4,597	19.2	17.9	...	All other causes . . . . . (Residual)	24,446	13.5	131.4
White, non-Hispanic, both sexes, 35–44 years					White, non-Hispanic, both sexes, 65 years and over				
...	All causes . . . . .	57,630	100.0	176.6	...	All causes . . . . .	1,545,161	100.0	5,329.8
1	Malignant neoplasms . . . . . (C00–C97)	11,848	20.6	36.3	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	523,130	33.9	1,804.5
2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	10,844	18.8	33.2	2	Malignant neoplasms . . . . . (C00–C97)	334,050	21.6	1,152.3
3	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	8,936	15.5	27.4	3	Cerebrovascular diseases . . . . . (I60–I69)	127,328	8.2	439.2
4	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	5,469	9.5	16.8	4	Chronic lower respiratory diseases . . . . . (J40–J47)	98,583	6.4	340.0
5	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	2,148	3.7	6.6	5	Influenza and pneumonia . . . . . (J10–J18)	50,104	3.2	172.8
6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	2,082	3.6	6.4	6	Alzheimer's disease . . . . . (G30)	40,380	2.6	139.3
7	Cerebrovascular diseases . . . . . (I60–I69)	1,406	2.4	4.3	7	Diabetes mellitus . . . . . (E10–E14)	39,018	2.5	134.6
8	Assault (homicide) . . . . . (X85–Y09,Y87.1)	1,327	2.3	4.1	8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	27,972	1.8	96.5
9	Diabetes mellitus . . . . . (E10–E14)	1,231	2.1	3.8	9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	23,490	1.5	81.0
10	Influenza and pneumonia . . . . . (J10–J18)	637	1.1	2.0	10	Septicemia . . . . . (A40–A41)	19,336	1.3	66.7
...	All other causes . . . . . (Residual)	11,702	20.3	35.9	...	All other causes . . . . . (Residual)	261,770	16.9	902.9
White, non-Hispanic, both sexes, 45–54 years					White, non-Hispanic, both sexes, 65–74 years				
...	All causes . . . . .	106,808	100.0	387.0	...	All causes . . . . .	367,490	100.0	2,458.9
1	Malignant neoplasms . . . . . (C00–C97)	34,944	32.7	126.6	1	Malignant neoplasms . . . . . (C00–C97)	127,119	34.6	850.6
2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	24,823	23.2	89.9	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	103,750	28.2	694.2
3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	8,392	7.9	30.4	3	Chronic lower respiratory diseases . . . . . (J40–J47)	29,400	8.0	196.7
4	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	4,487	4.2	16.3	4	Cerebrovascular diseases . . . . . (I60–I69)	18,332	5.0	122.7
5	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	4,430	4.1	16.1	5	Diabetes mellitus . . . . . (E10–E14)	11,664	3.2	78.0
6	Cerebrovascular diseases . . . . . (I60–I69)	3,143	2.9	11.4	6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	6,568	1.8	43.9
7	Diabetes mellitus . . . . . (E10–E14)	2,940	2.8	10.7	7	Influenza and pneumonia . . . . . (J10–J18)	5,481	1.5	36.7
8	Chronic lower respiratory diseases . . . . . (J40–J47)	2,372	2.2	8.6	8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	4,718	1.3	31.6
9	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	1,286	1.2	4.7	9	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	4,482	1.2	30.0
10	Influenza and pneumonia . . . . . (J10–J18)	1,109	1.0	4.0	10	Septicemia . . . . . (A40–A41)	4,140	1.1	27.7
...	All other causes . . . . . (Residual)	18,882	17.7	68.4	...	All other causes . . . . . (Residual)	51,836	14.1	346.8

See footnotes at end of table.



**Table 2. Deaths, percent 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, 1999—Con.**

[Rates per 100,000 population 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 by race, data for non-Hispanic persons are tabulated by race]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
White, non-Hispanic, both sexes, 75–84 years					White, non-Hispanic, male, 1–4 years				
...	All causes . . . . .	604,344	100.0	5,783.1	...	All causes . . . . .	1,605	100.0	32.9
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	195,187	32.3	1,867.8	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	617	38.4	12.7
2	Malignant neoplasms . . . . . (C00–C97)	141,295	23.4	1,352.1	2	Malignant neoplasms . . . . . (C00–C97)	160	10.0	3.3
3	Cerebrovascular diseases . . . . . (I60–I69)	49,178	8.1	470.6	3	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	154	9.6	3.2
4	Chronic lower respiratory diseases. . . . . (J40–J47)	44,662	7.4	427.4	4	Assault (homicide). . . . . (X85–Y09,Y87.1)	83	5.2	1.7
5	Diabetes mellitus . . . . . (E10–E14)	16,821	2.8	161.0	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	55	3.4	1.1
6	Influenza and pneumonia . . . . . (J10–J18)	16,785	2.8	160.6	6	Septicemia . . . . . (A40–A41)	25	1.6	0.5
7	Alzheimer's disease. . . . . (G30)	14,453	2.4	138.3	7	Certain conditions originating in the perinatal period. . . . . (P00–P96)	24	1.5	0.5
8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	10,757	1.8	102.9	8	Influenza and pneumonia . . . . . (J10–J18)	22	1.4	0.5
9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	9,504	1.6	90.9	9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	18	1.1	*
10	Septicemia . . . . . (A40–A41)	7,717	1.3	73.8	10	Meningococcal infection . . . . . (A39)	15	0.9	*
...	All other causes . . . . . (Residual)	97,985	16.2	937.6	10	Meningitis. . . . . (G00,G03)	15	0.9	*
White, non-Hispanic, both sexes, 85 years and over					10	Cerebrovascular diseases . . . . . (I60–I69)	15	0.9	*
...	All causes . . . . .	573,327	100.0	15,945.8	...	All other causes . . . . . (Residual)	402	25.0	8.2
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	224,193	39.1	6,235.4	White, non-Hispanic, male, 5–9 years				
2	Malignant neoplasms . . . . . (C00–C97)	65,636	11.4	1,825.5	...	All causes . . . . .	1,115	100.0	17.0
3	Cerebrovascular diseases . . . . . (I60–I69)	59,818	10.4	1,663.7	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	505	45.3	7.7
4	Influenza and pneumonia . . . . . (J10–J18)	27,838	4.9	774.2	2	Malignant neoplasms . . . . . (C00–C97)	180	16.1	2.8
5	Chronic lower respiratory diseases. . . . . (J40–J47)	24,521	4.3	682.0	3	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	53	4.8	0.8
6	Alzheimer's disease. . . . . (G30)	23,106	4.0	642.6	4	Assault (homicide). . . . . (X85–Y09,Y87.1)	41	3.7	0.6
7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	10,647	1.9	296.1	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	36	3.2	0.6
8	Diabetes mellitus . . . . . (E10–E14)	10,533	1.8	293.0	6	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	19	1.7	*
9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	9,268	1.6	257.8	7	Influenza and pneumonia . . . . . (J10–J18)	17	1.5	*
10	Atherosclerosis. . . . . (I70)	7,617	1.3	211.8	8	Septicemia . . . . . (A40–A41)	15	1.3	*
...	All other causes . . . . . (Residual)	110,150	19.2	3,063.6	9	Cerebrovascular diseases . . . . . (I60–I69)	13	1.2	*
White, non-Hispanic, male, all ages <sup>3</sup>					9	Chronic lower respiratory diseases. . . . . (J40–J47)	13	1.2	*
...	All causes . . . . .	944,913	100.0	984.7	...	All other causes . . . . . (Residual)	223	20.0	3.4
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	293,206	31.0	305.5	White, non-Hispanic, male, 10–14 years				
2	Malignant neoplasms . . . . . (C00–C97)	236,384	25.0	246.3	...	All causes . . . . .	1,528	100.0	23.1
3	Chronic lower respiratory diseases. . . . . (J40–J47)	55,314	5.9	57.6	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	700	45.8	10.6
4	Cerebrovascular diseases . . . . . (I60–I69)	51,968	5.5	54.2	2	Malignant neoplasms . . . . . (C00–C97)	165	10.8	2.5
5	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	46,113	4.9	48.1	3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	140	9.2	2.1
6	Diabetes mellitus . . . . . (E10–E14)	23,177	2.5	24.2	4	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	66	4.3	1.0
7	Influenza and pneumonia . . . . . (J10–J18)	23,097	2.4	24.1	5	Assault (homicide). . . . . (X85–Y09,Y87.1)	52	3.4	0.8
8	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	19,620	2.1	20.4	6	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	48	3.1	0.7
9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	12,793	1.4	13.3	7	Chronic lower respiratory diseases. . . . . (J40–J47)	23	1.5	0.3
10	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	12,613	1.3	13.1	8	Influenza and pneumonia . . . . . (J10–J18)	19	1.2	*
...	All other causes . . . . . (Residual)	170,628	18.1	177.8	9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	13	0.9	*
See footnotes at end of table.					10	Septicemia . . . . . (A40–A41)	9	0.6	*
					...	All other causes . . . . . (Residual)	293	19.2	4.4

**Table 2. Deaths, percent 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, 1999—Con.**

[Rates per 100,000 population 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 by race, data for non-Hispanic persons are tabulated by race]

White, non-Hispanic, male, 15–19 years				White, non-Hispanic, male, 35–44 years			
Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup> Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup> Rate <sup>2</sup>
...	All causes	5,799	100.0 85.9	...	All causes	37,291	100.0 228.2
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	3,250	56.0 48.1	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	7,949	21.3 48.6
2	Intentional self-harm (suicide) (X60–X84,Y87.0)	978	16.9 14.5	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	6,590	17.7 40.3
3	Malignant neoplasms (C00–C97)	283	4.9 4.2	3	Malignant neoplasms (C00–C97)	5,425	14.5 33.2
3	Assault (homicide) (X85–Y09,Y87.1)	283	4.9 4.2	4	Intentional self-harm (suicide) (X60–X84,Y87.0)	4,210	11.3 25.8
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	167	2.9 2.5	5	Human immunodeficiency virus (HIV) disease (B20–B24)	1,768	4.7 10.8
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	93	1.6 1.4	6	Chronic liver disease and cirrhosis (K70,K73–K74)	1,478	4.0 9.0
7	Chronic lower respiratory diseases (J40–J47)	32	0.6 0.5	7	Assault (homicide) (X85–Y09,Y87.1)	881	2.4 5.4
8	Diabetes mellitus (E10–E14)	21	0.4 0.3	8	Diabetes mellitus (E10–E14)	747	2.0 4.6
8	Cerebrovascular diseases (I60–I69)	21	0.4 0.3	9	Cerebrovascular diseases (I60–I69)	712	1.9 4.4
8	Influenza and pneumonia (J10–J18)	21	0.4 0.3	10	Influenza and pneumonia (J10–J18)	334	0.9 2.0
...	All other causes (Residual)	650	11.2 9.6	...	All other causes (Residual)	7,197	19.3 44.0
White, non-Hispanic, male, 20–24 years				White, non-Hispanic, male, 45–54 years			
...	All causes	6,878	100.0 112.9	...	All causes	67,151	100.0 491.6
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	3,499	50.9 57.4	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	18,747	27.9 137.2
2	Intentional self-harm (suicide) (X60–X84,Y87.0)	1,438	20.9 23.6	2	Malignant neoplasms (C00–C97)	17,588	26.2 128.8
3	Assault (homicide) (X85–Y09,Y87.1)	361	5.2 5.9	3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	6,142	9.1 45.0
4	Malignant neoplasms (C00–C97)	346	5.0 5.7	4	Intentional self-harm (suicide) (X60–X84,Y87.0)	3,388	5.0 24.8
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	190	2.8 3.1	5	Chronic liver disease and cirrhosis (K70,K73–K74)	3,365	5.0 24.6
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	82	1.2 1.3	6	Diabetes mellitus (E10–E14)	1,801	2.7 13.2
7	Septicemia (A40–A41)	33	0.5 0.5	7	Cerebrovascular diseases (I60–I69)	1,662	2.5 12.2
8	Diabetes mellitus (E10–E14)	31	0.5 0.5	8	Chronic lower respiratory diseases (J40–J47)	1,174	1.7 8.6
9	Cerebrovascular diseases (I60–I69)	30	0.4 0.5	9	Human immunodeficiency virus (HIV) disease (B20–B24)	1,136	1.7 8.3
9	Influenza and pneumonia (J10–J18)	30	0.4 0.5	10	Viral hepatitis (B15–B19)	717	1.1 5.2
...	All other causes (Residual)	838	12.2 13.8	...	All other causes (Residual)	11,431	17.0 83.7
White, non-Hispanic, male, 25–34 years				White, non-Hispanic, male, 55–64 years			
...	All causes	16,449	100.0 128.4	...	All causes	108,692	100.0 1,208.0
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	5,932	36.1 46.3	1	Malignant neoplasms (C00–C97)	38,658	35.6 429.6
2	Intentional self-harm (suicide) (X60–X84,Y87.0)	3,205	19.5 25.0	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	33,466	30.8 371.9
3	Malignant neoplasms (C00–C97)	1,341	8.2 10.5	3	Chronic lower respiratory diseases (J40–J47)	5,091	4.7 56.6
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,152	7.0 9.0	4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	3,730	3.4 41.5
5	Assault (homicide) (X85–Y09,Y87.1)	753	4.6 5.9	5	Cerebrovascular diseases (I60–I69)	3,479	3.2 38.7
6	Human immunodeficiency virus (HIV) disease (B20–B24)	643	3.9 5.0	6	Diabetes mellitus (E10–E14)	3,200	2.9 35.6
7	Diabetes mellitus (E10–E14)	203	1.2 1.6	7	Chronic liver disease and cirrhosis (K70,K73–K74)	2,885	2.7 32.1
8	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	178	1.1 1.4	8	Intentional self-harm (suicide) (X60–X84,Y87.0)	2,001	1.8 22.2
9	Cerebrovascular diseases (I60–I69)	151	0.9 1.2	9	Influenza and pneumonia (J10–J18)	1,049	1.0 11.7
9	Chronic liver disease and cirrhosis (K70,K73–K74)	151	0.9 1.2	10	Aortic aneurysm and dissection (I71)	928	0.9 10.3
...	All other causes (Residual)	2,740	16.7 21.4	...	All other causes (Residual)	14,205	13.1 157.9

See footnotes at end of table.

**Table 2. Deaths, percent 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, 1999—Con.**

[Rates per 100,000 population 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 by race, data for non-Hispanic persons are tabulated by race]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
White, non-Hispanic, male, 65 years and over					White, non-Hispanic, male, 85 years and over				
...	All causes . . . . .	690,621	100.0	5,730.3	...	All causes . . . . .	184,938	100.0	17,539.1
1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	232,597	33.7	1,929.9	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	69,476	37.6	6,589.0
2	Malignant neoplasms . . . . . (C00–C97)	172,214	24.9	1,428.9	2	Malignant neoplasms . . . . . (C00–C97)	28,161	15.2	2,670.7
3	Chronic lower respiratory diseases . . . . . (J40–J47)	48,631	7.0	403.5	3	Cerebrovascular diseases . . . . . (I60–I69)	15,886	8.6	1,506.6
4	Cerebrovascular diseases . . . . . (I60–I69)	45,841	6.6	380.4	4	Chronic lower respiratory diseases . . . . . (J40–J47)	10,695	5.8	1,014.3
5	Influenza and pneumonia . . . . . (J10–J18)	20,752	3.0	172.2	5	Influenza and pneumonia . . . . . (J10–J18)	9,410	5.1	892.4
6	Diabetes mellitus . . . . . (E10–E14)	17,162	2.5	142.4	6	Alzheimer's disease . . . . . (G30)	5,330	2.9	505.5
7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	13,519	2.0	112.2	7	Accidents (unintentional injuries) . . . . . V01–X59,Y85–Y86	4,006	2.2	379.9
8	Alzheimer's disease . . . . . (G30)	12,025	1.7	99.8	8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	3,721	2.0	352.9
9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	11,160	1.6	92.6	9	Diabetes mellitus . . . . . (E10–E14)	3,374	1.8	320.0
10	Septicemia . . . . . (A40–A41)	7,906	1.1	65.6	10	Pneumonitis due to solids and liquids . . . . . (J69)	2,767	1.5	262.4
...	All other causes . . . . . (Residual)	108,814	15.8	902.9	...	All other causes . . . . . (Residual)	32,112	17.4	3,045.4
White, non-Hispanic, male, 65–74 years					White, non-Hispanic, female, all ages <sup>3</sup>				
...	All causes . . . . .	209,155	100.0	3,077.6	...	All causes . . . . .	1,008,284	100.0	1,007.4
1	Malignant neoplasms . . . . . (C00–C97)	70,518	33.7	1,037.6	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	314,498	31.2	314.2
2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	64,699	30.9	952.0	2	Malignant neoplasms . . . . . (C00–C97)	219,931	21.8	219.7
3	Chronic lower respiratory diseases . . . . . (J40–J47)	15,559	7.4	228.9	3	Cerebrovascular diseases . . . . . (I60–I69)	86,748	8.6	86.7
4	Cerebrovascular diseases . . . . . (I60–I69)	9,337	4.5	137.4	4	Chronic lower respiratory diseases . . . . . (J40–J47)	56,306	5.6	56.3
5	Diabetes mellitus . . . . . (E10–E14)	6,066	2.9	89.3	5	Influenza and pneumonia . . . . . (J10–J18)	31,183	3.1	31.2
6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	3,962	1.9	58.3	6	Alzheimer's disease . . . . . (G30)	28,582	2.8	28.6
7	Influenza and pneumonia . . . . . (J10–J18)	3,087	1.5	45.4	7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	27,213	2.7	27.2
8	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	2,746	1.3	40.4	8	Diabetes mellitus . . . . . (E10–E14)	26,170	2.6	26.1
9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	2,532	1.2	37.3	9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	13,625	1.4	13.6
10	Aortic aneurysm and dissection . . . . . (I71)	2,451	1.2	36.1	10	Septicemia . . . . . (A40–A41)	13,160	1.3	13.1
...	All other causes . . . . . (Residual)	28,198	13.5	414.9	...	All other causes . . . . . (Residual)	190,868	18.9	190.7
White, non-Hispanic, male, 75–84 years					White, non-Hispanic, female, 1–4 years				
...	All causes . . . . .	296,528	100.0	7,057.5	...	All causes . . . . .	1,214	100.0	26.2
1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	98,422	33.2	2,342.5	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	425	35.0	9.2
2	Malignant neoplasms . . . . . (C00–C97)	73,535	24.8	1,750.2	2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	130	10.7	2.8
3	Chronic lower respiratory diseases . . . . . (J40–J47)	22,377	7.5	532.6	3	Malignant neoplasms . . . . . (C00–C97)	121	10.0	2.6
4	Cerebrovascular diseases . . . . . (I60–I69)	20,618	7.0	490.7	4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	73	6.0	1.6
5	Influenza and pneumonia . . . . . (J10–J18)	8,255	2.8	196.5	5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	37	3.0	0.8
6	Diabetes mellitus . . . . . (E10–E14)	7,722	2.6	183.8	6	Influenza and pneumonia . . . . . (J10–J18)	36	3.0	0.8
7	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	5,551	1.9	132.1	7	Septicemia . . . . . (A40–A41)	22	1.8	0.5
8	Alzheimer's disease . . . . . (G30)	5,432	1.8	129.3	8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	18	1.5	*
9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	4,907	1.7	116.8	9	Certain conditions originating in the perinatal period . . . . . (P00–P96)	13	1.1	*
10	Parkinson's disease . . . . . (G20–G21)	4,005	1.4	95.3	10	Cerebrovascular diseases . . . . . (I60–I69)	12	1.0	*
...	All other causes . . . . . (Residual)	45,704	15.4	1,087.8	10	Chronic lower respiratory diseases . . . . . (J40–J47)	12	1.0	*
...					...	All other causes . . . . . (Residual)	315	25.9	6.8

See footnotes at end of table.

**Table 2. Deaths, percent 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, 1999—Con.**

[Rates per 100,000 population 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 by race, data for non-Hispanic persons are tabulated by race]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
White, non-Hispanic, female, 5–9 years					White, non-Hispanic, female, 20–24 years				
...	All causes . . . . .	875	100.0	14.1	...	All causes . . . . .	2,500	100.0	43.0
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	338	38.6	5.4	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,071	42.8	18.4
2	Malignant neoplasms . . . . . (C00–C97)	131	15.0	2.1	2	Malignant neoplasms . . . . . (C00–C97)	248	9.9	4.3
3	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	60	6.9	1.0	3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	223	8.9	3.8
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	37	4.2	0.6	4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	192	7.7	3.3
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	29	3.3	0.5	5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	126	5.0	2.2
6	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	21	2.4	0.3	6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	51	2.0	0.9
7	Septicemia . . . . . (A40–A41)	14	1.6	*	7	Cerebrovascular diseases . . . . . (I60–I69)	38	1.5	0.7
7	Influenza and pneumonia . . . . . (J10–J18)	14	1.6	*	8	Diabetes mellitus . . . . . (E10–E14)	27	1.1	0.5
9	Chronic lower respiratory diseases . . . . . (J40–J47)	10	1.1	*	9	Chronic lower respiratory diseases . . . . . (J40–J47)	23	0.9	0.4
10	Certain conditions originating in the perinatal period . . . . . (P00–P96)	9	1.0	*	10	Influenza and pneumonia . . . . . (J10–J18)	21	0.8	0.4
...	All other causes . . . . . (Residual)	212	24.2	3.4	...	All other causes . . . . . (Residual)	480	19.2	8.3
White, non-Hispanic, female, 10–14 years					White, non-Hispanic, female, 25–34 years				
...	All causes . . . . .	970	100.0	15.4	...	All causes . . . . .	7,537	100.0	58.6
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	365	37.6	5.8	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,923	25.5	15.0
2	Malignant neoplasms . . . . . (C00–C97)	132	13.6	2.1	2	Malignant neoplasms . . . . . (C00–C97)	1,341	17.8	10.4
3	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	65	6.7	1.0	3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	722	9.6	5.6
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	46	4.7	0.7	4	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	603	8.0	4.7
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	43	4.4	0.7	5	Assault (homicide) . . . . . (X85–Y09,Y87.1)	382	5.1	3.0
6	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	33	3.4	0.5	6	Diabetes mellitus . . . . . (E10–E14)	160	2.1	1.2
7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	13	1.3	*	7	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	156	2.1	1.2
7	Cerebrovascular diseases . . . . . (I60–I69)	13	1.3	*	8	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	151	2.0	1.2
9	Influenza and pneumonia . . . . . (J10–J18)	12	1.2	*	9	Cerebrovascular diseases . . . . . (I60–I69)	150	2.0	1.2
10	Septicemia . . . . . (A40–A41)	9	0.9	*	10	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	92	1.2	0.7
10	Chronic lower respiratory diseases . . . . . (J40–J47)	9	0.9	*	...	All other causes . . . . . (Residual)	1,857	24.6	14.4
...	All other causes . . . . . (Residual)	230	23.7	3.7	White, non-Hispanic, female, 35–44 years				
White, non-Hispanic, female, 15–19 years					...	All causes . . . . .	20,339	100.0	124.8
...	All causes . . . . .	2,691	100.0	42.3	1	Malignant neoplasms . . . . . (C00–C97)	6,423	31.6	39.4
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,590	59.1	25.0	2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	2,895	14.2	17.8
2	Malignant neoplasms . . . . . (C00–C97)	193	7.2	3.0	3	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	2,346	11.5	14.4
3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	191	7.1	3.0	4	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	1,259	6.2	7.7
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	126	4.7	2.0	5	Cerebrovascular diseases . . . . . (I60–I69)	694	3.4	4.3
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	102	3.8	1.6	6	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	670	3.3	4.1
6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	51	1.9	0.8	7	Diabetes mellitus . . . . . (E10–E14)	484	2.4	3.0
7	Chronic lower respiratory diseases . . . . . (J40–J47)	28	1.0	0.4	8	Assault (homicide) . . . . . (X85–Y09,Y87.1)	446	2.2	2.7
8	Influenza and pneumonia . . . . . (J10–J18)	23	0.9	0.4	9	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	314	1.5	1.9
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	18	0.7	*	10	Influenza and pneumonia . . . . . (J10–J18)	303	1.5	1.9
10	Cerebrovascular diseases . . . . . (I60–I69)	16	0.6	*	...	All other causes . . . . . (Residual)	4,505	22.1	27.6
...	All other causes . . . . . (Residual)	353	13.1	5.5					

See footnotes at end of table.

**Table 2. Deaths, percent 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, 1999—Con.**

[Rates per 100,000 population 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 by race, data for non-Hispanic persons are tabulated by race]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
White, non-Hispanic, female, 45–54 years					White, non-Hispanic, female, 65–74 years				
...	All causes . . . . .	39,657	100.0	284.5	...	All causes . . . . .	158,335	100.0	1,942.9
1	Malignant neoplasms . . . . . (C00–C97)	17,356	43.8	124.5	1	Malignant neoplasms . . . . . (C00–C97)	56,601	35.7	694.6
2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	6,076	15.3	43.6	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	39,051	24.7	479.2
3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	2,250	5.7	16.1	3	Chronic lower respiratory diseases . . . . . (J40–J47)	13,841	8.7	169.8
4	Cerebrovascular diseases . . . . . (I60–I69)	1,481	3.7	10.6	4	Cerebrovascular diseases . . . . . (I60–I69)	8,995	5.7	110.4
5	Chronic lower respiratory diseases . . . . . (J40–J47)	1,198	3.0	8.6	5	Diabetes mellitus . . . . . (E10–E14)	5,598	3.5	68.7
6	Diabetes mellitus . . . . . (E10–E14)	1,139	2.9	8.2	6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	2,606	1.6	32.0
7	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	1,099	2.8	7.9	7	Influenza and pneumonia . . . . . (J10–J18)	2,394	1.5	29.4
8	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	1,065	2.7	7.6	8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	2,186	1.4	26.8
9	Septicemia . . . . . (A40–A41)	464	1.2	3.3	9	Septicemia . . . . . (A40–A41)	2,029	1.3	24.9
10	Influenza and pneumonia . . . . . (J10–J18)	439	1.1	3.1	10	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	1,736	1.1	21.3
...	All other causes . . . . . (Residual)	7,090	17.9	50.9	...	All other causes . . . . . (Residual)	23,298	14.7	285.9
White, non-Hispanic, female, 55–64 years					White, non-Hispanic, female, 75–84 years				
...	All causes . . . . .	72,101	100.0	751.0	...	All causes . . . . .	307,816	100.0	4,926.2
1	Malignant neoplasms . . . . . (C00–C97)	32,130	44.6	334.7	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	96,765	31.4	1,548.6
2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	14,484	20.1	150.9	2	Malignant neoplasms . . . . . (C00–C97)	67,760	22.0	1,084.4
3	Chronic lower respiratory diseases . . . . . (J40–J47)	4,695	6.5	48.9	3	Cerebrovascular diseases . . . . . (I60–I69)	28,560	9.3	457.1
4	Cerebrovascular diseases . . . . . (I60–I69)	2,832	3.9	29.5	4	Chronic lower respiratory diseases . . . . . (J40–J47)	22,285	7.2	356.6
5	Diabetes mellitus . . . . . (E10–E14)	2,474	3.4	25.8	5	Diabetes mellitus . . . . . (E10–E14)	9,099	3.0	145.6
6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,725	2.4	18.0	6	Alzheimer's disease . . . . . (G30)	9,021	2.9	144.4
7	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	1,232	1.7	12.8	7	Influenza and pneumonia . . . . . (J10–J18)	8,530	2.8	136.5
8	Septicemia . . . . . (A40–A41)	888	1.2	9.2	8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	5,206	1.7	83.3
9	Influenza and pneumonia . . . . . (J10–J18)	845	1.2	8.8	9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	4,597	1.5	73.6
10	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	733	1.0	7.6	10	Septicemia . . . . . (A40–A41)	4,179	1.4	66.9
...	All other causes . . . . . (Residual)	10,063	14.0	104.8	...	All other causes . . . . . (Residual)	51,814	16.8	829.2
White, non-Hispanic, female, 65 years and over					White, non-Hispanic, female, 85 years and over				
...	All causes . . . . .	854,540	100.0	5,044.8	...	All causes . . . . .	388,389	100.0	15,284.6
1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	290,533	34.0	1,715.2	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	154,717	39.8	6,088.7
2	Malignant neoplasms . . . . . (C00–C97)	161,836	18.9	955.4	2	Cerebrovascular diseases . . . . . (I60–I69)	43,932	11.3	1,728.9
3	Cerebrovascular diseases . . . . . (I60–I69)	81,487	9.5	481.1	3	Malignant neoplasms . . . . . (C00–C97)	37,475	9.6	1,474.8
4	Chronic lower respiratory diseases . . . . . (J40–J47)	49,952	5.8	294.9	4	Influenza and pneumonia . . . . . (J10–J18)	18,428	4.7	725.2
5	Influenza and pneumonia . . . . . (J10–J18)	29,352	3.4	173.3	5	Alzheimer's disease . . . . . (G30)	17,776	4.6	699.6
6	Alzheimer's disease . . . . . (G30)	28,355	3.3	167.4	6	Chronic lower respiratory diseases . . . . . (J40–J47)	13,826	3.6	544.1
7	Diabetes mellitus . . . . . (E10–E14)	21,856	2.6	129.0	7	Diabetes mellitus . . . . . (E10–E14)	7,159	1.8	281.7
8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	14,453	1.7	85.3	8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	6,641	1.7	261.3
9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	12,330	1.4	72.8	9	Atherosclerosis . . . . . (I70)	5,603	1.4	220.5
10	Septicemia . . . . . (A40–A41)	11,430	1.3	67.5	10	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	5,547	1.4	218.3
...	All other causes . . . . . (Residual)	152,956	17.9	903.0	...	All other causes . . . . . (Residual)	77,285	19.9	3,041.5

See footnotes at end of table.



**Table 2. Deaths, percent 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, 1999—Con.**

[Rates per 100,000 population 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 by race, data for non-Hispanic persons are tabulated by race]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Black, non-Hispanic, both sexes, all ages <sup>3</sup>					Black, non-Hispanic, both sexes, 10–14 years				
...	All causes . . . . .	281,979	100.0	852.1	...	All causes . . . . .	902	100.0	30.8
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	77,713	27.6	234.8	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	309	34.3	10.6
2	Malignant neoplasms . . . . . (C00–C97)	61,409	21.8	185.6	2	Malignant neoplasms . . . . . (C00–C97)	95	10.5	3.2
3	Cerebrovascular diseases . . . . . (I60–I69)	18,731	6.6	56.6	3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	80	8.9	2.7
4	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	12,533	4.4	37.9	4	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	56	6.2	1.9
5	Diabetes mellitus . . . . . (E10–E14)	11,830	4.2	35.7	5	Chronic lower respiratory diseases . . . . . (J40–J47)	47	5.2	1.6
6	Chronic lower respiratory diseases . . . . . (J40–J47)	7,840	2.8	23.7	6	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	45	5.0	1.5
7	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	7,751	2.7	23.4	7	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	29	3.2	1.0
8	Assault (homicide) . . . . . (X85–Y09,Y87.1)	7,536	2.7	22.8	8	Anemias . . . . . (D50–D64)	16	1.8	*
9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	6,659	2.4	20.1	9	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	15	1.7	*
10	Influenza and pneumonia . . . . . (J10–J18)	5,794	2.1	17.5	10	Cerebrovascular diseases . . . . . (I60–I69)	12	1.3	*
...	All other causes . . . . . (Residual)	64,183	22.8	194.0	...	All other causes . . . . . (Residual)	198	22.0	6.8
Black, non-Hispanic, both sexes, 1–4 years					Black, non-Hispanic, both sexes, 15–19 years				
...	All causes . . . . .	1,283	100.0	61.8	...	All causes . . . . .	2,813	100.0	97.3
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	428	33.4	20.6	1	Assault (homicide) . . . . . (X85–Y09,Y87.1)	1,117	39.7	38.6
2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	151	11.8	7.3	2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	764	27.2	26.4
3	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	137	10.7	6.6	3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	176	6.3	6.1
4	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	49	3.8	2.4	4	Malignant neoplasms . . . . . (C00–C97)	136	4.8	4.7
5	Malignant neoplasms . . . . . (C00–C97)	47	3.7	2.3	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	128	4.6	4.4
6	Influenza and pneumonia . . . . . (J10–J18)	40	3.1	1.9	6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	42	1.5	1.5
7	Certain conditions originating in the perinatal period . . . . . (P00–P96)	29	2.3	1.4	7	Chronic lower respiratory diseases . . . . . (J40–J47)	36	1.3	1.2
8	Anemias . . . . . (D50–D64)	20	1.6	1.0	8	Anemias . . . . . (D50–D64)	23	0.8	0.8
9	Chronic lower respiratory diseases . . . . . (J40–J47)	18	1.4	*	9	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	21	0.7	0.7
10	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	17	1.3	*	10	Cerebrovascular diseases . . . . . (I60–I69)	18	0.6	*
...	All other causes . . . . . (Residual)	347	27.0	16.7	10	Pregnancy, childbirth and the puerperium . . . . . (O00–O99)	18	0.6	*
Black, non-Hispanic, both sexes, 5–9 years					Black, non-Hispanic, both sexes, 20–24 years				
...	All causes . . . . .	869	100.0	29.3	...	All causes . . . . .	4,167	100.0	163.0
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	392	45.1	13.2	1	Assault (homicide) . . . . . (X85–Y09,Y87.1)	1,635	39.2	64.0
2	Malignant neoplasms . . . . . (C00–C97)	84	9.7	2.8	2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	930	22.3	36.4
3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	65	7.5	2.2	3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	287	6.9	11.2
4	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	49	5.6	1.7	4	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	208	5.0	8.1
5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	32	3.7	1.1	5	Malignant neoplasms . . . . . (C00–C97)	178	4.3	7.0
6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	26	3.0	0.9	6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	109	2.6	4.3
7	Chronic lower respiratory diseases . . . . . (J40–J47)	19	2.2	*	7	Anemias . . . . . (D50–D64)	61	1.5	2.4
8	Anemias . . . . . (D50–D64)	17	2.0	*	8	Chronic lower respiratory diseases . . . . . (J40–J47)	42	1.0	1.6
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	12	1.4	*	9	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	40	1.0	1.6
10	Influenza and pneumonia . . . . . (J10–J18)	8	0.9	*	10	Influenza and pneumonia . . . . . (J10–J18)	35	0.8	1.4
...	All other causes . . . . . (Residual)	165	19.0	5.6	...	All other causes . . . . . (Residual)	642	15.4	25.1

See footnotes at end of table.

**Table 2. Deaths, percent 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, 1999—Con.**

[Rates per 100,000 population 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 by race, data for non-Hispanic persons are tabulated by race]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Black, non-Hispanic, both sexes, 25–34 years					Black, non-Hispanic, both sexes, 55–64 years				
...	All causes . . . . .	9,992	100.0	200.0	...	All causes . . . . .	39,063	100.0	1,736.7
1	Assault (homicide) . . . . . (X85–Y09,Y87.1)	2,122	21.2	42.5	1	Malignant neoplasms . . . . . (C00–C97)	12,322	31.5	547.8
2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,738	17.4	34.8	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	11,346	29.0	504.4
3	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	1,479	14.8	29.6	3	Cerebrovascular diseases . . . . . (I60–I69)	2,269	5.8	100.9
4	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	913	9.1	18.3	4	Diabetes mellitus . . . . . (E10–E14)	2,136	5.5	95.0
5	Malignant neoplasms . . . . . (C00–C97)	660	6.6	13.2	5	Chronic lower respiratory diseases . . . . . (J40–J47)	1,085	2.8	48.2
6	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	497	5.0	9.9	6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,047	2.7	46.5
7	Diabetes mellitus . . . . . (E10–E14)	160	1.6	3.2	7	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	879	2.3	39.1
8	Cerebrovascular diseases . . . . . (I60–I69)	149	1.5	3.0	8	Septicemia . . . . . (A40–A41)	716	1.8	31.8
9	Chronic lower respiratory diseases . . . . . (J40–J47)	140	1.4	2.8	9	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	691	1.8	30.7
10	Anemias . . . . . (D50–D64)	139	1.4	2.8	10	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	613	1.6	27.3
...	All other causes . . . . . (Residual)	1,995	20.0	39.9	...	All other causes . . . . . (Residual)	5,959	15.3	264.9
Black, non-Hispanic, both sexes, 35–44 years					Black, non-Hispanic, both sexes, 65 years and over				
...	All causes . . . . .	20,770	100.0	387.0	...	All causes . . . . .	162,096	100.0	5,817.9
1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	3,506	16.9	65.3	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	53,883	33.2	1,934.0
2	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	3,154	15.2	58.8	2	Malignant neoplasms . . . . . (C00–C97)	37,077	22.9	1,330.8
3	Malignant neoplasms . . . . . (C00–C97)	3,049	14.7	56.8	3	Cerebrovascular diseases . . . . . (I60–I69)	13,750	8.5	493.5
4	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	2,245	10.8	41.8	4	Diabetes mellitus . . . . . (E10–E14)	7,757	4.8	278.4
5	Assault (homicide) . . . . . (X85–Y09,Y87.1)	1,305	6.3	24.3	5	Chronic lower respiratory diseases . . . . . (J40–J47)	5,620	3.5	201.7
6	Cerebrovascular diseases . . . . . (I60–I69)	808	3.9	15.1	6	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	4,655	2.9	167.1
7	Diabetes mellitus . . . . . (E10–E14)	502	2.4	9.4	7	Influenza and pneumonia . . . . . (J10–J18)	4,253	2.6	152.6
8	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	453	2.2	8.4	8	Septicemia . . . . . (A40–A41)	4,006	2.5	143.8
9	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	430	2.1	8.0	9	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	2,612	1.6	93.7
10	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	310	1.5	5.8	10	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	2,514	1.6	90.2
...	All other causes . . . . . (Residual)	5,008	24.1	93.3	...	All other causes . . . . . (Residual)	25,969	16.0	932.1
Black, non-Hispanic, both sexes, 45–54 years					Black, non-Hispanic, both sexes, 65–74 years				
...	All causes . . . . .	31,377	100.0	835.2	...	All causes . . . . .	55,567	100.0	3,434.7
1	Malignant neoplasms . . . . . (C00–C97)	7,749	24.7	206.3	1	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	17,019	30.6	1,052.0
2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	7,448	23.7	198.2	2	Malignant neoplasms . . . . . (C00–C97)	16,625	29.9	1,027.6
3	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	2,057	6.6	54.8	3	Cerebrovascular diseases . . . . . (I60–I69)	3,792	6.8	234.4
4	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,903	6.1	50.7	4	Diabetes mellitus . . . . . (E10–E14)	3,120	5.6	192.9
5	Cerebrovascular diseases . . . . . (I60–I69)	1,662	5.3	44.2	5	Chronic lower respiratory diseases . . . . . (J40–J47)	2,090	3.8	129.2
6	Diabetes mellitus . . . . . (E10–E14)	1,219	3.9	32.4	6	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	1,554	2.8	96.1
7	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	905	2.9	24.1	7	Septicemia . . . . . (A40–A41)	1,212	2.2	74.9
8	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	615	2.0	16.4	8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	943	1.7	58.3
9	Assault (homicide) . . . . . (X85–Y09,Y87.1)	557	1.8	14.8	9	Influenza and pneumonia . . . . . (J10–J18)	880	1.6	54.4
10	Chronic lower respiratory diseases . . . . . (J40–J47)	556	1.8	14.8	10	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	764	1.4	47.2
...	All other causes . . . . . (Residual)	6,706	21.4	178.5	...	All other causes . . . . . (Residual)	7,568	13.6	467.8

See footnotes at end of table.

**Table 2. Deaths, percent 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, 1999—Con.**

[Rates per 100,000 population 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 by race, data for non-Hispanic persons are tabulated by race]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Black, non-Hispanic, both sexes, 75–84 years					Black, non-Hispanic, male, 1–4 years				
...	All causes . . . . .	60,634	100.0	7,028.4	...	All causes . . . . .	734	100.0	69.8
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	19,808	32.7	2,296.0	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	260	35.4	24.7
2	Malignant neoplasms . . . . . (C00–C97)	14,192	23.4	1,645.1	2	Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99)	79	10.8	7.5
3	Cerebrovascular diseases . . . . . (I60–I69)	5,314	8.8	616.0	3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	74	10.1	7.0
4	Diabetes mellitus . . . . . (E10–E14)	2,995	4.9	347.2	4	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	27	3.7	2.6
5	Chronic lower respiratory diseases . . . . . (J40–J47)	2,364	3.9	274.0	5	Influenza and pneumonia . . . . . (J10–J18)	25	3.4	2.4
6	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	1,750	2.9	202.9	6	Malignant neoplasms . . . . . (C00–C97)	24	3.3	2.3
7	Septicemia . . . . . (A40–A41)	1,513	2.5	175.4	7	Certain conditions originating in the perinatal period . . . . . (P00–P96)	19	2.6	*
8	Influenza and pneumonia . . . . . (J10–J18)	1,410	2.3	163.4	8	Chronic lower respiratory diseases . . . . . (J40–J47)	13	1.8	*
9	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	1,006	1.7	116.6	9	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	11	1.5	*
10	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	925	1.5	107.2	9	Anemias . . . . . (D50–D64)	11	1.5	*
...	All other causes . . . . . (Residual)	9,357	15.4	1,084.6	...	All other causes . . . . . (Residual)	191	26.0	18.2
Black, non-Hispanic, both sexes, 85 years and over					Black, non-Hispanic, male, 5–9 years				
...	All causes . . . . .	45,895	100.0	15,015.8	...	All causes . . . . .	508	100.0	33.8
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	17,056	37.2	5,580.3	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	254	50.0	16.9
2	Malignant neoplasms . . . . . (C00–C97)	6,260	13.6	2,048.1	2	Malignant neoplasms . . . . . (C00–C97)	40	7.9	2.7
3	Cerebrovascular diseases . . . . . (I60–I69)	4,644	10.1	1,519.4	3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	34	6.7	2.3
4	Influenza and pneumonia . . . . . (J10–J18)	1,963	4.3	642.2	4	Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99)	24	4.7	1.6
5	Diabetes mellitus . . . . . (E10–E14)	1,642	3.6	537.2	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	18	3.5	*
6	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	1,351	2.9	442.0	6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	14	2.8	*
7	Septicemia . . . . . (A40–A41)	1,281	2.8	419.1	7	Chronic lower respiratory diseases . . . . . (J40–J47)	13	2.6	*
8	Chronic lower respiratory diseases . . . . . (J40–J47)	1,166	2.5	381.5	8	Anemias . . . . . (D50–D64)	7	1.4	*
9	Alzheimer's disease . . . . . (G30)	1,159	2.5	379.2	9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	6	1.2	*
10	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	842	1.8	275.5	10	Influenza and pneumonia . . . . . (J10–J18)	5	1.0	*
...	All other causes . . . . . (Residual)	8,531	18.6	2,791.1	...	All other causes . . . . . (Residual)	93	18.3	6.2
Black, non-Hispanic, male, all ages <sup>3</sup>					Black, non-Hispanic, male, 10–14 years				
...	All causes . . . . .	143,883	100.0	918.0	...	All causes . . . . .	573	100.0	38.6
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	37,077	25.8	236.6	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	213	37.2	14.3
2	Malignant neoplasms . . . . . (C00–C97)	32,542	22.6	207.6	2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	55	9.6	3.7
3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	8,629	6.0	55.1	3	Malignant neoplasms . . . . . (C00–C97)	54	9.4	3.6
4	Cerebrovascular diseases . . . . . (I60–I69)	7,823	5.4	49.9	4	Chronic lower respiratory diseases . . . . . (J40–J47)	33	5.8	2.2
5	Assault (homicide) . . . . . (X85–Y09,Y87.1)	6,131	4.3	39.1	5	Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99)	29	5.1	2.0
6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	5,377	3.7	34.3	6	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	27	4.7	1.8
7	Diabetes mellitus . . . . . (E10–E14)	4,718	3.3	30.1	7	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	22	3.8	1.5
8	Chronic lower respiratory diseases . . . . . (J40–J47)	4,452	3.1	28.4	8	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	9	1.6	*
9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	2,984	2.1	19.0	8	Anemias . . . . . (D50–D64)	9	1.6	*
10	Certain conditions originating in the perinatal period . . . . . (P00–P96)	2,818	2.0	18.0	10	Cerebrovascular diseases . . . . . (I60–I69)	6	1.0	*
...	All other causes . . . . . (Residual)	31,332	21.8	199.9	...	All other causes . . . . . (Residual)	116	20.2	7.8

See footnotes at end of table.

**Table 2. Deaths, percent 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, 1999—Con.**

[Rates per 100,000 population 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 by race, data for non-Hispanic persons are tabulated by race]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Black, non-Hispanic, male, 15–19 years					Black, non-Hispanic, male, 35–44 years				
...	All causes . . . . .	2,133	100.0	145.2	...	All causes . . . . .	12,384	100.0	493.8
1	Assault (homicide) . . . . . (X85–Y09,Y87.1)	969	45.4	66.0	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	2,165	17.5	86.3
2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	568	26.6	38.7	2	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	2,157	17.4	86.0
3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	152	7.1	10.3	3	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,628	13.1	64.9
4	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	90	4.2	6.1	4	Malignant neoplasms . . . . . (C00–C97)	1,255	10.1	50.0
5	Malignant neoplasms . . . . . (C00–C97)	84	3.9	5.7	5	Assault (homicide) . . . . . (X85–Y09,Y87.1)	980	7.9	39.1
6	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	26	1.2	1.8	6	Cerebrovascular diseases . . . . . (I60–I69)	387	3.1	15.4
7	Chronic lower respiratory diseases . . . . . (J40–J47)	23	1.1	1.6	7	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	353	2.9	14.1
8	Anemias . . . . . (D50–D64)	13	0.6	*	8	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	293	2.4	11.7
9	Legal intervention . . . . . (Y35,Y89.0)	10	0.5	*	9	Diabetes mellitus . . . . . (E10–E14)	276	2.2	11.0
10	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	8	0.4	*	10	Influenza and pneumonia . . . . . (J10–J18)	173	1.4	6.9
10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	8	0.4	*	10	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	173	1.4	6.9
...	All other causes . . . . . (Residual)	182	8.5	12.4	...	All other causes . . . . . (Residual)	2,544	20.5	101.4
Black, non-Hispanic, male, 20–24 years					Black, non-Hispanic, male, 45–54 years				
...	All causes . . . . .	3,153	100.0	249.7	...	All causes . . . . .	19,026	100.0	1,119.2
1	Assault (homicide) . . . . . (X85–Y09,Y87.1)	1,464	46.4	115.9	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	4,716	24.8	277.4
2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	713	22.6	56.5	2	Malignant neoplasms . . . . . (C00–C97)	4,098	21.5	241.1
3	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	256	8.1	20.3	3	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	1,552	8.2	91.3
4	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	122	3.9	9.7	4	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,441	7.6	84.8
5	Malignant neoplasms . . . . . (C00–C97)	97	3.1	7.7	5	Cerebrovascular diseases . . . . . (I60–I69)	900	4.7	52.9
6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	44	1.4	3.5	6	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	649	3.4	38.2
7	Anemias . . . . . (D50–D64)	37	1.2	2.9	7	Diabetes mellitus . . . . . (E10–E14)	641	3.4	37.7
8	Chronic lower respiratory diseases . . . . . (J40–J47)	29	0.9	2.3	8	Assault (homicide) . . . . . (X85–Y09,Y87.1)	431	2.3	25.4
9	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	24	0.8	1.9	9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	353	1.9	20.8
10	Legal intervention . . . . . (Y35,Y89.0)	21	0.7	1.7	10	Chronic lower respiratory diseases . . . . . (J40–J47)	284	1.5	16.7
...	All other causes . . . . . (Residual)	346	11.0	27.4	...	All other causes . . . . . (Residual)	3,961	20.8	233.0
Black, non-Hispanic, male, 25–34 years					Black, non-Hispanic, male, 55–64 years				
...	All causes . . . . .	6,633	100.0	281.0	...	All causes . . . . .	22,493	100.0	2,316.1
1	Assault (homicide) . . . . . (X85–Y09,Y87.1)	1,771	26.7	75.0	1	Malignant neoplasms . . . . . (C00–C97)	6,933	30.8	713.9
2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,313	19.8	55.6	2	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	6,907	30.7	711.2
3	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	919	13.9	38.9	3	Cerebrovascular diseases . . . . . (I60–I69)	1,235	5.5	127.2
4	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	546	8.2	23.1	4	Diabetes mellitus . . . . . (E10–E14)	986	4.4	101.5
5	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	432	6.5	18.3	5	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	742	3.3	76.4
6	Malignant neoplasms . . . . . (C00–C97)	294	4.4	12.5	6	Chronic lower respiratory diseases . . . . . (J40–J47)	624	2.8	64.3
7	Diabetes mellitus . . . . . (E10–E14)	85	1.3	3.6	7	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	471	2.1	48.5
8	Anemias . . . . . (D50–D64)	72	1.1	3.0	8	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	453	2.0	46.6
8	Cerebrovascular diseases . . . . . (I60–I69)	72	1.1	3.0	9	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	426	1.9	43.9
10	Chronic lower respiratory diseases . . . . . (J40–J47)	67	1.0	2.8	10	Septicemia . . . . . (A40–A41)	392	1.7	40.4
...	All other causes . . . . . (Residual)	1,062	16.0	45.0	...	All other causes . . . . . (Residual)	3,324	14.8	342.3

See footnotes at end of table.



**Table 2. Deaths, percent 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, 1999—Con.**

[Rates per 100,000 population 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 by race, data for non-Hispanic persons are tabulated by race]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Black, non-Hispanic, male, 65 years and over					Black, non-Hispanic, male, 85 years and over				
...	All causes . . . . .	71,439	100.0	6,530.3	...	All causes . . . . .	14,628	100.0	16,321.0
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	22,377	31.3	2,045.5	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	4,945	33.8	5,517.3
2	Malignant neoplasms . . . . . (C00–C97)	19,659	27.5	1,797.1	2	Malignant neoplasms . . . . . (C00–C97)	2,828	19.3	3,155.3
3	Cerebrovascular diseases . . . . . (I60–I69)	5,182	7.3	473.7	3	Cerebrovascular diseases . . . . . (I60–I69)	1,225	8.4	1,366.8
4	Chronic lower respiratory diseases . . . . . (J40–J47)	3,235	4.5	295.7	4	Influenza and pneumonia . . . . . (J10–J18)	676	4.6	754.2
5	Diabetes mellitus . . . . . (E10–E14)	2,704	3.8	247.2	5	Chronic lower respiratory diseases . . . . . (J40–J47)	595	4.1	663.9
6	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	1,942	2.7	177.5	6	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	448	3.1	499.8
7	Influenza and pneumonia . . . . . (J10–J18)	1,882	2.6	172.0	7	Diabetes mellitus . . . . . (E10–E14)	426	2.9	475.3
8	Septicemia . . . . . (A40–A41)	1,637	2.3	149.6	8	Septicemia . . . . . (A40–A41)	380	2.6	424.0
9	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	1,347	1.9	123.1	9	Alzheimer's disease . . . . . (G30)	270	1.8	301.2
10	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	955	1.3	87.3	10	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	268	1.8	299.0
...	All other causes . . . . . (Residual)	10,519	14.7	961.6	...	All other causes . . . . . (Residual)	2,567	17.5	2,864.1
Black, non-Hispanic, male, 65–74 years					Black, non-Hispanic, female, all ages <sup>3</sup>				
...	All causes . . . . .	29,259	100.0	4,294.4	...	All causes . . . . .	138,096	100.0	792.8
1	Malignant neoplasms . . . . . (C00–C97)	9,228	31.5	1,354.4	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	40,636	29.4	233.3
2	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	9,016	30.8	1,323.3	2	Malignant neoplasms . . . . . (C00–C97)	28,867	20.9	165.7
3	Cerebrovascular diseases . . . . . (I60–I69)	1,857	6.3	272.6	3	Cerebrovascular diseases . . . . . (I60–I69)	10,908	7.9	62.6
4	Diabetes mellitus . . . . . (E10–E14)	1,262	4.3	185.2	4	Diabetes mellitus . . . . . (E10–E14)	7,112	5.2	40.8
5	Chronic lower respiratory diseases . . . . . (J40–J47)	1,238	4.2	181.7	5	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	3,904	2.8	22.4
6	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	691	2.4	101.4	6	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	3,675	2.7	21.1
7	Septicemia . . . . . (A40–A41)	609	2.1	89.4	7	Chronic lower respiratory diseases . . . . . (J40–J47)	3,388	2.5	19.5
8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	596	2.0	87.5	8	Septicemia . . . . . (A40–A41)	3,178	2.3	18.2
9	Influenza and pneumonia . . . . . (J10–J18)	518	1.8	76.0	9	Influenza and pneumonia . . . . . (J10–J18)	3,008	2.2	17.3
10	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	348	1.2	51.1	10	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	2,374	1.7	13.6
...	All other causes . . . . . (Residual)	3,896	13.3	571.8	...	All other causes . . . . . (Residual)	31,046	22.5	178.2
Black, non-Hispanic, male, 75–84 years					Black, non-Hispanic, female, 1–4 years				
...	All causes . . . . .	27,552	100.0	8,530.3	...	All causes . . . . .	549	100.0	53.7
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	8,416	30.5	2,605.7	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	168	30.6	16.4
2	Malignant neoplasms . . . . . (C00–C97)	7,603	27.6	2,353.9	2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	77	14.0	7.5
3	Cerebrovascular diseases . . . . . (I60–I69)	2,100	7.6	650.2	3	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	58	10.6	5.7
4	Chronic lower respiratory diseases . . . . . (J40–J47)	1,402	5.1	434.1	4	Malignant neoplasms . . . . . (C00–C97)	23	4.2	2.2
5	Diabetes mellitus . . . . . (E10–E14)	1,016	3.7	314.6	5	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	22	4.0	2.2
6	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	803	2.9	248.6	6	Influenza and pneumonia . . . . . (J10–J18)	15	2.7	*
7	Influenza and pneumonia . . . . . (J10–J18)	688	2.5	213.0	7	Certain conditions originating in the perinatal period . . . . . (P00–P96)	10	1.8	*
8	Septicemia . . . . . (A40–A41)	648	2.4	200.6	8	Anemias . . . . . (D50–D64)	9	1.6	*
9	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	483	1.8	149.5	9	Complications of medical and surgical care . . . . . (Y40–Y84,Y88)	7	1.3	*
10	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	381	1.4	118.0	10	Septicemia . . . . . (A40–A41)	6	1.1	*
...	All other causes . . . . . (Residual)	4,012	14.6	1,242.1	10	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	6	1.1	*
...					10	Cerebrovascular diseases . . . . . (I60–I69)	6	1.1	*
...					...	All other causes . . . . . (Residual)	142	25.9	13.9

See footnotes at end of table.



**Table 2. Deaths, percent 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, 1999—Con.**

[Rates per 100,000 population 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 by race, data for non-Hispanic persons are tabulated by race]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
Black, non-Hispanic, female, 5–9 years					Black, non-Hispanic, female, 20–24 years				
...	All causes . . . . .	361	100.0	24.8	...	All causes . . . . .	1,014	100.0	78.4
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	138	38.2	9.5	1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	217	21.4	16.8
2	Malignant neoplasms . . . . . (C00–C97)	44	12.2	3.0	2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	171	16.9	13.2
3	Assault (homicide) . . . . . (X85–Y09,Y87.1)	31	8.6	2.1	3	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	86	8.5	6.7
4	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	25	6.9	1.7	4	Malignant neoplasms . . . . . (C00–C97)	81	8.0	6.3
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	14	3.9	*	5	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	65	6.4	5.0
6	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	12	3.3	*	6	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	31	3.1	2.4
7	Anemias . . . . . (D50–D64)	10	2.8	*	7	Pregnancy, childbirth and the puerperium . . . . . (O00–O99)	28	2.8	2.2
8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . . (D00–D48)	6	1.7	*	8	Anemias . . . . . (D50–D64)	24	2.4	1.9
8	Chronic lower respiratory diseases . . . . . (J40–J47)	6	1.7	*	9	Influenza and pneumonia . . . . . (J10–J18)	18	1.8	*
10	Septicemia . . . . . (A40–A41)	3	0.8	*	10	Septicemia . . . . . (A40–A41)	16	1.6	*
10	Influenza and pneumonia . . . . . (J10–J18)	3	0.8	*	10	Diabetes mellitus . . . . . (E10–E14)	16	1.6	*
...	All other causes . . . . . (Residual)	69	19.1	4.7	...	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	16	1.6	*
Black, non-Hispanic, female, 10–14 years					Black, non-Hispanic, female, 25–34 years				
...	All causes . . . . .	329	100.0	22.8	...	All causes . . . . .	3,359	100.0	127.4
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	96	29.2	6.7	1	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	560	16.7	21.2
2	Malignant neoplasms . . . . . (C00–C97)	41	12.5	2.8	2	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	425	12.7	16.1
3	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	27	8.2	1.9	3	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	367	10.9	13.9
4	Assault (homicide) . . . . . (X85–Y09,Y87.1)	25	7.6	1.7	4	Malignant neoplasms . . . . . (C00–C97)	366	10.9	13.9
5	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	18	5.5	*	5	Assault (homicide) . . . . . (X85–Y09,Y87.1)	351	10.4	13.3
6	Chronic lower respiratory diseases . . . . . (J40–J47)	14	4.3	*	6	Cerebrovascular diseases . . . . . (I60–I69)	77	2.3	2.9
7	Anemias . . . . . (D50–D64)	7	2.1	*	7	Diabetes mellitus . . . . . (E10–E14)	75	2.2	2.8
7	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	7	2.1	*	8	Chronic lower respiratory diseases . . . . . (J40–J47)	73	2.2	2.8
9	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	6	1.8	*	9	Pregnancy, childbirth and the puerperium . . . . . (O00–O99)	70	2.1	2.7
9	Cerebrovascular diseases . . . . . (I60–I69)	6	1.8	*	10	Anemias . . . . . (D50–D64)	67	2.0	2.5
...	All other causes . . . . . (Residual)	82	24.9	5.7	...	All other causes . . . . . (Residual)	928	27.6	35.2
Black, non-Hispanic, female, 15–19 years					Black, non-Hispanic, female, 35–44 years				
...	All causes . . . . .	680	100.0	47.8	...	All causes . . . . .	8,386	100.0	293.4
1	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	196	28.8	13.8	1	Malignant neoplasms . . . . . (C00–C97)	1,794	21.4	62.8
2	Assault (homicide) . . . . . (X85–Y09,Y87.1)	148	21.8	10.4	2	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	1,341	16.0	46.9
3	Malignant neoplasms . . . . . (C00–C97)	52	7.6	3.7	3	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	997	11.9	34.9
4	Diseases of heart . . . . . (I00–I09,I11,I13,I20–I51)	38	5.6	2.7	4	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	617	7.4	21.6
5	Intentional self-harm (suicide) . . . . . (X60–X84,Y87.0)	24	3.5	1.7	5	Cerebrovascular diseases . . . . . (I60–I69)	421	5.0	14.7
6	Pregnancy, childbirth and the puerperium . . . . . (O00–O99)	18	2.6	*	6	Assault (homicide) . . . . . (X85–Y09,Y87.1)	325	3.9	11.4
7	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	16	2.4	*	7	Diabetes mellitus . . . . . (E10–E14)	226	2.7	7.9
8	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	13	1.9	*	8	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	160	1.9	5.6
8	Chronic lower respiratory diseases . . . . . (J40–J47)	13	1.9	*	9	Chronic lower respiratory diseases . . . . . (J40–J47)	137	1.6	4.8
10	Cerebrovascular diseases . . . . . (I60–I69)	11	1.6	*	9	Nephritis, nephrotic syndrome and nephrosis . . . . . (N00–N07,N17–N19,N25–N27)	137	1.6	4.8
...	All other causes . . . . . (Residual)	151	22.2	10.6	...	All other causes . . . . . (Residual)	2,231	26.6	78.0

See footnotes at end of table.

**Table 2. Deaths, percent 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, 1999—Con.**

[Rates per 100,000 population 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 by race, data for non-Hispanic persons are tabulated by race]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, sex, and age	Number <sup>2</sup>	Percent of total deaths <sup>2</sup>	Rate <sup>2</sup>
<b>Black, non-Hispanic, female, 45–54 years</b>					<b>Black, non-Hispanic, female, 65–74 years</b>				
...	All causes . . . . .	12,351	100.0	600.4	...	All causes . . . . .	26,308	100.0	2,809.3
1	Malignant neoplasms . . . . . (C00–C97)	3,651	29.6	177.5	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	8,003	30.4	854.6
2	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	2,732	22.1	132.8	2	Malignant neoplasms . . . . . (C00–C97)	7,397	28.1	789.9
3	Cerebrovascular diseases . . . . . (I60–I69)	762	6.2	37.0	3	Cerebrovascular diseases . . . . . (I60–I69)	1,935	7.4	206.6
4	Diabetes mellitus . . . . . (E10–E14)	578	4.7	28.1	4	Diabetes mellitus . . . . . (E10–E14)	1,858	7.1	198.4
5	Human immunodeficiency virus (HIV) disease . . . . . (B20–B24)	505	4.1	24.5	5	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	863	3.3	92.2
6	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	462	3.7	22.5	6	Chronic lower respiratory diseases . . . . . (J40–J47)	852	3.2	91.0
7	Chronic lower respiratory diseases . . . . . (J40–J47)	272	2.2	13.2	7	Septicemia . . . . . (A40–A41)	603	2.3	64.4
8	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	262	2.1	12.7	8	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	416	1.6	44.4
9	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	256	2.1	12.4	9	Influenza and pneumonia . . . . . (J10–J18)	362	1.4	38.7
10	Septicemia . . . . . (A40–A41)	239	1.9	11.6	10	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	347	1.3	37.1
...	All other causes . . . . . (Residual)	2,632	21.3	127.9	...	All other causes . . . . . (Residual)	3,672	14.0	392.1
<b>Black, non-Hispanic, female, 55–64 years</b>					<b>Black, non-Hispanic, female, 75–84 years</b>				
...	All causes . . . . .	16,570	100.0	1,296.5	...	All causes . . . . .	33,082	100.0	6,129.6
1	Malignant neoplasms . . . . . (C00–C97)	5,389	32.5	421.6	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	11,392	34.4	2,110.8
2	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	4,439	26.8	347.3	2	Malignant neoplasms . . . . . (C00–C97)	6,589	19.9	1,220.8
3	Diabetes mellitus . . . . . (E10–E14)	1,150	6.9	90.0	3	Cerebrovascular diseases . . . . . (I60–I69)	3,214	9.7	595.5
4	Cerebrovascular diseases . . . . . (I60–I69)	1,034	6.2	80.9	4	Diabetes mellitus . . . . . (E10–E14)	1,979	6.0	366.7
5	Chronic lower respiratory diseases . . . . . (J40–J47)	461	2.8	36.1	5	Chronic lower respiratory diseases . . . . . (J40–J47)	962	2.9	178.2
6	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	453	2.7	35.4	6	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	947	2.9	175.5
7	Septicemia . . . . . (A40–A41)	324	2.0	25.4	7	Septicemia . . . . . (A40–A41)	865	2.6	160.3
8	Accidents (unintentional injuries) . . . . . (V01–X59,Y85–Y86)	305	1.8	23.9	8	Influenza and pneumonia . . . . . (J10–J18)	722	2.2	133.8
9	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	250	1.5	19.6	9	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	625	1.9	115.8
10	Chronic liver disease and cirrhosis . . . . . (K70,K73–K74)	238	1.4	18.6	10	Alzheimer's disease . . . . . (G30)	593	1.8	109.9
...	All other causes . . . . . (Residual)	2,527	15.3	197.7	...	All other causes . . . . . (Residual)	5,194	15.7	962.4
<b>Black, non-Hispanic, female, 65 years and over</b>					<b>Black, non-Hispanic, female, 85 years and over</b>				
...	All causes . . . . .	90,657	100.0	5,357.4	...	All causes . . . . .	31,267	100.0	14,474.3
1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	31,506	34.8	1,861.9	1	Diseases of heart . . (I00–I09,I11,I13,I20–I51)	12,111	38.7	5,606.5
2	Malignant neoplasms . . . . . (C00–C97)	17,418	19.2	1,029.3	2	Malignant neoplasms . . . . . (C00–C97)	3,432	11.0	1,588.8
3	Cerebrovascular diseases . . . . . (I60–I69)	8,568	9.5	506.3	3	Cerebrovascular diseases . . . . . (I60–I69)	3,419	10.9	1,582.7
4	Diabetes mellitus . . . . . (E10–E14)	5,053	5.6	298.6	4	Influenza and pneumonia . . . . . (J10–J18)	1,287	4.1	595.8
5	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	2,713	3.0	160.3	5	Diabetes mellitus . . . . . (E10–E14)	1,216	3.9	562.9
6	Chronic lower respiratory diseases . . . . . (J40–J47)	2,385	2.6	140.9	6	Nephritis, nephrotic syndrome and nephrosis . . (N00–N07,N17–N19,N25–N27)	903	2.9	418.0
7	Influenza and pneumonia . . . . . (J10–J18)	2,371	2.6	140.1	7	Septicemia . . . . . (A40–A41)	901	2.9	417.1
8	Septicemia . . . . . (A40–A41)	2,369	2.6	140.0	8	Alzheimer's disease . . . . . (G30)	889	2.8	411.5
9	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	1,657	1.8	97.9	9	Essential (primary) hypertension and hypertensive renal disease . . . . . (I10,I12)	616	2.0	285.2
10	Alzheimer's disease . . . . . (G30)	1,619	1.8	95.7	10	Chronic lower respiratory diseases . . . . . (J40–J47)	571	1.8	264.3
...	All other causes . . . . . (Residual)	14,998	16.5	886.3	...	All other causes . . . . . (Residual)	5,922	18.9	2,741.4

... Category not applicable.

\* Figure does not meet standards of reliability or precision; see Technical notes.

<sup>1</sup>Rank based on number of deaths.

<sup>2</sup>Figures for age not stated are included in "All ages" but not distributed among age groups.

<sup>3</sup>Includes deaths for "Under 1 year."

**Table 3. Infant, neonatal, and postneonatal deaths, percent of total deaths, and mortality rates for the 10 leading causes of infant death by race and sex: United States, 1999**

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days–11 months) deaths per 100,000 live births in specified group. Data for races other than white and black should be interpreted with caution. Deaths based on race of decedent; live births based on race of mother; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, and sex	Number	Percent of total deaths	Mortality rate	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, and sex	Number	Percent of total deaths	Mortality rate
Infants, all races, both sexes					Infants, white, both sexes				
...	All causes	27,937	100.0	705.6	...	All causes	18,067	100.0	576.8
1	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	5,473	19.6	138.2	1	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	4,211	23.3	134.4
2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	4,392	15.7	110.9	2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	2,366	13.1	75.5
3	Sudden infant death syndrome . . . . . (R95)	2,648	9.5	66.9	3	Sudden infant death syndrome . . . . . (R95)	1,711	9.5	54.6
4	Newborn affected by maternal complications of pregnancy . . . . . (P01)	1,399	5.0	35.3	4	Newborn affected by maternal complications of pregnancy . . . . . (P01)	859	4.8	27.4
5	Respiratory distress of newborn . . . . . (P22)	1,110	4.0	28.0	5	Respiratory distress of newborn . . . . . (P22)	704	3.9	22.5
6	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	1,025	3.7	25.9	6	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	633	3.5	20.2
7	Accidents (unintentional injuries) . . . . . (V01–X59)	845	3.0	21.3	7	Accidents (unintentional injuries) . . . . . (V01–X59)	562	3.1	17.9
8	Bacterial sepsis of newborn . . . . . (P36)	691	2.5	17.5	8	Diseases of the circulatory system . . . . . (I00–I99)	452	2.5	14.4
9	Diseases of the circulatory system . . . . . (I00–I99)	667	2.4	16.8	9	Atelectasis . . . . . (P28.0–P28.1)	451	2.5	14.4
10	Atelectasis . . . . . (P28.0–P28.1)	647	2.3	16.3	10	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	429	2.4	13.7
...	All other causes . . . . . (Residual)	9,040	32.4	228.3	...	All other causes . . . . . (Residual)	5,689	31.5	181.6
Infants, all races, male					Infants, white, male				
...	All causes	15,646	100.0	771.9	...	All causes	10,197	100.0	635.1
1	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	2,875	18.4	141.8	1	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	2,240	22.0	139.5
2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	2,455	15.7	121.1	2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	1,317	12.9	82.0
3	Sudden infant death syndrome . . . . . (R95)	1,553	9.9	76.6	3	Sudden infant death syndrome . . . . . (R95)	1,013	9.9	63.1
4	Newborn affected by maternal complications of pregnancy . . . . . (P01)	791	5.1	39.0	4	Newborn affected by maternal complications of pregnancy . . . . . (P01)	489	4.8	30.5
5	Respiratory distress of newborn . . . . . (P22)	655	4.2	32.3	5	Respiratory distress of newborn . . . . . (P22)	405	4.0	25.2
6	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	533	3.4	26.3	6	Accidents (unintentional injuries) . . . . . (V01–X59)	333	3.3	20.7
7	Accidents (unintentional injuries) . . . . . (V01–X59)	494	3.2	24.4	7	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	328	3.2	20.4
8	Bacterial sepsis of newborn . . . . . (P36)	397	2.5	19.6	8	Atelectasis . . . . . (P28.0–P28.1)	286	2.8	17.8
9	Atelectasis . . . . . (P28.0–P28.1)	392	2.5	19.3	9	Diseases of the circulatory system . . . . . (I00–I99)	243	2.4	15.1
10	Diseases of the circulatory system . . . . . (I00–I99)	360	2.3	17.8	10	Bacterial sepsis of newborn . . . . . (P36)	230	2.3	14.3
...	All other causes . . . . . (Residual)	5,141	32.9	253.6	...	All other causes . . . . . (Residual)	3,313	32.5	206.3
Infants, all races, female					Infants, white, female				
...	All causes	12,291	100.0	636.0	...	All causes	7,870	100.0	515.4
1	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	2,598	21.1	134.4	1	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	1,971	25.0	129.1
2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	1,937	15.8	100.2	2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	1,049	13.3	68.7
3	Sudden infant death syndrome . . . . . (R95)	1,095	8.9	56.7	3	Sudden infant death syndrome . . . . . (R95)	698	8.9	45.7
4	Newborn affected by maternal complications of pregnancy . . . . . (P01)	608	4.9	31.5	4	Newborn affected by maternal complications of pregnancy . . . . . (P01)	370	4.7	24.2
5	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	492	4.0	25.5	5	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	305	3.9	20.0
6	Respiratory distress of newborn . . . . . (P22)	455	3.7	23.5	6	Respiratory distress of newborn . . . . . (P22)	299	3.8	19.6
7	Accidents (unintentional injuries) . . . . . (V01–X59)	351	2.9	18.2	7	Accidents (unintentional injuries) . . . . . (V01–X59)	229	2.9	15.0
8	Diseases of the circulatory system . . . . . (I00–I99)	307	2.5	15.9	8	Diseases of the circulatory system . . . . . (I00–I99)	209	2.7	13.7
9	Bacterial sepsis of newborn . . . . . (P36)	294	2.4	15.2	9	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	200	2.5	13.1
10	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	278	2.3	14.4	10	Bacterial sepsis of newborn . . . . . (P36)	187	2.4	12.2
...	All other causes . . . . . (Residual)	3,876	31.5	200.6	...	All other causes . . . . . (Residual)	2,353	29.9	154.1

See footnotes at end of table.

**Table 3. Infant, neonatal, and postneonatal deaths, percent of total deaths, and mortality rates for the 10 leading causes of infant death by race and sex: United States, 1999—Con.**

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days–11 months) deaths per 100,000 live births in specified group. Data for races other than white and black should be interpreted with caution. Deaths based on race of decedent; live births based on race of mother; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, and sex	Number	Percent of total deaths	Mortality rate	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, and sex	Number	Percent of total deaths	Mortality rate
Infants, black, both sexes					Infants, American Indian, both sexes				
...	All causes . . . . .	8,822	100.0	1,455.8	...	All causes . . . . .	343	100.0	853.9
1	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	1,898	21.5	313.2	1	Congenital malformations, deformations and chromosomal abnormalities . . . . (Q00–Q99)	67	19.5	166.8
2	Congenital malformations, deformations and chromosomal abnormalities . . . . (Q00–Q99)	1,025	11.6	169.2	2	Sudden infant death syndrome . . . . . (R95)	48	14.0	119.5
3	Sudden infant death syndrome . . . . . (R95)	839	9.5	138.5	3	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	37	10.8	92.1
4	Newborn affected by maternal complications of pregnancy . . . . . (P01)	496	5.6	81.9	4	Accidents (unintentional injuries) . . . (V01–X59)	13	3.8	*
5	Respiratory distress of newborn . . . . . (P22)	375	4.3	61.9	5	Necrotizing enterocolitis of newborn . . . . (P77)	11	3.2	*
6	Newborn affected by complications of placenta, cord and membranes . . . (P02)	358	4.1	59.1	6	Newborn affected by maternal complications of pregnancy . . . . . (P01)	10	2.9	*
7	Bacterial sepsis of newborn . . . . . (P36)	253	2.9	41.8	6	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	10	2.9	*
8	Accidents (unintentional injuries) . . . (V01–X59)	252	2.9	41.6	6	Respiratory distress of newborn . . . . . (P22)	10	2.9	*
9	Atelectasis . . . . . (P28.0–P28.1)	182	2.1	30.0	9	Influenza and pneumonia . . . . . (J10–J18)	9	2.6	*
10	Diseases of the circulatory system . . . (I00–I99)	181	2.1	29.9	9	Newborn affected by complications of placenta, cord and membranes . . . (P02)	9	2.6	*
...	All other causes . . . . . (Residual)	2,963	33.6	489.0	9	Neonatal hemorrhage . . . . . (P50–P52,P54)	9	2.6	*
Infants, black, male					...	All other causes . . . . . (Residual)	110	32.1	273.8
...	All causes . . . . .	4,897	100.0	1,591.6	Infants, American Indian, male				
1	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	1,068	21.8	347.1	...	All causes . . . . .	180	100.0	883.7
2	Congenital malformations, deformations and chromosomal abnormalities . . . . (Q00–Q99)	531	10.8	172.6	1	Sudden infant death syndrome . . . . . (R95)	29	16.1	142.4
3	Sudden infant death syndrome . . . . . (R95)	477	9.7	155.0	2	Congenital malformations, deformations and chromosomal abnormalities . . . . (Q00–Q99)	28	15.6	137.5
4	Newborn affected by maternal complications of pregnancy . . . . . (P01)	284	5.8	92.3	3	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	19	10.6	*
5	Respiratory distress of newborn . . . . . (P22)	233	4.8	75.7	4	Respiratory distress of newborn . . . . . (P22)	8	4.4	*
6	Newborn affected by complications of placenta, cord and membranes . . . (P02)	187	3.8	60.8	4	Accidents (unintentional injuries) . . . (V01–X59)	8	4.4	*
7	Bacterial sepsis of newborn . . . . . (P36)	156	3.2	50.7	6	Necrotizing enterocolitis of newborn . . . . (P77)	6	3.3	*
8	Accidents (unintentional injuries) . . . (V01–X59)	141	2.9	45.8	7	Diseases of the circulatory system . . . (I00–I99)	5	2.8	*
9	Necrotizing enterocolitis of newborn . . . (P77)	102	2.1	33.2	7	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	5	2.8	*
10	Atelectasis . . . . . (P28.0–P28.1)	99	2.0	32.2	7	Bacterial sepsis of newborn . . . . . (P36)	5	2.8	*
...	All other causes . . . . . (Residual)	1,619	33.1	526.2	10	Influenza and pneumonia . . . . . (J10–J18)	4	2.2	*
Infants, black, female					10	Newborn affected by maternal complications of pregnancy . . . . . (P01)	4	2.2	*
...	All causes . . . . .	3,925	100.0	1,315.8	10	Neonatal hemorrhage . . . . . (P50–P52,P54)	4	2.2	*
1	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	830	21.1	278.2	...	All other causes . . . . . (Residual)	55	30.6	270.0
2	Congenital malformations, deformations and chromosomal abnormalities . . . . (Q00–Q99)	494	12.6	165.6	Infants, American Indian, female				
3	Sudden infant death syndrome . . . . . (R95)	362	9.2	121.4	...	All causes . . . . .	163	100.0	823.2
4	Newborn affected by maternal complications of pregnancy . . . . . (P01)	212	5.4	71.1	1	Congenital malformations, deformations and chromosomal abnormalities . . . . (Q00–Q99)	39	23.9	197.0
5	Newborn affected by complications of placenta, cord and membranes . . . (P02)	171	4.4	57.3	2	Sudden infant death syndrome . . . . . (R95)	19	11.7	*
6	Respiratory distress of newborn . . . . . (P22)	142	3.6	47.6	3	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	18	11.0	*
7	Accidents (unintentional injuries) . . . (V01–X59)	111	2.8	37.2	4	Newborn affected by maternal complications of pregnancy . . . . . (P01)	6	3.7	*
8	Bacterial sepsis of newborn . . . . . (P36)	97	2.5	32.5	4	Newborn affected by complications of placenta, cord and membranes . . . (P02)	6	3.7	*
9	Diseases of the circulatory system . . . (I00–I99)	84	2.1	28.2	6	Influenza and pneumonia . . . . . (J10–J18)	5	3.1	*
10	Atelectasis . . . . . (P28.0–P28.1)	83	2.1	27.8	6	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	5	3.1	*
...	All other causes . . . . . (Residual)	1,339	34.1	448.9	6	Neonatal hemorrhage . . . . . (P50–P52,P54)	5	3.1	*
See footnotes at end of table.					6	Necrotizing enterocolitis of newborn . . . (P77)	5	3.1	*
					6	Accidents (unintentional injuries) . . . (V01–X59)	5	3.1	*
					...	All other causes . . . . . (Residual)	50	30.7	252.5



**Table 3. Infant, neonatal, and postneonatal deaths, percent of total deaths, and mortality rates for the 10 leading causes of infant death by race and sex: United States, 1999—Con.**

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days–11 months) deaths per 100,000 live births in specified group. Data for races other than white and black should be interpreted with caution. Deaths based on race of decedent; live births based on race of mother; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, and sex	Number	Percent of total deaths	Mortality rate	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, and sex	Number	Percent of total deaths	Mortality rate
Infants, Asian or Pacific Islander, both sexes					Neonates, all races, both sexes				
...	All causes	705	100.0	390.0	...	All causes	18,728	100.0	473.0
1	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	170	24.1	94.0	1	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	4,320	23.1	109.1
2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	91	12.9	50.3	2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	3,892	20.8	98.3
3	Sudden infant death syndrome . . . . . (R95)	50	7.1	27.7	3	Newborn affected by maternal complications of pregnancy . . . . . (P01)	1,391	7.4	35.1
4	Newborn affected by maternal complications of pregnancy . . . . . (P01)	34	4.8	18.8	4	Respiratory distress of newborn . . . . . (P22)	1,050	5.6	26.5
5	Diseases of the circulatory system . . . . . (I00–I99)	26	3.7	14.4	5	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	1,010	5.4	25.5
6	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	25	3.5	13.8	6	Bacterial sepsis of newborn . . . . . (P36)	662	3.5	16.7
7	Respiratory distress of newborn . . . . . (P22)	21	3.0	11.6	7	Atelectasis . . . . . (P28.0–P28.1)	638	3.4	16.1
8	Accidents (unintentional injuries) . . . . . (V01–X59)	18	2.6	*	8	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	572	3.1	14.4
9	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	17	2.4	*	9	Neonatal hemorrhage . . . . . (P50–P52,P54)	496	2.6	12.5
10	Neonatal hemorrhage . . . . . (P50–P52,P54)	16	2.3	*	10	Necrotizing enterocolitis of newborn . . . . . (P77)	361	1.9	9.1
...	All other causes . . . . . (Residual)	237	33.6	131.1	...	All other causes . . . . . (Residual)	4,336	23.2	109.5
Infants, Asian or Pacific Islander, male					Neonates, all races, male				
...	All causes	372	100.0	399.1	...	All causes	10,355	100.0	510.9
1	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	76	20.4	81.5	1	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	2,414	23.3	119.1
2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	51	13.7	54.7	2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	2,061	19.9	101.7
3	Sudden infant death syndrome . . . . . (R95)	34	9.1	36.5	3	Newborn affected by maternal complications of pregnancy . . . . . (P01)	784	7.6	38.7
4	Diseases of the circulatory system . . . . . (I00–I99)	15	4.0	*	4	Respiratory distress of newborn . . . . . (P22)	613	5.9	30.2
4	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	15	4.0	*	5	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	524	5.1	25.9
6	Newborn affected by maternal complications of pregnancy . . . . . (P01)	14	3.8	*	6	Atelectasis . . . . . (P28.0–P28.1)	386	3.7	19.0
7	Accidents (unintentional injuries) . . . . . (V01–X59)	12	3.2	*	7	Bacterial sepsis of newborn . . . . . (P36)	378	3.7	18.6
8	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	11	3.0	*	8	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	314	3.0	15.5
8	Neonatal hemorrhage . . . . . (P50–P52,P54)	11	3.0	*	9	Neonatal hemorrhage . . . . . (P50–P52,P54)	303	2.9	14.9
10	Respiratory distress of newborn . . . . . (P22)	9	2.4	*	10	Necrotizing enterocolitis of newborn . . . . . (P77)	213	2.1	10.5
...	All other causes . . . . . (Residual)	124	33.3	133.0	...	All other causes . . . . . (Residual)	2,365	22.8	116.7
Infants, Asian or Pacific Islander, female					Neonates, all races, female				
...	All causes	333	100.0	380.3	...	All causes	8,373	100.0	433.3
1	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	94	28.2	107.3	1	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	1,906	22.8	98.6
2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	40	12.0	45.7	2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	1,831	21.9	94.7
3	Newborn affected by maternal complications of pregnancy . . . . . (P01)	20	6.0	22.8	3	Newborn affected by maternal complications of pregnancy . . . . . (P01)	607	7.2	31.4
4	Sudden infant death syndrome . . . . . (R95)	16	4.8	*	4	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	486	5.8	25.1
5	Respiratory distress of newborn . . . . . (P22)	12	3.6	*	5	Respiratory distress of newborn . . . . . (P22)	437	5.2	22.6
6	Diseases of the circulatory system . . . . . (I00–I99)	11	3.3	*	6	Bacterial sepsis of newborn . . . . . (P36)	284	3.4	14.7
7	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	10	3.0	*	7	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	258	3.1	13.4
8	Bacterial sepsis of newborn . . . . . (P36)	8	2.4	*	8	Atelectasis . . . . . (P28.0–P28.1)	252	3.0	13.0
9	Influenza and pneumonia . . . . . (J10–J18)	6	1.8	*	9	Neonatal hemorrhage . . . . . (P50–P52,P54)	193	2.3	10.0
9	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	6	1.8	*	10	Necrotizing enterocolitis of newborn . . . . . (P77)	148	1.8	7.7
9	Accidents (unintentional injuries) . . . . . (V01–X59)	6	1.8	*	...	All other causes . . . . . (Residual)	1,971	23.5	102.0
...	All other causes . . . . . (Residual)	104	31.2	118.8					

See footnotes at end of table.



**Table 3. Infant, neonatal, and postneonatal deaths, percent of total deaths, and mortality rates for the 10 leading causes of infant death by race and sex: United States, 1999—Con.**

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Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, and sex	Number	Percent of total deaths	Mortality rate	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, and sex	Number	Percent of total deaths	Mortality rate
Neonates, white, both sexes					Neonates, black, both sexes				
...	All causes	12,164	100.0	388.3	...	All causes	5,920	100.0	976.9
1	Congenital malformations, deformations and chromosomal abnormalities . . . . (Q00–Q99)	3,067	25.2	97.9	1	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	1,866	31.5	307.9
2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	2,329	19.1	74.3	2	Congenital malformations, deformations and chromosomal abnormalities . . . . (Q00–Q99)	661	11.2	109.1
3	Newborn affected by maternal complications of pregnancy . . . . . (P01)	856	7.0	27.3	3	Newborn affected by maternal complications of pregnancy . . . . . (P01)	491	8.3	81.0
4	Respiratory distress of newborn . . . . . (P22)	665	5.5	21.2	4	Respiratory distress of newborn . . . . . (P22)	356	6.0	58.7
5	Newborn affected by complications of placenta, cord and membranes . . . . (P02)	626	5.1	20.0	5	Newborn affected by complications of placenta, cord and membranes . . . . (P02)	350	5.9	57.8
6	Atelectasis . . . . . (P28.0–P28.1)	444	3.7	14.2	6	Bacterial sepsis of newborn . . . . . (P36)	239	4.0	39.4
7	Bacterial sepsis of newborn . . . . . (P36)	403	3.3	12.9	7	Atelectasis . . . . . (P28.0–P28.1)	180	3.0	29.7
8	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	401	3.3	12.8	8	Necrotizing enterocolitis of newborn . . . . (P77)	161	2.7	26.6
9	Neonatal hemorrhage . . . . . (P50–P52,P54)	347	2.9	11.1	9	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	146	2.5	24.1
10	Diseases of the circulatory system . . (I00–I99)	189	1.6	6.0	10	Neonatal hemorrhage . . . . . (P50–P52,P54)	125	2.1	20.6
...	All other causes . . . . . (Residual)	2,837	23.3	90.6	...	All other causes . . . . . (Residual)	1,345	22.7	222.0
Neonates, white, male					Neonates, black, male				
...	All causes	6,734	100.0	419.4	...	All causes	3,297	100.0	1,071.6
1	Congenital malformations, deformations and chromosomal abnormalities . . . . (Q00–Q99)	1,634	24.3	101.8	1	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	1,051	31.9	341.6
2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	1,295	19.2	80.7	2	Congenital malformations, deformations and chromosomal abnormalities . . . . (Q00–Q99)	357	10.8	116.0
3	Newborn affected by maternal complications of pregnancy . . . . . (P01)	486	7.2	30.3	3	Newborn affected by maternal complications of pregnancy . . . . . (P01)	280	8.5	91.0
4	Respiratory distress of newborn . . . . . (P22)	377	5.6	23.5	4	Respiratory distress of newborn . . . . . (P22)	221	6.7	71.8
5	Newborn affected by complications of placenta, cord and membranes . . . . (P02)	324	4.8	20.2	5	Newborn affected by complications of placenta, cord and membranes . . . . (P02)	182	5.5	59.2
6	Atelectasis . . . . . (P28.0–P28.1)	281	4.2	17.5	6	Bacterial sepsis of newborn . . . . . (P36)	146	4.4	47.5
7	Bacterial sepsis of newborn . . . . . (P36)	221	3.3	13.8	7	Atelectasis . . . . . (P28.0–P28.1)	98	3.0	31.9
8	Neonatal hemorrhage . . . . . (P50–P52,P54)	216	3.2	13.5	8	Necrotizing enterocolitis of newborn . . . . (P77)	92	2.8	29.9
9	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	214	3.2	13.3	9	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	85	2.6	27.6
10	Necrotizing enterocolitis of newborn . . . . (P77)	114	1.7	7.1	10	Neonatal hemorrhage . . . . . (P50–P52,P54)	73	2.2	23.7
...	All other causes . . . . . (Residual)	1,572	23.3	97.9	...	All other causes . . . . . (Residual)	712	21.6	231.4
Neonates, white, female					Neonates, black, female				
...	All causes	5,430	100.0	355.6	...	All causes	2,623	100.0	879.3
1	Congenital malformations, deformations and chromosomal abnormalities . . . . (Q00–Q99)	1,433	26.4	93.9	1	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	815	31.1	273.2
2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	1,034	19.0	67.7	2	Congenital malformations, deformations and chromosomal abnormalities . . . . (Q00–Q99)	304	11.6	101.9
3	Newborn affected by maternal complications of pregnancy . . . . . (P01)	370	6.8	24.2	3	Newborn affected by maternal complications of pregnancy . . . . . (P01)	211	8.0	70.7
4	Newborn affected by complications of placenta, cord and membranes . . . . (P02)	302	5.6	19.8	4	Newborn affected by complications of placenta, cord and membranes . . . . (P02)	168	6.4	56.3
5	Respiratory distress of newborn . . . . . (P22)	288	5.3	18.9	5	Respiratory distress of newborn . . . . . (P22)	135	5.1	45.3
6	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	187	3.4	12.2	6	Bacterial sepsis of newborn . . . . . (P36)	93	3.5	31.2
7	Bacterial sepsis of newborn . . . . . (P36)	182	3.4	11.9	7	Atelectasis . . . . . (P28.0–P28.1)	82	3.1	27.5
8	Atelectasis . . . . . (P28.0–P28.1)	163	3.0	10.7	8	Necrotizing enterocolitis of newborn . . . . (P77)	69	2.6	23.1
9	Neonatal hemorrhage . . . . . (P50–P52,P54)	131	2.4	8.6	9	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	61	2.3	20.4
10	Diseases of the circulatory system . . (I00–I99)	86	1.6	5.6	10	Neonatal hemorrhage . . . . . (P50–P52,P54)	52	2.0	17.4
...	All other causes . . . . . (Residual)	1,254	23.1	82.1	...	All other causes . . . . . (Residual)	633	24.1	212.2

See footnotes at end of table.

**Table 3. Infant, neonatal, and postneonatal deaths, percent of total deaths, and mortality rates for the 10 leading causes of infant death by race and sex: United States, 1999—Con.**

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days–11 months) deaths per 100,000 live births in specified group. Data for races other than white and black should be interpreted with caution. Deaths based on race of decedent; live births based on race of mother; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, and sex	Number	Percent of total deaths	Mortality rate	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, and sex	Number	Percent of total deaths	Mortality rate
Neonates, American Indian, both sexes					Neonates, Asian or Pacific Islander, both sexes				
...	All causes	190	100.0	473.0	...	All causes	454	100.0	251.1
1	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	47	24.7	117.0	1	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	117	25.8	64.7
2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	37	19.5	92.1	2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	88	19.4	48.7
3	Newborn affected by maternal complications of pregnancy . . . . . (P01)	10	5.3	*	3	Newborn affected by maternal complications of pregnancy . . . . . (P01)	34	7.5	18.8
3	Respiratory distress of newborn . . . . . (P22)	10	5.3	*	4	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	25	5.5	13.8
5	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	9	4.7	*	5	Respiratory distress of newborn . . . . . (P22)	19	4.2	*
5	Neonatal hemorrhage . . . . . (P50–P52,P54)	9	4.7	*	6	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	17	3.7	*
5	Necrotizing enterocolitis of newborn . . . . . (P77)	9	4.7	*	7	Neonatal hemorrhage . . . . . (P50–P52,P54)	15	3.3	*
8	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	8	4.2	*	8	Bacterial sepsis of newborn . . . . . (P36)	14	3.1	*
9	Bacterial sepsis of newborn . . . . . (P36)	6	3.2	*	9	Atelectasis . . . . . (P28.0–P28.1)	10	2.2	*
10	Atelectasis . . . . . (P28.0–P28.1)	4	2.1	*	10	Diseases of the circulatory system . . . . . (I00–I99)	8	1.8	*
...	All other causes . . . . . (Residual)	41	21.6	102.1	...	All other causes . . . . . (Residual)	107	23.6	59.2
Neonates, American Indian, male					Neonates, Asian or Pacific Islander, male				
...	All causes	88	100.0	432.0	...	All causes	236	100.0	253.2
1	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	19	21.6	*	1	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	53	22.5	56.9
2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	17	19.3	*	2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	49	20.8	52.6
3	Respiratory distress of newborn . . . . . (P22)	8	9.1	*	3	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	15	6.4	*
4	Bacterial sepsis of newborn . . . . . (P36)	5	5.7	*	4	Newborn affected by maternal complications of pregnancy . . . . . (P01)	14	5.9	*
4	Necrotizing enterocolitis of newborn . . . . . (P77)	5	5.7	*	5	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	11	4.7	*
6	Newborn affected by maternal complications of pregnancy . . . . . (P01)	4	4.5	*	6	Neonatal hemorrhage . . . . . (P50–P52,P54)	10	4.2	*
6	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	4	4.5	*	7	Respiratory distress of newborn . . . . . (P22)	7	3.0	*
6	Neonatal hemorrhage . . . . . (P50–P52,P54)	4	4.5	*	8	Bacterial sepsis of newborn . . . . . (P36)	6	2.5	*
9	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	3	3.4	*	9	Diseases of the circulatory system . . . . . (I00–I99)	5	2.1	*
10	Newborn affected by other complications of labor and delivery . . . . . (P03)	2	2.3	*	9	Atelectasis . . . . . (P28.0–P28.1)	5	2.1	*
10	Atelectasis . . . . . (P28.0–P28.1)	2	2.3	*	9	Hematological disorders . . . . . (P60–P61)	5	2.1	*
...	All other causes . . . . . (Residual)	15	17.0	*	...	All other causes . . . . . (Residual)	56	23.7	60.1
Neonates, American Indian, female					Neonates, Asian or Pacific Islander, female				
...	All causes	102	100.0	515.2	...	All causes	218	100.0	249.0
1	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	30	29.4	151.5	1	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	64	29.4	73.1
2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	18	17.6	*	2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	39	17.9	44.5
3	Newborn affected by maternal complications of pregnancy . . . . . (P01)	6	5.9	*	3	Newborn affected by maternal complications of pregnancy . . . . . (P01)	20	9.2	22.8
3	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	6	5.9	*	4	Respiratory distress of newborn . . . . . (P22)	12	5.5	*
5	Neonatal hemorrhage . . . . . (P50–P52,P54)	5	4.9	*	5	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	10	4.6	*
6	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	4	3.9	*	6	Bacterial sepsis of newborn . . . . . (P36)	8	3.7	*
6	Necrotizing enterocolitis of newborn . . . . . (P77)	4	3.9	*	7	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	6	2.8	*
8	Diseases of the circulatory system . . . . . (I00–I99)	2	2.0	*	8	Atelectasis . . . . . (P28.0–P28.1)	5	2.3	*
8	Respiratory distress of newborn . . . . . (P22)	2	2.0	*	8	Neonatal hemorrhage . . . . . (P50–P52,P54)	5	2.3	*
8	Neonatal aspiration syndromes . . . . . (P24)	2	2.0	*	10	Diseases of the circulatory system . . . . . (I00–I99)	3	1.4	*
8	Atelectasis . . . . . (P28.0–P28.1)	2	2.0	*	10	Interstitial emphysema and related conditions originating in the perinatal period . . . . . (P25)	3	1.4	*
8	Sudden infant death syndrome . . . . . (R95)	2	2.0	*	10	Necrotizing enterocolitis of newborn . . . . . (P77)	3	1.4	*
...	All other causes . . . . . (Residual)	19	18.6	*	10	Hydrops fetalis not due to hemolytic disease . . . . . (P83.2)	3	1.4	*
					...	All other causes . . . . . (Residual)	37	17.0	42.3

See footnotes at end of table.

**Table 3. Infant, neonatal, and postneonatal deaths, percent of total deaths, and mortality rates for the 10 leading causes of infant death by race and sex: United States, 1999—Con.**

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Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, and sex	Number	Percent of total deaths	Mortality rate	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, and sex	Number	Percent of total deaths	Mortality rate
Postneonates, all races, both sexes					Postneonates, white, both sexes				
...	All causes . . . . .	9,209	100.0	232.6	...	All causes . . . . .	5,903	100.0	188.4
1	Sudden infant death syndrome . . . . . (R95)	2,440	26.5	61.6	1	Sudden infant death syndrome . . . . . (R95)	1,566	26.5	50.0
2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	1,581	17.2	39.9	2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	1,144	19.4	36.5
3	Accidents (unintentional injuries) . . . . . (V01–X59)	743	8.1	18.8	3	Accidents (unintentional injuries) . . . . . (V01–X59)	479	8.1	15.3
4	Diseases of the circulatory system . . . . . (I00–I99)	399	4.3	10.1	4	Diseases of the circulatory system . . . . . (I00–I99)	263	4.5	8.4
5	Influenza and pneumonia . . . . . (J10–J18)	288	3.1	7.3	5	Influenza and pneumonia . . . . . (J10–J18)	167	2.8	5.3
6	Septicemia . . . . . (A40–A41)	283	3.1	7.1	6	Septicemia . . . . . (A40–A41)	164	2.8	5.2
7	Chronic respiratory disease originating in the perinatal period . . . . . (P27)	272	3.0	6.9	6	Assault (homicide) . . . . . (X85–Y09)	164	2.8	5.2
7	Assault (homicide) . . . . . (X85–Y09)	272	3.0	6.9	8	Chronic respiratory disease originating in the perinatal period . . . . . (P27)	157	2.7	5.0
9	Gastritis, duodenitis, and noninfective enteritis and colitis . . . . . (K29,K50–K55)	224	2.4	5.7	9	Gastritis, duodenitis, and noninfective enteritis and colitis . . . . . (K29,K50–K55)	127	2.2	4.1
10	Meningitis . . . . . (G00,G03)	88	1.0	2.2	10	Meningitis . . . . . (G00,G03)	52	0.9	1.7
...	All other causes . . . . . (Residual)	2,619	28.4	66.1	...	All other causes . . . . . (Residual)	1,620	27.4	51.7
Postneonates, all races, male					Postneonates, white, male				
...	All causes . . . . .	5,291	100.0	261.0	...	All causes . . . . .	3,463	100.0	215.7
1	Sudden infant death syndrome . . . . . (R95)	1,441	27.2	71.1	1	Sudden infant death syndrome . . . . . (R95)	931	26.9	58.0
2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	814	15.4	40.2	2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	606	17.5	37.7
3	Accidents (unintentional injuries) . . . . . (V01–X59)	436	8.2	21.5	3	Accidents (unintentional injuries) . . . . . (V01–X59)	287	8.3	17.9
4	Diseases of the circulatory system . . . . . (I00–I99)	213	4.0	10.5	4	Diseases of the circulatory system . . . . . (I00–I99)	140	4.0	8.7
5	Septicemia . . . . . (A40–A41)	175	3.3	8.6	5	Septicemia . . . . . (A40–A41)	106	3.1	6.6
6	Chronic respiratory disease originating in the perinatal period . . . . . (P27)	167	3.2	8.2	6	Assault (homicide) . . . . . (X85–Y09)	101	2.9	6.3
7	Assault (homicide) . . . . . (X85–Y09)	156	2.9	7.7	7	Chronic respiratory disease originating in the perinatal period . . . . . (P27)	100	2.9	6.2
8	Influenza and pneumonia . . . . . (J10–J18)	155	2.9	7.6	8	Influenza and pneumonia . . . . . (J10–J18)	93	2.7	5.8
9	Gastritis, duodenitis, and noninfective enteritis and colitis . . . . . (K29,K50–K55)	143	2.7	7.1	9	Gastritis, duodenitis, and noninfective enteritis and colitis . . . . . (K29,K50–K55)	84	2.4	5.2
10	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism . . . . . (D50–D89)	47	0.9	2.3	10	Meningitis . . . . . (G00,G03)	37	1.1	2.3
10	Meningitis . . . . . (G00,G03)	47	0.9	2.3	...	All other causes . . . . . (Residual)	978	28.2	60.9
...	All other causes . . . . . (Residual)	1,497	28.3	73.9	Postneonates, white, female				
Postneonates, all races, female					...	All causes . . . . .	2,440	100.0	159.8
...	All causes . . . . .	3,918	100.0	202.7	1	Sudden infant death syndrome . . . . . (R95)	635	26.0	41.6
1	Sudden infant death syndrome . . . . . (R95)	999	25.5	51.7	2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	538	22.0	35.2
2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	767	19.6	39.7	3	Accidents (unintentional injuries) . . . . . (V01–X59)	192	7.9	12.6
3	Accidents (unintentional injuries) . . . . . (V01–X59)	307	7.8	15.9	4	Diseases of the circulatory system . . . . . (I00–I99)	123	5.0	8.1
4	Diseases of the circulatory system . . . . . (I00–I99)	186	4.7	9.6	5	Influenza and pneumonia . . . . . (J10–J18)	74	3.0	4.8
5	Influenza and pneumonia . . . . . (J10–J18)	133	3.4	6.9	6	Assault (homicide) . . . . . (X85–Y09)	63	2.6	4.1
6	Assault (homicide) . . . . . (X85–Y09)	116	3.0	6.0	7	Septicemia . . . . . (A40–A41)	58	2.4	3.8
7	Septicemia . . . . . (A40–A41)	108	2.8	5.6	8	Chronic respiratory disease originating in the perinatal period . . . . . (P27)	57	2.3	3.7
8	Chronic respiratory disease originating in the perinatal period . . . . . (P27)	105	2.7	5.4	9	Gastritis, duodenitis, and noninfective enteritis and colitis . . . . . (K29,K50–K55)	43	1.8	2.8
9	Gastritis, duodenitis, and noninfective enteritis and colitis . . . . . (K29,K50–K55)	81	2.1	4.2	10	Malignant neoplasms . . . . . (C00–C97)	18	0.7	*
10	Meningitis . . . . . (G00,G03)	41	1.0	2.1	...	All other causes . . . . . (Residual)	639	26.2	41.8
...	All other causes . . . . . (Residual)	1,075	27.4	55.6					

See footnotes at end of table.

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Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, and sex	Number	Percent of total deaths	Mortality rate	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, and sex	Number	Percent of total deaths	Mortality rate
Postneonates, black, both sexes					Postneonates, American Indian, both sexes				
...	All causes	2,902	100.0	478.9	...	All causes	153	100.0	380.9
1	Sudden infant death syndrome (R95)	782	26.9	129.0	1	Sudden infant death syndrome (R95)	46	30.1	114.5
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	364	12.5	60.1	2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	20	13.1	49.8
3	Accidents (unintentional injuries) (V01–X59)	234	8.1	38.6	3	Accidents (unintentional injuries) (V01–X59)	12	7.8	*
4	Diseases of the circulatory system (I00–I99)	113	3.9	18.6	4	Influenza and pneumonia (J10–J18)	8	5.2	*
5	Chronic respiratory disease originating in the perinatal period (P27)	108	3.7	17.8	5	Diseases of the circulatory system (I00–I99)	5	3.3	*
6	Septicemia (A40–A41)	107	3.7	17.7	5	Assault (homicide) (X85–Y09)	5	3.3	*
7	Influenza and pneumonia (J10–J18)	104	3.6	17.2	7	Septicemia (A40–A41)	3	2.0	*
8	Assault (homicide) (X85–Y09)	97	3.3	16.0	7	Gastritis, duodenitis, and noninfective enteritis and colitis (K29, K50–K55)	3	2.0	*
9	Gastritis, duodenitis, and noninfective enteritis and colitis (K29, K50–K55)	88	3.0	14.5	7	Chronic respiratory disease originating in the perinatal period (P27)	3	2.0	*
10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	32	1.1	5.3	10	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50–D89)	2	1.3	*
...	All other causes (Residual)	873	30.1	144.1	10	Volume depletion, disorders of fluid, electrolyte and acid–base balance (E86–E87)	2	1.3	*
Postneonates, black, male					10	Meningitis (G00, G03)	2	1.3	*
...	All causes	1,600	100.0	520.0	10	Intrauterine hypoxia and birth asphyxia (P20–P21)	2	1.3	*
1	Sudden infant death syndrome (R95)	450	28.1	146.3	10	Necrotizing enterocolitis of newborn (P77)	2	1.3	*
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	174	10.9	56.6	...	All other causes (Residual)	38	24.8	94.6
3	Accidents (unintentional injuries) (V01–X59)	130	8.1	42.3	Postneonates, American Indian, male				
4	Chronic respiratory disease originating in the perinatal period (P27)	63	3.9	20.5	...	All causes	92	100.0	451.6
5	Septicemia (A40–A41)	61	3.8	19.8	1	Sudden infant death syndrome (R95)	29	31.5	142.4
6	Diseases of the circulatory system (I00–I99)	59	3.7	19.2	2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	11	12.0	*
7	Influenza and pneumonia (J10–J18)	53	3.3	17.2	3	Accidents (unintentional injuries) (V01–X59)	7	7.6	*
8	Gastritis, duodenitis, and noninfective enteritis and colitis (K29, K50–K55)	50	3.1	16.3	4	Diseases of the circulatory system (I00–I99)	4	4.3	*
8	Assault (homicide) (X85–Y09)	50	3.1	16.3	4	Influenza and pneumonia (J10–J18)	4	4.3	*
10	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50–D89)	18	1.1	*	6	Septicemia (A40–A41)	3	3.3	*
...	All other causes (Residual)	492	30.8	159.9	6	Gastritis, duodenitis, and noninfective enteritis and colitis (K29, K50–K55)	3	3.3	*
Postneonates, black, female					6	Assault (homicide) (X85–Y09)	3	3.3	*
...	All causes	1,302	100.0	436.5	9	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50–D89)	2	2.2	*
1	Sudden infant death syndrome (R95)	332	25.5	111.3	9	Chronic respiratory disease originating in the perinatal period (P27)	2	2.2	*
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	190	14.6	63.7	...	All other causes (Residual)	24	26.1	117.8
3	Accidents (unintentional injuries) (V01–X59)	104	8.0	34.9	Postneonates, American Indian, female				
4	Diseases of the circulatory system (I00–I99)	54	4.1	18.1	...	All causes	61	100.0	308.1
5	Influenza and pneumonia (J10–J18)	51	3.9	17.1	1	Sudden infant death syndrome (R95)	17	27.9	*
6	Assault (homicide) (X85–Y09)	47	3.6	15.8	2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	9	14.8	*
7	Septicemia (A40–A41)	46	3.5	15.4	3	Accidents (unintentional injuries) (V01–X59)	5	8.2	*
8	Chronic respiratory disease originating in the perinatal period (P27)	45	3.5	15.1	4	Influenza and pneumonia (J10–J18)	4	6.6	*
9	Gastritis, duodenitis, and noninfective enteritis and colitis (K29, K50–K55)	38	2.9	12.7	5	Assault (homicide) (X85–Y09)	2	3.3	*
10	Meningitis (G00, G03)	23	1.8	7.7	6	Malignant neoplasms (C00–C97)	1	1.6	*
...	All other causes (Residual)	372	28.6	124.7	6	Volume depletion, disorders of fluid, electrolyte and acid–base balance (E86–E87)	1	1.6	*
See footnotes at end of table.					6	Meningitis (G00, G03)	1	1.6	*
					6	Diseases of the circulatory system (I00–I99)	1	1.6	*
					6	Bronchitis, chronic and unspecified (J40–J42)	1	1.6	*
					6	Hernia of abdominal cavity and intestinal obstruction without hernia (K40–K46, K56)	1	1.6	*
					6	Intrauterine hypoxia and birth asphyxia (P20–P21)	1	1.6	*
					6	Chronic respiratory disease originating in the perinatal period (P27)	1	1.6	*
					6	Bacterial sepsis of newborn (P36)	1	1.6	*
					6	Necrotizing enterocolitis of newborn (P77)	1	1.6	*
					...	All other causes (Residual)	14	23.0	*

**Table 3. Infant, neonatal, and postneonatal deaths, percent of total deaths, and mortality rates for the 10 leading causes of infant death by race and sex: United States, 1999—Con.**

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days–11 months) deaths per 100,000 live births in specified group. Data for races other than white and black should be interpreted with caution. Deaths based on race of decedent; live births based on race of mother; see Technical notes]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, and sex	Number	Percent of total deaths	Mortality rate	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), race, and sex	Number	Percent of total deaths	Mortality rate
Postneonates, Asian or Pacific Islander, both sexes					Postneonates, Asian or Pacific Islander, female				
...	All causes . . . . .	251	100.0	138.8	...	All causes . . . . .	115	100.0	131.3
1	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	53	21.1	29.3	1	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	30	26.1	34.3
2	Sudden infant death syndrome . . . . . (R95)	46	18.3	25.4	2	Sudden infant death syndrome . . . . . (R95)	15	13.0	*
3	Diseases of the circulatory system . . . . . (I00–I99)	18	7.2	*	3	Diseases of the circulatory system . . . . . (I00–I99)	8	7.0	*
3	Accidents (unintentional injuries) . . . . . (V01–X59)	18	7.2	*	4	Accidents (unintentional injuries) . . . . . (V01–X59)	6	5.2	*
5	Septicemia . . . . . (A40–A41)	9	3.6	*	5	Septicemia . . . . . (A40–A41)	4	3.5	*
5	Influenza and pneumonia . . . . . (J10–J18)	9	3.6	*	5	Influenza and pneumonia . . . . . (J10–J18)	4	3.5	*
7	Gastritis, duodenitis, and noninfective enteritis and colitis . . . . . (K29,K50–K55)	6	2.4	*	8	Anoxic brain damage, not elsewhere classified . . . . . (G93.1)	3	2.6	*
7	Assault (homicide) . . . . . (X85–Y09)	6	2.4	*	9	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism . . . . . (D50–D89)	2	1.7	*
9	Anoxic brain damage, not elsewhere classified . . . . . (G93.1)	4	1.6	*	9	Meningitis . . . . . (G00,G03)	2	1.7	*
9	Chronic respiratory disease originating in the perinatal period . . . . . (P27)	4	1.6	*	9	Renal failure and other disorders of kidney . . . . . (N17–N19,N25,N27)	2	1.7	*
...	All other causes . . . . . (Residual)	78	31.1	43.1	9	Chronic respiratory disease originating in the perinatal period . . . . . (P27)	2	1.7	*
Postneonates, Asian or Pacific Islander, male					...	All other causes . . . . . (Residual)	33	28.7	37.7
...	All causes . . . . .	136	100.0	145.9					
1	Sudden infant death syndrome . . . . . (R95)	31	22.8	33.3					
2	Congenital malformations, deformations and chromosomal abnormalities . . . . . (Q00–Q99)	23	16.9	24.7					
3	Accidents (unintentional injuries) . . . . . (V01–X59)	12	8.8	*					
4	Diseases of the circulatory system . . . . . (I00–I99)	10	7.4	*					
5	Gastritis, duodenitis, and noninfective enteritis and colitis . . . . . (K29,K50–K55)	6	4.4	*					
6	Septicemia . . . . . (A40–A41)	5	3.7	*					
6	Influenza and pneumonia . . . . . (J10–J18)	5	3.7	*					
8	Malignant neoplasms . . . . . (C00–C97)	2	1.5	*					
8	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	2	1.5	*					
8	Respiratory distress of newborn . . . . . (P22)	2	1.5	*					
8	Chronic respiratory disease originating in the perinatal period . . . . . (P27)	2	1.5	*					
8	Assault (homicide) . . . . . (X85–Y09)	2	1.5	*					
...	All other causes . . . . . (Residual)	34	25.0	36.5					

... Category not applicable.

\* Figure does not meet standards of reliability or precision; see Technical notes.

<sup>1</sup>Rank based on number of deaths.



**Table 4. Infant, neonatal, and postneonatal deaths, percent of total deaths, and mortality rates for the 10 leading causes of infant death by Hispanic origin, races for non-Hispanic population, and sex: United States, 1999**

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days–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]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, and sex	Number	Percent of total deaths	Mortality rate	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, and sex	Number	Percent of total deaths	Mortality rate
Infants, Hispanic, both sexes					Infants, white, non-Hispanic, both sexes				
...	All causes . . . . .	4,412	100.0	577.2	...	All causes . . . . .	13,553	100.0	577.6
1	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	1,072	24.3	140.3	1	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	3,127	23.1	133.3
2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	642	14.6	84.0	2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	1,692	12.5	72.1
3	Sudden infant death syndrome . . . . . (R95)	312	7.1	40.8	3	Sudden infant death syndrome . . . . . (R95)	1,403	10.4	59.8
4	Respiratory distress of newborn. . . . . (P22)	177	4.0	23.2	4	Newborn affected by maternal complications of pregnancy. . . . . (P01)	686	5.1	29.2
5	Newborn affected by maternal complications of pregnancy. . . . . (P01)	171	3.9	22.4	5	Respiratory distress of newborn. . . . . (P22)	514	3.8	21.9
6	Accidents (unintentional injuries) . . . . . (V01–X59)	134	3.0	17.5	6	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	490	3.6	20.9
7	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	127	2.9	16.6	7	Accidents (unintentional injuries) . . . . . (V01–X59)	435	3.2	18.5
8	Diseases of the circulatory system . . . . . (I00–I99)	117	2.7	15.3	8	Diseases of the circulatory system . . . . . (I00–I99)	341	2.5	14.5
9	Atelectasis . . . . . (P28.0–P28.1)	107	2.4	14.0	9	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	339	2.5	14.4
10	Bacterial sepsis of newborn . . . . . (P36)	101	2.3	13.2	10	Atelectasis . . . . . (P28.0–P28.1)	335	2.5	14.3
...	All other causes . . . . . (Residual)	1,452	32.9	190.0	...	All other causes . . . . . (Residual)	4,191	30.9	178.6
Infants, Hispanic, male					Infants, white, non-Hispanic, male				
...	All causes . . . . .	2,411	100.0	618.4	...	All causes . . . . .	7,718	100.0	640.8
1	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	534	22.1	137.0	1	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	1,693	21.9	140.6
2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	360	14.9	92.3	2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	939	12.2	78.0
3	Sudden infant death syndrome . . . . . (R95)	177	7.3	45.4	3	Sudden infant death syndrome . . . . . (R95)	837	10.8	69.5
4	Respiratory distress of newborn. . . . . (P22)	102	4.2	26.2	4	Newborn affected by maternal complications of pregnancy. . . . . (P01)	390	5.1	32.4
5	Newborn affected by maternal complications of pregnancy. . . . . (P01)	96	4.0	24.6	5	Respiratory distress of newborn. . . . . (P22)	297	3.8	24.7
6	Accidents (unintentional injuries) . . . . . (V01–X59)	80	3.3	20.5	6	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	264	3.4	21.9
7	Atelectasis . . . . . (P28.0–P28.1)	62	2.6	15.9	7	Accidents (unintentional injuries) . . . . . (V01–X59)	258	3.3	21.4
7	Bacterial sepsis of newborn . . . . . (P36)	62	2.6	15.9	8	Atelectasis . . . . . (P28.0–P28.1)	218	2.8	18.1
9	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	57	2.4	14.6	9	Diseases of the circulatory system . . . . . (I00–I99)	198	2.6	16.4
10	Diseases of the circulatory system . . . . . (I00–I99)	49	2.0	12.6	10	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	184	2.4	15.3
10	Neonatal hemorrhage. . . . . (P50–P52, P54)	49	2.0	12.6	...	All other causes . . . . . (Residual)	2,440	31.6	202.6
...	All other causes . . . . . (Residual)	783	32.5	200.8	Infants, white, non-Hispanic, female				
Infants, Hispanic, female					...	All causes . . . . .	5,835	100.0	511.0
...	All causes . . . . .	2,001	100.0	534.4	1	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	1,434	24.6	125.6
1	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	538	26.9	143.7	2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	753	12.9	65.9
2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	282	14.1	75.3	3	Sudden infant death syndrome . . . . . (R95)	566	9.7	49.6
3	Sudden infant death syndrome . . . . . (R95)	135	6.7	36.1	4	Newborn affected by maternal complications of pregnancy. . . . . (P01)	296	5.1	25.9
4	Newborn affected by maternal complications of pregnancy. . . . . (P01)	75	3.7	20.0	5	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	226	3.9	19.8
4	Respiratory distress of newborn. . . . . (P22)	75	3.7	20.0	6	Respiratory distress of newborn. . . . . (P22)	217	3.7	19.0
6	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	70	3.5	18.7	7	Accidents (unintentional injuries) . . . . . (V01–X59)	177	3.0	15.5
7	Diseases of the circulatory system . . . . . (I00–I99)	68	3.4	18.2	8	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	155	2.7	13.6
8	Accidents (unintentional injuries) . . . . . (V01–X59)	54	2.7	14.4	9	Bacterial sepsis of newborn . . . . . (P36)	144	2.5	12.6
9	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	45	2.2	12.0	10	Diseases of the circulatory system . . . . . (I00–I99)	143	2.5	12.5
9	Atelectasis . . . . . (P28.0–P28.1)	45	2.2	12.0	...	All other causes . . . . . (Residual)	1,724	29.5	151.0
...	All other causes . . . . . (Residual)	614	30.7	164.0					

See footnotes at end of table.

**Table 4. Infant, neonatal, and postneonatal deaths, percent of total deaths, and mortality rates for the 10 leading causes of infant death by Hispanic origin, races for non-Hispanic population, and sex: United States, 1999—Con.**

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days–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]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, and sex	Number	Percent of total deaths	Mortality rate	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, and sex	Number	Percent of total deaths	Mortality rate
Infants, black, non-Hispanic, both sexes					Neonates, Hispanic, both sexes				
...	All causes . . . . .	8,589	100.0	1,458.3	...	All causes . . . . .	2,986	100.0	390.7
1	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	1,836	21.4	311.7	1	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	760	25.5	99.4
2	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	994	11.6	168.8	2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	631	21.1	82.6
3	Sudden infant death syndrome . . . . . (R95)	827	9.6	140.4	3	Newborn affected by maternal complications of pregnancy. . . . . (P01)	169	5.7	22.1
4	Newborn affected by maternal complications of pregnancy. . . . . (P01)	486	5.7	82.5	4	Respiratory distress of newborn. . . . . (P22)	164	5.5	21.5
5	Respiratory distress of newborn. . . . . (P22)	362	4.2	61.5	5	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	127	4.3	16.6
6	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	349	4.1	59.3	6	Atelectasis . . . . . (P28.0–P28.1)	107	3.6	14.0
7	Accidents (unintentional injuries) . . . . . (V01–X59)	251	2.9	42.6	7	Bacterial sepsis of newborn . . . . . (P36)	98	3.3	12.8
8	Bacterial sepsis of newborn . . . . . (P36)	249	2.9	42.3	8	Neonatal hemorrhage. . . . . (P50–P52,P54)	91	3.0	11.9
9	Atelectasis . . . . . (P28.0–P28.1)	179	2.1	30.4	9	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	79	2.6	10.3
10	Diseases of the circulatory system . . . . . (I00–I99)	175	2.0	29.7	10	Necrotizing enterocolitis of newborn . . . . . (P77)	58	1.9	7.6
...	All other causes . . . . . (Residual)	2,881	33.5	489.1	...	All other causes . . . . . (Residual)	702	23.5	91.8
Infants, black, non-Hispanic, male					Neonates, Hispanic, male				
...	All causes . . . . .	4,765	100.0	1,593.2	...	All causes . . . . .	1,619	100.0	415.3
1	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	1,033	21.7	345.4	1	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	381	23.5	97.7
2	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	518	10.9	173.2	2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	353	21.8	90.5
3	Sudden infant death syndrome . . . . . (R95)	470	9.9	157.1	3	Newborn affected by maternal complications of pregnancy. . . . . (P01)	94	5.8	24.1
4	Newborn affected by maternal complications of pregnancy. . . . . (P01)	278	5.8	92.9	4	Respiratory distress of newborn. . . . . (P22)	93	5.7	23.9
5	Respiratory distress of newborn. . . . . (P22)	225	4.7	75.2	5	Atelectasis . . . . . (P28.0–P28.1)	62	3.8	15.9
6	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	180	3.8	60.2	6	Bacterial sepsis of newborn . . . . . (P36)	60	3.7	15.4
7	Bacterial sepsis of newborn . . . . . (P36)	152	3.2	50.8	7	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	57	3.5	14.6
8	Accidents (unintentional injuries) . . . . . (V01–X59)	140	2.9	46.8	8	Neonatal hemorrhage. . . . . (P50–P52,P54)	48	3.0	12.3
9	Necrotizing enterocolitis of newborn . . . . . (P77)	98	2.1	32.8	9	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	39	2.4	10.0
10	Atelectasis . . . . . (P28.0–P28.1)	97	2.0	32.4	10	Pulmonary hemorrhage originating in the perinatal period. . . . . (P26)	33	2.0	8.5
...	All other causes . . . . . (Residual)	1,574	33.0	526.3	...	All other causes . . . . . (Residual)	399	24.6	102.3
Infants, black, non-Hispanic, female					Neonates, Hispanic, female				
...	All causes . . . . .	3,824	100.0	1,319.1	...	All causes . . . . .	1,367	100.0	365.1
1	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	803	21.0	277.0	1	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	379	27.7	101.2
2	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	476	12.4	164.2	2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	278	20.3	74.2
3	Sudden infant death syndrome . . . . . (R95)	357	9.3	123.1	3	Newborn affected by maternal complications of pregnancy. . . . . (P01)	75	5.5	20.0
4	Newborn affected by maternal complications of pregnancy. . . . . (P01)	208	5.4	71.8	4	Respiratory distress of newborn. . . . . (P22)	71	5.2	19.0
5	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	169	4.4	58.3	5	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	70	5.1	18.7
6	Respiratory distress of newborn. . . . . (P22)	137	3.6	47.3	6	Atelectasis . . . . . (P28.0–P28.1)	45	3.3	12.0
7	Accidents (unintentional injuries) . . . . . (V01–X59)	111	2.9	38.3	7	Neonatal hemorrhage. . . . . (P50–P52,P54)	43	3.1	11.5
8	Bacterial sepsis of newborn . . . . . (P36)	97	2.5	33.5	8	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	40	2.9	10.7
9	Atelectasis . . . . . (P28.0–P28.1)	82	2.1	28.3	9	Bacterial sepsis of newborn . . . . . (P36)	38	2.8	10.1
10	Diseases of the circulatory system . . . . . (I00–I99)	81	2.1	27.9	10	Necrotizing enterocolitis of newborn . . . . . (P77)	28	2.0	7.5
...	All other causes . . . . . (Residual)	1,303	34.1	449.5	...	All other causes . . . . . (Residual)	300	21.9	80.1

See footnotes at end of table.

**Table 4. Infant, neonatal, and postneonatal deaths, percent of total deaths, and mortality rates for the 10 leading causes of infant death by Hispanic origin, races for non-Hispanic population, and sex: United States, 1999—Con.**

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days–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]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, and sex	Number	Percent of total deaths	Mortality rate	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, and sex	Number	Percent of total deaths	Mortality rate
Neonates, white, non-Hispanic, both sexes					Neonates, black, non-Hispanic, both sexes				
...	All causes . . . . .	9,054	100.0	385.9	...	All causes . . . . .	5,739	100.0	974.4
1	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	2,296	25.4	97.8	1	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	1,804	31.4	306.3
2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	1,666	18.4	71.0	2	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	640	11.2	108.7
3	Newborn affected by maternal complications of pregnancy. . . . . (P01)	685	7.6	29.2	3	Newborn affected by maternal complications of pregnancy. . . . . (P01)	481	8.4	81.7
4	Respiratory distress of newborn. . . . . (P22)	488	5.4	20.8	4	Respiratory distress of newborn. . . . . (P22)	343	6.0	58.2
5	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	484	5.3	20.6	5	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	341	5.9	57.9
6	Atelectasis . . . . . (P28.0–P28.1)	329	3.6	14.0	6	Bacterial sepsis of newborn . . . . . (P36)	235	4.1	39.9
7	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	323	3.6	13.8	7	Atelectasis . . . . . (P28.0–P28.1)	177	3.1	30.1
8	Bacterial sepsis of newborn . . . . . (P36)	299	3.3	12.7	8	Necrotizing enterocolitis of newborn . . . . . (P77)	155	2.7	26.3
9	Neonatal hemorrhage. . . . . (P50–P52,P54)	256	2.8	10.9	9	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	141	2.5	23.9
10	Diseases of the circulatory system . . . . . (I00–I99)	146	1.6	6.2	10	Neonatal hemorrhage. . . . . (P50–P52,P54)	121	2.1	20.5
...	All other causes . . . . . (Residual)	2,082	23.0	88.7	...	All other causes . . . . . (Residual)	1,301	22.7	220.9
Neonates, white, non-Hispanic, male					Neonates, black, non-Hispanic, male				
...	All causes . . . . .	5,036	100.0	418.1	...	All causes . . . . .	3,193	100.0	1,067.6
1	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	1,239	24.6	102.9	1	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	1,016	31.8	339.7
2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	924	18.3	76.7	2	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	348	10.9	116.4
3	Newborn affected by maternal complications of pregnancy. . . . . (P01)	389	7.7	32.3	3	Newborn affected by maternal complications of pregnancy. . . . . (P01)	274	8.6	91.6
4	Respiratory distress of newborn. . . . . (P22)	278	5.5	23.1	4	Respiratory distress of newborn. . . . . (P22)	213	6.7	71.2
5	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	261	5.2	21.7	5	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	175	5.5	58.5
6	Atelectasis . . . . . (P28.0–P28.1)	214	4.2	17.8	6	Bacterial sepsis of newborn . . . . . (P36)	142	4.4	47.5
7	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	174	3.5	14.4	7	Atelectasis . . . . . (P28.0–P28.1)	96	3.0	32.1
8	Neonatal hemorrhage. . . . . (P50–P52,P54)	166	3.3	13.8	8	Necrotizing enterocolitis of newborn . . . . . (P77)	88	2.8	29.4
9	Bacterial sepsis of newborn . . . . . (P36)	159	3.2	13.2	9	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	83	2.6	27.8
10	Necrotizing enterocolitis of newborn . . . . . (P77)	85	1.7	7.1	10	Neonatal hemorrhage. . . . . (P50–P52,P54)	73	2.3	24.4
...	All other causes . . . . . (Residual)	1,147	22.8	95.2	...	All other causes . . . . . (Residual)	685	21.5	229.0
Neonates, white, non-Hispanic, female					Neonates, black, non-Hispanic, female				
...	All causes . . . . .	4,018	100.0	351.9	...	All causes . . . . .	2,546	100.0	878.3
1	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	1,057	26.3	92.6	1	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	788	31.0	271.8
2	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	742	18.5	65.0	2	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	292	11.5	100.7
3	Newborn affected by maternal complications of pregnancy. . . . . (P01)	296	7.4	25.9	3	Newborn affected by maternal complications of pregnancy. . . . . (P01)	207	8.1	71.4
4	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	223	5.6	19.5	4	Newborn affected by complications of placenta, cord and membranes . . . . . (P02)	166	6.5	57.3
5	Respiratory distress of newborn. . . . . (P22)	210	5.2	18.4	5	Respiratory distress of newborn. . . . . (P22)	130	5.1	44.8
6	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	149	3.7	13.0	6	Bacterial sepsis of newborn . . . . . (P36)	93	3.7	32.1
7	Bacterial sepsis of newborn . . . . . (P36)	140	3.5	12.3	7	Atelectasis . . . . . (P28.0–P28.1)	81	3.2	27.9
8	Atelectasis . . . . . (P28.0–P28.1)	115	2.9	10.1	8	Necrotizing enterocolitis of newborn . . . . . (P77)	67	2.6	23.1
9	Neonatal hemorrhage. . . . . (P50–P52,P54)	90	2.2	7.9	9	Intrauterine hypoxia and birth asphyxia . . . . . (P20–P21)	58	2.3	20.0
10	Diseases of the circulatory system . . . . . (I00–I99)	65	1.6	5.7	10	Neonatal hemorrhage. . . . . (P50–P52,P54)	48	1.9	16.6
...	All other causes . . . . . (Residual)	931	23.2	81.5	...	All other causes . . . . . (Residual)	616	24.2	212.5

See footnotes at end of table.

**Table 4. Infant, neonatal, and postneonatal deaths, percent of total deaths, and mortality rates for the 10 leading causes of infant death by Hispanic origin, races for non-Hispanic population, and sex: United States, 1999—Con.**

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days–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]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, and sex	Number	Percent of total deaths	Mortality rate	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, and sex	Number	Percent of total deaths	Mortality rate
Postneonates, Hispanic, both sexes					Postneonates, white, non-Hispanic, both sexes				
...	All causes . . . . .	1,426	100.0	186.6	...	All causes . . . . .	4,499	100.0	191.7
1	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	312	21.9	40.8	1	Sudden infant death syndrome . . . . . (R95)	1,285	28.6	54.8
2	Sudden infant death syndrome . . . . . (R95)	286	20.1	37.4	2	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	831	18.5	35.4
3	Accidents (unintentional injuries) . . . . . (V01–X59)	116	8.1	15.2	3	Accidents (unintentional injuries) . . . . . (V01–X59)	371	8.2	15.8
4	Diseases of the circulatory system . . . . . (I00–I99)	72	5.0	9.4	4	Diseases of the circulatory system . . . . . (I00–I99)	195	4.3	8.3
5	Influenza and pneumonia . . . . . (J10–J18)	57	4.0	7.5	5	Chronic respiratory disease originating in the perinatal period. . . . . (P27)	128	2.8	5.5
6	Gastritis, duodenitis, and noninfective enteritis and colitis. . . . . (K29,K50–K55)	50	3.5	6.5	6	Septicemia . . . . . (A40–A41)	121	2.7	5.2
7	Assault (homicide). . . . . (X85–Y09)	46	3.2	6.0	7	Assault (homicide). . . . . (X85–Y09)	119	2.6	5.1
8	Septicemia . . . . . (A40–A41)	43	3.0	5.6	8	Influenza and pneumonia . . . . . (J10–J18)	111	2.5	4.7
9	Chronic respiratory disease originating in the perinatal period. . . . . (P27)	28	2.0	3.7	9	Gastritis, duodenitis, and noninfective enteritis and colitis. . . . . (K29,K50–K55)	77	1.7	3.3
10	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism . . . . . (D50–D89)	16	1.1	*	10	Meningitis. . . . . (G00,G03)	37	0.8	1.6
...	All other causes . . . . . (Residual)	400	28.1	52.3	...	Renal failure and other disorders of kidney . . . . . (N17–N19,N25,N27)	37	0.8	1.6
Postneonates, Hispanic, male					Postneonates, white, non-Hispanic, male				
...	All causes . . . . .	792	100.0	203.1	...	All causes . . . . .	2,682	100.0	222.7
1	Sudden infant death syndrome . . . . . (R95)	161	20.3	41.3	1	Sudden infant death syndrome . . . . . (R95)	771	28.7	64.0
2	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	153	19.3	39.2	2	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	454	16.9	37.7
3	Accidents (unintentional injuries) . . . . . (V01–X59)	71	9.0	18.2	3	Accidents (unintentional injuries) . . . . . (V01–X59)	221	8.2	18.3
4	Gastritis, duodenitis, and noninfective enteritis and colitis. . . . . (K29,K50–K55)	39	4.9	10.0	4	Diseases of the circulatory system . . . . . (I00–I99)	117	4.4	9.7
5	Influenza and pneumonia . . . . . (J10–J18)	35	4.4	9.0	5	Chronic respiratory disease originating in the perinatal period. . . . . (P27)	83	3.1	6.9
6	Septicemia . . . . . (A40–A41)	27	3.4	6.9	6	Septicemia . . . . . (A40–A41)	79	2.9	6.6
7	Diseases of the circulatory system . . . . . (I00–I99)	26	3.3	6.7	6	Assault (homicide). . . . . (X85–Y09)	79	2.9	6.6
8	Assault (homicide). . . . . (X85–Y09)	23	2.9	5.9	8	Influenza and pneumonia . . . . . (J10–J18)	59	2.2	4.9
9	Chronic respiratory disease originating in the perinatal period. . . . . (P27)	17	2.1	*	9	Gastritis, duodenitis, and noninfective enteritis and colitis. . . . . (K29,K50–K55)	44	1.6	3.7
10	Meningitis. . . . . (G00,G03)	11	1.4	*	10	Meningitis. . . . . (G00,G03)	26	1.0	2.2
...	All other causes . . . . . (Residual)	229	28.9	58.7	...	All other causes . . . . . (Residual)	749	27.9	62.2
Postneonates, Hispanic, female					Postneonates, white, non-Hispanic, female				
...	All causes . . . . .	634	100.0	169.3	...	All causes . . . . .	1,817	100.0	159.1
1	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	159	25.1	42.5	1	Sudden infant death syndrome . . . . . (R95)	514	28.3	45.0
2	Sudden infant death syndrome . . . . . (R95)	125	19.7	33.4	2	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	377	20.7	33.0
3	Diseases of the circulatory system . . . . . (I00–I99)	46	7.3	12.3	3	Accidents (unintentional injuries) . . . . . (V01–X59)	150	8.3	13.1
4	Accidents (unintentional injuries) . . . . . (V01–X59)	45	7.1	12.0	4	Diseases of the circulatory system . . . . . (I00–I99)	78	4.3	6.8
5	Assault (homicide). . . . . (X85–Y09)	23	3.6	6.1	5	Influenza and pneumonia . . . . . (J10–J18)	52	2.9	4.6
6	Influenza and pneumonia . . . . . (J10–J18)	22	3.5	5.9	6	Chronic respiratory disease originating in the perinatal period. . . . . (P27)	45	2.5	3.9
7	Septicemia . . . . . (A40–A41)	16	2.5	*	7	Septicemia . . . . . (A40–A41)	42	2.3	3.7
8	Gastritis, duodenitis, and noninfective enteritis and colitis. . . . . (K29,K50–K55)	11	1.7	*	8	Assault (homicide). . . . . (X85–Y09)	40	2.2	3.5
8	Chronic respiratory disease originating in the perinatal period. . . . . (P27)	11	1.7	*	9	Gastritis, duodenitis, and noninfective enteritis and colitis. . . . . (K29,K50–K55)	33	1.8	2.9
10	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism . . . . . (D50–D89)	8	1.3	*	10	Malignant neoplasms . . . . . (C00–C97)	14	0.8	*
...	All other causes . . . . . (Residual)	168	26.5	44.9	...	Renal failure and other disorders of kidney . . . . . (N17–N19,N25,N27)	14	0.8	*
...					...	All other causes . . . . . (Residual)	458	25.2	40.1

See footnotes at end of table.



**Table 4. Infant, neonatal, and postneonatal deaths, percent of total deaths, and mortality rates for the 10 leading causes of infant death by Hispanic origin, races for non-Hispanic population, and sex: United States, 1999—Con.**

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days–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]

Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, and sex	Number	Percent of total deaths	Mortality rate	Rank <sup>1</sup>	Cause of death (Based on the <i>Tenth Revision, International Classification of Diseases, 1992</i> ), Hispanic origin, and sex	Number	Percent of total deaths	Mortality rate
Postneonates, black, non-Hispanic, both sexes					Postneonates, black, non-Hispanic, female				
...	All causes . . . . .	2,850	100.0	483.9	...	All causes . . . . .	1,278	100.0	440.9
1	Sudden infant death syndrome . . . . . (R95)	771	27.1	130.9	1	Sudden infant death syndrome . . . . . (R95)	327	25.6	112.8
2	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	354	12.4	60.1	2	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	184	14.4	63.5
3	Accidents (unintentional injuries) . . . . . (V01–X59)	233	8.2	39.6	3	Accidents (unintentional injuries) . . . . . (V01–X59)	104	8.1	35.9
4	Diseases of the circulatory system . . . . . (I00–I99)	110	3.9	18.7	4	Diseases of the circulatory system . . . . . (I00–I99)	53	4.1	18.3
5	Chronic respiratory disease originating in the perinatal period. . . . . (P27)	107	3.8	18.2	5	Influenza and pneumonia . . . . . (J10–J18)	50	3.9	17.2
6	Septicemia . . . . . (A40–A41)	106	3.7	18.0	6	Septicemia . . . . . (A40–A41)	46	3.6	15.9
7	Influenza and pneumonia . . . . . (J10–J18)	103	3.6	17.5	6	Assault (homicide). . . . . (X85–Y09)	46	3.6	15.9
8	Assault (homicide). . . . . (X85–Y09)	95	3.3	16.1	8	Chronic respiratory disease originating in the perinatal period. . . . . (P27)	45	3.5	15.5
9	Gastritis, duodenitis, and noninfective enteritis and colitis. . . . . (K29,K50–K55)	84	2.9	14.3	9	Gastritis, duodenitis, and noninfective enteritis and colitis. . . . . (K29,K50–K55)	36	2.8	12.4
10	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	32	1.1	5.4	10	Meningitis. . . . . (G00,G03)	21	1.6	7.2
...	All other causes . . . . . (Residual)	855	30.0	145.2	...	All other causes . . . . . (Residual)	366	28.6	126.3
Postneonates, black, non-Hispanic, male									
...	All causes . . . . .	1,572	100.0	525.6					
1	Sudden infant death syndrome . . . . . (R95)	444	28.2	148.5					
2	Congenital malformations, deformations and chromosomal abnormalities. . . . . (Q00–Q99)	170	10.8	56.8					
3	Accidents (unintentional injuries) . . . . . (V01–X59)	129	8.2	43.1					
4	Chronic respiratory disease originating in the perinatal period. . . . . (P27)	62	3.9	20.7					
5	Septicemia . . . . . (A40–A41)	60	3.8	20.1					
6	Diseases of the circulatory system . . . . . (I00–I99)	57	3.6	19.1					
7	Influenza and pneumonia . . . . . (J10–J18)	53	3.4	17.7					
8	Assault (homicide). . . . . (X85–Y09)	49	3.1	16.4					
9	Gastritis, duodenitis, and noninfective enteritis and colitis. . . . . (K29,K50–K55)	48	3.1	16.0					
10	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . . (P07)	17	1.1	*					
...	All other causes . . . . . (Residual)	483	30.7	161.5					

... Category not applicable.

\* Figure does not meet standards of reliability or precision; see Technical notes.

<sup>1</sup>Rank based on number of deaths.



## 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. 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 (11) and Technical Appendix of *Vital Statistics of the United States, 1989*, Volume II, Mortality, part A (12). Information from death certificates are coded by the States and provided to the National Center for Health Statistics (NCHS) through the Vital Statistics Cooperative Program (VSCP) and from copies of the original certificates received by NCHS from the State registration offices. In 1999 all the States and the District of Columbia participated in this program and submitted part or all of the mortality data for 1999 in electronic data files to NCHS. All States provided precoded medical (cause-of-death) data to NCHS except Arizona, Illinois, Kentucky, Missouri, New Jersey, Ohio, West Virginia, New York City, and the District of Columbia. For 1999 all States submitted precoded demographic data for all deaths.

### 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, Tenth Revision* (ICD-10). The International Classification of Diseases (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 10th revision of this classification, (ICD-10) (4); during the period 1979–98, causes were coded and classified according to the 9th revision (ICD-9) (5). For earlier years causes of death were classified according to the revisions then in use—1968–78, eighth revision, adapted for use in the United States; 1958–67, seventh revision; and 1949–57, sixth revision.

One of the efforts to maintain the tradition of progress in the classification of diseases has been the practice, begun in 1900, to revise about every 10 to 20 years what is now the ICD. Each of these revisions has produced some break in the comparability of cause-of-death statistics. ICD-10 has many changes from ICD-9, including considerably greater detail, shifts of inclusion terms and titles from one category, section, or chapter to another; regroupings of diseases; new titles and sections; and modifications in coding rules (10). As a result, serious breaks occur in comparability for a number of causes of death. Measures of this discontinuity are essential to the interpretation of mortality trends. Ratios of comparability between ICD-9 and ICD-10 have been computed for this purpose and are presented in a separate report (10). Comparability ratios measuring discontinuities between previous revisions of the ICD have also been published (13–15).

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 Manual* (16–18). The manual includes rules for

selecting the underlying cause of death for tabulation purposes, definitions, tabulation lists, and regulations on the use of the classification.

Before data for 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) (19), 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 on 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) (20,21), 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 automatically processed by MICAR or SuperMICAR are manually multiple-cause coded 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 which 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 (22–24).

### 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 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 inconsistencies in reporting race on the death certificate as compared with race on censuses, surveys, and birth certificates. Studies have shown underreporting on death certificates of American Indians, API, and Hispanic decedents; and undercounts of these groups in the censuses (25,26).

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, on the basis of 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 reported by another member of the household familiar with the individual and, therefore, may be considered more valid. A high level of agreement between the death certificate and the census or survey report is essential to assure unbiased death rates by race.

Studies (26,27) show that a person self-reported as American Indian or Asian 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. In addition, undercoverage of minority groups in the census and resultant population estimates, introduces biases into death rates by race (25,28). Estimates of the approximate effect of the combined bias due to race misclassification on death certificates and underenumeration on the 1990 census are as follows: white, -1.0 percent; black, -5.0; American Indian, +20.6; Asian or Pacific Islander, +10.7 (25).

The National Longitudinal Mortality Study (NLMS) examined the reliability of Hispanic origin reported on 43,520 death certificates with that reported on a total of 12 Current Population Surveys conducted by the U.S. Bureau of the Census for the years 1979-85 (25). In this study, agreement—on a record-by-record basis—was 89.7 percent for any report of Hispanic origin. The ratio of deaths for CPS divided by deaths for death certificate was 1.07 indicating net underreporting of Hispanic origin on death certificates of 7 percent as compared with self-reports on the surveys. Death rates for the Hispanic-origin population are also affected by undercoverage of this population group in the census and resultant population estimates; the estimated net correction, taking into account both sources of bias, is 1.6 percent (25,28).

*Other races and race not stated*—Beginning in 1992 all records coded as “Other races” (0.02 percent of the total deaths in 1999) were assigned to the specified race of the previous record. Records for which race was unknown, not stated, or not classifiable (0.10 percent) were assigned the racial designation of the previous record.

*Infant mortality rates*—For 1989-99, 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 (29,30).

Quantitatively, the change in the basis for tabulating live births by race 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 (12,30).

Infant mortality rates for specified race are in error because of reporting problems that affect the classification of race on the birth and death 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 (31). 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 to be 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 (12,25).

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 percent of infant deaths of unknown origin was 1.4 and the percent of live births to mothers of unknown origin was 1.2 for the United States for 1999. Infant mortality rates by Hispanic origin are more accurate when based on linked files of infant deaths and live births (31).

## 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 (furnished by the U.S. Bureau of the Census) in this report are estimates as of July 1, 1999 (32) and based on 1990 census level counts. Census level counts by race were modified to be consistent with U.S. Office of Management and Budget categories and historical categories for death data (33). 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, and 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 1999” (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

**Table I. Estimated population by age, race, and sex: United States, July 1, 1999**

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 . . . . .	272,690,813	133,276,559	139,414,254	224,610,797	110,336,291	114,274,506	34,862,169	16,557,186	18,304,983	2,397,426	1,186,745	1,210,681	10,820,421	5,196,337	5,624,084
Less than 1 year . . . . .	3,819,903	1,952,133	1,867,770	3,027,180	1,549,389	1,477,791	568,772	289,078	279,694	42,542	21,442	21,100	181,409	92,224	89,185
1-4 years . . . . .	15,122,239	7,730,542	7,391,697	12,015,456	6,155,680	5,859,776	2,226,888	1,129,687	1,097,201	159,576	80,755	78,821	720,319	364,420	355,899
5-9 years . . . . .	19,946,746	10,207,957	9,738,789	15,706,268	8,047,451	7,658,817	3,145,614	1,597,522	1,548,092	219,430	111,364	108,066	875,434	451,620	423,814
10-14 years . . . . .	19,548,484	10,011,707	9,536,777	15,388,526	7,892,905	7,495,621	3,087,258	1,569,095	1,518,163	248,536	126,289	122,247	824,164	423,418	400,746
15-19 years . . . . .	19,747,923	10,150,997	9,596,926	15,647,637	8,069,271	7,578,366	3,043,767	1,548,256	1,495,511	234,657	117,925	116,732	821,862	415,545	406,317
20-24 years . . . . .	18,025,589	9,183,052	8,842,537	14,367,068	7,371,872	6,995,196	2,696,655	1,333,366	1,363,289	194,322	97,858	96,464	767,544	379,956	387,588
25-34 years . . . . .	37,935,812	18,826,288	19,109,524	30,431,393	15,273,321	15,158,072	5,286,663	2,505,284	2,781,379	374,047	191,269	182,778	1,843,709	856,414	987,295
35-44 years . . . . .	44,812,649	22,254,316	22,558,333	36,946,545	18,540,240	18,406,305	5,652,358	2,653,695	2,998,663	358,769	178,119	180,650	1,854,977	882,262	972,715
45-54 years . . . . .	35,802,358	17,499,088	18,303,270	30,249,529	14,954,220	15,295,309	3,928,525	1,783,710	2,144,815	256,008	123,692	132,316	1,368,296	637,466	730,830
55-64 years . . . . .	23,389,085	11,150,407	12,238,678	20,133,661	9,710,115	10,423,546	2,345,099	1,014,648	1,330,451	148,113	69,600	78,513	762,212	356,044	406,168
65 years and over . . . . .	34,540,025	14,310,072	20,229,953	30,697,534	12,771,827	17,925,707	2,880,570	1,132,845	1,747,725	161,426	68,432	92,994	800,495	336,968	463,527
65-74 years . . . . .	18,218,248	8,198,696	10,019,552	15,958,629	7,243,777	8,714,852	1,678,493	707,523	970,970	90,511	40,756	49,755	490,615	206,640	283,975
75-84 years . . . . .	12,146,695	4,871,134	7,275,561	10,965,640	4,414,172	6,551,468	889,080	333,297	555,783	50,534	21,212	29,322	241,441	102,453	138,984
85 years and over . . . . .	4,175,082	1,240,242	2,934,840	3,773,265	1,113,878	2,659,387	312,997	92,025	220,972	20,381	6,464	13,917	68,439	27,875	40,564

SOURCE: U.S. Bureau of the Census.

**Table II. Estimated population by age, Hispanic origin, race for non-Hispanic population, and sex: United States, July 1, 1999**

Age	All origins			Hispanic			Non-Hispanic White			Non-Hispanic Black		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total . . . . .	272,690,813	133,276,559	139,414,254	31,337,122	15,761,482	15,575,640	196,049,435	95,962,078	100,087,357	33,092,421	15,674,061	17,418,360
Less than 1 year . . . . .	3,819,903	1,952,133	1,867,770	721,512	367,921	353,591	2,366,679	1,212,566	1,154,113	528,998	268,703	260,295
1-4 years . . . . .	15,122,239	7,730,542	7,391,697	2,745,592	1,401,915	1,343,677	9,504,144	4,873,532	4,630,612	2,074,442	1,051,488	1,022,954
5-9 years . . . . .	19,946,746	10,207,957	9,738,789	3,243,040	1,654,620	1,588,420	12,748,940	6,539,640	6,209,300	2,961,201	1,502,658	1,458,543
10-14 years . . . . .	19,548,484	10,011,707	9,536,777	2,739,391	1,400,143	1,339,248	12,913,252	6,628,299	6,284,953	2,925,762	1,485,854	1,439,908
15-19 years . . . . .	19,747,923	10,150,997	9,596,926	2,780,366	1,445,082	1,335,284	13,116,918	6,752,531	6,364,387	2,890,618	1,469,084	1,421,534
20-24 years . . . . .	18,025,589	9,183,052	8,842,537	2,689,820	1,394,818	1,295,002	11,902,736	6,090,958	5,811,778	2,555,750	1,262,660	1,293,090
25-34 years . . . . .	37,935,812	18,826,288	19,109,524	5,230,158	2,694,451	2,535,707	25,667,510	12,814,074	12,853,436	4,996,802	2,360,779	2,636,023
35-44 years . . . . .	44,812,649	22,254,316	22,558,333	4,748,233	2,423,106	2,325,127	32,639,085	16,340,919	16,298,166	5,366,455	2,507,844	2,858,611
45-54 years . . . . .	35,802,358	17,499,088	18,303,270	2,914,659	1,423,934	1,490,725	27,600,770	13,659,878	13,940,892	3,757,029	1,699,892	2,057,137
55-64 years . . . . .	23,389,085	11,150,407	12,238,678	1,679,018	778,122	900,896	18,598,446	8,997,645	9,600,801	2,249,225	971,145	1,278,080
65 years and over . . . . .	34,540,025	14,310,072	20,229,953	1,845,333	777,370	1,067,963	28,990,955	12,052,036	16,938,919	2,786,139	1,093,954	1,692,185
65-74 years . . . . .	18,218,248	8,198,696	10,019,552	1,101,725	485,843	615,882	14,945,250	6,795,984	8,149,266	1,617,791	681,337	936,454
75-84 years . . . . .	12,146,695	4,871,134	7,275,561	554,435	227,995	326,440	10,450,224	4,201,620	6,248,604	862,703	322,990	539,713
85 years and over . . . . .	4,175,082	1,240,242	2,934,840	189,173	63,532	125,641	3,595,481	1,054,432	2,541,049	305,645	89,627	216,018

SOURCE: U.S. Bureau of the Census.

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 formulas for calculating standard errors for death rates and infant mortality rates).

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