

Deaths: Leading Causes for 2009

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Abstract

Objectives—This report presents final 2009 data on the 10 leading causes of death in the United States by age, sex, race, and Hispanic origin. Leading causes of infant, neonatal, and postneonatal death are also presented. This report supplements the Division of Vital Statistics' annual report of final mortality statistics.

Methods—Data in this report are based on information from all death certificates filed in the 50 states and the District of Columbia in 2009. Causes of death classified by the *International Classification of Diseases, Tenth Revision* (ICD-10) are ranked according to the number of deaths assigned to rankable causes. Cause-of-death statistics are based on the underlying cause of death.

Results—In 2009, the 10 leading causes of death were, in rank order: Diseases of heart; Malignant neoplasms; Chronic lower respiratory diseases; Cerebrovascular diseases; Accidents (unintentional injuries); Alzheimer's disease; Diabetes mellitus; Influenza and pneumonia; Nephritis, nephrotic syndrome and nephrosis; and Intentional self-harm (suicide). These causes accounted for approximately 75% 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 2009 were, in rank order: Congenital malformations, deformations and chromosomal abnormalities; Disorders related to short gestation and low birth weight, not elsewhere classified; Sudden infant death syndrome; Newborn affected by maternal complications of pregnancy; Accidents (unintentional injuries); Newborn affected by complications of placenta, cord and membranes; Bacterial sepsis of newborn; Respiratory distress of newborn; Diseases of the circulatory system; and Neonatal hemorrhage. Important variations in the leading causes of infant death are noted for the neonatal and postneonatal periods.

Keywords: mortality • leading causes of death • vital statistics • ICD-10

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). Users of this method of presentation 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 the selection is made and on the rules applied in making the selection. Different cause lists and 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 currently used by the Centers for Disease Control and Prevention's (CDC) 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 data are based on the underlying cause of death.

Cause-of-death ranking is a useful tool for illustrating the relative burden of cause-specific mortality. However, it should be used with a clear understanding of what the rankings mean. Literally, the rankings denote the most frequently occurring causes of death among those causes eligible to be ranked. Rankings do not illustrate cause-specific mortality risk or absolute burden as depicted by mortality rates. The rank of a specific cause (i.e., its mortality burden relative to other causes) may decline over time even if its mortality rate has not changed, or its rank may remain the same over time even if its mortality rate is on the decline.

It is also important to note that 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 “Procedures for ranking causes of death”), although they can be identified using the standard mortality tabulation lists. If these causes were included in the current rankings, lung cancer would be placed among the 10 leading causes of death with a rank of 3rd, whereas Motor vehicle accidents would rank 11th. 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 and acceptance in the general public health community.

Another tool used in this report to depict the relative burden of cause-specific mortality is the proportion of total deaths from the rankable causes. This maps directly to the rankings such that, within a given year or population group, the causes with the highest rankings also have the highest proportion of total deaths. When making comparisons over time, however, it is important to note that the rank of a specific cause may remain the same even though the proportion of deaths attributable to that cause may have changed. Similarly, two population groups may have the same rank for a specific cause but different attributable proportions.

This report presents final 2009 data on leading causes of death in the United States by age, sex, race, and Hispanic origin. These data accompany the release of final national mortality statistics for 2009, which are presented in a separate report (3). Further detail beyond that published in this report is provided in leading-cause work tables available from: http://www.cdc.gov/nchs/nvss/mortality_tables.htm. 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 2009. Death certificates are generally completed by funeral directors, attending physicians, medical examiners, and coroners. Cause-of-death statistics for 2009 presented in this report are classified in accordance with the 10th revision of the ICD (ICD-10) (4). Discussions of the cause-of-death classification and coding-rule changes in data year 2009 are provided in the [Technical Notes](#) at the end of this report.

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 criterion because it most accurately reflects the frequency of cause-specific mortality. Although crude death rates could technically be used as the ranking criterion because the population denominator of each rate is constant across

all cause-of-death categories, these rates 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 criterion. This is especially problematic when ranking causes of death for small population subgroups or geographic areas because it may be impossible to differentiate the ranks for several causes. Age-adjusted death rates should never be used to rank causes of death. The numerical value of the age-adjusted death rate depends on the population age distribution used to standardize the rate (5). Thus, rankings based on age-adjusted death rates will tend to vary depending on which standard is used. For example, when the standard age distribution gives more weight to the older population, the rank of causes of death that primarily affect the older population tends to be higher and the rank of causes that primarily affect the younger population tends to be lower.

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

Selection of the 50 rankable causes was guided by some basic principles. As in the past, vaguely defined categories were 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” (6) ([Table B](#)) is used to select 71 rankable causes of infant death from which the rankings in [Tables 3](#) and [4](#) are derived. The same principles for selecting the rankable causes from the “List of 113 Selected Causes of Death” guided the selection of rankable causes from the infant cause list.

Age groupings

Leading causes of death for those aged 1 year and over are presented in [Tables 1](#) and [2](#) for the following age categories: 1–4, 5–9, 10–14, 15–19, 20–24, 25–34, 35–44, 45–54, 55–64, 65 and over, 65–74, 75–84, and 85 and over. This set of age categories was adopted in 1999 in response to an increasing number of requests from data users for more age detail and represents a substantial expansion from the age categories previously used in these tables to present leading-cause data: 1–4, 5–14, 15–24, 25–44, 45–64, and

Table A. List of 113 selected causes of death and Enterocolitis due to *Clostridium difficile*[An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision (ICD-10)*, Second Edition; see Technical Notes]

Number ¹	Cause of death (based on ICD-10, 2004)
1#	Salmonella infections. (A01-A02)
2#	Shigellosis and amebiasis (A03,A06)
3	Certain other intestinal infections (A04,A07-A09) ²
#	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)

See footnotes at end of table.

Table A. List of 113 selected causes of death and Enterocolitis due to *Clostridium difficile*—Con.

[An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision (ICD-10)*, Second Edition; see Technical Notes]

Number ¹	Cause of death (based on ICD-10, 2004)
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)
59	All other forms of heart disease (I26–I28,I34–I38,I42–I49,I51)
60#	Essential hypertension and hypertensive renal disease (I10,I12,I15)
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 (J09–J18) ³
66	Influenza (J09–J11) ³
67	Pneumonia (J12–J18)
	Other acute lower respiratory infections (J20–J22,U04)
68#	Acute bronchitis and bronchiolitis (J20–J21)
69	Other and unspecified acute lower respiratory infection (J22,U04)
#	Chronic lower respiratory diseases (J40–J47)
70	Bronchitis, chronic and unspecified (J40–J42)
71	Emphysema (J43)
72	Asthma (J45–J46)
73	Other chronic lower respiratory diseases (J44,J47)
74#	Pneumoconioses and chemical effects (J60–J66,J68)
75#	Pneumonitis due to solids and liquids (J69)
76	Other diseases of respiratory system (J00–J06,J30–J39,J67,J70–J98)
77#	Peptic ulcer (K25–K28)
78#	Diseases of appendix (K35–K38)
79#	Hernia (K40–K46)
#	Chronic liver disease and cirrhosis (K70,K73–K74)
80	Alcoholic liver disease (K70)
81	Other chronic liver disease and cirrhosis (K73–K74)
82#	Cholelithiasis and other disorders of gallbladder (K80–K82)
#	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)
83	Acute and rapidly progressive nephritic and nephrotic syndrome (N00–N01,N04)
84	Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02–N03,N05–N07,N26)
85	Renal failure (N17–N19)
86	Other disorders of kidney (N25,N27)
87#	Infections of kidney (N10–N12,N13.6,N15.1)
88#	Hyperplasia of prostate (N40)
89#	Inflammatory diseases of female pelvic organs (N70–N76)
#	Pregnancy, childbirth and the puerperium (O00–O99)
90	Pregnancy with abortive outcome (O00–O07)
91	Other complications of pregnancy, childbirth and the puerperium (O10–O99)
92#	Certain conditions originating in the perinatal period (P00–P96)
93#	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)
94	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00–R99)
95	All other diseases (Residual)
#	Accidents (unintentional injuries) (V01–X59,Y85–Y86)
	Transport accidents (V01–V99,Y85)
96	Motor vehicle accidents (V02–V04,V09.0,V09.2,V12–V14,V19.0–V19.2,V19.4–V19.6,V20–V79,V80.3–V80.5, V81.0–V81.1,V82.0–V82.1,V83–V86,V87.0–V87.8,V88.0–V88.8,V89.0,V89.2)
97	Other land transport accidents (V01,V05–V06,V09.1,V09.3–V09.9,V10–V11,V15–V18,V19.3,V19.8–V19.9, V80.0–V80.2,V80.6–V80.9,V81.2–V81.9,V82.2–V82.9,V87.9,V88.9,V89.1,V89.3,V89.9)
98	Water, air and space, and other and unspecified transport accidents and their sequelae (V90–V99,Y85)
	Nontransport accidents (W00–X59,Y86)
99	Falls (W00–W19)

See footnotes at end of table.

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[An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision (ICD-10)*, Second Edition; see Technical Notes]

Number ¹	Cause of death (based on ICD-10, 2004)
100	Accidental discharge of firearms (W32–W34)
101	Accidental drowning and submersion (W65–W74)
102	Accidental exposure to smoke, fire and flames (X00–X09)
103	Accidental poisoning and exposure to noxious substances (X40–X49)
104	Other and unspecified nontransport accidents and their sequelae (W20–W31,W35–W64,W75–W99,X10–X39,X50–X59,Y86)
#	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)
105	Intentional self-harm (suicide) by discharge of firearms (X72–X74)
106	Intentional self-harm (suicide) by other and unspecified means and their sequelae (*U03,X60–X71,X75–X84,Y87.0)
#	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)
107	Assault (homicide) by discharge of firearms (*U01.4,X93–X95)
108	Assault (homicide) by other and unspecified means and their sequelae (*U01.0–*U01.3,*U01.5–*U01.9,*U02,X85–X92,X96–Y09,Y87.1)
109#	Legal intervention (Y35,Y89.0)
	Events of undetermined intent (Y10–Y34,Y87.2,Y89.9)
110	Discharge of firearms, undetermined intent (Y22–Y24)
111	Other and unspecified events of undetermined intent and their sequelae (Y10–Y21,Y25–Y34,Y87.2,Y89.9)
112#	Operations of war and their sequelae (Y36,Y89.1)
113#	Complications of medical and surgical care (Y40–Y84,Y88)
#	Enterocolitis due to <i>Clostridium difficile</i> (A04.7) ⁴

¹Causes labeled # are ranked to determine leading causes of death for specified population groups.

²ICD-10 code A09 (Diarrhea and gastroenteritis of infectious origin) was expanded in 2009; see Technical Notes.

³The title of ICD-10 code J09 was amended in 2009 to reflect the inclusion of Influenza A/H1N1 pandemic 2009 (swine flu). The new J09 title is Influenza due to certain identified influenza virus.

⁴Included in “Certain other intestinal infections (A04,A07–A09)” shown above.

65 and over (7). Leading causes by further age detail, along with the previously used age categories, are published on the NCHS website at http://www.cdc.gov/nchs/nvss/mortality_tables.htm. Tables 3 and 4, which present data for infants (under age 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 (8). For example, in 2009 the rankings for the 10 leading causes of death for a 45-year-old male were slightly different depending on whether the ranking was based on the age group 45–49 or 45–54. To illustrate, the category Viral hepatitis was not ranked among the 10 leading causes for 45- to 49-year-old men, but was ranked 10th for men aged 45–54. Assault (homicide) was ranked ninth for men aged 45–49, but was not ranked in the top 10 for men aged 45–54. Each aggregation of age resulted in a different understanding of the relative importance of Viral hepatitis and homicide for those at or near age 45.

Data by race and Hispanic origin

Leading-cause data are presented by race and Hispanic origin, which are reported separately on the death certificate. The race categories presented are: white, black, American Indian or Alaska Native (AIAN), and Asian or Pacific Islander (API). Data shown by race include persons of Hispanic origin. Data shown by Hispanic origin include persons of any race. The Hispanic-origin categories presented are: Hispanic, non-Hispanic white, and non-Hispanic black. Deaths for the AIAN, API, and Hispanic populations are understated to varying degrees because of net misclassification of race and Hispanic origin on the death certificate (see [Technical Notes](#)), so data for these groups should generally be interpreted with caution. However, racial or ethnic misclassification should not have a

major impact on the cause-of-death rankings for the race and Hispanic-origin groups, or prevent comparisons of relative mortality burden across groups, because there is no reason to expect that racial or ethnic misclassification varies by cause of death.

Results

In 2009, the 10 leading causes of death accounted for about 75% of all deaths occurring in the United States. The rank order of causes in 2009 remained unchanged from 2008 (9).

The number of deaths due to three causes increased in 2009 from 2008: Intentional self-harm (suicide) by 2.4%; Nephritis, nephrotic syndrome and nephrosis (kidney disease), 1.4%; and Malignant neoplasms (cancer), 0.4% (Table C). The number of deaths for each of the other leading causes decreased during this period. The largest decreases were observed for Influenza and pneumonia at 4.6%; Alzheimer’s disease, 4.2%; Cerebrovascular diseases (stroke), 4.0%; and Accidents (unintentional injuries), 3.2%.

The top two causes, Diseases of heart (heart disease) and cancer, accounted for 47.9% of all deaths in 2009. Chronic lower respiratory diseases (CLRD) ranked third, stroke fourth, and unintentional injuries fifth, accounting for 15.8% of all deaths in 2009. Completing the top 10 for 2009 were Alzheimer’s disease (6th), Diabetes mellitus (diabetes) (7th), Influenza and pneumonia (8th), kidney disease (9th), and suicide (10th) (Table C).

Differences by sex

Some similarities were observed in the ranking of certain causes of death among men and women in 2009. For both populations, heart disease and cancer ranked as the first and second leading causes of death, respectively (Figure 1 and Table 1).

Table B. List of 130 selected causes of infant death

[An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision (ICD-10)*, Second Edition; see Technical Notes]

Number ¹	Cause of death (based on ICD-10, 2004)	
	Certain infectious and parasitic diseases	(A00-B99) ²
1	Certain intestinal infectious diseases	(A00-A08)
2#	Diarrhea and gastroenteritis of infectious origin	(A09) ²
3#	Tuberculosis	(A16-A19)
4#	Tetanus	(A33,A35)
5#	Diphtheria	(A36)
6#	Whooping cough	(A37)
7#	Meningococcal infection	(A39)
8#	Septicemia	(A40-A41)
9#	Congenital syphilis	(A50)
10#	Gonococcal infection	(A54)
	Viral diseases	(A80-B34)
11#	Acute poliomyelitis	(A80)
12#	Varicella (chickenpox)	(B01)
13#	Measles	(B05)
14#	Human immunodeficiency virus (HIV) disease	(B20-B24)
15#	Mumps	(B26)
16	Other and unspecified viral diseases	(A81-B00,B02-B04,B06-B19,B25,B27-B34)
17#	Candidiasis	(B37)
18#	Malaria	(B50-B54)
19#	Pneumocystosis	(B59)
20	All other and unspecified infectious and parasitic diseases	(A20-A32,A38,A42-A49,A51-A53,A55-A79,B35-B36,B38-B49,B55-B58,B60-B99)
	Neoplasms	(C00-D48)
#	Malignant neoplasms	(C00-C97)
21	Hodgkin's disease and non-Hodgkin's lymphomas	(C81-C85)
22	Leukemia	(C91-C95)
23	Other and unspecified malignant neoplasms	(C00-C80,C88,C90,C96-C97)
24#	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	(D00-D48)
#	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	(D50-D89)
25	Anemias	(D50-D64)
26	Hemorrhagic conditions and other diseases of blood and blood-forming organs	(D65-D76)
27	Certain disorders involving the immune mechanism	(D80-D89)
	Endocrine, nutritional and metabolic diseases	(E00-E88)
28#	Short stature, not elsewhere classified	(E34.3)
29#	Nutritional deficiencies	(E40-E64)
30#	Cystic fibrosis	(E84)
31#	Volume depletion, disorders of fluid, electrolyte and acid-base balance	(E86-E87)
32	All other endocrine, nutritional and metabolic diseases	(E00-E32,E34.0-E34.2,E34.4-E34.9,E65-E83,E85,E88)
	Diseases of the nervous system	(G00-G98)
33#	Meningitis	(G00,G03)
34#	Infantile spinal muscular atrophy, type I (Werdnig-Hoffman)	(G12.0)
35#	Infantile cerebral palsy	(G80)
36#	Anoxic brain damage, not elsewhere classified	(G93.1)
37	Other diseases of nervous system	(G04,G06-G11,G12.1-G12.9,G20-G72,G81-G92,G93.0,G93.2-G93.9,G95-G98)
38#	Diseases of the ear and mastoid process	(H60-H93)
#	Diseases of the circulatory system	(I00-I99)
39	Pulmonary heart disease and diseases of pulmonary circulation	(I26-I28)
40	Pericarditis, endocarditis and myocarditis	(I30,I33,I40)
41	Cardiomyopathy	(I42)
42	Cardiac arrest	(I46)
43	Cerebrovascular diseases	(I60-I69)
44	All other diseases of circulatory system	(I00-I25,I31,I34-I38,I44-I45,I47-I51,I70-I99)
	Diseases of the respiratory system	(J00-J98,U04) ³
45#	Acute upper respiratory infections	(J00-J06)
#	Influenza and pneumonia	(J09-J18) ³
46	Influenza	(J09-J11) ³
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)

See footnotes at end of table.

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Number ¹	Cause of death (based on ICD-10, 2004)
52	Other and unspecified diseases of respiratory system (J22,J30–J39,J43–J44,J47–J68,J70–J98,U04)
	Diseases of the digestive system (K00–K92)
53#	Gastritis, duodenitis, and noninfective enteritis and colitis (K29,K50–K55)
54#	Hernia of abdominal cavity and intestinal obstruction without hernia (K40–K46,K56)
55	All other and unspecified diseases of digestive system (K00–K28,K30–K38,K57–K92)
	Diseases of the genitourinary system (N00–N95)
56#	Renal failure and other disorders of kidney (N17–N19,N25,N27)
57	Other and unspecified diseases of genitourinary system (N00–N15,N20–N23,N26,N28–N95)
	Certain conditions originating in the perinatal period (P00–P96)
	Newborn affected by maternal factors and by complications of pregnancy, labor and delivery (P00–P04)
58#	Newborn affected by maternal hypertensive disorders (P00.0)
59#	Newborn affected by other maternal conditions which may be unrelated to present pregnancy (P00.1–P00.9)
#	Newborn affected by maternal complications of pregnancy (P01)
60	Newborn affected by incompetent cervix (P01.0)
61	Newborn affected by premature rupture of membranes (P01.1)
62	Newborn affected by multiple pregnancy (P01.5)
63	Newborn affected by other maternal complications of pregnancy (P01.2–P01.4,P01.6–P01.9)
#	Newborn affected by complications of placenta, cord and membranes (P02)
64	Newborn affected by complications involving placenta (P02.0–P02.3)
65	Newborn affected by complications involving cord (P02.4–P02.6)
66	Newborn affected by chorioamnionitis (P02.7)
67	Newborn affected by other and unspecified abnormalities of membranes (P02.8–P02.9)
68#	Newborn affected by other complications of labor and delivery (P03)
69#	Newborn affected by noxious influences transmitted via placenta or breast milk (P04)
	Disorders related to length of gestation and fetal malnutrition (P05–P08)
70#	Slow fetal growth and fetal malnutrition (P05)
#	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)
71	Extremely low birth weight or extreme immaturity (P07.0,P07.2)
72	Other low birth weight or preterm (P07.1,P07.3)
73#	Disorders related to long gestation and high birth weight (P08)
74#	Birth trauma (P10–P15)
#	Intrauterine hypoxia and birth asphyxia (P20–P21)
75	Intrauterine hypoxia (P20)
76	Birth asphyxia (P21)
77#	Respiratory distress of newborn (P22)
	Other respiratory conditions originating in the perinatal period (P23–P28)
78#	Congenital pneumonia (P23)
79#	Neonatal aspiration syndromes (P24)
80#	Interstitial emphysema and related conditions originating in the perinatal period (P25)
81#	Pulmonary hemorrhage originating in the perinatal period (P26)
82#	Chronic respiratory disease originating in the perinatal period (P27)
83#	Atelectasis (P28.0–P28.1)
84	All other respiratory conditions originating in the perinatal period (P28.2–P28.9)
	Infections specific to the perinatal period (P35–P39)
85#	Bacterial sepsis of newborn (P36)
86#	Omphalitis of newborn with or without mild hemorrhage (P38)
87	All other infections specific to the perinatal period (P35,P37,P39)
	Hemorrhagic and hematological disorders of newborn (P50–P61)
88#	Neonatal hemorrhage (P50–P52,P54)
89#	Hemorrhagic disease of newborn (P53)
90#	Hemolytic disease of newborn due to isoimmunization and other perinatal jaundice (P55–P59)
91#	Hematological disorders (P60–P61)
92#	Syndrome of infant of a diabetic mother and neonatal diabetes mellitus (P70.0–P70.2)
93#	Necrotizing enterocolitis of newborn (P77)
94#	Hydrops fetalis not due to hemolytic disease (P83.2)
95	Other perinatal conditions (P29,P70.3–P70.9,P71–P76,P78–P81,P83.0–P83.1,P83.3–P83.9,P90–P96)
#	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)
96	Anencephaly and similar malformations (Q00)
97	Congenital hydrocephalus (Q03)
98	Spina bifida (Q05)
99	Other congenital malformations of nervous system (Q01–Q02,Q04,Q06–Q07)

See footnotes at end of table.

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

[An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision (ICD-10)*, Second Edition; see Technical Notes]

Number ¹	Cause of death (based on ICD-10, 2004)	
100	Congenital malformations of heart	(Q20–Q24)
101	Other congenital malformations of circulatory system	(Q25–Q28)
102	Congenital malformations of respiratory system	(Q30–Q34)
103	Congenital malformations of digestive system	(Q35–Q45)
104	Congenital malformations of genitourinary system	(Q50–Q64)
105	Congenital malformations and deformations of musculoskeletal system, limbs and integument	(Q65–Q85)
106	Down's syndrome	(Q90)
107	Edward's syndrome	(Q91.0–Q91.3)
108	Patau's syndrome	(Q91.4–Q91.7)
109	Other congenital malformations and deformations	(Q10–Q18, Q86–Q89)
110	Other chromosomal abnormalities, not elsewhere classified	(Q92–Q99)
	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	(R00–R99)
111#	Sudden infant death syndrome	(R95)
112	Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	(R00–R53, R55–R94, R96–R99)
113	All other diseases (Residual)	(F01–F99, H00–H57, L00–M99)
	External causes of mortality	(*U01, V01–Y84)
#	Accidents (unintentional injuries)	(V01–X59)
	Transport accidents	(V01–V99)
114	Motor vehicle accidents	(V02–V04, V09.0, V09.2, V12–V14, V19.0–V19.2, V19.4–V19.6, V20–V79, V80.3–V80.5, V81.0–V81.1, V82.0–V82.1, V83–V86, V87.0–V87.8, V88.0–V88.8, V89.0, V89.2)
115	Other and unspecified transport accidents	(V01, V05–V06, V09.1, V09.3–V09.9, V10–V11, V15–V18, V19.3, V19.8–V19.9, V80.0–V80.2, V80.6–V80.9, V81.2–V81.9, V82.2–V82.9, V87.9, V88.9, V89.1, V89.3, V89.9, V90–V99)
116	Falls	(W00–W19)
117	Accidental discharge of firearms	(W32–W34)
118	Accidental drowning and submersion	(W65–W74)
119	Accidental suffocation and strangulation in bed	(W75)
120	Other accidental suffocation and strangulation	(W76–W77, W81–W84)
121	Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract	(W78–W80)
122	Accidents caused by exposure to smoke, fire and flames	(X00–X09)
123	Accidental poisoning and exposure to noxious substances	(X40–X49)
124	Other and unspecified accidents	(W20–W31, W35–W64, W85–W99, X10–X39, X50–X59)
#	Assault (homicide)	(*U01, X85–Y09)
125	Assault (homicide) by hanging, strangulation and suffocation	(X91)
126	Assault (homicide) by discharge of firearms	(*U01.4, X93–X95)
127	Neglect, abandonment and other maltreatment syndromes	(Y06–Y07)
128	Assault (homicide) by other and unspecified means	(*U01.0–*U01.3, *U01.5–*U01.9, X85–X90, X92, X96–Y05, Y08–Y09)
129#	Complications of medical and surgical care	(Y40–Y84)
130	Other external causes	(Y10–Y36)

¹Causes labeled # are ranked to determine leading causes of infant death for specified population groups.

²ICD-10 code A09 (Diarrhea and gastroenteritis of infectious origin) was expanded in 2009; see Technical Notes.

³The title of ICD-10 code J09 was amended in 2009 to reflect the inclusion of Influenza A/H1N1 pandemic 2009 (swine flu). The new J09 title is Influenza due to certain identified influenza virus.

These two causes accounted for 49.6% of all deaths among men and 46.2% of all deaths among women in 2009. Other causes with an identical rank for both sexes in 2009 were CLRD (the fourth leading cause), Influenza and pneumonia (ranked eighth), and kidney disease (ranked ninth).

Men and women diverge in the ranking of other causes of death. In 2009, unintentional injuries were the third leading cause of death for males, accounting for 6.2% of deaths in this group, but the sixth leading cause for females, accounting for 3.5% of deaths (Figure 1 and Table 1). Stroke and diabetes ranked fifth and sixth, respectively, for males in 2009 but ranked third and seventh, respectively, for females. Women had a higher relative burden of mortality from stroke than men. In 2009, stroke accounted for 6.3% of all deaths to women but accounted for 4.3% of all deaths to men. Both groups had the same relative burden of mortality from diabetes (approximately 3.0%) despite the difference in rank. Suicide ranked seventh for males, but was not ranked among the 10 leading causes for females. Alzheimer's

disease ranked 10th for males, accounting for 2.0% of deaths, but ranked 5th for females, accounting for 4.5% of deaths. Septicemia ranked 10th for females but was not ranked among the top 10 for males.

In 2009 compared with 2008 (9), no changes occurred in the rank order of the 10 leading causes of death among women. However, among men, Alzheimer's disease moved down one rank from 9th to 10th, and kidney disease moved up one rank to become the 9th leading cause of death (reversing changes that occurred in 2008).

Differences by age

In 2009, the leading causes of death varied substantially by age group; however, some general similarities were found by broad age group in the pattern of leading causes (Table 1). For the population aged 1–44 years, the leading cause of death was unintentional injuries. Homicide and suicide were also important causes of death

Table C. Deaths and percentage of total deaths for the 10 leading causes of death: United States, 2008–2009

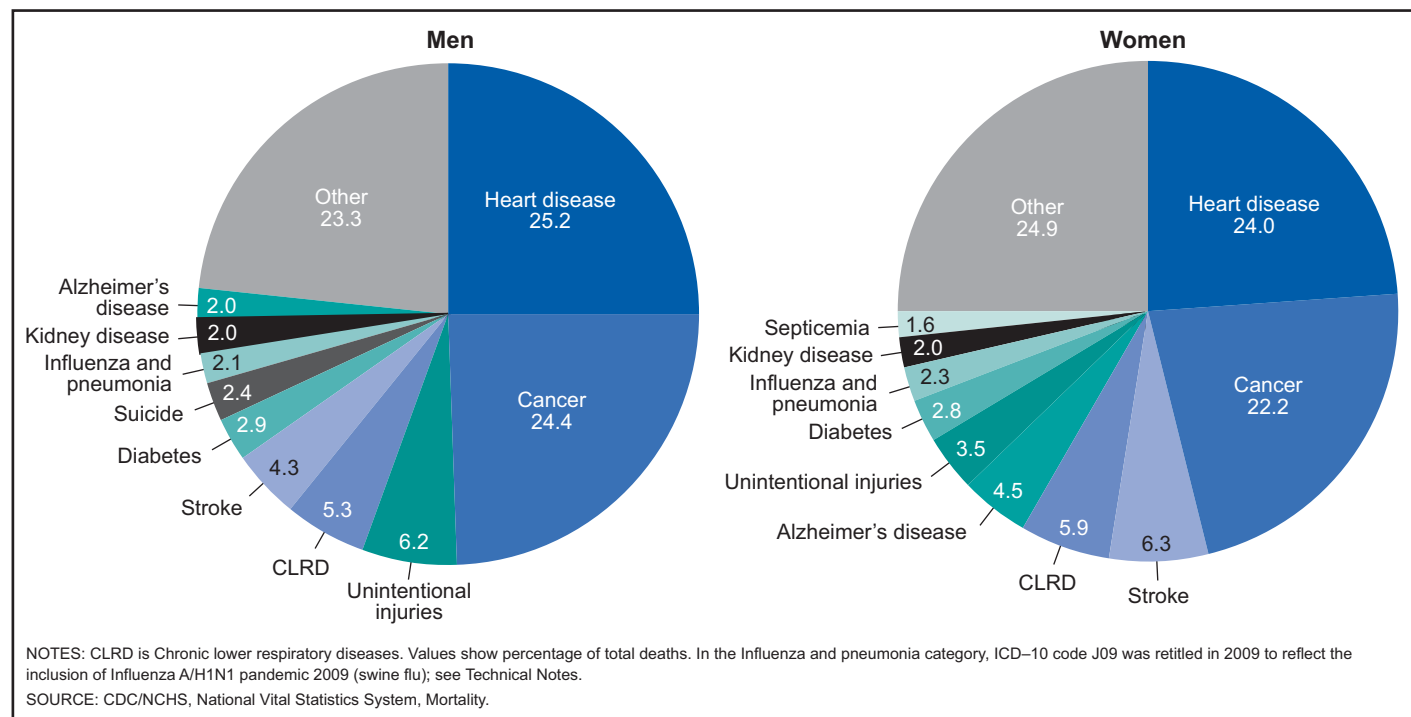
[An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision (ICD-10)*, Second Edition; see Technical Notes]

Cause of death (based on ICD-10, 2004)	Rank ¹	2009		2008	
		Deaths	Percent of total deaths	Deaths	Percent of total deaths
All causes . . . . .	...	2,437,163	100.0	2,471,984	100.0
Diseases of heart (I00–I09,I11,I13,I20–I51)	1	599,413	24.6	616,828	25.0
Malignant neoplasms (C00–C97)	2	567,628	23.3	565,469	22.9
Chronic lower respiratory diseases (J40–J47)	3	137,353	5.6	141,090	5.7
Cerebrovascular diseases (I60–I69)	4	128,842	5.3	134,148	5.4
Accidents (unintentional injuries) (V01–X59,Y85–Y86)	5	118,021	4.8	121,902	4.9
Alzheimer's disease (G30)	6	79,003	3.2	82,435	3.3
Diabetes mellitus (E10–E14)	7	68,705	2.8	70,553	2.9
Influenza and pneumonia (J09–J18) ²	8	53,692	2.2	56,284	2.3
Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	9	48,935	2.0	48,237	2.0
Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	10	36,909	1.5	36,035	1.5

... Category not applicable.

¹Based on number of deaths.

²The title of ICD-10 code J09 was amended in 2009 to reflect the inclusion of Influenza A/H1N1 pandemic 2009 (swine flu). The new J09 title is Influenza due to certain identified influenza virus.

**Figure 1. Percent distribution of the 10 leading causes of death, by sex: United States, 2009**

in this broad age category: Homicide was consistently one of the top five causes of death in the age groups between 1 and 44, and suicide was a top five killer in the age groups between 10 and 44. Cancer; heart disease; Congenital malformations, deformations and chromosomal abnormalities; stroke; and Influenza and pneumonia were also consistently ranked among the 10 leading causes for the age groups between 1 and 44. Human immunodeficiency virus (HIV) disease was among the leading causes of death for the age groups between 20 and 44.

For the population aged 45 and over, chronic diseases accounted for far more deaths than other causes. Cancer and heart disease were the first and second leading causes, respectively, for the age groups between 45 and 74, whereas for those aged 75 and over, heart disease was the leading cause, with cancer second (Table 1, focusing on 10-year age groups through age 85 and over). Other leading causes prevalent among the population aged 45 and over were CLRD, stroke, diabetes, Septicemia, Chronic liver disease and cirrhosis, kidney

disease, unintentional injuries, Alzheimer’s disease, and Influenza and pneumonia. HIV disease was one of the leading causes of death in the population aged 45–54.

Differences by race

Table D and Figure 2 show variation across the four major race groups in the 10 leading causes of death in 2009. The four groups had seven of the leading causes in common but had different relative disease burden. Heart disease was the first leading cause of death for the white, black, and AIAN populations, but it was the second leading cause for the API population. As measured by cause-specific percentage of total deaths within each population, the relative burden of mortality from heart disease was 18.5% in the AIAN population compared with 24.7% in the white population, 24.3% in the black population, and 23.1% in the API population (Table D and Figure 2). Cancer was the first leading cause of death for the API population, but the second leading cause for the other groups. Cancer accounted for 27.0% of all deaths in the API population, 23.3% in the white population, 22.6% in the black population, and 18.1% in the AIAN population. CLRD ranked third for the white population, accounting for 6.1% of deaths in this group; sixth for the AIAN population (4.1% of deaths); and seventh for the black and API populations (3.0% of deaths, each). Stroke, unintentional injuries, diabetes, and kidney disease also ranked among the top 10 causes of death for each race group. Stroke ranked fourth for the white population but third for the black and API populations and seventh for the AIAN population. The percentage of deaths attributable to stroke was highest for the API population (7.4% of all deaths)

and lowest for the AIAN population (3.8% of deaths). Unintentional injuries ranked fifth for the white population (4.9% of deaths), fourth for the black and API populations (4.2% of deaths, each), and third for the AIAN population (11.6% of deaths). Diabetes ranked fourth for the AIAN population, accounting for 5.3% of deaths; fifth for the black and API populations (4.2% and 3.8% of deaths, respectively); and seventh for the white population (2.6% of deaths). Kidney disease ranked 9th for the white population but 6th for the black population, 8th for the API population, and 10th for the AIAN population. Kidney disease accounted for 3.1% of deaths in the black population, 2.2% in the API population, 2.1% in the AIAN population, and 1.9% in the white population.

Some of the leading causes were shared by some groups but not by others. Alzheimer’s disease ranked sixth and ninth for the white and API populations, respectively, but was not among the top 10 for the black and AIAN populations. Influenza and pneumonia ranked sixth for the API population, eighth for the white population, and ninth for the AIAN population, but was not ranked in the 10 leading causes of death for the black population. Similarly, suicide was not ranked in the top 10 for the black population but was among the 10 leading causes for the other three groups: 8th for the AIAN population, and 10th for the white and API populations.

Furthermore, at least one of the 10 leading causes was unique to each of two groups. For the AIAN population, Chronic liver disease and cirrhosis ranked fifth but was not ranked in the top 10 for the other three race groups. For the black population, homicide ranked 8th, Septicemia 9th, and HIV disease 10th, but these causes were not ranked among the top 10 for the other race groups.

Table D. Deaths and percentage of total deaths for the 10 leading causes of death, by race: United States, 2009

[Data for races other than white and black should be interpreted with caution because of misreporting of race on death certificates; see Technical Notes. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision (ICD-10)*, Second Edition; see Technical Notes]

Cause of death (based on ICD-10, 2004)	White			Black			American Indian or Alaska Native			Asian or Pacific Islander		
	Rank ¹	Deaths	Percent of total deaths	Rank ¹	Deaths	Percent of total deaths	Rank ¹	Deaths	Percent of total deaths	Rank ¹	Deaths	Percent of total deaths
All causes . . . . .	...	2,086,355	100.0	...	286,623	100.0	...	14,960	100.0	...	49,225	100.0
Diseases of heart (I00-I09,I11,I13,I20-I51)	1	515,587	24.7	1	69,687	24.3	1	2,764	18.5	2	11,375	23.1
Malignant neoplasms (C00-C97)	2	486,995	23.3	2	64,649	22.6	2	2,710	18.1	1	13,274	27.0
Chronic lower respiratory diseases (J40-J47)	3	126,733	6.1	7	8,530	3.0	6	610	4.1	7	1,480	3.0
Cerebrovascular diseases (I60-I69)	4	108,764	5.2	3	15,878	5.5	7	561	3.8	3	3,639	7.4
Accidents (unintentional injuries) (V01-X59,Y85-Y86)	5	102,170	4.9	4	12,074	4.2	3	1,733	11.6	4	2,044	4.2
Alzheimer’s disease (G30)	6	72,696	3.5	12	5,090	1.8	13	193	1.3	9	1,024	2.1
Diabetes mellitus (E10-E14)	7	54,113	2.6	5	11,960	4.2	4	786	5.3	5	1,846	3.8
Influenza and pneumonia (J09-J18) ²	8	46,432	2.2	11	5,290	1.8	9	402	2.7	6	1,568	3.2
Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	9	38,758	1.9	6	8,808	3.1	10	307	2.1	8	1,062	2.2
Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	10	33,425	1.6	16	2,084	0.7	8	429	2.9	10	971	2.0
Septicemia (A40-A41)	11	28,609	1.4	9	6,179	2.2	11	275	1.8	12	576	1.2
Chronic liver disease and cirrhosis (K70,K73-K74)	12	26,820	1.3	15	2,560	0.9	5	714	4.8	13	464	0.9
Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	18	8,323	0.4	8	7,874	2.7	12	254	1.7	16	348	0.7
Human immunodeficiency virus (HIV) disease . . . (B20-B24)	24	3,896	0.2	10	5,377	1.9	19	64	0.4	28	69	0.1

... Category not applicable.

¹Based on number of deaths. Ranks above 10 are provided for informational purposes when a cause is among the top 10 for at least one of the groups being compared.

²The title of ICD-10 code J09 was amended in 2009 to reflect the inclusion of Influenza A/H1N1 pandemic 2009 (swine flu). The new J09 title is influenza due to certain identified influenza virus; see Technical Notes.

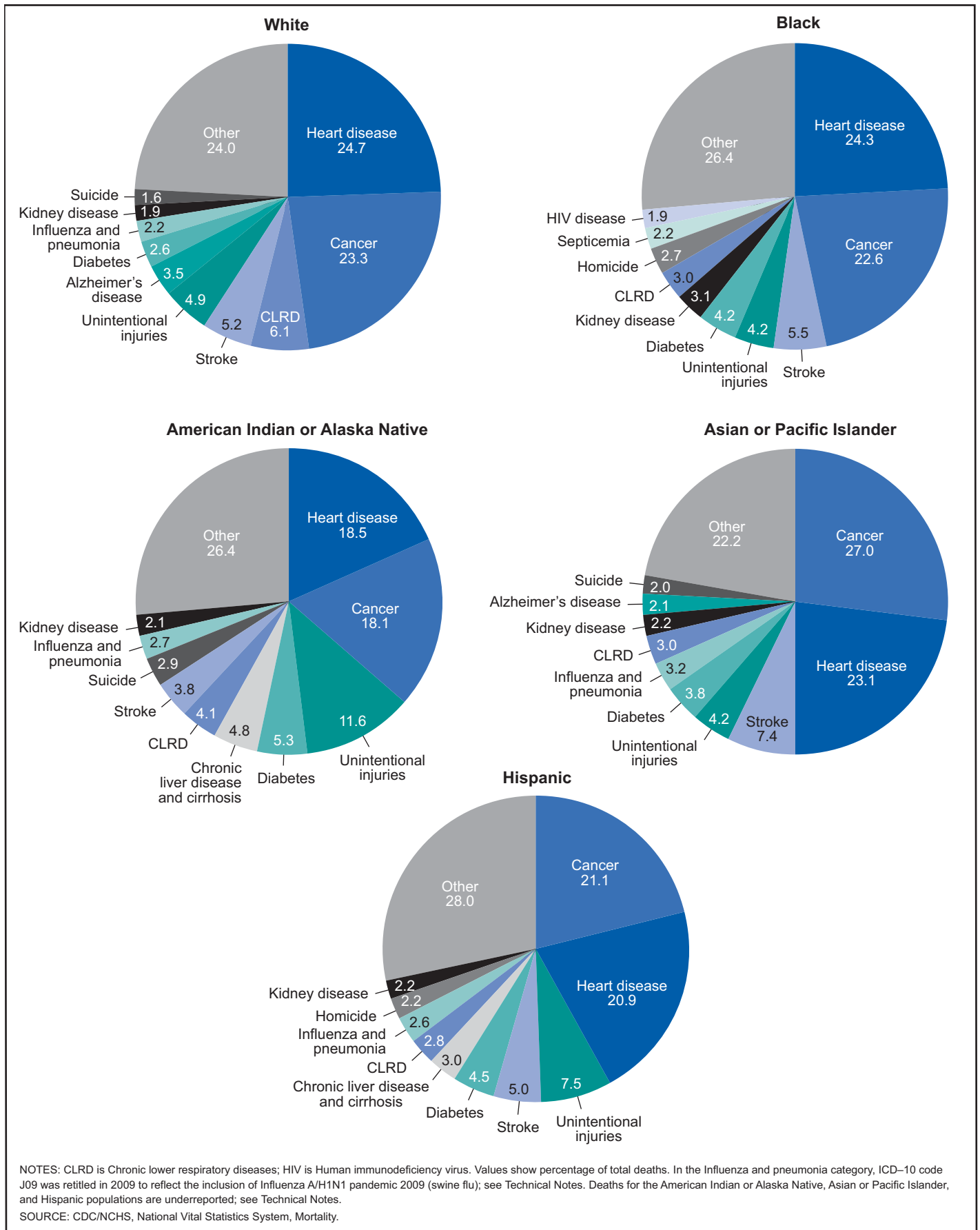


Figure 2. Percent distribution of the 10 leading causes of death, by race and ethnicity: United States, 2009

The rank order of several leading causes changed in 2009 from 2008 (9). For the black population, kidney disease replaced CLRD as the sixth leading cause of death; CLRD moved down to seventh rank. For the AIAN population, heart disease switched ranks with cancer, becoming the first and second leading causes, respectively (and reversing a 2008 switch in ranks).

Differences by Hispanic origin

Table E contrasts the 10 leading causes of death for the Hispanic, non-Hispanic white, and non-Hispanic black populations in 2009. For the Hispanic population, cancer ranked first and heart disease second. In contrast, heart disease ranked first and cancer second for the non-Hispanic white and non-Hispanic black populations. Unintentional injuries ranked third for the Hispanic population but fifth for the other groups. The fourth-ranked cause for Hispanics was stroke, which also ranked fourth for the non-Hispanic white population but third for the non-Hispanic black population. Diabetes ranked fifth for the Hispanic population, fourth for the non-Hispanic black population, and seventh for the non-Hispanic white population. Chronic liver disease and cirrhosis was unique as a leading cause of death for the Hispanic population; it ranked sixth for this group but was not among the 10 leading causes of death for the non-Hispanic white and non-Hispanic black populations. CLRD ranked much higher for the non-Hispanic white population (third) than for the non-Hispanic black and Hispanic populations (both seventh). Influenza and pneumonia ranked eighth for the Hispanic and non-

Hispanic white populations but was not among the 10 leading causes of death for the non-Hispanic black population. The ninth-ranked cause of death for the Hispanic population was homicide, which ranked eighth for the non-Hispanic black population but was not among the top 10 causes for the non-Hispanic white population. Kidney disease ranked 10th for the Hispanic population, 6th for the non-Hispanic black population, and 9th for the non-Hispanic white population.

Causes that ranked among the 10 leading causes for the non-Hispanic white and non-Hispanic black groups but not for the Hispanic group were Alzheimer's disease, which ranked 6th for the non-Hispanic white population; suicide, which ranked 10th for the non-Hispanic white population; Septicemia, which ranked 9th for the non-Hispanic black population; and HIV disease, which ranked 10th for the non-Hispanic black population.

Figure 2 and Table E illustrate the percentage of total deaths from the 10 leading causes for the Hispanic population. Cancer accounted for 21.1% of all deaths, heart disease for 20.9%, unintentional injuries for 7.5%, stroke for 5.0%, and diabetes for 4.5%. These five causes together accounted for 59.0% of deaths in the Hispanic population. Chronic liver disease and cirrhosis, CLRD, and Influenza and pneumonia each accounted for approximately 3.0% of deaths. Homicide and kidney disease each accounted for approximately 2.0% of deaths.

Some causes changed rank in 2009 from 2008 (9) for the Hispanic population. Cancer and heart disease switched ranks such that cancer became the leading cause of death and heart disease the second. Influenza and pneumonia moved up from ninth to eighth rank,

Table E. Deaths and percentage of total deaths for the 10 leading causes of death, by Hispanic origin and race for the non-Hispanic population: United States, 2009

[Race and Hispanic origin are reported separately on the death certificate. Persons of Hispanic origin may be of any race. Data for Hispanic origin should be interpreted with caution because of misreporting of Hispanic origin on death certificates; see Technical Notes. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision (ICD-10)*, Second Edition; see Technical Notes]

Cause of death (based on ICD-10, 2004)	Hispanic			Non-Hispanic			Non-Hispanic white			Non-Hispanic black		
	Rank ¹	Deaths	Percent of total deaths	Rank ¹	Deaths	Percent of total deaths	Rank ¹	Deaths	Percent of total deaths	Rank ¹	Deaths	Percent of total deaths
All causes . . . . .	...	141,576	100.0	...	2,289,999	100.0	...	1,944,606	100.0	...	282,982	100.0
Malignant neoplasms (C00-C97)	1	29,935	21.1	2	536,814	23.4	2	457,189	23.5	2	63,967	22.6
Diseases of heart (I00-I09,I11,I13,I20-I51)	2	29,611	20.9	1	568,378	24.8	1	485,779	25.0	1	68,811	24.3
Accidents (unintentional injuries) . . . (V01-X59,Y85-Y86)	3	10,654	7.5	5	106,812	4.7	5	91,416	4.7	5	11,810	4.2
Cerebrovascular diseases (I60-I69)	4	7,065	5.0	4	121,540	5.3	4	101,703	5.2	3	15,718	5.6
Diabetes mellitus (E10-E14)	5	6,311	4.5	7	62,250	2.7	7	47,851	2.5	4	11,833	4.2
Chronic liver disease and cirrhosis (K70,K73-K74)	6	4,303	3.0	12	26,160	1.1	12	22,520	1.2	15	2,518	0.9
Chronic lower respiratory diseases (J40-J47)	7	4,026	2.8	3	133,095	5.8	3	122,605	6.3	7	8,444	3.0
Influenza and pneumonia (J10-J18) ²	8	3,679	2.6	8	49,905	2.2	8	42,752	2.2	11	5,214	1.8
Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	9	3,179	2.2	17	13,456	0.6	22	5,163	0.3	8	7,733	2.7
Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	10	3,107	2.2	9	45,729	2.0	9	35,670	1.8	6	8,727	3.1
Alzheimer's disease (G30)	11	2,986	2.1	6	75,932	3.3	6	69,695	3.6	12	5,042	1.8
Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	13	2,573	1.8	10	34,188	1.5	10	30,813	1.6	16	2,034	0.7
Septicemia (A40-A41)	14	2,077	1.5	11	33,491	1.5	11	26,533	1.4	9	6,131	2.2
Human immunodeficiency virus (HIV) disease (B20-B24)	17	1,263	0.9	20	8,071	0.4	25	2,640	0.1	10	5,307	1.9

... Category not applicable.

¹Based on number of deaths. Ranks above 10 are provided for informational purposes when a cause is among the top 10 for at least one of the groups being compared.

²The title of ICD-10 code J09 was amended in 2009 to reflect the inclusion of Influenza A/H1N1 pandemic 2009 (swine flu). The new J09 title is Influenza due to certain identified influenza virus; see Technical Notes.

and homicide moved down from eighth to ninth place. Kidney disease rose into the top 10, becoming the 10th leading cause of death. Alzheimer's disease, which rose into the top 10 list in 2008, dropped out in 2009.

Leading causes of infant death

The leading cause of infant death in 2009 was Congenital malformations, deformations and chromosomal abnormalities (congenital malformations), which accounted for 20.1% of all infant deaths (Table F). The second leading cause was Disorders related to short gestation and low birth weight, not elsewhere classified (17.2% of deaths). The third leading cause was Sudden infant death syndrome (SIDS) (8.4% of deaths), and the fourth leading cause was Newborn affected by maternal complications of pregnancy (6.1% of deaths). Unintentional injuries ranked fifth and accounted for 4.5% of deaths. In 2009, 56.3% of infant deaths were attributable to these five leading causes. Other leading causes in 2009 were Newborn affected by complications of placenta, cord and membranes (ranked 6th); Bacterial sepsis of newborn (7th); Respiratory distress of newborn (8th); Diseases of the circulatory system (9th); and Neonatal hemorrhage (10th). In all, these 10 leading causes of infant death accounted for 69.2% of all infant deaths.

The rank order of the 10 leading causes of death among infants remained the same in 2009 as in 2008 (9).

Neonatal and postneonatal mortality

Differences were evident when comparing leading causes of death in the neonatal (age less than 28 days after birth) and postneonatal (from 28 days through 11 months after birth) periods (Table G). Disorders related to short gestation and low birth weight, not elsewhere classified were the leading cause of neonatal death in 2009. In contrast, SIDS was the leading cause in the postneonatal period. Congenital malformations—the leading cause of infant death overall—ranked second for both neonates and postneonates. The remaining leading causes of neonatal death were characterized by

conditions occurring in the perinatal period, whereas in the postneonatal period the remaining leading causes included several conditions prevalent among the general population. These included unintentional injuries, ranked third; homicide, ranked sixth; Influenza and pneumonia, ranked seventh; and Septicemia, ranked eighth.

The rank order of the 10 leading causes of neonatal deaths remained the same in 2009 as in 2008 (9). However, the rankings for the 10 leading causes of postneonatal deaths changed: The fifth leading cause became Diarrhea and gastroenteritis of infectious origin; Influenza and pneumonia moved up from eighth to seventh rank; and Septicemia moved down from seventh to eighth rank. Diarrhea and gastroenteritis of infectious origin became a leading cause of postneonatal deaths because a change in coding rules led to an increase in the number of deaths from this cause; see [Technical Notes](#).

Differences in infant mortality, including neonatal and postneonatal mortality, by race and Hispanic origin are detailed in [Tables 3 and 4](#) for readers' information but are not discussed. Race reported on the death certificate is considered to be fairly accurate for white and black infants; however, both race and Hispanic origin may be misreported for other groups (10–13); see [Technical Notes](#). Consequently, readers are directed to the report using data from the linked file of live births and infant deaths for better measures of infant mortality by race and Hispanic origin (14).

Discussion

This report presents leading causes of death in the United States by age, sex, race, 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 and with a clear understanding of the limitations underlying the method.

When comparing rankings across groups or over time, careful note should be made of the age distribution of the populations being compared. Leading causes of death for populations with younger age

Table F. Deaths and percentage of total deaths for the 10 leading causes of infant death: United States, 2008–2009

Cause of death (based on <i>International Classification of Diseases, Tenth Revision, Second Edition, 2004</i>)	2009			2008		
	Rank ¹	Deaths	Percent of total deaths	Rank ¹	Deaths	Percent of total deaths
All causes . . . . .	...	26,412	100.0	...	28,059	100.0
Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1	5,319	20.1	1	5,638	20.1
Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	2	4,538	17.2	2	4,754	16.9
Sudden infant death syndrome (R95)	3	2,226	8.4	3	2,353	8.4
Newborn affected by maternal complications of pregnancy (P01)	4	1,608	6.1	4	1,765	6.3
Accidents (unintentional injuries) (V01–X59)	5	1,181	4.5	5	1,315	4.7
Newborn affected by complications of placenta, cord and membranes . . . (P02)	6	1,064	4.0	6	1,080	3.8
Bacterial sepsis of newborn (P36)	7	652	2.5	7	700	2.5
Respiratory distress of newborn (P22)	8	595	2.3	8	630	2.2
Diseases of the circulatory system (I00–I99)	9	581	2.2	9	594	2.1
Neonatal hemorrhage (P50–P52,P54)	10	517	2.0	10	556	2.0

... Category not applicable.

¹Based on number of deaths.

Table G. Deaths and percentage of total deaths for the 10 leading causes of neonatal and postneonatal deaths: United States, 2009

[Neonatal deaths are those occurring less than 28 days after birth. Postneonatal deaths are those occurring from 28 days through 11 months after birth. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision* (ICD-10), Second Edition; see Technical Notes]

Rank ¹	Cause of death (based on ICD-10, 2004)	Deaths	Percent of total deaths
Neonatal			
...	All causes	17,255	100.0
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	4,431	25.7
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	3,745	21.7
3	Newborn affected by maternal complications of pregnancy (P01)	1,599	9.3
4	Newborn affected by complications of placenta, cord and membranes (P02)	1,056	6.1
5	Bacterial sepsis of newborn (P36)	624	3.6
6	Respiratory distress of newborn (P22)	587	3.4
7	Neonatal hemorrhage (P50-P52,P54)	507	2.9
8	Necrotizing enterocolitis of newborn (P77)	420	2.4
9	Intrauterine hypoxia and birth asphyxia (P20-P21)	298	1.7
10	Atelectasis (P28.0-P28.1)	271	1.6
...	All other causes (residual)	3,717	21.5
Postneonatal			
...	All causes	9,157	100.0
1	Sudden infant death syndrome (R95)	2,030	22.2
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	1,574	17.2
3	Accidents (unintentional injuries) (V01-X59)	1,056	11.5
4	Diseases of the circulatory system (I00-I99)	460	5.0
5	Diarrhea and gastroenteritis of infectious origin (A09) ²	319	3.5
6	Assault (homicide) (*U01.X85-Y09)	293	3.2
7	Influenza and pneumonia (J09-J18) ³	247	2.7
8	Septicemia (A40-A41)	217	2.4
9	Chronic respiratory disease originating in the perinatal period (P27)	160	1.7
10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	107	1.2
...	All other causes (residual)	2,694	29.4

... Category not applicable.

¹Based on number of deaths.

²ICD-10 code A09 (Diarrhea and gastroenteritis of infectious origin) was expanded in 2009; see Technical Notes.

³The title of ICD-10 code J09 was amended in 2009 to reflect the inclusion of Influenza A/H1N1 pandemic 2009 (swine flu). The new J09 title is Influenza due to certain identified influenza virus.

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 fewer than 100 deaths), estimates of mortality risk are subject to random fluctuations; see [Technical Notes](#). Especially when comparing rankings based on small numbers of deaths between groups or over time, it is important to be aware that differences in relative rankings may be attributable to random variability.

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

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Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
All races, both sexes, all ages ³					All races, both sexes, 10-14 years				
...	All causes	2,437,163	100.0	793.8	...	All causes	3,128	100.0	15.7
1	Diseases of heart(I00-I09,I11,I13,I20-I51)	599,413	24.6	195.2	1	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	916	29.3	4.6
2	Malignant neoplasms.(C00-C97)	567,628	23.3	184.9	2	Malignant neoplasms.(C00-C97)	419	13.4	2.1
3	Chronic lower respiratory diseases(J40-J47)	137,353	5.6	44.7	3	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	259	8.3	1.3
4	Cerebrovascular diseases(I60-I69)	128,842	5.3	42.0	4	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	186	5.9	0.9
5	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	118,021	4.8	38.4	5	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	169	5.4	0.8
6	Alzheimer's disease(G30)	79,003	3.2	25.7	6	Influenza and pneumonia(J09-J18) ⁴	122	3.9	0.6
7	Diabetes mellitus(E10-E14)	68,705	2.8	22.4	7	Diseases of heart(I00-I09,I11,I13,I20-I51)	120	3.8	0.6
8	Influenza and pneumonia(J09-J18) ⁴	53,692	2.2	17.5	8	Chronic lower respiratory diseases(J40-J47)	59	1.9	0.3
9	Nephritis, nephrotic syndrome and nephrosis(N00-N07,N17-N19,N25-N27)	48,935	2.0	15.9	9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00-D48)	45	1.4	0.2
10	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	36,909	1.5	12.0	10	Cerebrovascular diseases(I60-I69)	42	1.3	0.2
...	All other causes(residual)	598,662	24.6	195.0	...	All other causes(residual)	791	25.3	4.0
All races, both sexes, 1-4 years					All races, both sexes, 15-19 years				
...	All causes	4,450	100.0	26.1	...	All causes	11,520	100.0	53.5
1	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	1,466	32.9	8.6	1	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	4,807	41.7	22.3
2	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	464	10.4	2.7	2	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	1,919	16.7	8.9
3	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	376	8.4	2.2	3	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	1,669	14.5	7.7
4	Malignant neoplasms.(C00-C97)	350	7.9	2.1	4	Malignant neoplasms.(C00-C97)	644	5.6	3.0
5	Diseases of heart(I00-I09,I11,I13,I20-I51)	154	3.5	0.9	5	Diseases of heart(I00-I09,I11,I13,I20-I51)	335	2.9	1.6
6	Influenza and pneumonia(J09-J18) ⁴	146	3.3	0.9	6	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	230	2.0	1.1
7	Septicemia(A40-A41)	71	1.6	0.4	7	Influenza and pneumonia(J09-J18) ⁴	163	1.4	0.8
8	Chronic lower respiratory diseases(J40-J47)	66	1.5	0.4	8	Chronic lower respiratory diseases(J40-J47)	86	0.7	0.4
9	Certain conditions originating in the perinatal period(P00-P96)	58	1.3	0.3	9	Septicemia(A40-A41)	61	0.5	0.3
10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00-D48)	53	1.2	0.3	10	Cerebrovascular diseases(I60-I69)	60	0.5	0.3
...	All other causes(residual)	1,246	28.0	7.3	...	All other causes(residual)	1,546	13.4	7.2
All races, both sexes, 5-9 years					All races, both sexes, 20-24 years				
...	All causes	2,523	100.0	12.2	...	All causes	18,896	100.0	87.7
1	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	773	30.6	3.8	1	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	7,651	40.5	35.5
2	Malignant neoplasms.(C00-C97)	477	18.9	2.3	2	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	2,943	15.6	13.7
3	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	195	7.7	0.9	3	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	2,702	14.3	12.5
4	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	119	4.7	0.6	4	Malignant neoplasms.(C00-C97)	992	5.2	4.6
5	Influenza and pneumonia(J09-J18) ⁴	106	4.2	0.5	5	Diseases of heart(I00-I09,I11,I13,I20-I51)	700	3.7	3.2
6	Diseases of heart(I00-I09,I11,I13,I20-I51)	97	3.8	0.5	6	Influenza and pneumonia(J09-J18) ⁴	255	1.3	1.2
7	Chronic lower respiratory diseases(J40-J47)	64	2.5	0.3	7	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	227	1.2	1.1
8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00-D48)	40	1.6	0.2	8	Pregnancy, childbirth and the puerperium(O00-O99)	169	0.9	0.8
9	Septicemia(A40-A41)	33	1.3	0.2	9	Cerebrovascular diseases(I60-I69)	133	0.7	0.6
10	Cerebrovascular diseases(I60-I69)	32	1.3	0.2	10	Human immunodeficiency virus (HIV) disease(B20-B24)	127	0.7	0.6
...	All other causes(residual)	587	23.3	2.8	...	All other causes(residual)	2,997	15.9	13.9

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
All races, both sexes, 25–34 years					All races, both sexes, 55–64 years				
...	All causes	42,502	100.0	102.3	...	All causes	303,307	100.0	871.9
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	14,062	33.1	33.8	1	Malignant neoplasms. (C00–C97)	106,829	35.2	307.1
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	5,320	12.5	12.8	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	67,261	22.2	193.4
3	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	4,222	9.9	10.2	3	Chronic lower respiratory diseases (J40–J47)	14,160	4.7	40.7
4	Malignant neoplasms. (C00–C97)	3,659	8.6	8.8	4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	12,933	4.3	37.2
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	3,174	7.5	7.6	5	Diabetes mellitus (E10–E14)	11,361	3.7	32.7
6	Human immunodeficiency virus (HIV) disease (B20–B24)	881	2.1	2.1	6	Cerebrovascular diseases (I60–I69)	10,523	3.5	30.2
7	Influenza and pneumonia (J09–J18) ⁴	807	1.9	1.9	7	Chronic liver disease and cirrhosis (K70,K73–K74)	9,154	3.0	26.3
8	Diabetes mellitus (E10–E14)	604	1.4	1.5	8	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	5,808	1.9	16.7
9	Cerebrovascular diseases (I60–I69)	537	1.3	1.3	9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	4,792	1.6	13.8
10	Chronic liver disease and cirrhosis (K70,K73–K74)	459	1.1	1.1	10	Septicemia (A40–A41)	4,628	1.5	13.3
...	All other causes (residual)	8,777	20.7	21.1	...	All other causes (residual)	55,858	18.4	160.6
All races, both sexes, 35–44 years					All races, both sexes, 65 years and over				
...	All causes	74,665	100.0	179.8	...	All causes	1,761,937	100.0	4,452.6
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	15,102	20.2	36.4	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	479,150	27.2	1,210.9
2	Malignant neoplasms. (C00–C97)	12,519	16.8	30.1	2	Malignant neoplasms. (C00–C97)	391,035	22.2	988.2
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	11,081	14.8	26.7	3	Chronic lower respiratory diseases (J40–J47)	117,098	6.6	295.9
4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	6,677	8.9	16.1	4	Cerebrovascular diseases (I60–I69)	109,238	6.2	276.1
5	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	2,762	3.7	6.7	5	Alzheimer's disease (G30)	78,168	4.4	197.5
6	Chronic liver disease and cirrhosis (K70,K73–K74)	2,481	3.3	6.0	6	Diabetes mellitus (E10–E14)	48,944	2.8	123.7
7	Human immunodeficiency virus (HIV) disease (B20–B24)	2,425	3.2	5.8	7	Influenza and pneumonia (J09–J18) ⁴	43,469	2.5	109.9
8	Cerebrovascular diseases (I60–I69)	1,916	2.6	4.6	8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	40,465	2.3	102.3
9	Diabetes mellitus (E10–E14)	1,872	2.5	4.5	9	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	39,111	2.2	98.8
10	Influenza and pneumonia (J09–J18) ⁴	1,314	1.8	3.2	10	Septicemia (A40–A41)	26,763	1.5	67.6
...	All other causes (residual)	16,516	22.1	39.8	...	All other causes (residual)	388,496	22.0	981.8
All races, both sexes, 45–54 years					All races, both sexes, 65–74 years				
...	All causes	187,568	100.0	420.6	...	All causes	401,032	100.0	1,928.8
1	Malignant neoplasms. (C00–C97)	50,616	27.0	113.5	1	Malignant neoplasms. (C00–C97)	141,871	35.4	682.3
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	36,927	19.7	82.8	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	89,765	22.4	431.7
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	19,974	10.6	44.8	3	Chronic lower respiratory diseases (J40–J47)	31,314	7.8	150.6
4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	8,598	4.6	19.3	4	Cerebrovascular diseases (I60–I69)	17,578	4.4	84.5
5	Chronic liver disease and cirrhosis (K70,K73–K74)	8,377	4.5	18.8	5	Diabetes mellitus (E10–E14)	14,785	3.7	71.1
6	Cerebrovascular diseases (I60–I69)	6,163	3.3	13.8	6	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	8,940	2.2	43.0
7	Diabetes mellitus (E10–E14)	5,725	3.1	12.8	7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	8,223	2.1	39.5
8	Chronic lower respiratory diseases (J40–J47)	4,664	2.5	10.5	8	Septicemia (A40–A41)	6,662	1.7	32.0
9	Human immunodeficiency virus (HIV) disease (B20–B24)	3,388	1.8	7.6	9	Influenza and pneumonia (J09–J18) ⁴	6,259	1.6	30.1
10	Influenza and pneumonia (J09–J18) ⁴	2,918	1.6	6.5	10	Chronic liver disease and cirrhosis (K70,K73–K74)	5,383	1.3	25.9
...	All other causes (residual)	40,218	21.4	90.2	...	All other causes (residual)	70,252	17.5	337.9

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
All races, both sexes, 75–84 years					All races, male, 1–4 years				
...	All causes	627,727	100.0	4,774.4	...	All causes	2,495	100.0	28.7
1	Malignant neoplasms (C00–C97)	157,960	25.2	1,201.4	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	925	37.1	10.6
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	157,686	25.1	1,199.3	2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	230	9.2	2.6
3	Chronic lower respiratory diseases (J40–J47)	49,021	7.8	372.8	3	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	188	7.5	2.2
4	Cerebrovascular diseases (I60–I69)	38,407	6.1	292.1	4	Malignant neoplasms (C00–C97)	180	7.2	2.1
5	Alzheimer's disease (G30)	23,324	3.7	177.4	5	Diseases of heart (I00–I09,I11,I13,I20–I51)	77	3.1	0.9
6	Diabetes mellitus (E10–E14)	18,991	3.0	144.4	6	Influenza and pneumonia (J09–J18) ⁴	64	2.6	0.7
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	14,993	2.4	114.0	7	Septicemia (A40–A41)	40	1.6	0.5
8	Influenza and pneumonia (J09–J18) ⁴	13,929	2.2	105.9	8	Chronic lower respiratory diseases (J40–J47)	36	1.4	0.4
9	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	13,482	2.1	102.5	9	Certain conditions originating in the perinatal period (P00–P96)	33	1.3	0.4
10	Septicemia (A40–A41)	10,313	1.6	78.4	10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	30	1.2	0.3
...	All other causes (residual)	129,621	20.6	985.9	...	All other causes (residual)	692	27.7	7.9
All races, both sexes, 85 years and over					All races, male, 5–9 years				
...	All causes	733,178	100.0	13,021.2	...	All causes	1,398	100.0	13.3
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	231,699	31.6	4,115.0	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	460	32.9	4.4
2	Malignant neoplasms (C00–C97)	91,204	12.4	1,619.8	2	Malignant neoplasms (C00–C97)	265	19.0	2.5
3	Cerebrovascular diseases (I60–I69)	53,253	7.3	945.8	3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	107	7.7	1.0
4	Alzheimer's disease (G30)	50,735	6.9	901.0	4	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	61	4.4	0.6
5	Chronic lower respiratory diseases (J40–J47)	36,763	5.0	652.9	5	Influenza and pneumonia (J09–J18) ⁴	59	4.2	0.6
6	Influenza and pneumonia (J09–J18) ⁴	23,281	3.2	413.5	6	Diseases of heart (I00–I09,I11,I13,I20–I51)	38	2.7	0.4
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	17,249	2.4	306.3	6	Chronic lower respiratory diseases (J40–J47)	38	2.7	0.4
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	16,689	2.3	296.4	8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	23	1.6	0.2
9	Diabetes mellitus (E10–E14)	15,168	2.1	269.4	9	Cerebrovascular diseases (I60–I69)	18	1.3	*
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	11,165	1.5	198.3	10	Septicemia (A40–A41)	15	1.1	*
...	All other causes (residual)	185,972	25.4	3,302.8	...	All other causes (residual)	314	22.5	3.0
All races, male, all ages ³									
...	All causes	1,217,379	100.0	803.8					
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	307,225	25.2	202.9					
2	Malignant neoplasms (C00–C97)	296,763	24.4	195.9					
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	75,022	6.2	49.5					
4	Chronic lower respiratory diseases (J40–J47)	65,119	5.3	43.0					
5	Cerebrovascular diseases (I60–I69)	52,073	4.3	34.4					
6	Diabetes mellitus (E10–E14)	35,054	2.9	23.1					
7	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	29,089	2.4	19.2					
8	Influenza and pneumonia (J09–J18) ⁴	25,128	2.1	16.6					
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	23,930	2.0	15.8					
10	Alzheimer's disease (G30)	23,900	2.0	15.8					
...	All other causes (residual)	284,076	23.3	187.6					

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
All races, male, 10–14 years					All races, male, 25–34 years				
...	All causes	1,850	100.0	18.1	...	All causes	29,199	100.0	137.6
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	592	32.0	5.8	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	10,532	36.1	49.6
2	Malignant neoplasms (C00–C97)	223	12.1	2.2	2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	4,293	14.7	20.2
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	171	9.2	1.7	3	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	3,481	11.9	16.4
4	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	135	7.3	1.3	4	Diseases of heart (I00–I09,I11,I13,I20–I51)	2,164	7.4	10.2
5	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	99	5.4	1.0	5	Malignant neoplasms (C00–C97)	1,807	6.2	8.5
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	74	4.0	0.7	6	Human immunodeficiency virus (HIV) disease (B20–B24)	561	1.9	2.6
7	Influenza and pneumonia (J09–J18) [†]	55	3.0	0.5	7	Influenza and pneumonia (J09–J18) [†]	422	1.4	2.0
8	Chronic lower respiratory diseases (J40–J47)	39	2.1	0.4	8	Diabetes mellitus (E10–E14)	353	1.2	1.7
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	28	1.5	0.3	9	Chronic liver disease and cirrhosis (K70,K73–K74)	305	1.0	1.4
10	Cerebrovascular diseases (I60–I69)	27	1.5	0.3	10	Cerebrovascular diseases (I60–I69)	298	1.0	1.4
...	All other causes (residual)	407	22.0	4.0	...	All other causes (residual)	4,983	17.1	23.5
All races, male, 15–19 years					All races, male, 35–44 years				
...	All causes	8,176	100.0	74.0	...	All causes	46,555	100.0	223.2
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	3,340	40.9	30.2	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	10,649	22.9	51.1
2	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	1,647	20.1	14.9	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	7,738	16.6	37.1
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1,325	16.2	12.0	3	Malignant neoplasms (C00–C97)	5,398	11.6	25.9
4	Malignant neoplasms (C00–C97)	374	4.6	3.4	4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	5,142	11.0	24.7
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	222	2.7	2.0	5	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	2,122	4.6	10.2
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	127	1.6	1.1	6	Human immunodeficiency virus (HIV) disease (B20–B24)	1,689	3.6	8.1
7	Influenza and pneumonia (J09–J18) [†]	87	1.1	0.8	7	Chronic liver disease and cirrhosis (K70,K73–K74)	1,648	3.5	7.9
8	Chronic lower respiratory diseases (J40–J47)	44	0.5	0.4	8	Diabetes mellitus (E10–E14)	1,208	2.6	5.8
9	Cerebrovascular diseases (I60–I69)	40	0.5	0.4	9	Cerebrovascular diseases (I60–I69)	1,044	2.2	5.0
10	Septicemia (A40–A41)	36	0.4	0.3	10	Influenza and pneumonia (J09–J18) [†]	732	1.6	3.5
...	All other causes (residual)	934	11.4	8.5	...	All other causes (residual)	9,185	19.7	44.0
All races, male, 20–24 years					All races, male, 45–54 years				
...	All causes	14,136	100.0	127.4	...	All causes	114,820	100.0	522.5
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	5,899	41.7	53.2	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	26,432	23.0	120.3
2	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	2,558	18.1	23.1	2	Malignant neoplasms (C00–C97)	25,447	22.2	115.8
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	2,270	16.1	20.5	3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	13,454	11.7	61.2
4	Malignant neoplasms (C00–C97)	619	4.4	5.6	4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	6,469	5.6	29.4
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	465	3.3	4.2	5	Chronic liver disease and cirrhosis (K70,K73–K74)	5,757	5.0	26.2
6	Influenza and pneumonia (J09–J18) [†]	137	1.0	1.2	6	Diabetes mellitus (E10–E14)	3,602	3.1	16.4
7	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	136	1.0	1.2	7	Cerebrovascular diseases (I60–I69)	3,385	2.9	15.4
8	Human immunodeficiency virus (HIV) disease (B20–B24)	81	0.6	0.7	8	Human immunodeficiency virus (HIV) disease (B20–B24)	2,480	2.2	11.3
9	Cerebrovascular diseases (I60–I69)	68	0.5	0.6	9	Chronic lower respiratory diseases (J40–J47)	2,270	2.0	10.3
10	Diabetes mellitus (E10–E14)	64	0.5	0.6	10	Viral hepatitis (B15–B19)	1,805	1.6	8.2
10	Chronic lower respiratory diseases (J40–J47)	64	0.5	0.6	...	All other causes (residual)	23,719	20.7	107.9
...	All other causes (residual)	1,775	12.6	16.0					

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
All races, male, 55–64 years					All races, male, 75–84 years				
...	All causes	184,142	100.0	1,097.3	...	All causes	311,032	100.0	5,709.6
1	Malignant neoplasms (C00–C97)	59,058	32.1	351.9	1	Malignant neoplasms (C00–C97)	83,563	26.9	1,534.0
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	46,802	25.4	278.9	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	82,287	26.5	1,510.5
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	8,960	4.9	53.4	3	Chronic lower respiratory diseases (J40–J47)	23,745	7.6	435.9
4	Chronic lower respiratory diseases (J40–J47)	7,354	4.0	43.8	4	Cerebrovascular diseases (I60–I69)	16,347	5.3	300.1
5	Diabetes mellitus (E10–E14)	6,837	3.7	40.7	5	Diabetes mellitus (E10–E14)	9,057	2.9	166.3
6	Chronic liver disease and cirrhosis (K70,K73–K74)	6,474	3.5	38.6	6	Alzheimer's disease (G30)	8,659	2.8	159.0
7	Cerebrovascular diseases (I60–I69)	5,977	3.2	35.6	7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	7,506	2.4	137.8
8	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	4,457	2.4	26.6	8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	7,273	2.3	133.5
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	2,707	1.5	16.1	9	Influenza and pneumonia (J09–J18) [†]	7,038	2.3	129.2
10	Septicemia (A40–A41)	2,445	1.3	14.6	10	Parkinson's disease (G20–G21)	5,653	1.8	103.8
...	All other causes (residual)	33,071	18.0	197.1	...	All other causes (residual)	59,904	19.3	1,099.7
All races, male, 65 years and over					All races, male, 85 years and over				
...	All causes	799,608	100.0	4,752.9	...	All causes	262,782	100.0	14,740.9
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	222,976	27.9	1,325.4	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	84,387	32.1	4,733.7
2	Malignant neoplasms (C00–C97)	203,343	25.4	1,208.7	2	Malignant neoplasms (C00–C97)	41,860	15.9	2,348.2
3	Chronic lower respiratory diseases (J40–J47)	54,758	6.8	325.5	3	Cerebrovascular diseases (I60–I69)	15,472	5.9	867.9
4	Cerebrovascular diseases (I60–I69)	41,102	5.1	244.3	4	Chronic lower respiratory diseases (J40–J47)	15,296	5.8	858.0
5	Alzheimer's disease (G30)	23,516	2.9	139.8	5	Alzheimer's disease (G30)	13,038	5.0	731.4
6	Diabetes mellitus (E10–E14)	22,949	2.9	136.4	6	Influenza and pneumonia (J09–J18) [†]	9,029	3.4	506.5
7	Influenza and pneumonia (J09–J18) [†]	19,532	2.4	116.1	7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	7,277	2.8	408.2
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	19,477	2.4	115.8	8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	6,594	2.5	369.9
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	19,143	2.4	113.8	9	Diabetes mellitus (E10–E14)	5,597	2.1	314.0
10	Parkinson's disease (G20–G21)	11,740	1.5	69.8	10	Parkinson's disease (G20–G21)	4,485	1.7	251.6
...	All other causes (residual)	161,072	20.1	957.4	...	All other causes (residual)	59,747	22.7	3,351.5
All races, male, 65–74 years					All races, female, all ages ³				
...	All causes	225,794	100.0	2,353.6	...	All causes	1,219,784	100.0	784.1
1	Malignant neoplasms (C00–C97)	77,920	34.5	812.2	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	292,188	24.0	187.8
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	56,302	24.9	586.9	2	Malignant neoplasms (C00–C97)	270,865	22.2	174.1
3	Chronic lower respiratory diseases (J40–J47)	15,717	7.0	163.8	3	Cerebrovascular diseases (I60–I69)	76,769	6.3	49.4
4	Cerebrovascular diseases (I60–I69)	9,283	4.1	96.8	4	Chronic lower respiratory diseases (J40–J47)	72,234	5.9	46.4
5	Diabetes mellitus (E10–E14)	8,295	3.7	86.5	5	Alzheimer's disease (G30)	55,103	4.5	35.4
6	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	5,610	2.5	58.5	6	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	42,999	3.5	27.6
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	4,360	1.9	45.4	7	Diabetes mellitus (E10–E14)	33,651	2.8	21.6
8	Influenza and pneumonia (J09–J18) [†]	3,465	1.5	36.1	8	Influenza and pneumonia (J09–J18) [†]	28,564	2.3	18.4
9	Septicemia (A40–A41)	3,351	1.5	34.9	9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	25,005	2.0	16.1
10	Chronic liver disease and cirrhosis (K70,K73–K74)	3,330	1.5	34.7	10	Septicemia (A40–A41)	19,268	1.6	12.4
...	All other causes (residual)	38,161	16.9	397.8	...	All other causes (residual)	303,138	24.9	194.9

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
All races, female, 1-4 years					All races, female, 15-19 years				
...	All causes	1,955	100.0	23.5	...	All causes	3,344	100.0	31.9
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	541	27.7	6.5	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,467	43.9	14.0
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	234	12.0	2.8	2	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	344	10.3	3.3
3	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	188	9.6	2.3	3	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	272	8.1	2.6
4	Malignant neoplasms (C00-C97)	170	8.7	2.0	4	Malignant neoplasms (C00-C97)	270	8.1	2.6
5	Influenza and pneumonia (J09-J18) ⁴	82	4.2	1.0	5	Diseases of heart (I00-I09,I11,I13,I20-I51)	113	3.4	1.1
6	Diseases of heart (I00-I09,I11,I13,I20-I51)	77	3.9	0.9	6	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	103	3.1	1.0
7	Septicemia (A40-A41)	31	1.6	0.4	7	Influenza and pneumonia (J09-J18) ⁴	76	2.3	0.7
8	Chronic lower respiratory diseases (J40-J47)	30	1.5	0.4	8	Pregnancy, childbirth and the puerperium (O00-O99)	58	1.7	0.6
9	Certain conditions originating in the perinatal period (P00-P96)	25	1.3	0.3	9	Chronic lower respiratory diseases (J40-J47)	42	1.3	0.4
10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	23	1.2	0.3	10	Septicemia (A40-A41)	25	0.7	0.2
10	Cerebrovascular diseases (I60-I69)	23	1.2	0.3	...	All other causes (residual)	574	17.2	5.5
...	All other causes (residual)	531	27.2	6.4	All races, female, 20-24 years				
All races, female, 5-9 years					...	All causes	4,760	100.0	45.6
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	313	27.8	3.1	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,752	36.8	16.8
2	Malignant neoplasms (C00-C97)	212	18.8	2.1	2	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	432	9.1	4.1
3	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	88	7.8	0.9	3	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	385	8.1	3.7
4	Diseases of heart (I00-I09,I11,I13,I20-I51)	59	5.2	0.6	4	Malignant neoplasms (C00-C97)	373	7.8	3.6
5	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	58	5.2	0.6	5	Diseases of heart (I00-I09,I11,I13,I20-I51)	235	4.9	2.2
6	Influenza and pneumonia (J09-J18) ⁴	47	4.2	0.5	6	Pregnancy, childbirth and the puerperium (O00-O99)	169	3.6	1.6
7	Chronic lower respiratory diseases (J40-J47)	26	2.3	0.3	7	Influenza and pneumonia (J09-J18) ⁴	118	2.5	1.1
8	Septicemia (A40-A41)	18	1.6	*	8	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	91	1.9	0.9
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	17	1.5	*	9	Cerebrovascular diseases (I60-I69)	65	1.4	0.6
10	Cerebrovascular diseases (I60-I69)	14	1.2	*	10	Diabetes mellitus (E10-E14)	58	1.2	0.6
...	All other causes (residual)	273	24.3	2.7	...	All other causes (residual)	1,082	22.7	10.4
All races, female, 10-14 years					All races, female, 25-34 years				
...	All causes	1,278	100.0	13.1	...	All causes	13,303	100.0	65.4
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	324	25.4	3.3	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	3,530	26.5	17.4
2	Malignant neoplasms (C00-C97)	196	15.3	2.0	2	Malignant neoplasms (C00-C97)	1,852	13.9	9.1
3	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	88	6.9	0.9	3	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	1,027	7.7	5.0
4	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	70	5.5	0.7	4	Diseases of heart (I00-I09,I11,I13,I20-I51)	1,010	7.6	5.0
5	Influenza and pneumonia (J09-J18) ⁴	67	5.2	0.7	5	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	741	5.6	3.6
6	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	51	4.0	0.5	6	Pregnancy, childbirth and the puerperium (O00-O99)	403	3.0	2.0
7	Diseases of heart (I00-I09,I11,I13,I20-I51)	46	3.6	0.5	7	Influenza and pneumonia (J09-J18) ⁴	385	2.9	1.9
8	Septicemia (A40-A41)	25	2.0	0.3	8	Human immunodeficiency virus (HIV) disease (B20-B24)	320	2.4	1.6
9	Chronic lower respiratory diseases (J40-J47)	20	1.6	0.2	9	Diabetes mellitus (E10-E14)	251	1.9	1.2
10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	17	1.3	*	10	Cerebrovascular diseases (I60-I69)	239	1.8	1.2
...	All other causes (residual)	374	29.3	3.8	...	All other causes (residual)	3,545	26.6	17.4

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
All races, female, 35-44 years					All races, female, 65 years and over				
...	All causes	28,110	100.0	136.0	...	All causes	962,329	100.0	4,230.6
1	Malignant neoplasms (C00-C97)	7,121	25.3	34.4	1	Diseases of heart (I00-I09,I11,I13,I20-I51)	256,174	26.6	1,126.2
2	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	4,453	15.8	21.5	2	Malignant neoplasms (C00-C97)	187,692	19.5	825.1
3	Diseases of heart (I00-I09,I11,I13,I20-I51)	3,343	11.9	16.2	3	Cerebrovascular diseases (I60-I69)	68,136	7.1	299.5
4	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	1,535	5.5	7.4	4	Chronic lower respiratory diseases (J40-J47)	62,340	6.5	274.1
5	Cerebrovascular diseases (I60-I69)	872	3.1	4.2	5	Alzheimer's disease (G30)	54,652	5.7	240.3
6	Chronic liver disease and cirrhosis (K70,K73-K74)	833	3.0	4.0	6	Diabetes mellitus (E10-E14)	25,995	2.7	114.3
7	Human immunodeficiency virus (HIV) disease (B20-B24)	736	2.6	3.6	7	Influenza and pneumonia (J09-J18) ⁴	23,937	2.5	105.2
8	Diabetes mellitus (E10-E14)	664	2.4	3.2	8	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	21,322	2.2	93.7
9	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	640	2.3	3.1	9	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	19,634	2.0	86.3
10	Influenza and pneumonia (J09-J18) ⁴	582	2.1	2.8	10	Septicemia (A40-A41)	15,074	1.6	66.3
...	All other causes (residual)	7,331	26.1	35.5	...	All other causes (residual)	227,373	23.6	999.6
All races, female, 45-54 years					All races, female, 65-74 years				
...	All causes	72,748	100.0	321.6	...	All causes	175,238	100.0	1,564.8
1	Malignant neoplasms (C00-C97)	25,169	34.6	111.3	1	Malignant neoplasms (C00-C97)	63,951	36.5	571.1
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	10,495	14.4	46.4	2	Diseases of heart (I00-I09,I11,I13,I20-I51)	33,463	19.1	298.8
3	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	6,520	9.0	28.8	3	Chronic lower respiratory diseases (J40-J47)	15,597	8.9	139.3
4	Cerebrovascular diseases (I60-I69)	2,778	3.8	12.3	4	Cerebrovascular diseases (I60-I69)	8,295	4.7	74.1
5	Chronic liver disease and cirrhosis (K70,K73-K74)	2,620	3.6	11.6	5	Diabetes mellitus (E10-E14)	6,490	3.7	58.0
6	Chronic lower respiratory diseases (J40-J47)	2,394	3.3	10.6	6	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	3,863	2.2	34.5
7	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	2,129	2.9	9.4	7	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	3,330	1.9	29.7
8	Diabetes mellitus (E10-E14)	2,123	2.9	9.4	8	Septicemia (A40-A41)	3,311	1.9	29.6
9	Influenza and pneumonia (J09-J18) ⁴	1,360	1.9	6.0	9	Influenza and pneumonia (J09-J18) ⁴	2,794	1.6	24.9
10	Septicemia (A40-A41)	1,119	1.5	4.9	10	Alzheimer's disease (G30)	2,290	1.3	20.4
...	All other causes (residual)	16,041	22.1	70.9	...	All other causes (residual)	31,854	18.2	284.4
All races, female, 55-64 years					All races, female, 75-84 years				
...	All causes	119,165	100.0	661.8	...	All causes	316,695	100.0	4,112.7
1	Malignant neoplasms (C00-C97)	47,771	40.1	265.3	1	Diseases of heart (I00-I09,I11,I13,I20-I51)	75,399	23.8	979.2
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	20,459	17.2	113.6	2	Malignant neoplasms (C00-C97)	74,397	23.5	966.1
3	Chronic lower respiratory diseases (J40-J47)	6,806	5.7	37.8	3	Chronic lower respiratory diseases (J40-J47)	25,276	8.0	328.2
4	Cerebrovascular diseases (I60-I69)	4,546	3.8	25.2	4	Cerebrovascular diseases (I60-I69)	22,060	7.0	286.5
5	Diabetes mellitus (E10-E14)	4,524	3.8	25.1	5	Alzheimer's disease (G30)	14,665	4.6	190.4
6	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	3,973	3.3	22.1	6	Diabetes mellitus (E10-E14)	9,934	3.1	129.0
7	Chronic liver disease and cirrhosis (K70,K73-K74)	2,680	2.2	14.9	7	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	7,487	2.4	97.2
8	Septicemia (A40-A41)	2,183	1.8	12.1	8	Influenza and pneumonia (J09-J18) ⁴	6,891	2.2	89.5
9	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	2,085	1.7	11.6	9	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	6,209	2.0	80.6
10	Influenza and pneumonia (J09-J18) ⁴	1,809	1.5	10.0	10	Septicemia (A40-A41)	5,529	1.7	71.8
...	All other causes (residual)	22,329	18.7	124.0	...	All other causes (residual)	68,848	21.7	894.1

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
All races, female, 85 years and over					White, both sexes, 5-9 years				
...	All causes	470,396	100.0	12,224.5	...	All causes	1,767	100.0	11.0
1	Diseases of heart(I00-I09,I11,I13,I20-I51)	147,312	31.3	3,828.3	1	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	533	30.2	3.3
2	Malignant neoplasms.(C00-C97)	49,344	10.5	1,282.3	2	Malignant neoplasms.(C00-C97)	365	20.7	2.3
3	Cerebrovascular diseases(I60-I69)	37,781	8.0	981.8	3	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	146	8.3	0.9
4	Alzheimer's disease(G30)	37,697	8.0	979.7	4	Influenza and pneumonia(J09-J18) ⁴	74	4.2	0.5
5	Chronic lower respiratory diseases(J40-J47)	21,467	4.6	557.9	5	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	73	4.1	0.5
6	Influenza and pneumonia(J09-J18) ⁴	14,252	3.0	370.4	6	Diseases of heart(I00-I09,I11,I13,I20-I51)	65	3.7	0.4
7	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	10,095	2.1	262.3	7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00-D48)	29	1.6	0.2
8	Nephritis, nephrotic syndrome and nephrosis(N00-N07,N17-N19,N25-N27)	9,972	2.1	259.1	8	Chronic lower respiratory diseases(J40-J47)	26	1.5	0.2
9	Diabetes mellitus(E10-E14)	9,571	2.0	248.7	9	Septicemia(A40-A41)	21	1.2	0.1
10	Essential hypertension and hypertensive renal disease(I10,I12,I15)	8,038	1.7	208.9	9	Cerebrovascular diseases(I60-I69)	21	1.2	0.1
...	All other causes(residual)	124,867	26.5	3,245.0	...	All other causes(residual)	414	23.4	2.6
White, both sexes, all ages ³					White, both sexes, 10-14 years				
...	All causes	2,086,355	100.0	844.8	...	All causes	2,238	100.0	14.4
1	Diseases of heart(I00-I09,I11,I13,I20-I51)	515,587	24.7	208.8	1	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	686	30.7	4.4
2	Malignant neoplasms.(C00-C97)	486,995	23.3	197.2	2	Malignant neoplasms.(C00-C97)	338	15.1	2.2
3	Chronic lower respiratory diseases(J40-J47)	126,733	6.1	51.3	3	Intentional self-harm (suicide)(*U03,X60-X84,Y87.0)	198	8.8	1.3
4	Cerebrovascular diseases(I60-I69)	108,764	5.2	44.0	4	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	113	5.0	0.7
5	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	102,170	4.9	41.4	5	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	112	5.0	0.7
6	Alzheimer's disease(G30)	72,696	3.5	29.4	6	Influenza and pneumonia(J09-J18) ⁴	91	4.1	0.6
7	Diabetes mellitus(E10-E14)	54,113	2.6	21.9	7	Diseases of heart(I00-I09,I11,I13,I20-I51)	67	3.0	0.4
8	Influenza and pneumonia(J09-J18) ⁴	46,432	2.2	18.8	8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00-D48)	34	1.5	0.2
9	Nephritis, nephrotic syndrome and nephrosis(N00-N07,N17-N19,N25-N27)	38,758	1.9	15.7	9	Cerebrovascular diseases(I60-I69)	32	1.4	0.2
10	Intentional self-harm (suicide)(*U03,X60-X84,Y87.0)	33,425	1.6	13.5	10	Septicemia(A40-A41)	22	1.0	0.1
...	All other causes(residual)	500,682	24.0	202.7	...	All other causes(residual)	545	24.4	3.5
White, both sexes, 1-4 years					White, both sexes, 15-19 years				
...	All causes	3,141	100.0	24.1	...	All causes	8,401	100.0	50.5
1	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	1,082	34.4	8.3	1	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	4,000	47.6	24.0
2	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	350	11.1	2.7	2	Intentional self-harm (suicide)(*U03,X60-X84,Y87.0)	1,389	16.5	8.3
3	Malignant neoplasms.(C00-C97)	274	8.7	2.1	3	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	780	9.3	4.7
4	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	211	6.7	1.6	4	Malignant neoplasms.(C00-C97)	489	5.8	2.9
5	Influenza and pneumonia(J09-J18) ⁴	108	3.4	0.8	5	Diseases of heart(I00-I09,I11,I13,I20-I51)	210	2.5	1.3
6	Diseases of heart(I00-I09,I11,I13,I20-I51)	96	3.1	0.7	6	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	160	1.9	1.0
7	Septicemia(A40-A41)	47	1.5	0.4	7	Influenza and pneumonia(J09-J18) ⁴	123	1.5	0.7
8	Cerebrovascular diseases(I60-I69)	38	1.2	0.3	8	Chronic lower respiratory diseases(J40-J47)	47	0.6	0.3
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00-D48)	37	1.2	0.3	9	Septicemia(A40-A41)	43	0.5	0.3
10	Certain conditions originating in the perinatal period(P00-P96)	36	1.1	0.3	9	Cerebrovascular diseases(I60-I69)	43	0.5	0.3
...	All other causes(residual)	862	27.4	6.6	...	All other causes(residual)	1,117	13.3	6.7

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
White, both sexes, 20–24 years					White, both sexes, 45–54 years				
...	All causes	13,840	100.0	82.2	...	All causes	146,108	100.0	399.8
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	6,526	47.2	38.8	1	Malignant neoplasms. (C00–C97)	40,200	27.5	110.0
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	2,230	16.1	13.2	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	27,693	19.0	75.8
3	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	1,122	8.1	6.7	3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	17,002	11.6	46.5
4	Malignant neoplasms. (C00–C97)	767	5.5	4.6	4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	7,987	5.5	21.9
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	433	3.1	2.6	5	Chronic liver disease and cirrhosis (K70,K73–K74)	7,215	4.9	19.7
6	Influenza and pneumonia (J09–J18) ⁴	185	1.3	1.1	6	Diabetes mellitus (E10–E14)	4,166	2.9	11.4
7	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	180	1.3	1.1	7	Cerebrovascular diseases (I60–I69)	4,055	2.8	11.1
8	Pregnancy, childbirth and the puerperium (O00–O99)	97	0.7	0.6	8	Chronic lower respiratory diseases (J40–J47)	3,870	2.6	10.6
9	Cerebrovascular diseases (I60–I69)	94	0.7	0.6	9	Influenza and pneumonia (J09–J18) ⁴	2,268	1.6	6.2
10	Diabetes mellitus (E10–E14)	84	0.6	0.5	10	Viral hepatitis (B15–B19)	2,150	1.5	5.9
...	All other causes (residual)	2,122	15.3	12.6	...	All other causes (residual)	29,502	20.2	80.7
White, both sexes, 25–34 years					White, both sexes, 55–64 years				
...	All causes	31,489	100.0	97.0	...	All causes	243,809	100.0	832.4
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	11,912	37.8	36.7	1	Malignant neoplasms. (C00–C97)	87,770	36.0	299.7
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	4,569	14.5	14.1	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	52,502	21.5	179.3
3	Malignant neoplasms. (C00–C97)	2,822	9.0	8.7	3	Chronic lower respiratory diseases (J40–J47)	12,601	5.2	43.0
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	2,072	6.6	6.4	4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	10,949	4.5	37.4
5	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	1,765	5.6	5.4	5	Diabetes mellitus (E10–E14)	8,453	3.5	28.9
6	Influenza and pneumonia (J09–J18) ⁴	610	1.9	1.9	6	Chronic liver disease and cirrhosis (K70,K73–K74)	7,942	3.3	27.1
7	Diabetes mellitus (E10–E14)	394	1.3	1.2	7	Cerebrovascular diseases (I60–I69)	7,424	3.0	25.3
8	Chronic liver disease and cirrhosis (K70,K73–K74)	365	1.2	1.1	8	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	5,464	2.2	18.7
9	Cerebrovascular diseases (I60–I69)	360	1.1	1.1	9	Septicemia (A40–A41)	3,438	1.4	11.7
10	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	313	1.0	1.0	10	Influenza and pneumonia (J09–J18) ⁴	3,342	1.4	11.4
...	All other causes (residual)	6,307	20.0	19.4	...	All other causes (residual)	43,924	18.0	150.0
White, both sexes, 35–44 years					White, both sexes, 65 years and over				
...	All causes	56,337	100.0	171.0	...	All causes	1,562,192	100.0	4,534.0
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	12,774	22.7	38.8	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	424,417	27.2	1,231.8
2	Malignant neoplasms. (C00–C97)	9,692	17.2	29.4	2	Malignant neoplasms. (C00–C97)	344,214	22.0	999.0
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	7,765	13.8	23.6	3	Chronic lower respiratory diseases (J40–J47)	109,371	7.0	317.4
4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	6,016	10.7	18.3	4	Cerebrovascular diseases (I60–I69)	95,353	6.1	276.7
5	Chronic liver disease and cirrhosis (K70,K73–K74)	2,094	3.7	6.4	5	Alzheimer's disease (G30)	71,946	4.6	208.8
6	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	1,456	2.6	4.4	6	Diabetes mellitus (E10–E14)	39,704	2.5	115.2
7	Diabetes mellitus (E10–E14)	1,260	2.2	3.8	7	Influenza and pneumonia (J09–J18) ⁴	38,495	2.5	111.7
8	Cerebrovascular diseases (I60–I69)	1,243	2.2	3.8	8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	35,929	2.3	104.3
9	Human immunodeficiency virus (HIV) disease (B20–B24)	998	1.8	3.0	9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	33,361	2.1	96.8
10	Influenza and pneumonia (J09–J18) ⁴	985	1.7	3.0	10	Septicemia (A40–A41)	22,255	1.4	64.6
...	All other causes (residual)	12,054	21.4	36.6	...	All other causes (residual)	347,147	22.2	1,007.5

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
White, both sexes, 65–74 years					White, male, all ages ³				
...	All causes	338,048	100.0	1,892.9	...	All causes	1,037,475	100.0	846.5
1	Malignant neoplasms. (C00–C97)	121,630	36.0	681.1	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	263,976	25.4	215.4
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	73,724	21.8	412.8	2	Malignant neoplasms. (C00–C97)	255,042	24.6	208.1
3	Chronic lower respiratory diseases (J40–J47)	28,834	8.5	161.5	3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	64,501	6.2	52.6
4	Cerebrovascular diseases (I60–I69)	13,875	4.1	77.7	4	Chronic lower respiratory diseases (J40–J47)	59,465	5.7	48.5
5	Diabetes mellitus (E10–E14)	11,407	3.4	63.9	5	Cerebrovascular diseases (I60–I69)	43,190	4.2	35.2
6	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	7,827	2.3	43.8	6	Diabetes mellitus (E10–E14)	28,205	2.7	23.0
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	6,002	1.8	33.6	7	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	26,426	2.5	21.6
8	Septicemia (A40–A41)	5,205	1.5	29.1	8	Alzheimer's disease (G30)	22,066	2.1	18.0
9	Influenza and pneumonia (J09–J18) ⁴	5,202	1.5	29.1	9	Influenza and pneumonia (J09–J18) ⁴	21,614	2.1	17.6
10	Chronic liver disease and cirrhosis (K70,K73–K74)	4,843	1.4	27.1	10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	19,312	1.9	15.8
...	All other causes (residual)	59,499	17.6	333.2	...	All other causes (residual)	233,678	22.5	190.7
White, both sexes, 75–84 years					White, male, 1–4 years				
...	All causes	555,168	100.0	4,818.6	...	All causes	1,780	100.0	26.7
1	Malignant neoplasms. (C00–C97)	140,078	25.2	1,215.8	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	698	39.2	10.5
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	138,425	24.9	1,201.5	2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	169	9.5	2.5
3	Chronic lower respiratory diseases (J40–J47)	45,982	8.3	399.1	3	Malignant neoplasms. (C00–C97)	147	8.3	2.2
4	Cerebrovascular diseases (I60–I69)	33,143	6.0	287.7	4	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	100	5.6	1.5
5	Alzheimer's disease (G30)	21,271	3.8	184.6	5	Diseases of heart (I00–I09,I11,I13,I20–I51)	52	2.9	0.8
6	Diabetes mellitus (E10–E14)	15,475	2.8	134.3	6	Influenza and pneumonia (J09–J18) ⁴	47	2.6	0.7
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	12,376	2.2	107.4	7	Septicemia (A40–A41)	29	1.6	0.4
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	12,274	2.2	106.5	8	Certain conditions originating in the perinatal period (P00–P96)	21	1.2	0.3
9	Influenza and pneumonia (J09–J18) ⁴	12,201	2.2	105.9	9	Cerebrovascular diseases (I60–I69)	20	1.1	0.3
10	Parkinson's disease (G20–G21)	8,708	1.6	75.6	10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	19	1.1	*
...	All other causes (residual)	115,235	20.8	1,000.2	...	All other causes (residual)	478	26.9	7.2
White, both sexes, 85 years and over					White, male, 5–9 years				
...	All causes	668,976	100.0	13,184.0	...	All causes	993	100.0	12.1
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	212,268	31.7	4,183.3	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	319	32.1	3.9
2	Malignant neoplasms. (C00–C97)	82,506	12.3	1,626.0	2	Malignant neoplasms. (C00–C97)	209	21.0	2.6
3	Cerebrovascular diseases (I60–I69)	48,335	7.2	952.6	3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	84	8.5	1.0
4	Alzheimer's disease (G30)	47,002	7.0	926.3	4	Influenza and pneumonia (J09–J18) ⁴	41	4.1	0.5
5	Chronic lower respiratory diseases (J40–J47)	34,555	5.2	681.0	5	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	38	3.8	0.5
6	Influenza and pneumonia (J09–J18) ⁴	21,092	3.2	415.7	6	Diseases of heart (I00–I09,I11,I13,I20–I51)	24	2.4	0.3
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	15,726	2.4	309.9	7	Chronic lower respiratory diseases (J40–J47)	18	1.8	*
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	15,085	2.3	297.3	8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	13	1.3	*
9	Diabetes mellitus (E10–E14)	12,822	1.9	252.7	9	Cerebrovascular diseases (I60–I69)	12	1.2	*
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	9,595	1.4	189.1	10	Septicemia (A40–A41)	7	0.7	*
...	All other causes (residual)	169,990	25.4	3,350.1	...	All other causes (residual)	228	23.0	2.8

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
White, male, 10–14 years					White, male, 25–34 years				
...	All causes	1,321	100.0	16.6	...	All causes	21,780	100.0	130.0
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	442	33.5	5.6	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	8,930	41.0	53.3
2	Malignant neoplasms (C00–C97)	181	13.7	2.3	2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	3,715	17.1	22.2
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	129	9.8	1.6	3	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,466	6.7	8.7
4	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	77	5.8	1.0	4	Malignant neoplasms (C00–C97)	1,423	6.5	8.5
5	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	63	4.8	0.8	5	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	1,334	6.1	8.0
6	Influenza and pneumonia (J09–J18) [†]	43	3.3	0.5	6	Influenza and pneumonia (J09–J18) [†]	335	1.5	2.0
7	Diseases of heart (I00–I09,I11,I13,I20–I51)	42	3.2	0.5	7	Chronic liver disease and cirrhosis (K70,K73–K74)	249	1.1	1.5
8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	23	1.7	0.3	8	Diabetes mellitus (E10–E14)	228	1.0	1.4
9	Cerebrovascular diseases (I60–I69)	20	1.5	0.3	9	Human immunodeficiency virus (HIV) disease (B20–B24)	203	0.9	1.2
10	Chronic lower respiratory diseases (J40–J47)	10	0.8	*	9	Cerebrovascular diseases (I60–I69)	203	0.9	1.2
...	All other causes (residual)	291	22.0	3.7	...	All other causes (residual)	3,694	17.0	22.0
White, male, 15–19 years					White, male, 35–44 years				
...	All causes	5,862	100.0	68.5	...	All causes	35,627	100.0	212.5
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	2,782	47.5	32.5	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	8,994	25.2	53.7
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1,113	19.0	13.0	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	5,549	15.6	33.1
3	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	638	10.9	7.5	3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	4,627	13.0	27.6
4	Malignant neoplasms (C00–C97)	281	4.8	3.3	4	Malignant neoplasms (C00–C97)	4,260	12.0	25.4
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	138	2.4	1.6	5	Chronic liver disease and cirrhosis (K70,K73–K74)	1,410	4.0	8.4
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	85	1.5	1.0	6	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	1,037	2.9	6.2
7	Influenza and pneumonia (J09–J18) [†]	69	1.2	0.8	7	Diabetes mellitus (E10–E14)	819	2.3	4.9
8	Cerebrovascular diseases (I60–I69)	30	0.5	0.4	8	Human immunodeficiency virus (HIV) disease (B20–B24)	802	2.3	4.8
9	Septicemia (A40–A41)	29	0.5	0.3	9	Cerebrovascular diseases (I60–I69)	684	1.9	4.1
10	Chronic lower respiratory diseases (J40–J47)	24	0.4	0.3	10	Influenza and pneumonia (J09–J18) [†]	565	1.6	3.4
...	All other causes (residual)	673	11.5	7.9	...	All other causes (residual)	6,880	19.3	41.0
White, male, 20–24 years					White, male, 45–54 years				
...	All causes	10,381	100.0	119.3	...	All causes	90,871	100.0	498.9
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	5,080	48.9	58.4	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	20,454	22.5	112.3
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1,899	18.3	21.8	2	Malignant neoplasms (C00–C97)	20,344	22.4	111.7
3	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	925	8.9	10.6	3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	11,434	12.6	62.8
4	Malignant neoplasms (C00–C97)	495	4.8	5.7	4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	6,031	6.6	33.1
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	291	2.8	3.3	5	Chronic liver disease and cirrhosis (K70,K73–K74)	5,013	5.5	27.5
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	109	1.0	1.3	6	Diabetes mellitus (E10–E14)	2,676	2.9	14.7
7	Influenza and pneumonia (J09–J18) [†]	100	1.0	1.1	7	Cerebrovascular diseases (I60–I69)	2,291	2.5	12.6
8	Cerebrovascular diseases (I60–I69)	49	0.5	0.6	8	Chronic lower respiratory diseases (J40–J47)	1,896	2.1	10.4
9	Diabetes mellitus (E10–E14)	43	0.4	0.5	9	Viral hepatitis (B15–B19)	1,517	1.7	8.3
10	Septicemia (A40–A41)	37	0.4	0.4	10	Influenza and pneumonia (J09–J18) [†]	1,222	1.3	6.7
...	All other causes (residual)	1,353	13.0	15.5	...	All other causes (residual)	17,993	19.8	98.8

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
White, male, 55-64 years					White, male, 75-84 years				
...	All causes	149,005	100.0	1,042.0	...	All causes	277,531	100.0	5,750.3
1	Malignant neoplasms. (C00-C97)	48,484	32.5	339.1	1	Malignant neoplasms. (C00-C97)	74,413	26.8	1,541.8
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	37,375	25.1	261.4	2	Diseases of heart (I00-I09,I11,I13,I20-I51)	73,348	26.4	1,519.7
3	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	7,563	5.1	52.9	3	Chronic lower respiratory diseases (J40-J47)	22,069	8.0	457.3
4	Chronic lower respiratory diseases (J40-J47)	6,495	4.4	45.4	4	Cerebrovascular diseases (I60-I69)	14,168	5.1	293.6
5	Chronic liver disease and cirrhosis (K70,K73-K74)	5,651	3.8	39.5	5	Alzheimer's disease (G30)	7,929	2.9	164.3
6	Diabetes mellitus (E10-E14)	5,241	3.5	36.7	6	Diabetes mellitus (E10-E14)	7,665	2.8	158.8
7	Cerebrovascular diseases (I60-I69)	4,229	2.8	29.6	7	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	6,675	2.4	138.3
8	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	4,191	2.8	29.3	8	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	6,326	2.3	131.1
9	Influenza and pneumonia (J09-J18) ⁴	1,878	1.3	13.1	9	Influenza and pneumonia (J09-J18) ⁴	6,163	2.2	127.7
10	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	1,864	1.3	13.0	10	Parkinson's disease (G20-G21)	5,356	1.9	111.0
...	All other causes (residual)	26,034	17.5	182.1	...	All other causes (residual)	53,419	19.2	1,106.8
White, male, 65 years and over					White, male, 85 years and over				
...	All causes	710,286	100.0	4,809.5	...	All causes	241,261	100.0	14,949.1
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	198,438	27.9	1,343.7	1	Diseases of heart (I00-I09,I11,I13,I20-I51)	78,091	32.4	4,838.7
2	Malignant neoplasms. (C00-C97)	179,182	25.2	1,213.3	2	Malignant neoplasms. (C00-C97)	37,888	15.7	2,347.6
3	Chronic lower respiratory diseases (J40-J47)	50,650	7.1	343.0	3	Chronic lower respiratory diseases (J40-J47)	14,238	5.9	882.2
4	Cerebrovascular diseases (I60-I69)	35,595	5.0	241.0	4	Cerebrovascular diseases (I60-I69)	14,072	5.8	871.9
5	Alzheimer's disease (G30)	21,730	3.1	147.1	5	Alzheimer's disease (G30)	12,175	5.0	754.4
6	Diabetes mellitus (E10-E14)	19,167	2.7	129.8	6	Influenza and pneumonia (J09-J18) ⁴	8,190	3.4	507.5
7	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	17,791	2.5	120.5	7	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	6,551	2.7	405.9
8	Influenza and pneumonia (J09-J18) ⁴	17,218	2.4	116.6	8	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	6,211	2.6	384.8
9	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	16,163	2.3	109.4	9	Diabetes mellitus (E10-E14)	4,903	2.0	303.8
10	Parkinson's disease (G20-G21)	11,101	1.6	75.2	10	Parkinson's disease (G20-G21)	4,271	1.8	264.6
...	All other causes (residual)	143,251	20.2	970.0	...	All other causes (residual)	54,671	22.7	3,387.5
White, male, 65-74 years					White, female, all ages ³				
...	All causes	191,494	100.0	2,299.3	...	All causes	1,048,880	100.0	843.0
1	Malignant neoplasms. (C00-C97)	66,881	34.9	803.1	1	Diseases of heart (I00-I09,I11,I13,I20-I51)	251,611	24.0	202.2
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	46,999	24.5	564.3	2	Malignant neoplasms. (C00-C97)	231,953	22.1	186.4
3	Chronic lower respiratory diseases (J40-J47)	14,343	7.5	172.2	3	Chronic lower respiratory diseases (J40-J47)	67,268	6.4	54.1
4	Cerebrovascular diseases (I60-I69)	7,355	3.8	88.3	4	Cerebrovascular diseases (I60-I69)	65,574	6.3	52.7
5	Diabetes mellitus (E10-E14)	6,599	3.4	79.2	5	Alzheimer's disease (G30)	50,630	4.8	40.7
6	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	4,905	2.6	58.9	6	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	37,669	3.6	30.3
7	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	3,286	1.7	39.5	7	Diabetes mellitus (E10-E14)	25,908	2.5	20.8
8	Chronic liver disease and cirrhosis (K70,K73-K74)	3,012	1.6	36.2	8	Influenza and pneumonia (J09-J18) ⁴	24,818	2.4	19.9
9	Influenza and pneumonia (J09-J18) ⁴	2,865	1.5	34.4	9	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	19,446	1.9	15.6
10	Septicemia (A40-A41)	2,650	1.4	31.8	10	Septicemia (A40-A41)	15,403	1.5	12.4
...	All other causes (residual)	32,599	17.0	391.4	...	All other causes (residual)	258,600	24.7	207.8

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
White, female, 1-4 years					White, female, 15-19 years				
...	All causes	1,361	100.0	21.4	...	All causes	2,539	100.0	31.4
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	384	28.2	6.0	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,218	48.0	15.1
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	181	13.3	2.8	3	Malignant neoplasms (C00-C97)	208	8.2	2.6
3	Malignant neoplasms (C00-C97)	127	9.3	2.0	4	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	142	5.6	1.8
4	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	111	8.2	1.7	5	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	75	3.0	0.9
5	Influenza and pneumonia (J09-J18) ⁴	61	4.5	1.0	6	Diseases of heart (I00-I09,I11,I13,I20-I51)	72	2.8	0.9
6	Diseases of heart (I00-I09,I11,I13,I20-I51)	44	3.2	0.7	7	Influenza and pneumonia (J09-J18) ⁴	54	2.1	0.7
7	Septicemia (A40-A41)	18	1.3	*	8	Pregnancy, childbirth and the puerperium (O00-O99)	36	1.4	0.4
7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	18	1.3	*	9	Chronic lower respiratory diseases (J40-J47)	23	0.9	0.3
7	Cerebrovascular diseases (I60-I69)	18	1.3	*	10	Septicemia (A40-A41)	14	0.6	*
10	Certain conditions originating in the perinatal period (P00-P96)	15	1.1	*	...	All other causes (residual)	421	16.6	5.2
...	All other causes (residual)	384	28.2	6.0	White, female, 20-24 years				
White, female, 5-9 years					...	All causes	3,459	100.0	42.6
...	All causes	774	100.0	9.9	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,446	41.8	17.8
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	214	27.6	2.7	2	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	331	9.6	4.1
2	Malignant neoplasms (C00-C97)	156	20.2	2.0	3	Malignant neoplasms (C00-C97)	272	7.9	3.3
3	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	62	8.0	0.8	4	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	197	5.7	2.4
4	Diseases of heart (I00-I09,I11,I13,I20-I51)	41	5.3	0.5	5	Diseases of heart (I00-I09,I11,I13,I20-I51)	142	4.1	1.7
5	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	35	4.5	0.4	6	Pregnancy, childbirth and the puerperium (O00-O99)	97	2.8	1.2
6	Influenza and pneumonia (J09-J18) ⁴	33	4.3	0.4	7	Influenza and pneumonia (J09-J18) ⁴	85	2.5	1.0
7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	16	2.1	*	8	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	71	2.1	0.9
8	Septicemia (A40-A41)	14	1.8	*	9	Cerebrovascular diseases (I60-I69)	45	1.3	0.6
9	Cerebrovascular diseases (I60-I69)	9	1.2	*	10	Diabetes mellitus (E10-E14)	41	1.2	0.5
10	Chronic lower respiratory diseases (J40-J47)	8	1.0	*	...	All other causes (residual)	732	21.2	9.0
...	All other causes (residual)	186	24.0	2.4	White, female, 25-34 years				
White, female, 10-14 years					...	All causes	9,709	100.0	61.8
...	All causes	917	100.0	12.1	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	2,982	30.7	19.0
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	244	26.6	3.2	2	Malignant neoplasms (C00-C97)	1,399	14.4	8.9
2	Malignant neoplasms (C00-C97)	157	17.1	2.1	3	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	854	8.8	5.4
3	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	69	7.5	0.9	4	Diseases of heart (I00-I09,I11,I13,I20-I51)	606	6.2	3.9
4	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	50	5.5	0.7	5	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	431	4.4	2.7
5	Influenza and pneumonia (J09-J18) ⁴	48	5.2	0.6	6	Influenza and pneumonia (J09-J18) ⁴	275	2.8	1.7
6	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	35	3.8	0.5	7	Pregnancy, childbirth and the puerperium (O00-O99)	250	2.6	1.6
7	Diseases of heart (I00-I09,I11,I13,I20-I51)	25	2.7	0.3	8	Diabetes mellitus (E10-E14)	166	1.7	1.1
8	Septicemia (A40-A41)	15	1.6	*	9	Cerebrovascular diseases (I60-I69)	157	1.6	1.0
9	Cerebrovascular diseases (I60-I69)	12	1.3	*	10	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	128	1.3	0.8
10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	11	1.2	*	...	All other causes (residual)	2,461	25.3	15.7
...	All other causes (residual)	251	27.4	3.3					

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
White, female, 35-44 years					White, female, 65 years and over				
...	All causes	20,710	100.0	127.9	...	All causes	851,906	100.0	4,327.4
1	Malignant neoplasms. (C00-C97)	5,432	26.2	33.5	1	Diseases of heart (I00-I09,I11,I13,I20-I51)	225,979	26.5	1,147.9
2	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	3,780	18.3	23.3	2	Malignant neoplasms. (C00-C97)	165,032	19.4	838.3
3	Diseases of heart (I00-I09,I11,I13,I20-I51)	2,216	10.7	13.7	3	Cerebrovascular diseases (I60-I69)	59,758	7.0	303.6
4	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	1,389	6.7	8.6	4	Chronic lower respiratory diseases (J40-J47)	58,721	6.9	298.3
5	Chronic liver disease and cirrhosis (K70,K73-K74)	684	3.3	4.2	5	Alzheimer's disease (G30)	50,216	5.9	255.1
6	Cerebrovascular diseases (I60-I69)	559	2.7	3.5	6	Influenza and pneumonia (J09-J18) ⁴	21,277	2.5	108.1
7	Diabetes mellitus (E10-E14)	441	2.1	2.7	7	Diabetes mellitus (E10-E14)	20,537	2.4	104.3
8	Influenza and pneumonia (J09-J18) ⁴	420	2.0	2.6	8	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	18,138	2.1	92.1
9	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	419	2.0	2.6	9	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	17,198	2.0	87.4
10	Septicemia (A40-A41)	307	1.5	1.9	10	Septicemia (A40-A41)	12,439	1.5	63.2
...	All other causes (residual)	5,063	24.4	31.3	...	All other causes (residual)	202,611	23.8	1,029.2
White, female, 45-54 years					White, female, 65-74 years				
...	All causes	55,237	100.0	301.4	...	All causes	146,554	100.0	1,537.7
1	Malignant neoplasms. (C00-C97)	19,856	35.9	108.3	1	Malignant neoplasms. (C00-C97)	54,749	37.4	574.4
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	7,239	13.1	39.5	2	Diseases of heart (I00-I09,I11,I13,I20-I51)	26,725	18.2	280.4
3	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	5,568	10.1	30.4	3	Chronic lower respiratory diseases (J40-J47)	14,491	9.9	152.0
4	Chronic liver disease and cirrhosis (K70,K73-K74)	2,202	4.0	12.0	4	Cerebrovascular diseases (I60-I69)	6,520	4.4	68.4
5	Chronic lower respiratory diseases (J40-J47)	1,974	3.6	10.8	5	Diabetes mellitus (E10-E14)	4,808	3.3	50.4
6	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	1,956	3.5	10.7	6	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	2,922	2.0	30.7
7	Cerebrovascular diseases (I60-I69)	1,764	3.2	9.6	7	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	2,716	1.9	28.5
8	Diabetes mellitus (E10-E14)	1,490	2.7	8.1	8	Septicemia (A40-A41)	2,555	1.7	26.8
9	Influenza and pneumonia (J09-J18) ⁴	1,046	1.9	5.7	9	Influenza and pneumonia (J09-J18) ⁴	2,337	1.6	24.5
10	Septicemia (A40-A41)	771	1.4	4.2	10	Alzheimer's disease (G30)	2,047	1.4	21.5
...	All other causes (residual)	11,371	20.6	62.0	...	All other causes (residual)	26,684	18.2	280.0
White, female, 55-64 years					White, female, 75-84 years				
...	All causes	94,804	100.0	632.5	...	All causes	277,637	100.0	4,146.9
1	Malignant neoplasms. (C00-C97)	39,286	41.4	262.1	1	Malignant neoplasms. (C00-C97)	65,665	23.7	980.8
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	15,127	16.0	100.9	2	Diseases of heart (I00-I09,I11,I13,I20-I51)	65,077	23.4	972.0
3	Chronic lower respiratory diseases (J40-J47)	6,106	6.4	40.7	3	Chronic lower respiratory diseases (J40-J47)	23,913	8.6	357.2
4	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	3,386	3.6	22.6	4	Cerebrovascular diseases (I60-I69)	18,975	6.8	283.4
5	Diabetes mellitus (E10-E14)	3,212	3.4	21.4	5	Alzheimer's disease (G30)	13,342	4.8	199.3
6	Cerebrovascular diseases (I60-I69)	3,195	3.4	21.3	6	Diabetes mellitus (E10-E14)	7,810	2.8	116.7
7	Chronic liver disease and cirrhosis (K70,K73-K74)	2,291	2.4	15.3	7	Influenza and pneumonia (J09-J18) ⁴	6,038	2.2	90.2
8	Septicemia (A40-A41)	1,624	1.7	10.8	8	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	5,948	2.1	88.8
9	Influenza and pneumonia (J09-J18) ⁴	1,464	1.5	9.8	9	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	5,701	2.1	85.2
10	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	1,354	1.4	9.0	10	Septicemia (A40-A41)	4,555	1.6	68.0
...	All other causes (residual)	17,759	18.7	118.5	...	All other causes (residual)	60,613	21.8	905.3

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Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
White, female, 85 years and over					Black, both sexes, 5-9 years				
...	All causes	427,715	100.0	12,360.7	...	All causes	582	100.0	18.1
1	Diseases of heart(I00-I09,I11,I13,I20-I51)	134,177	31.4	3,877.6	1	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	189	32.5	5.9
2	Malignant neoplasms(C00-C97)	44,618	10.4	1,289.4	2	Malignant neoplasms(C00-C97)	80	13.7	2.5
3	Alzheimer's disease(G30)	34,827	8.1	1,006.5	3	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	41	7.0	1.3
4	Cerebrovascular diseases(I60-I69)	34,263	8.0	990.2	4	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	38	6.5	1.2
5	Chronic lower respiratory diseases(J40-J47)	20,317	4.8	587.2	5	Chronic lower respiratory diseases(J40-J47)	32	5.5	1.0
6	Influenza and pneumonia(J09-J18) ⁴	12,902	3.0	372.9	6	Diseases of heart(I00-I09,I11,I13,I20-I51)	23	4.0	0.7
7	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	9,515	2.2	275.0	6	Influenza and pneumonia(J09-J18) ⁴	23	4.0	0.7
8	Nephritis, nephrotic syndrome and nephrosis(N00-N07,N17-N19,N25-N27)	8,534	2.0	246.6	8	Septicemia(A40-A41)	10	1.7	*
9	Diabetes mellitus(E10-E14)	7,919	1.9	228.9	8	Cerebrovascular diseases(I60-I69)	10	1.7	*
10	Essential hypertension and hypertensive renal disease(I10,I12,I15)	6,888	1.6	199.1	10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00-D48)	9	1.5	*
...	All other causes(residual)	113,755	26.6	3,287.5	...	All other causes(residual)	127	21.8	4.0
Black, both sexes, all ages ³					Black, both sexes, 10-14 years				
...	All causes	286,623	100.0	699.1	...	All causes	718	100.0	22.3
1	Diseases of heart(I00-I09,I11,I13,I20-I51)	69,687	24.3	170.0	1	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	196	27.3	6.1
2	Malignant neoplasms(C00-C97)	64,649	22.6	157.7	2	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	67	9.3	2.1
3	Cerebrovascular diseases(I60-I69)	15,878	5.5	38.7	3	Malignant neoplasms(C00-C97)	53	7.4	1.6
4	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	12,074	4.2	29.4	4	Intentional self-harm (suicide)(*U03,X60-X84,Y87.0)	47	6.5	1.5
5	Diabetes mellitus(E10-E14)	11,960	4.2	29.2	5	Chronic lower respiratory diseases(J40-J47)	43	6.0	1.3
6	Nephritis, nephrotic syndrome and nephrosis(N00-N07,N17-N19,N25-N27)	8,808	3.1	21.5	5	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	43	6.0	1.3
7	Chronic lower respiratory diseases(J40-J47)	8,530	3.0	20.8	7	Diseases of heart(I00-I09,I11,I13,I20-I51)	41	5.7	1.3
8	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	7,874	2.7	19.2	8	Influenza and pneumonia(J09-J18) ⁴	23	3.2	0.7
9	Septicemia(A40-A41)	6,179	2.2	15.1	9	Anemias(D50-D64)	14	1.9	*
10	Human immunodeficiency virus (HIV) disease(B20-B24)	5,377	1.9	13.1	10	Septicemia(A40-A41)	12	1.7	*
...	All other causes(residual)	75,607	26.4	184.4	...	All other causes(residual)	179	24.9	5.6
Black, both sexes, 1-4 years					Black, both sexes, 15-19 years				
...	All causes	1,077	100.0	38.8	...	All causes	2,571	100.0	71.3
1	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	301	27.9	10.8	1	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	1,095	42.6	30.4
2	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	149	13.8	5.4	2	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	584	22.7	16.2
3	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	92	8.5	3.3	3	Intentional self-harm (suicide)(*U03,X60-X84,Y87.0)	159	6.2	4.4
4	Malignant neoplasms(C00-C97)	59	5.5	2.1	4	Malignant neoplasms(C00-C97)	118	4.6	3.3
5	Diseases of heart(I00-I09,I11,I13,I20-I51)	50	4.6	1.8	5	Diseases of heart(I00-I09,I11,I13,I20-I51)	109	4.2	3.0
6	Chronic lower respiratory diseases(J40-J47)	33	3.1	1.2	6	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	54	2.1	1.5
7	Influenza and pneumonia(J09-J18) ⁴	30	2.8	1.1	7	Chronic lower respiratory diseases(J40-J47)	35	1.4	1.0
8	Certain conditions originating in the perinatal period(P00-P96)	20	1.9	0.7	8	Influenza and pneumonia(J09-J18) ⁴	29	1.1	0.8
9	Septicemia(A40-A41)	19	1.8	*	9	Anemias(D50-D64)	23	0.9	0.6
10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00-D48)	13	1.2	*	10	Pregnancy, childbirth and the puerperium(O00-O99)	21	0.8	0.6
...	All other causes(residual)	311	28.9	11.2	...	All other causes(residual)	344	13.4	9.5

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Black, both sexes, 20-24 years					Black, both sexes, 45-54 years				
...	All causes	4,171	100.0	124.0	...	All causes	35,447	100.0	646.3
1	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	1,715	41.1	51.0	1	Malignant neoplasms. (C00-C97)	8,610	24.3	157.0
2	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	765	18.3	22.7	2	Diseases of heart (I00-I09,I11,I13,I20-I51)	8,196	23.1	149.4
3	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	289	6.9	8.6	3	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	2,431	6.9	44.3
4	Diseases of heart (I00-I09,I11,I13,I20-I51)	236	5.7	7.0	4	Human immunodeficiency virus (HIV) disease (B20-B24)	1,866	5.3	34.0
5	Malignant neoplasms. (C00-C97)	173	4.1	5.1	5	Cerebrovascular diseases (I60-I69)	1,793	5.1	32.7
6	Human immunodeficiency virus (HIV) disease (B20-B24)	91	2.2	2.7	6	Diabetes mellitus (E10-E14)	1,340	3.8	24.4
7	Pregnancy, childbirth and the puerperium (O00-O99)	67	1.6	2.0	7	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	867	2.4	15.8
8	Influenza and pneumonia (J09-J18) ^d	58	1.4	1.7	8	Chronic liver disease and cirrhosis (K70,K73-K74)	810	2.3	14.8
9	Chronic lower respiratory diseases (J40-J47)	52	1.2	1.5	9	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	724	2.0	13.2
10	Anemias. (D50-D64)	43	1.0	1.3	10	Chronic lower respiratory diseases (J40-J47)	706	2.0	12.9
...	All other causes (residual)	682	16.4	20.3	...	All other causes (residual)	8,104	22.9	147.7
Black, both sexes, 25-34 years					Black, both sexes, 55-64 years				
...	All causes	9,196	100.0	154.1	...	All causes	50,676	100.0	1,374.7
1	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	2,329	25.3	39.0	1	Malignant neoplasms. (C00-C97)	15,703	31.0	426.0
2	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,616	17.6	27.1	2	Diseases of heart (I00-I09,I11,I13,I20-I51)	12,940	25.5	351.0
3	Diseases of heart (I00-I09,I11,I13,I20-I51)	963	10.5	16.1	3	Cerebrovascular diseases (I60-I69)	2,610	5.2	70.8
4	Malignant neoplasms. (C00-C97)	633	6.9	10.6	4	Diabetes mellitus (E10-E14)	2,461	4.9	66.8
5	Human immunodeficiency virus (HIV) disease (B20-B24)	602	6.5	10.1	5	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,639	3.2	44.5
6	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	474	5.2	7.9	6	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	1,428	2.8	38.7
7	Diabetes mellitus (E10-E14)	190	2.1	3.2	7	Chronic lower respiratory diseases (J40-J47)	1,380	2.7	37.4
8	Cerebrovascular diseases (I60-I69)	147	1.6	2.5	8	Septicemia (A40-A41)	1,082	2.1	29.4
9	Influenza and pneumonia (J09-J18) ^d	145	1.6	2.4	9	Human immunodeficiency virus (HIV) disease (B20-B24)	1,048	2.1	28.4
10	Pregnancy, childbirth and the puerperium (O00-O99)	130	1.4	2.2	10	Chronic liver disease and cirrhosis (K70,K73-K74)	941	1.9	25.5
...	All other causes (residual)	1,967	21.4	33.0	...	All other causes (residual)	9,444	18.6	256.2
Black, both sexes, 35-44 years					Black, both sexes, 65 years and over				
...	All causes	15,153	100.0	273.7	...	All causes	158,690	100.0	4,617.9
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	2,889	19.1	52.2	1	Diseases of heart (I00-I09,I11,I13,I20-I51)	44,114	27.8	1,283.7
2	Malignant neoplasms. (C00-C97)	2,163	14.3	39.1	2	Malignant neoplasms. (C00-C97)	37,040	23.3	1,077.9
3	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,768	11.7	31.9	3	Cerebrovascular diseases (I60-I69)	10,666	6.7	310.4
4	Human immunodeficiency virus (HIV) disease (B20-B24)	1,393	9.2	25.2	4	Diabetes mellitus (E10-E14)	7,379	4.6	214.7
5	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	1,196	7.9	21.6	5	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	6,026	3.8	175.4
6	Cerebrovascular diseases (I60-I69)	548	3.6	9.9	6	Chronic lower respiratory diseases (J40-J47)	5,955	3.8	173.3
7	Diabetes mellitus (E10-E14)	531	3.5	9.6	7	Alzheimer's disease (G30)	5,009	3.2	145.8
8	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	404	2.7	7.3	8	Septicemia (A40-A41)	3,915	2.5	113.9
9	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	315	2.1	5.7	9	Influenza and pneumonia (J09-J18) ^d	3,476	2.2	101.2
10	Septicemia (A40-A41)	274	1.8	4.9	10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	3,204	2.0	93.2
...	All other causes (residual)	3,672	24.2	66.3	...	All other causes (residual)	31,906	20.1	928.5

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Black, both sexes, 65–74 years					Black, male, all ages³				
...	All causes	51,870	100.0	2,645.8	...	All causes	146,239	100.0	745.5
1	Malignant neoplasms (C00–C97)	16,411	31.6	837.1	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	35,420	24.2	180.6
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	13,528	26.1	690.0	2	Malignant neoplasms (C00–C97)	33,443	22.9	170.5
3	Cerebrovascular diseases (I60–I69)	3,007	5.8	153.4	3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	8,083	5.5	41.2
4	Diabetes mellitus (E10–E14)	2,767	5.3	141.1	4	Cerebrovascular diseases (I60–I69)	6,962	4.8	35.5
5	Chronic lower respiratory diseases (J40–J47)	2,074	4.0	105.8	5	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	6,715	4.6	34.2
6	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	1,932	3.7	98.5	6	Diabetes mellitus (E10–E14)	5,488	3.8	28.0
7	Septicemia (A40–A41)	1,270	2.4	64.8	7	Chronic lower respiratory diseases (J40–J47)	4,503	3.1	23.0
8	Essential hypertension and hypertensive renal disease (I10,I12,I15)	877	1.7	44.7	8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	3,974	2.7	20.3
9	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	829	1.6	42.3	9	Human immunodeficiency virus (HIV) disease (B20–B24)	3,535	2.4	18.0
10	Influenza and pneumonia (J09–J18) ⁴	823	1.6	42.0	10	Septicemia (A40–A41)	2,745	1.9	14.0
...	All other causes (residual)	8,352	16.1	426.0	...	All other causes (residual)	35,371	24.2	180.3
Black, both sexes, 75–84 years					Black, male, 1–4 years				
...	All causes	57,464	100.0	5,180.0	...	All causes	576	100.0	40.8
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	15,566	27.1	1,403.2	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	175	30.4	12.4
2	Malignant neoplasms (C00–C97)	13,981	24.3	1,260.3	2	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	80	13.9	5.7
3	Cerebrovascular diseases (I60–I69)	4,007	7.0	361.2	3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	50	8.7	3.5
4	Diabetes mellitus (E10–E14)	2,784	4.8	251.0	4	Malignant neoplasms (C00–C97)	22	3.8	1.6
5	Chronic lower respiratory diseases (J40–J47)	2,339	4.1	210.8	4	Diseases of heart (I00–I09,I11,I13,I20–I51)	22	3.8	1.6
6	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	2,307	4.0	208.0	6	Chronic lower respiratory diseases (J40–J47)	18	3.1	*
7	Alzheimer's disease (G30)	1,670	2.9	150.5	7	Influenza and pneumonia (J09–J18) ⁴	14	2.4	*
8	Septicemia (A40–A41)	1,460	2.5	131.6	8	Certain conditions originating in the perinatal period (P00–P96)	11	1.9	*
9	Influenza and pneumonia (J09–J18) ⁴	1,259	2.2	113.5	9	Complications of medical and surgical care (Y40–Y84,Y88)	10	1.7	*
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	1,083	1.9	97.6	10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	9	1.6	*
...	All other causes (residual)	11,008	19.2	992.3	...	All other causes (residual)	165	28.6	11.7
Black, both sexes, 85 years and over					Black, male, 5–9 years				
...	All causes	49,356	100.0	13,463.2	...	All causes	328	100.0	20.1
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	15,020	30.4	4,097.1	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	112	34.1	6.9
2	Malignant neoplasms (C00–C97)	6,648	13.5	1,813.4	2	Malignant neoplasms (C00–C97)	40	12.2	2.5
3	Cerebrovascular diseases (I60–I69)	3,652	7.4	996.2	3	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	21	6.4	1.3
4	Alzheimer's disease (G30)	2,975	6.0	811.5	4	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	20	6.1	1.2
5	Diabetes mellitus (E10–E14)	1,828	3.7	498.6	5	Chronic lower respiratory diseases (J40–J47)	19	5.8	*
6	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	1,787	3.6	487.5	6	Influenza and pneumonia (J09–J18) ⁴	15	4.6	*
7	Chronic lower respiratory diseases (J40–J47)	1,542	3.1	420.6	7	Diseases of heart (I00–I09,I11,I13,I20–I51)	12	3.7	*
8	Influenza and pneumonia (J09–J18) ⁴	1,394	2.8	380.3	8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	8	2.4	*
9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	1,244	2.5	339.3	9	Septicemia (A40–A41)	6	1.8	*
10	Septicemia (A40–A41)	1,185	2.4	323.2	9	Cerebrovascular diseases (I60–I69)	6	1.8	*
...	All other causes (residual)	12,081	24.5	3,295.4	...	All other causes (residual)	69	21.0	4.2

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Black, male, 10–14 years					Black, male, 25–34 years				
...	All causes	427	100.0	26.1	...	All causes	6,238	100.0	213.2
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	129	30.2	7.9	1	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	2,045	32.8	69.9
2	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	53	12.4	3.2	2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,230	19.7	42.0
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	35	8.2	2.1	3	Diseases of heart (I00–I09,I11,I13,I20–I51)	583	9.3	19.9
4	Chronic lower respiratory diseases (J40–J47)	28	6.6	1.7	4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	382	6.1	13.1
4	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	28	6.6	1.7	5	Human immunodeficiency virus (HIV) disease (B20–B24)	347	5.6	11.9
6	Malignant neoplasms (C00–C97)	24	5.6	1.5	6	Malignant neoplasms (C00–C97)	286	4.6	9.8
7	Diseases of heart (I00–I09,I11,I13,I20–I51)	23	5.4	1.4	7	Diabetes mellitus (E10–E14)	110	1.8	3.8
8	Influenza and pneumonia (J09–J18) ^d	7	1.6	*	8	Cerebrovascular diseases (I60–I69)	80	1.3	2.7
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	5	1.2	*	9	Influenza and pneumonia (J09–J18) ^d	64	1.0	2.2
9	Anemias (D50–D64)	5	1.2	*	10	Anemias (D50–D64)	61	1.0	2.1
9	Cerebrovascular diseases (I60–I69)	5	1.2	*	...	All other causes (residual)	1,050	16.8	35.9
...	All other causes (residual)	85	19.9	5.2	Black, male, 35–44 years				
Black, male, 15–19 years					...	All causes	8,952	100.0	343.2
...	All causes	1,939	100.0	106.0	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,856	20.7	71.2
1	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	977	50.4	53.4	2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,260	14.1	48.3
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	405	20.9	22.1	3	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	1,011	11.3	38.8
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	126	6.5	6.9	4	Human immunodeficiency virus (HIV) disease (B20–B24)	862	9.6	33.0
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	72	3.7	3.9	5	Malignant neoplasms (C00–C97)	833	9.3	31.9
5	Malignant neoplasms (C00–C97)	70	3.6	3.8	6	Diabetes mellitus (E10–E14)	333	3.7	12.8
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	33	1.7	1.8	6	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	333	3.7	12.8
7	Chronic lower respiratory diseases (J40–J47)	18	0.9	*	8	Cerebrovascular diseases (I60–I69)	289	3.2	11.1
8	Anemias (D50–D64)	12	0.6	*	9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	161	1.8	6.2
9	Influenza and pneumonia (J09–J18) ^d	11	0.6	*	10	Septicemia (A40–A41)	131	1.5	5.0
9	Legal intervention (Y35,Y89.0)	11	0.6	*	...	All other causes (residual)	1,883	21.0	72.2
...	All other causes (residual)	204	10.5	11.1	Black, male, 45–54 years				
Black, male, 20–24 years					...	All causes	20,320	100.0	801.9
...	All causes	3,151	100.0	184.9	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	5,188	25.5	204.7
1	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	1,549	49.2	90.9	2	Malignant neoplasms (C00–C97)	4,206	20.7	166.0
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	563	17.9	33.0	3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,634	8.0	64.5
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	246	7.8	14.4	4	Human immunodeficiency virus (HIV) disease (B20–B24)	1,233	6.1	48.7
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	154	4.9	9.0	5	Cerebrovascular diseases (I60–I69)	922	4.5	36.4
5	Malignant neoplasms (C00–C97)	92	2.9	5.4	6	Diabetes mellitus (E10–E14)	780	3.8	30.8
6	Human immunodeficiency virus (HIV) disease (B20–B24)	57	1.8	3.3	7	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	567	2.8	22.4
7	Chronic lower respiratory diseases (J40–J47)	37	1.2	2.2	8	Chronic liver disease and cirrhosis (K70,K73–K74)	537	2.6	21.2
8	Influenza and pneumonia (J09–J18) ^d	29	0.9	1.7	9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	462	2.3	18.2
9	Anemias (D50–D64)	24	0.8	1.4	10	Chronic lower respiratory diseases (J40–J47)	333	1.6	13.1
10	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	23	0.7	1.3	...	All other causes (residual)	4,458	21.9	175.9
...	All other causes (residual)	377	12.0	22.1					

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Black, male, 55–64 years					Black, male, 75–84 years				
...	All causes	29,932	100.0	1,821.0	...	All causes	26,115	100.0	6,387.1
1	Malignant neoplasms (C00–C97)	8,802	29.4	535.5	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	7,071	27.1	1,729.4
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	8,121	27.1	494.1	3	Cerebrovascular diseases (I60–I69)	1,602	6.1	391.8
3	Cerebrovascular diseases (I60–I69)	1,482	5.0	90.2	4	Chronic lower respiratory diseases (J40–J47)	1,282	4.9	313.5
4	Diabetes mellitus (E10–E14)	1,312	4.4	79.8	5	Diabetes mellitus (E10–E14)	1,093	4.2	267.3
5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,162	3.9	70.7	6	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	990	3.8	242.1
6	Human immunodeficiency virus (HIV) disease (B20–B24)	771	2.6	46.9	7	Influenza and pneumonia (J09–J18) [†]	609	2.3	148.9
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	764	2.6	46.5	8	Septicemia (A40–A41)	603	2.3	147.5
8	Chronic lower respiratory diseases (J40–J47)	761	2.5	46.3	9	Alzheimer's disease (G30)	595	2.3	145.5
9	Chronic liver disease and cirrhosis (K70,K73–K74)	647	2.2	39.4	10	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	410	1.6	100.3
10	Septicemia (A40–A41)	570	1.9	34.7	...	All other causes (residual)	4,736	18.1	1,158.3
...	All other causes (residual)	5,540	18.5	337.0	Black, male, 85 years and over				
Black, male, 65 years and over					...	All causes	15,459	100.0	15,430.8
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	19,311	27.7	1,453.8	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	4,523	29.3	4,514.7
2	Malignant neoplasms (C00–C97)	19,059	27.4	1,434.8	3	Cerebrovascular diseases (I60–I69)	942	6.1	940.3
3	Cerebrovascular diseases (I60–I69)	4,123	5.9	310.4	4	Chronic lower respiratory diseases (J40–J47)	693	4.5	691.7
4	Chronic lower respiratory diseases (J40–J47)	3,122	4.5	235.0	5	Alzheimer's disease (G30)	646	4.2	644.8
5	Diabetes mellitus (E10–E14)	2,925	4.2	220.2	6	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	570	3.7	569.0
6	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	2,493	3.6	187.7	7	Diabetes mellitus (E10–E14)	491	3.2	490.1
7	Septicemia (A40–A41)	1,592	2.3	119.8	8	Influenza and pneumonia (J09–J18) [†]	487	3.2	486.1
8	Influenza and pneumonia (J09–J18) [†]	1,570	2.3	118.2	9	Septicemia (A40–A41)	387	2.5	386.3
9	Alzheimer's disease (G30)	1,405	2.0	105.8	10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	310	2.0	309.4
10	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,176	1.7	88.5	...	All other causes (residual)	3,447	22.3	3,440.7
...	All other causes (residual)	12,874	18.5	969.2	Black, female, all ages ³				
Black, male, 65–74 years					...	All causes	140,384	100.0	656.5
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	7,717	27.5	941.9	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	34,267	24.4	160.2
2	Cerebrovascular diseases (I60–I69)	1,579	5.6	192.7	2	Malignant neoplasms (C00–C97)	31,206	22.2	145.9
3	Diabetes mellitus (E10–E14)	1,341	4.8	163.7	3	Cerebrovascular diseases (I60–I69)	8,916	6.4	41.7
4	Chronic lower respiratory diseases (J40–J47)	1,147	4.1	140.0	4	Diabetes mellitus (E10–E14)	6,472	4.6	30.3
5	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	933	3.3	113.9	5	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	4,834	3.4	22.6
6	Septicemia (A40–A41)	602	2.1	73.5	6	Chronic lower respiratory diseases (J40–J47)	4,027	2.9	18.8
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	548	2.0	66.9	7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	3,991	2.8	18.7
8	Influenza and pneumonia (J09–J18) [†]	474	1.7	57.9	8	Alzheimer's disease (G30)	3,639	2.6	17.0
9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	410	1.5	50.0	9	Septicemia (A40–A41)	3,434	2.4	16.1
10	All other causes (residual)	4,353	15.5	531.3	10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	2,802	2.0	13.1
...					...	All other causes (residual)	36,796	26.2	172.1

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Black, female, 1-4 years					Black, female, 15-19 years				
...	All causes	501	100.0	36.7	...	All causes	632	100.0	35.6
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	126	25.1	9.2	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	179	28.3	10.1
2	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	69	13.8	5.1	2	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	118	18.7	6.6
3	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	42	8.4	3.1	3	Malignant neoplasms. (C00-C97)	48	7.6	2.7
4	Malignant neoplasms. (C00-C97)	37	7.4	2.7	4	Diseases of heart (I00-I09,I11,I13,I20-I51)	37	5.9	2.1
5	Diseases of heart (I00-I09,I11,I13,I20-I51)	28	5.6	2.1	5	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	33	5.2	1.9
6	Influenza and pneumonia (J09-J18) ⁴	16	3.2	*	6	Pregnancy, childbirth and the puerperium (O00-O99)	21	3.3	1.2
7	Chronic lower respiratory diseases (J40-J47)	15	3.0	*	6	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	21	3.3	1.2
8	Septicemia (A40-A41)	12	2.4	*	8	Influenza and pneumonia (J09-J18) ⁴	18	2.8	*
9	Certain conditions originating in the perinatal period (P00-P96)	9	1.8	*	9	Chronic lower respiratory diseases (J40-J47)	17	2.7	*
10	Acute bronchitis and bronchiolitis (J20-J21)	6	1.2	*	10	Anemias. (D50-D64)	11	1.7	*
...	All other causes (residual)	141	28.1	10.3	...	All other causes (residual)	129	20.4	7.3
Black, female, 5-9 years					Black, female, 20-24 years				
...	All causes	254	100.0	16.1	...	All causes	1,020	100.0	61.5
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	77	30.3	4.9	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	202	19.8	12.2
2	Malignant neoplasms. (C00-C97)	40	15.7	2.5	2	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	166	16.3	10.0
3	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	20	7.9	1.3	3	Diseases of heart (I00-I09,I11,I13,I20-I51)	82	8.0	4.9
4	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	18	7.1	*	4	Malignant neoplasms. (C00-C97)	81	7.9	4.9
5	Chronic lower respiratory diseases (J40-J47)	13	5.1	*	5	Pregnancy, childbirth and the puerperium (O00-O99)	67	6.6	4.0
6	Diseases of heart (I00-I09,I11,I13,I20-I51)	11	4.3	*	6	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	43	4.2	2.6
7	Influenza and pneumonia (J09-J18) ⁴	8	3.1	*	7	Human immunodeficiency virus (HIV) disease (B20-B24)	34	3.3	2.0
8	Septicemia (A40-A41)	4	1.6	*	8	Influenza and pneumonia (J09-J18) ⁴	29	2.8	1.7
8	Cerebrovascular diseases (I60-I69)	4	1.6	*	9	Anemias. (D50-D64)	19	1.9	*
10	Anemias. (D50-D64)	3	1.2	*	10	Diabetes mellitus (E10-E14)	17	1.7	*
10	Diabetes mellitus (E10-E14)	3	1.2	*	...	All other causes (residual)	280	27.5	16.9
...	All other causes (residual)	53	20.9	3.4	Black, female, 25-34 years				
Black, female, 10-14 years					...	All causes	2,958	100.0	97.3
...	All causes	291	100.0	18.4	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	386	13.0	12.7
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	67	23.0	4.2	2	Diseases of heart (I00-I09,I11,I13,I20-I51)	380	12.8	12.5
2	Malignant neoplasms. (C00-C97)	29	10.0	1.8	3	Malignant neoplasms. (C00-C97)	347	11.7	11.4
3	Diseases of heart (I00-I09,I11,I13,I20-I51)	18	6.2	*	4	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	284	9.6	9.3
4	Influenza and pneumonia (J09-J18) ⁴	16	5.5	*	5	Human immunodeficiency virus (HIV) disease (B20-B24)	255	8.6	8.4
5	Chronic lower respiratory diseases (J40-J47)	15	5.2	*	6	Pregnancy, childbirth and the puerperium (O00-O99)	130	4.4	4.3
5	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	15	5.2	*	7	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	92	3.1	3.0
7	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	14	4.8	*	8	Influenza and pneumonia (J09-J18) ⁴	81	2.7	2.7
8	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	12	4.1	*	9	Diabetes mellitus (E10-E14)	80	2.7	2.6
9	Anemias. (D50-D64)	9	3.1	*	10	Cerebrovascular diseases (I60-I69)	67	2.3	2.2
10	Septicemia (A40-A41)	8	2.7	*	...	All other causes (residual)	856	28.9	28.1
...	All other causes (residual)	88	30.2	5.6					

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Black, female, 35–44 years					Black, female, 65 years and over				
...	All causes	6,201	100.0	211.8	...	All causes	89,040	100.0	4,223.8
1	Malignant neoplasms (C00–C97)	1,330	21.4	45.4	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	24,803	27.9	1,176.6
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,033	16.7	35.3	2	Malignant neoplasms (C00–C97)	17,981	20.2	853.0
3	Human immunodeficiency virus (HIV) disease (B20–B24)	531	8.6	18.1	3	Cerebrovascular diseases (I60–I69)	6,543	7.3	310.4
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	508	8.2	17.3	4	Diabetes mellitus (E10–E14)	4,454	5.0	211.3
5	Cerebrovascular diseases (I60–I69)	259	4.2	8.8	5	Alzheimer's disease (G30)	3,604	4.0	171.0
6	Diabetes mellitus (E10–E14)	198	3.2	6.8	6	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	3,533	4.0	167.6
7	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	185	3.0	6.3	7	Chronic lower respiratory diseases (J40–J47)	2,833	3.2	134.4
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	154	2.5	5.3	8	Septicemia (A40–A41)	2,323	2.6	110.2
9	Septicemia (A40–A41)	143	2.3	4.9	9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	2,079	2.3	98.6
10	Influenza and pneumonia (J09–J18) ^d	137	2.2	4.7	10	Influenza and pneumonia (J09–J18) ^d	1,906	2.1	90.4
...	All other causes (residual)	1,723	27.8	58.8	...	All other causes (residual)	18,981	21.3	900.4
Black, female, 45–54 years					Black, female, 65–74 years				
...	All causes	15,127	100.0	512.6	...	All causes	23,794	100.0	2,085.0
1	Malignant neoplasms (C00–C97)	4,404	29.1	149.2	1	Malignant neoplasms (C00–C97)	7,439	31.3	651.9
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	3,008	19.9	101.9	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	5,811	24.4	509.2
3	Cerebrovascular diseases (I60–I69)	871	5.8	29.5	3	Cerebrovascular diseases (I60–I69)	1,428	6.0	125.1
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	797	5.3	27.0	4	Diabetes mellitus (E10–E14)	1,426	6.0	125.0
5	Human immunodeficiency virus (HIV) disease (B20–B24)	633	4.2	21.4	5	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	999	4.2	87.5
6	Diabetes mellitus (E10–E14)	560	3.7	19.0	6	Chronic lower respiratory diseases (J40–J47)	927	3.9	81.2
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	405	2.7	13.7	7	Septicemia (A40–A41)	668	2.8	58.5
8	Chronic lower respiratory diseases (J40–J47)	373	2.5	12.6	8	Essential hypertension and hypertensive renal disease (I10,I12,I15)	467	2.0	40.9
9	Septicemia (A40–A41)	312	2.1	10.6	9	Influenza and pneumonia (J09–J18) ^d	349	1.5	30.6
10	Chronic liver disease and cirrhosis (K70,K73–K74)	273	1.8	9.3	10	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	281	1.2	24.6
...	All other causes (residual)	3,491	23.1	118.3	...	All other causes (residual)	3,999	16.8	350.4
Black, female, 55–64 years					Black, female, 75–84 years				
...	All causes	20,744	100.0	1,015.5	...	All causes	31,349	100.0	4,475.4
1	Malignant neoplasms (C00–C97)	6,901	33.3	337.8	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	8,495	27.1	1,212.8
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	4,819	23.2	235.9	2	Malignant neoplasms (C00–C97)	6,857	21.9	978.9
3	Diabetes mellitus (E10–E14)	1,149	5.5	56.2	3	Cerebrovascular diseases (I60–I69)	2,405	7.7	343.3
4	Cerebrovascular diseases (I60–I69)	1,128	5.4	55.2	4	Diabetes mellitus (E10–E14)	1,691	5.4	241.4
5	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	664	3.2	32.5	5	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	1,317	4.2	188.0
6	Chronic lower respiratory diseases (J40–J47)	619	3.0	30.3	6	Alzheimer's disease (G30)	1,075	3.4	153.5
7	Septicemia (A40–A41)	512	2.5	25.1	7	Chronic lower respiratory diseases (J40–J47)	1,057	3.4	150.9
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	477	2.3	23.4	8	Septicemia (A40–A41)	857	2.7	122.3
9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	367	1.8	18.0	9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	678	2.2	96.8
10	Chronic liver disease and cirrhosis (K70,K73–K74)	294	1.4	14.4	10	Influenza and pneumonia (J09–J18) ^d	650	2.1	92.8
...	All other causes (residual)	3,814	18.4	186.7	...	All other causes (residual)	6,267	20.0	894.7

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Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Black, female, 85 years and over					American Indian or Alaska Native, both sexes, 5-9 years				
...	All causes	33,897	100.0	12,723.3	...	All causes	52	100.0	17.8
1	Diseases of heart(I00-I09,I11,I13,I20-I51)	10,497	31.0	3,940.1	...	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	19	36.5	*
2	Malignant neoplasms.(C00-C97)	3,685	10.9	1,383.2	1	Malignant neoplasms.(C00-C97)	8	15.4	*
3	Cerebrovascular diseases(I60-I69)	2,710	8.0	1,017.2	3	Influenza and pneumonia(J09-J18) ⁴	3	5.8	*
4	Alzheimer's disease(G30)	2,329	6.9	874.2	2	Septicemia(A40-A41)	2	3.8	*
5	Diabetes mellitus(E10-E14)	1,337	3.9	501.8	4	Diseases of heart(I00-I09,I11,I13,I20-I51)	2	3.8	*
6	Nephritis, nephrotic syndrome and nephrosis(N00-N07,N17-N19,N25-N27)	1,217	3.6	456.8	4	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00-D48)	1	1.9	*
7	Essential hypertension and hypertensive renal disease(I10,I12,I15)	934	2.8	350.6	6	Chronic lower respiratory diseases(J40-J47)	1	1.9	*
8	Influenza and pneumonia(J09-J18) ⁴	907	2.7	340.4	6	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	1	1.9	*
9	Chronic lower respiratory diseases(J40-J47)	849	2.5	318.7	6	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	1	1.9	*
10	Septicemia(A40-A41)	798	2.4	299.5	...	All other causes(residual)	14	26.9	*
...	All other causes(residual)	8,634	25.5	3,240.8	American Indian or Alaska Native, both sexes, 10-14 years				
American Indian or Alaska Native, both sexes, all ages³					...	All causes	63	100.0	23.2
...	All causes	14,960	100.0	427.4	1	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	19	30.2	*
1	Diseases of heart(I00-I09,I11,I13,I20-I51)	2,764	18.5	79.0	2	Intentional self-harm (suicide)(*U03,X60-X84,Y87.0)	9	14.3	*
2	Malignant neoplasms.(C00-C97)	2,710	18.1	77.4	3	Malignant neoplasms.(C00-C97)	5	7.9	*
3	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	1,733	11.6	49.5	4	Diseases of heart(I00-I09,I11,I13,I20-I51)	4	6.3	*
4	Diabetes mellitus(E10-E14)	786	5.3	22.5	5	Septicemia(A40-A41)	3	4.8	*
5	Chronic liver disease and cirrhosis(K70,K73-K74)	714	4.8	20.4	5	Influenza and pneumonia(J09-J18) ⁴	3	4.8	*
6	Chronic lower respiratory diseases(J40-J47)	610	4.1	17.4	5	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	3	4.8	*
7	Cerebrovascular diseases(I60-I69)	561	3.8	16.0	5	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	3	4.8	*
8	Intentional self-harm (suicide)(*U03,X60-X84,Y87.0)	429	2.9	12.3	9	Chronic lower respiratory diseases(J40-J47)	2	3.2	*
9	Influenza and pneumonia(J09-J18) ⁴	402	2.7	11.5	10	Nephritis, nephrotic syndrome and nephrosis(N00-N07,N17-N19,N25-N27)	1	1.6	*
10	Nephritis, nephrotic syndrome and nephrosis(N00-N07,N17-N19,N25-N27)	307	2.1	8.8	...	All other causes(residual)	11	17.5	*
...	All other causes(residual)	3,944	26.4	112.7	American Indian or Alaska Native, both sexes, 1-4 years				
American Indian or Alaska Native, both sexes, 1-4 years					...	All causes	83	100.0	30.7
...	All causes	83	100.0	30.7	1	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	34	41.0	12.6
1	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	34	41.0	12.6	2	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	6	7.2	*
2	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	6	7.2	*	2	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	6	7.2	*
2	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	6	7.2	*	4	Influenza and pneumonia(J09-J18) ⁴	5	6.0	*
4	Influenza and pneumonia(J09-J18) ⁴	5	6.0	*	5	Malignant neoplasms.(C00-C97)	4	4.8	*
5	Malignant neoplasms.(C00-C97)	4	4.8	*	6	Certain conditions originating in the perinatal period(P00-P96)	2	2.4	*
6	Certain conditions originating in the perinatal period(P00-P96)	2	2.4	*	7	Meningococcal infection(A39)	1	1.2	*
7	Meningococcal infection(A39)	1	1.2	*	7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00-D48)	1	1.2	*
7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00-D48)	1	1.2	*	7	Diseases of heart(I00-I09,I11,I13,I20-I51)	1	1.2	*
7	Diseases of heart(I00-I09,I11,I13,I20-I51)	1	1.2	*	...	All other causes(residual)	23	27.7	8.5
...	All other causes(residual)	23	27.7	8.5					

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
American Indian or Alaska Native, both sexes, 15–19 years					American Indian or Alaska Native, both sexes, 25–34 years				
...	All causes	270	100.0	88.8	...	All causes	752	100.0	141.9
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	130	48.1	42.8	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	283	37.6	53.4
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	63	23.3	20.7	2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	91	12.1	17.2
3	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	30	11.1	9.9	3	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	61	8.1	11.5
4	Malignant neoplasms. (C00–C97)	6	2.2	*	4	Chronic liver disease and cirrhosis (K70,K73–K74)	50	6.6	9.4
5	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	5	1.9	*	5	Diseases of heart (I00–I09,I11,I13,I20–I51)	43	5.7	8.1
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	4	1.5	*	6	Malignant neoplasms. (C00–C97)	41	5.5	7.7
7	Influenza and pneumonia (J09–J18) [†]	3	1.1	*	7	Influenza and pneumonia (J09–J18) [†]	17	2.3	*
8	Anemias. (D50–D64)	1	0.4	*	8	Septicemia (A40–A41)	13	1.7	*
8	Diabetes mellitus (E10–E14)	1	0.4	*	8	Diabetes mellitus (E10–E14)	13	1.7	*
8	Cerebrovascular diseases (I60–I69)	1	0.4	*	10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	9	1.2	*
8	Chronic lower respiratory diseases (J40–J47)	1	0.4	*	...	All other causes (residual)	131	17.4	24.7
8	Chronic liver disease and cirrhosis (K70,K73–K74)	1	0.4	*	American Indian or Alaska Native, both sexes, 35–44 years				
8	Complications of medical and surgical care (Y40–Y84,Y88)	1	0.4	*	...	All causes	1,261	100.0	279.1
...	All other causes (residual)	23	8.5	7.6	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	356	28.2	78.8
American Indian or Alaska Native, both sexes, 20–24 years					2	Chronic liver disease and cirrhosis (K70,K73–K74)	145	11.5	32.1
...	All causes	400	100.0	130.9	3	Diseases of heart (I00–I09,I11,I13,I20–I51)	137	10.9	30.3
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	197	49.3	64.5	4	Malignant neoplasms. (C00–C97)	92	7.3	20.4
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	89	22.3	29.1	5	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	77	6.1	17.0
3	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	48	12.0	15.7	6	Diabetes mellitus (E10–E14)	49	3.9	10.8
4	Malignant neoplasms. (C00–C97)	8	2.0	*	7	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	48	3.8	10.6
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	6	1.5	*	8	Influenza and pneumonia (J09–J18) [†]	37	2.9	8.2
6	Influenza and pneumonia (J09–J18) [†]	5	1.3	*	9	Septicemia (A40–A41)	20	1.6	4.4
7	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	4	1.0	*	10	Viral hepatitis (B15–B19)	18	1.4	*
8	Chronic liver disease and cirrhosis (K70,K73–K74)	3	0.8	*	...	All other causes (residual)	282	22.4	62.4
9	Cerebrovascular diseases (I60–I69)	2	0.5	*	American Indian or Alaska Native, both sexes, 45–54 years				
9	Chronic lower respiratory diseases (J40–J47)	2	0.5	*	...	All causes	2,174	100.0	486.2
...	All other causes (residual)	36	9.0	11.8	1	Malignant neoplasms. (C00–C97)	376	17.3	84.1
See footnotes at end of table.					2	Diseases of heart (I00–I09,I11,I13,I20–I51)	334	15.4	74.7
					3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	319	14.7	71.3
					4	Chronic liver disease and cirrhosis (K70,K73–K74)	250	11.5	55.9
					5	Diabetes mellitus (E10–E14)	98	4.5	21.9
					6	Cerebrovascular diseases (I60–I69)	68	3.1	15.2
					7	Influenza and pneumonia (J09–J18) [†]	61	2.8	13.6
					8	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	59	2.7	13.2
					9	Viral hepatitis (B15–B19)	53	2.4	11.9
					10	Chronic lower respiratory diseases (J40–J47)	46	2.1	10.3
					...	All other causes (residual)	510	23.5	114.1

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
American Indian or Alaska Native, both sexes, 55-64 years					American Indian or Alaska Native, both sexes, 75-84 years				
...	All causes	2,525	100.0	827.9	...	All causes	2,535	100.0	3,453.3
1	Malignant neoplasms. (C00-C97)	677	26.8	222.0	1	Diseases of heart (I00-I09,I11,I13,I20-I51)	598	23.6	814.6
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	540	21.4	177.1	2	Malignant neoplasms. (C00-C97)	538	21.2	732.9
3	Diabetes mellitus (E10-E14)	165	6.5	54.1	3	Chronic lower respiratory diseases (J40-J47)	178	7.0	242.5
4	Chronic liver disease and cirrhosis (K70,K73-K74)	158	6.3	51.8	4	Diabetes mellitus (E10-E14)	177	7.0	241.1
5	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	155	6.1	50.8	5	Cerebrovascular diseases (I60-I69)	148	5.8	201.6
6	Chronic lower respiratory diseases (J40-J47)	102	4.0	33.4	6	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	77	3.0	104.9
7	Cerebrovascular diseases (I60-I69)	82	3.2	26.9	7	Influenza and pneumonia (J09-J18) ⁴	72	2.8	98.1
8	Influenza and pneumonia (J09-J18) ⁴	52	2.1	17.0	8	Alzheimer's disease (G30)	71	2.8	96.7
8	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	52	2.1	17.0	8	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	71	2.8	96.7
10	Septicemia (A40-A41)	36	1.4	11.8	10	Septicemia (A40-A41)	68	2.7	92.6
...	All other causes (residual)	506	20.0	165.9	...	All other causes (residual)	537	21.2	731.5
American Indian or Alaska Native, both sexes, 65 years and over					American Indian or Alaska Native, both sexes, 85 years and over				
...	All causes	6,994	100.0	2,766.7	...	All causes	1,785	100.0	6,718.9
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	1,688	24.1	667.7	1	Diseases of heart (I00-I09,I11,I13,I20-I51)	491	27.5	1,848.2
2	Malignant neoplasms. (C00-C97)	1,492	21.3	590.2	2	Malignant neoplasms. (C00-C97)	211	11.8	794.2
3	Diabetes mellitus (E10-E14)	459	6.6	181.6	3	Cerebrovascular diseases (I60-I69)	136	7.6	511.9
4	Chronic lower respiratory diseases (J40-J47)	445	6.4	176.0	4	Alzheimer's disease (G30)	97	5.4	365.1
5	Cerebrovascular diseases (I60-I69)	392	5.6	155.1	4	Chronic lower respiratory diseases (J40-J47)	97	5.4	365.1
6	Influenza and pneumonia (J09-J18) ⁴	208	3.0	82.3	6	Diabetes mellitus (E10-E14)	77	4.3	289.8
7	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	200	2.9	79.1	7	Influenza and pneumonia (J09-J18) ⁴	73	4.1	274.8
8	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	195	2.8	77.1	8	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	60	3.4	225.8
9	Alzheimer's disease (G30)	190	2.7	75.2	9	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	42	2.4	158.1
10	Septicemia (A40-A41)	170	2.4	67.2	10	Septicemia (A40-A41)	39	2.2	146.8
...	All other causes (residual)	1,555	22.2	615.1	...	All other causes (residual)	462	25.9	1,739.0
American Indian or Alaska Native, both sexes, 65-74 years					American Indian or Alaska Native, male, all ages ³				
...	All causes	2,674	100.0	1,749.8	...	All causes	8,105	100.0	462.8
1	Malignant neoplasms. (C00-C97)	743	27.8	486.2	1	Diseases of heart (I00-I09,I11,I13,I20-I51)	1,591	19.6	90.9
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	599	22.4	392.0	2	Malignant neoplasms. (C00-C97)	1,381	17.0	78.9
3	Diabetes mellitus (E10-E14)	205	7.7	134.1	3	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,150	14.2	65.7
4	Chronic lower respiratory diseases (J40-J47)	170	6.4	111.2	4	Diabetes mellitus (E10-E14)	418	5.2	23.9
5	Cerebrovascular diseases (I60-I69)	108	4.0	70.7	5	Chronic liver disease and cirrhosis (K70,K73-K74)	380	4.7	21.7
6	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	76	2.8	49.7	6	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	313	3.9	17.9
7	Chronic liver disease and cirrhosis (K70,K73-K74)	75	2.8	49.1	7	Chronic lower respiratory diseases (J40-J47)	287	3.5	16.4
8	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	69	2.6	45.2	8	Cerebrovascular diseases (I60-I69)	263	3.2	15.0
9	Septicemia (A40-A41)	63	2.4	41.2	9	Influenza and pneumonia (J09-J18) ⁴	193	2.4	11.0
9	Influenza and pneumonia (J09-J18) ⁴	63	2.4	41.2	9	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	193	2.4	11.0
...	All other causes (residual)	503	18.8	329.1	...	All other causes (residual)	1,936	23.9	110.6

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
American Indian or Alaska Native, male, 1-4 years					American Indian or Alaska Native, male, 15-19 years				
...	All causes	48	100.0	35.0	...	All causes	189	100.0	122.6
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	24	50.0	17.5	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	89	47.1	57.7
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	3	6.3	*	2	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	48	25.4	31.1
2	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	3	6.3	*	3	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	21	11.1	13.6
4	Malignant neoplasms. (C00-C97)	2	4.2	*	4	Malignant neoplasms. (C00-C97)	3	1.6	*
4	Influenza and pneumonia (J09-J18) [†]	2	4.2	*	4	Diseases of heart (I00-I09,I11,I13,I20-I51)	3	1.6	*
6	Meningococcal infection (A39)	1	2.1	*	4	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	3	1.6	*
6	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	1	2.1	*	7	Influenza and pneumonia (J09-J18) [†]	2	1.1	*
6	Certain conditions originating in the perinatal period (P00-P96)	1	2.1	*	8	Anemias. (D50-D64)	1	0.5	*
...	All other causes (residual)	11	22.9	*	8	Chronic lower respiratory diseases (J40-J47)	1	0.5	*
American Indian or Alaska Native, male, 5-9 years					American Indian or Alaska Native, male, 20-24 years				
...	All causes	21	100.0	14.2	...	All causes	279	100.0	177.8
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	10	47.6	*	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	135	48.4	86.0
2	Malignant neoplasms. (C00-C97)	3	14.3	*	2	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	64	22.9	40.8
3	Septicemia (A40-A41)	2	9.5	*	3	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	40	14.3	25.5
4	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	1	4.8	*	4	Malignant neoplasms. (C00-C97)	7	2.5	*
4	Diseases of heart (I00-I09,I11,I13,I20-I51)	1	4.8	*	5	Influenza and pneumonia (J09-J18) [†]	4	1.4	*
4	Influenza and pneumonia (J09-J18) [†]	1	4.8	*	6	Diseases of heart (I00-I09,I11,I13,I20-I51)	3	1.1	*
...	All other causes (residual)	3	14.3	*	6	Chronic liver disease and cirrhosis (K70,K73-K74)	3	1.1	*
American Indian or Alaska Native, male, 10-14 years					...				
...	All causes	36	100.0	26.0	6	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	3	1.1	*
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	11	30.6	*	9	Diabetes mellitus (E10-E14)	1	0.4	*
2	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	5	13.9	*	9	Cerebrovascular diseases (I60-I69)	1	0.4	*
3	Diseases of heart (I00-I09,I11,I13,I20-I51)	4	11.1	*	9	Pneumonitis due to solids and liquids (J69)	1	0.4	*
4	Malignant neoplasms. (C00-C97)	3	8.3	*	9	Legal intervention. (Y35,Y89.0)	1	0.4	*
4	Influenza and pneumonia (J09-J18) [†]	3	8.3	*	...	All other causes (residual)	16	5.7	*
6	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	2	5.6	*					
7	Septicemia (A40-A41)	1	2.8	*					
7	Chronic lower respiratory diseases (J40-J47)	1	2.8	*					
7	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	1	2.8	*					
...	All other causes (residual)	5	13.9	*					

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
American Indian or Alaska Native, male, 25-34 years					American Indian or Alaska Native, male, 55-64 years				
...	All causes	502	100.0	182.5	...	All causes	1,496	100.0	1,024.1
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	193	38.4	70.2	1	Diseases of heart (I00-I09,I11,I13,I20-I51)	366	24.5	250.5
2	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	66	13.1	24.0	2	Malignant neoplasms. (C00-C97)	365	24.4	249.9
3	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	54	10.8	19.6	3	Diabetes mellitus (E10-E14)	114	7.6	78.0
4	Diseases of heart (I00-I09,I11,I13,I20-I51)	34	6.8	12.4	4	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	113	7.6	77.4
5	Chronic liver disease and cirrhosis (K70,K73-K74)	32	6.4	11.6	5	Chronic liver disease and cirrhosis (K70,K73-K74)	91	6.1	62.3
6	Malignant neoplasms. (C00-C97)	21	4.2	7.6	6	Chronic lower respiratory diseases (J40-J47)	55	3.7	37.7
7	Diabetes mellitus (E10-E14)	10	2.0	*	7	Cerebrovascular diseases (I60-I69)	40	2.7	27.4
8	Influenza and pneumonia (J09-J18) ^d	9	1.8	*	8	Influenza and pneumonia (J09-J18) ^d	29	1.9	19.9
9	Septicemia (A40-A41)	7	1.4	*	9	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	23	1.5	15.7
10	Human immunodeficiency virus (HIV) disease (B20-B24)	4	0.8	*	10	Septicemia (A40-A41)	22	1.5	15.1
...	All other causes (residual)	72	14.3	26.2	10	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	22	1.5	15.1
American Indian or Alaska Native, male, 35-44 years					American Indian or Alaska Native, male, 65 years and over				
...	All causes	782	100.0	339.6	...	All causes	3,287	100.0	2,949.2
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	241	30.8	104.7	1	Diseases of heart (I00-I09,I11,I13,I20-I51)	862	26.2	773.4
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	94	12.0	40.8	2	Malignant neoplasms. (C00-C97)	754	22.9	676.5
3	Chronic liver disease and cirrhosis (K70,K73-K74)	80	10.2	34.7	3	Chronic lower respiratory diseases (J40-J47)	208	6.3	186.6
4	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	58	7.4	25.2	4	Diabetes mellitus (E10-E14)	206	6.3	184.8
5	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	37	4.7	16.1	5	Cerebrovascular diseases (I60-I69)	174	5.3	156.1
6	Malignant neoplasms. (C00-C97)	35	4.5	15.2	6	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	105	3.2	94.2
7	Diabetes mellitus (E10-E14)	34	4.3	14.8	7	Influenza and pneumonia (J09-J18) ^d	92	2.8	82.5
8	Influenza and pneumonia (J09-J18) ^d	22	2.8	9.6	8	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	75	2.3	67.3
9	Human immunodeficiency virus (HIV) disease (B20-B24)	12	1.5	*	9	Septicemia (A40-A41)	71	2.2	63.7
10	Septicemia (A40-A41)	10	1.3	*	10	Alzheimer's disease (G30)	64	1.9	57.4
...	All other causes (residual)	159	20.3	69.1	...	All other causes (residual)	676	20.6	606.5
American Indian or Alaska Native, male, 45-54 years					American Indian or Alaska Native, male, 65-74 years				
...	All causes	1,250	100.0	573.5	...	All causes	1,441	100.0	2,020.5
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	222	17.8	101.9	1	Malignant neoplasms. (C00-C97)	396	27.5	555.3
2	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	215	17.2	98.6	2	Diseases of heart (I00-I09,I11,I13,I20-I51)	379	26.3	531.4
3	Malignant neoplasms. (C00-C97)	188	15.0	86.3	3	Diabetes mellitus (E10-E14)	109	7.6	152.8
4	Chronic liver disease and cirrhosis (K70,K73-K74)	131	10.5	60.1	4	Chronic lower respiratory diseases (J40-J47)	79	5.5	110.8
5	Diabetes mellitus (E10-E14)	53	4.2	24.3	5	Cerebrovascular diseases (I60-I69)	50	3.5	70.1
6	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	42	3.4	19.3	6	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	44	3.1	61.7
7	Cerebrovascular diseases (I60-I69)	37	3.0	17.0	7	Chronic liver disease and cirrhosis (K70,K73-K74)	32	2.2	44.9
8	Viral hepatitis (B15-B19)	32	2.6	14.7	8	Septicemia (A40-A41)	31	2.2	43.5
9	Influenza and pneumonia (J09-J18) ^d	25	2.0	11.5	9	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	29	2.0	40.7
10	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	23	1.8	10.6	10	Influenza and pneumonia (J09-J18) ^d	28	1.9	39.3
...	All other causes (residual)	282	22.6	129.4	...	All other causes (residual)	264	18.3	370.2

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
American Indian or Alaska Native, male, 75–84 years					American Indian or Alaska Native, female, 1–4 years				
...	All causes	1,219	100.0	3,907.6	...	All causes	35	100.0	26.3
1	Diseases of heart(I00–I09,I11,I13,I20–I51)	308	25.3	987.3	1	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	10	28.6	*
2	Malignant neoplasms.(C00–C97)	263	21.6	843.1	2	Influenza and pneumonia(J09–J18) ⁴	3	8.6	*
3	Chronic lower respiratory diseases(J40–J47)	87	7.1	278.9	2	Congenital malformations, deformations and chromosomal abnormalities(Q00–Q99)	3	8.6	*
4	Cerebrovascular diseases(I60–I69)	81	6.6	259.6	2	Assault (homicide)(*U01–*U02,X85–Y09,Y87.1)	3	8.6	*
5	Diabetes mellitus(E10–E14)	67	5.5	214.8	5	Malignant neoplasms.(C00–C97)	2	5.7	*
6	Influenza and pneumonia(J09–J18) ⁴	42	3.4	134.6	6	Diseases of heart(I00–I09,I11,I13,I20–I51)	1	2.9	*
6	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	42	3.4	134.6	6	Certain conditions originating in the perinatal period(P00–P96)	1	2.9	*
8	Septicemia(A40–A41)	31	2.5	99.4	6	All other causes(residual)	12	34.3	*
8	Nephritis, nephrotic syndrome and nephrosis(N00–N07,N17–N19,N25–N27)	31	2.5	99.4	American Indian or Alaska Native, female, 5–9 years				
10	Alzheimer's disease(G30)	28	2.3	89.8	...	All causes	31	100.0	21.5
...	All other causes(residual)	239	19.6	766.1	1	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	9	29.0	*
American Indian or Alaska Native, male, 85 years and over					2	Malignant neoplasms.(C00–C97)	5	16.1	*
...	All causes	627	100.0	7,013.4	3	Influenza and pneumonia(J09–J18) ⁴	2	6.5	*
1	Diseases of heart(I00–I09,I11,I13,I20–I51)	175	27.9	1,957.5	4	Diseases of heart(I00–I09,I11,I13,I20–I51)	1	3.2	*
2	Malignant neoplasms.(C00–C97)	95	15.2	1,062.6	4	Chronic lower respiratory diseases(J40–J47)	1	3.2	*
3	Cerebrovascular diseases(I60–I69)	43	6.9	481.0	4	Congenital malformations, deformations and chromosomal abnormalities(Q00–Q99)	1	3.2	*
4	Chronic lower respiratory diseases(J40–J47)	42	6.7	469.8	4	Assault (homicide)(*U01–*U02,X85–Y09,Y87.1)	1	3.2	*
5	Diabetes mellitus(E10–E14)	30	4.8	335.6	...	All other causes(residual)	11	35.5	*
6	Alzheimer's disease(G30)	28	4.5	313.2	American Indian or Alaska Native, female, 10–14 years				
7	Influenza and pneumonia(J09–J18) ⁴	22	3.5	246.1	...	All causes	27	100.0	20.3
8	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	19	3.0	*	2	Intentional self-harm (suicide)(*U03,X60–X84,Y87.0)	4	14.8	*
9	Pneumonitis due to solids and liquids(J69)	16	2.6	*	3	Septicemia(A40–A41)	2	7.4	*
10	Nephritis, nephrotic syndrome and nephrosis(N00–N07,N17–N19,N25–N27)	15	2.4	*	3	Malignant neoplasms.(C00–C97)	2	7.4	*
...	All other causes(residual)	142	22.6	1,588.4	3	Assault (homicide)(*U01–*U02,X85–Y09,Y87.1)	2	7.4	*
American Indian or Alaska Native, female, all ages ³					6	Chronic lower respiratory diseases(J40–J47)	1	3.7	*
...	All causes	6,855	100.0	391.9	6	Nephritis, nephrotic syndrome and nephrosis(N00–N07,N17–N19,N25–N27)	1	3.7	*
1	Malignant neoplasms.(C00–C97)	1,329	19.4	76.0	6	Congenital malformations, deformations and chromosomal abnormalities(Q00–Q99)	1	3.7	*
2	Diseases of heart(I00–I09,I11,I13,I20–I51)	1,173	17.1	67.1	...	All other causes(residual)	6	22.2	*
3	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	583	8.5	33.3					
4	Diabetes mellitus(E10–E14)	368	5.4	21.0					
5	Chronic liver disease and cirrhosis(K70,K73–K74)	334	4.9	19.1					
6	Chronic lower respiratory diseases(J40–J47)	323	4.7	18.5					
7	Cerebrovascular diseases(I60–I69)	298	4.3	17.0					
8	Influenza and pneumonia(J09–J18) ⁴	209	3.0	11.9					
9	Nephritis, nephrotic syndrome and nephrosis(N00–N07,N17–N19,N25–N27)	181	2.6	10.3					
10	Septicemia(A40–A41)	148	2.2	8.5					
...	All other causes(residual)	1,909	27.8	109.1					

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
American Indian or Alaska Native, female, 15-19 years					American Indian or Alaska Native, female, 35-44 years				
...	All causes	81	100.0	54.1	...	All causes	479	100.0	216.1
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	41	50.6	27.4	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	115	24.0	51.9
3	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	9	11.1	*	2	Chronic liver disease and cirrhosis (K70,K73-K74)	65	13.6	29.3
4	Malignant neoplasms. (C00-C97)	3	3.7	*	3	Malignant neoplasms. (C00-C97)	57	11.9	25.7
5	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	2	2.5	*	4	Diseases of heart (I00-I09,I11,I13,I20-I51)	43	9.0	19.4
6	Diabetes mellitus (E10-E14)	1	1.2	*	5	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	19	4.0	*
6	Diseases of heart (I00-I09,I11,I13,I20-I51)	1	1.2	*	6	Diabetes mellitus (E10-E14)	15	3.1	*
6	Cerebrovascular diseases (I60-I69)	1	1.2	*	6	Influenza and pneumonia (J09-J18) [†]	15	3.1	*
6	Influenza and pneumonia (J09-J18) [†]	1	1.2	*	8	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	11	2.3	*
...	All other causes (residual)	7	8.6	*	9	Septicemia (A40-A41)	10	2.1	*
American Indian or Alaska Native, female, 20-24 years					10	Viral hepatitis (B15-B19)	9	1.9	*
...	All causes	121	100.0	81.3	...	All other causes (residual)	120	25.1	54.1
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	62	51.2	41.7	American Indian or Alaska Native, female, 45-54 years				
2	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	25	20.7	16.8	...	All causes	924	100.0	403.2
4	Diseases of heart (I00-I09,I11,I13,I20-I51)	3	2.5	*	1	Malignant neoplasms. (C00-C97)	188	20.3	82.0
5	Chronic lower respiratory diseases (J40-J47)	2	1.7	*	2	Chronic liver disease and cirrhosis (K70,K73-K74)	119	12.9	51.9
6	Septicemia (A40-A41)	1	0.8	*	3	Diseases of heart (I00-I09,I11,I13,I20-I51)	112	12.1	48.9
6	Malignant neoplasms. (C00-C97)	1	0.8	*	4	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	104	11.3	45.4
6	Cerebrovascular diseases (I60-I69)	1	0.8	*	5	Diabetes mellitus (E10-E14)	45	4.9	19.6
6	Influenza and pneumonia (J09-J18) [†]	1	0.8	*	6	Influenza and pneumonia (J09-J18) [†]	36	3.9	15.7
6	Pregnancy, childbirth and the puerperium (O00-O99)	1	0.8	*	7	Cerebrovascular diseases (I60-I69)	31	3.4	13.5
6	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	1	0.8	*	8	Chronic lower respiratory diseases (J40-J47)	29	3.1	12.7
...	All other causes (residual)	15	12.4	*	9	Viral hepatitis (B15-B19)	21	2.3	9.2
American Indian or Alaska Native, female, 25-34 years					10	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	17	1.8	*
...	All causes	250	100.0	98.0	10	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	17	1.8	*
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	90	36.0	35.3	...	All other causes (residual)	205	22.2	89.5
2	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	25	10.0	9.8	American Indian or Alaska Native, female, 55-64 years				
3	Malignant neoplasms. (C00-C97)	20	8.0	7.8	...	All causes	1,029	100.0	647.5
4	Chronic liver disease and cirrhosis (K70,K73-K74)	18	7.2	*	1	Malignant neoplasms. (C00-C97)	312	30.3	196.3
5	Diseases of heart (I00-I09,I11,I13,I20-I51)	9	3.6	*	2	Diseases of heart (I00-I09,I11,I13,I20-I51)	174	16.9	109.5
6	Influenza and pneumonia (J09-J18) [†]	8	3.2	*	3	Chronic liver disease and cirrhosis (K70,K73-K74)	67	6.5	42.2
6	Pregnancy, childbirth and the puerperium (O00-O99)	8	3.2	*	4	Diabetes mellitus (E10-E14)	51	5.0	32.1
8	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	7	2.8	*	5	Chronic lower respiratory diseases (J40-J47)	47	4.6	29.6
8	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	7	2.8	*	6	Cerebrovascular diseases (I60-I69)	42	4.1	26.4
10	Septicemia (A40-A41)	6	2.4	*	6	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	42	4.1	26.4
...	All other causes (residual)	52	20.8	20.4	8	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	29	2.8	18.2
See footnotes at end of table.					9	Influenza and pneumonia (J09-J18) [†]	23	2.2	14.5
					10	Septicemia (A40-A41)	14	1.4	*
					...	All other causes (residual)	228	22.2	143.5

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
American Indian or Alaska Native, female, 65 years and over					American Indian or Alaska Native, female, 85 years and over				
...	All causes	3,707	100.0	2,622.8	...	All causes	1,158	100.0	6,569.5
1	Diseases of heart(I00–I09,I11,I13,I20–I51)	826	22.3	584.4	1	Diseases of heart(I00–I09,I11,I13,I20–I51)	316	27.3	1,792.7
2	Malignant neoplasms(C00–C97)	738	19.9	522.1	2	Malignant neoplasms(C00–C97)	116	10.0	658.1
3	Diabetes mellitus(E10–E14)	253	6.8	179.0	3	Cerebrovascular diseases(I60–I69)	93	8.0	527.6
4	Chronic lower respiratory diseases(J40–J47)	237	6.4	167.7	4	Alzheimer's disease(G30)	69	6.0	391.4
5	Cerebrovascular diseases(I60–I69)	218	5.9	154.2	5	Chronic lower respiratory diseases(J40–J47)	55	4.7	312.0
6	Alzheimer's disease(G30)	126	3.4	89.1	6	Influenza and pneumonia(J09–J18) ⁴	51	4.4	289.3
7	Nephritis, nephrotic syndrome and nephrosis(N00–N07,N17–N19,N25–N27)	120	3.2	84.9	7	Diabetes mellitus(E10–E14)	47	4.1	266.6
8	Influenza and pneumonia(J09–J18) ⁴	116	3.1	82.1	8	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	41	3.5	232.6
9	Septicemia(A40–A41)	99	2.7	70.0	9	Septicemia(A40–A41)	30	2.6	170.2
10	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	95	2.6	67.2	10	Nephritis, nephrotic syndrome and nephrosis(N00–N07,N17–N19,N25–N27)	27	2.3	153.2
...	All other causes(residual)	879	23.7	621.9	...	All other causes(residual)	313	27.0	1,775.7
American Indian or Alaska Native, female, 65–74 years					Asian or Pacific Islander, both sexes, all ages ³				
...	All causes	1,233	100.0	1,512.9	...	All causes	49,225	100.0	317.0
1	Malignant neoplasms(C00–C97)	347	28.1	425.8	1	Malignant neoplasms(C00–C97)	13,274	27.0	85.5
2	Diseases of heart(I00–I09,I11,I13,I20–I51)	220	17.8	269.9	2	Diseases of heart(I00–I09,I11,I13,I20–I51)	11,375	23.1	73.3
3	Diabetes mellitus(E10–E14)	96	7.8	117.8	3	Cerebrovascular diseases(I60–I69)	3,639	7.4	23.4
4	Chronic lower respiratory diseases(J40–J47)	91	7.4	111.7	4	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	2,044	4.2	13.2
5	Cerebrovascular diseases(I60–I69)	58	4.7	71.2	5	Diabetes mellitus(E10–E14)	1,846	3.8	11.9
6	Nephritis, nephrotic syndrome and nephrosis(N00–N07,N17–N19,N25–N27)	47	3.8	57.7	6	Influenza and pneumonia(J09–J18) ⁴	1,568	3.2	10.1
7	Chronic liver disease and cirrhosis(K70,K73–K74)	43	3.5	52.8	7	Chronic lower respiratory diseases(J40–J47)	1,480	3.0	9.5
8	Influenza and pneumonia(J09–J18) ⁴	35	2.8	42.9	8	Nephritis, nephrotic syndrome and nephrosis(N00–N07,N17–N19,N25–N27)	1,062	2.2	6.8
9	Septicemia(A40–A41)	32	2.6	39.3	9	Alzheimer's disease(G30)	1,024	2.1	6.6
10	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	25	2.0	30.7	10	Intentional self-harm (suicide)(*U03,X60–X84,Y87.0)	971	2.0	6.3
...	All other causes(residual)	239	19.4	293.3	...	All other causes(residual)	10,942	22.2	70.5
American Indian or Alaska Native, female, 75–84 years									
...	All causes	1,316	100.0	3,117.5					
1	Diseases of heart(I00–I09,I11,I13,I20–I51)	290	22.0	687.0					
2	Malignant neoplasms(C00–C97)	275	20.9	651.5					
3	Diabetes mellitus(E10–E14)	110	8.4	260.6					
4	Chronic lower respiratory diseases(J40–J47)	91	6.9	215.6					
5	Cerebrovascular diseases(I60–I69)	67	5.1	158.7					
6	Nephritis, nephrotic syndrome and nephrosis(N00–N07,N17–N19,N25–N27)	46	3.5	109.0					
7	Alzheimer's disease(G30)	43	3.3	101.9					
8	Septicemia(A40–A41)	37	2.8	87.7					
9	Influenza and pneumonia(J09–J18) ⁴	30	2.3	71.1					
10	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	29	2.2	68.7					
...	All other causes(residual)	298	22.6	705.9					

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Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Asian or Pacific Islander, both sexes, 1-4 years					Asian or Pacific Islander, both sexes, 10-14 years				
...	All causes	149	100.0	15.7	...	All causes	109	100.0	11.1
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	49	32.9	5.2	1	Malignant neoplasms. (C00-C97)	23	21.1	2.3
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	16	10.7	*	2	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	15	13.8	*
3	Malignant neoplasms. (C00-C97)	13	8.7	*	3	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	10	9.2	*
4	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	10	6.7	*	4	Diseases of heart (I00-I09,I11,I13,I20-I51)	8	7.3	*
5	Diseases of heart (I00-I09,I11,I13,I20-I51)	7	4.7	*	5	Influenza and pneumonia (J09-J18) ^d	5	4.6	*
6	Septicemia (A40-A41)	5	3.4	*	5	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	5	4.6	*
7	Influenza and pneumonia (J09-J18) ^d	3	2.0	*	7	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	4	3.7	*
8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	2	1.3	*	8	Cerebrovascular diseases (I60-I69)	2	1.8	*
9	Nutritional deficiencies (E40-E64)	1	0.7	*	9	Meningitis (G00,G03)	1	0.9	*
9	Meningitis (G00,G03)	1	0.7	*	9	Diseases of appendix (K35-K38)	1	0.9	*
9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	1	0.7	*	9	Hernia (K40-K46)	1	0.9	*
9	Acute bronchitis and bronchiolitis (J20-J21)	1	0.7	*	9	Certain conditions originating in the perinatal period (P00-P96)	1	0.9	*
9	Chronic lower respiratory diseases (J40-J47)	1	0.7	*	9	Complications of medical and surgical care (Y40-Y84,Y88)	1	0.9	*
9	Hernia (K40-K46)	1	0.7	*	...	All other causes (residual)	32	29.4	3.3
9	Enterocolitis due to <i>Clostridium difficile</i> (A04.7)	1	0.7	*	Asian or Pacific Islander, both sexes, 15-19 years				
...	All other causes (residual)	37	24.8	3.9	...	All causes	278	100.0	28.2
Asian or Pacific Islander, both sexes, 5-9 years					1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	93	33.5	9.4
...	All causes	122	100.0	11.0	2	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	58	20.9	5.9
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	32	26.2	2.9	3	Malignant neoplasms. (C00-C97)	31	11.2	3.1
2	Malignant neoplasms. (C00-C97)	24	19.7	2.2	4	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	14	5.0	*
3	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	10	8.2	*	5	Diseases of heart (I00-I09,I11,I13,I20-I51)	12	4.3	*
4	Diseases of heart (I00-I09,I11,I13,I20-I51)	7	5.7	*	6	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	11	4.0	*
5	Influenza and pneumonia (J09-J18) ^d	6	4.9	*	7	Influenza and pneumonia (J09-J18) ^d	8	2.9	*
6	Chronic lower respiratory diseases (J40-J47)	5	4.1	*	8	Septicemia (A40-A41)	4	1.4	*
7	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	4	3.3	*	9	Chronic lower respiratory diseases (J40-J47)	3	1.1	*
8	Meningitis (G00,G03)	2	1.6	*	10	Diabetes mellitus (E10-E14)	2	0.7	*
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	1	0.8	*	...	All other causes (residual)	42	15.1	4.3
9	Cerebrovascular diseases (I60-I69)	1	0.8	*					
9	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	1	0.8	*					
...	All other causes (residual)	29	23.8	2.6					

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Asian or Pacific Islander, both sexes, 20–24 years					Asian or Pacific Islander, both sexes, 35–44 years				
...	All causes	485	100.0	46.7	...	All causes	1,914	100.0	74.0
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	163	33.6	15.7	1	Malignant neoplasms. (C00–C97)	572	29.9	22.1
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	94	19.4	9.0	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	290	15.2	11.2
3	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	58	12.0	5.6	3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	204	10.7	7.9
4	Malignant neoplasms. (C00–C97)	44	9.1	4.2	4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	180	9.4	7.0
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	25	5.2	2.4	5	Cerebrovascular diseases (I60–I69)	112	5.9	4.3
6	Cerebrovascular diseases (I60–I69)	11	2.3	*	6	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	62	3.2	2.4
7	Influenza and pneumonia (J09–J18) ⁴	7	1.4	*	7	Chronic liver disease and cirrhosis (K70,K73–K74)	55	2.9	2.1
8	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	6	1.2	*	8	Influenza and pneumonia (J09–J18) ⁴	38	2.0	1.5
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	5	1.0	*	9	Diabetes mellitus (E10–E14)	32	1.7	1.2
10	Pregnancy, childbirth and the puerperium (O00–O99)	4	0.8	*	10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	26	1.4	1.0
...	All other causes (residual)	68	14.0	6.5	...	All other causes (residual)	343	17.9	13.3
Asian or Pacific Islander, both sexes, 25–34 years					Asian or Pacific Islander, both sexes, 45–54 years				
...	All causes	1,065	100.0	41.1	...	All causes	3,839	100.0	181.4
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	251	23.6	9.7	1	Malignant neoplasms. (C00–C97)	1,430	37.2	67.6
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	186	17.5	7.2	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	704	18.3	33.3
3	Malignant neoplasms. (C00–C97)	163	15.3	6.3	3	Cerebrovascular diseases (I60–I69)	247	6.4	11.7
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	96	9.0	3.7	4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	222	5.8	10.5
5	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	67	6.3	2.6	5	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	177	4.6	8.4
6	Influenza and pneumonia (J09–J18) ⁴	35	3.3	1.3	6	Diabetes mellitus (E10–E14)	121	3.2	5.7
7	Cerebrovascular diseases (I60–I69)	27	2.5	1.0	7	Chronic liver disease and cirrhosis (K70,K73–K74)	102	2.7	4.8
8	Pregnancy, childbirth and the puerperium (O00–O99)	15	1.4	*	8	Influenza and pneumonia (J09–J18) ⁴	69	1.8	3.3
9	Septicemia (A40–A41)	11	1.0	*	9	Viral hepatitis (B15–B19)	61	1.6	2.9
9	Human immunodeficiency virus (HIV) disease (B20–B24)	11	1.0	*	10	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	58	1.5	2.7
9	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	11	1.0	*	...	All other causes (residual)	648	16.9	30.6
...	All other causes (residual)	192	18.0	7.4	Asian or Pacific Islander, both sexes, 55–64 years				
...	All causes	6,297	100.0	418.0	...	All causes	6,297	100.0	418.0
1	Malignant neoplasms. (C00–C97)	2,679	42.5	177.8	1	Malignant neoplasms. (C00–C97)	2,679	42.5	177.8
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,279	20.3	84.9	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,279	20.3	84.9
3	Cerebrovascular diseases (I60–I69)	407	6.5	27.0	3	Cerebrovascular diseases (I60–I69)	407	6.5	27.0
4	Diabetes mellitus (E10–E14)	282	4.5	18.7	4	Diabetes mellitus (E10–E14)	282	4.5	18.7
5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	190	3.0	12.6	5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	190	3.0	12.6
6	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	135	2.1	9.0	6	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	135	2.1	9.0
7	Chronic liver disease and cirrhosis (K70,K73–K74)	113	1.8	7.5	7	Chronic liver disease and cirrhosis (K70,K73–K74)	113	1.8	7.5
8	Influenza and pneumonia (J09–J18) ⁴	95	1.5	6.3	8	Influenza and pneumonia (J09–J18) ⁴	95	1.5	6.3
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	94	1.5	6.2	9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	94	1.5	6.2
10	Chronic lower respiratory diseases (J40–J47)	77	1.2	5.1	10	Chronic lower respiratory diseases (J40–J47)	77	1.2	5.1
...	All other causes (residual)	946	15.0	62.8	...	All other causes (residual)	946	15.0	62.8

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Asian or Pacific Islander, both sexes, 65 years and over					Asian or Pacific Islander, both sexes, 85 years and over				
...	All causes	34,061	100.0	2,387.5	...	All causes	13,061	100.0	7,996.4
1	Diseases of heart(I00-I09,I11,I13,I20-I51)	8,931	26.2	626.0	1	Diseases of heart(I00-I09,I11,I13,I20-I51)	3,920	30.0	2,400.0
2	Malignant neoplasms(C00-C97)	8,289	24.3	581.0	2	Malignant neoplasms(C00-C97)	1,839	14.1	1,125.9
3	Cerebrovascular diseases(I60-I69)	2,827	8.3	198.2	3	Cerebrovascular diseases(I60-I69)	1,130	8.7	691.8
4	Diabetes mellitus(E10-E14)	1,402	4.1	98.3	4	Influenza and pneumonia(J09-J18) [†]	722	5.5	442.0
5	Chronic lower respiratory diseases(J40-J47)	1,327	3.9	93.0	5	Alzheimer's disease(G30)	661	5.1	404.7
6	Influenza and pneumonia(J09-J18) [†]	1,290	3.8	90.4	6	Chronic lower respiratory diseases(J40-J47)	569	4.4	348.4
7	Alzheimer's disease(G30)	1,023	3.0	71.7	7	Diabetes mellitus(E10-E14)	441	3.4	270.0
8	Nephritis, nephrotic syndrome and nephrosis(N00-N07,N17-N19,N25-N27)	883	2.6	61.9	8	Nephritis, nephrotic syndrome and nephrosis(N00-N07,N17-N19,N25-N27)	335	2.6	205.1
9	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	804	2.4	56.4	9	Essential hypertension and hypertensive renal disease(I10,I12,I15)	300	2.3	183.7
10	Essential hypertension and hypertensive renal disease(I10,I12,I15)	613	1.8	43.0	10	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	282	2.2	172.7
...	All other causes(residual)	6,672	19.6	467.7	...	All other causes(residual)	2,862	21.9	1,752.2
Asian or Pacific Islander, both sexes, 65-74 years					Asian or Pacific Islander, male, all ages ³				
...	All causes	8,440	100.0	1,029.8	...	All causes	25,560	100.0	339.5
1	Malignant neoplasms(C00-C97)	3,087	36.6	376.6	1	Malignant neoplasms(C00-C97)	6,897	27.0	91.6
2	Diseases of heart(I00-I09,I11,I13,I20-I51)	1,914	22.7	233.5	2	Diseases of heart(I00-I09,I11,I13,I20-I51)	6,238	24.4	82.9
3	Cerebrovascular diseases(I60-I69)	588	7.0	71.7	3	Cerebrovascular diseases(I60-I69)	1,658	6.5	22.0
4	Diabetes mellitus(E10-E14)	406	4.8	49.5	4	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	1,288	5.0	17.1
5	Chronic lower respiratory diseases(J40-J47)	236	2.8	28.8	5	Diabetes mellitus(E10-E14)	943	3.7	12.5
6	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	215	2.5	26.2	6	Chronic lower respiratory diseases(J40-J47)	864	3.4	11.5
7	Nephritis, nephrotic syndrome and nephrosis(N00-N07,N17-N19,N25-N27)	213	2.5	26.0	7	Influenza and pneumonia(J09-J18) [†]	809	3.2	10.7
8	Influenza and pneumonia(J09-J18) [†]	171	2.0	20.9	8	Intentional self-harm (suicide)(*U03,X60-X84,Y87.0)	666	2.6	8.8
9	Septicemia(A40-A41)	124	1.5	15.1	9	Nephritis, nephrotic syndrome and nephrosis(N00-N07,N17-N19,N25-N27)	518	2.0	6.9
10	Essential hypertension and hypertensive renal disease(I10,I12,I15)	100	1.2	12.2	10	Alzheimer's disease(G30)	318	1.2	4.2
...	All other causes(residual)	1,386	16.4	169.1	...	All other causes(residual)	5,361	21.0	71.2
Asian or Pacific Islander, both sexes, 75-84 years					Asian or Pacific Islander, male, 1-4 years				
...	All causes	12,560	100.0	2,830.7	...	All causes	91	100.0	18.9
1	Malignant neoplasms(C00-C97)	3,363	26.8	757.9	1	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	28	30.8	5.8
2	Diseases of heart(I00-I09,I11,I13,I20-I51)	3,097	24.7	698.0	2	Malignant neoplasms(C00-C97)	9	9.9	*
3	Cerebrovascular diseases(I60-I69)	1,109	8.8	249.9	3	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	8	8.8	*
4	Diabetes mellitus(E10-E14)	555	4.4	125.1	4	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	5	5.5	*
5	Chronic lower respiratory diseases(J40-J47)	522	4.2	117.6	5	Septicemia(A40-A41)	4	4.4	*
6	Influenza and pneumonia(J09-J18) [†]	397	3.2	89.5	6	Diseases of heart(I00-I09,I11,I13,I20-I51)	3	3.3	*
7	Nephritis, nephrotic syndrome and nephrosis(N00-N07,N17-N19,N25-N27)	335	2.7	75.5	7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00-D48)	1	1.1	*
8	Alzheimer's disease(G30)	312	2.5	70.3	7	Essential hypertension and hypertensive renal disease(I10,I12,I15)	1	1.1	*
9	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	307	2.4	69.2	7	Influenza and pneumonia(J09-J18) [†]	1	1.1	*
10	Essential hypertension and hypertensive renal disease(I10,I12,I15)	213	1.7	48.0	7	Acute bronchitis and bronchiolitis(J20-J21)	1	1.1	*
...	All other causes(residual)	2,350	18.7	529.6	...	All other causes(residual)	30	33.0	6.2

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Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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Asian or Pacific Islander, male, 5–9 years					Asian or Pacific Islander, male, 15–19 years							
...	All causes	56	100.0	10.0	...	All causes	186	100.0	36.7			
1	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	19	33.9	*	1	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	64	34.4	12.6			
2	Malignant neoplasms(C00–C97)	13	23.2	*	2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	38	20.4	7.5			
3	Congenital malformations, deformations and chromosomal abnormalities(Q00–Q99)	3	5.4	*	3	Malignant neoplasms(C00–C97)	20	10.8	3.9			
4	Influenza and pneumonia(J09–J18) ⁴	2	3.6	*	4	Assault (homicide)(*U01–*U02,X85–Y09,Y87.1)	11	5.9	*			
4	Assault (homicide)(*U01–*U02,X85–Y09,Y87.1)	2	3.6	*	5	Diseases of heart(I00–I09,I11,I13,I20–I51)	9	4.8	*			
6	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00–D48)	1	1.8	*	6	Congenital malformations, deformations and chromosomal abnormalities(Q00–Q99)	6	3.2	*			
6	Diseases of heart(I00–I09,I11,I13,I20–I51)	1	1.8	*	7	Influenza and pneumonia(J09–J18) ⁴	5	2.7	*			
6	Chronic lower respiratory diseases(J40–J47)	1	1.8	*	8	Septicemia(A40–A41)	3	1.6	*			
...	All other causes(residual)	14	25.0	*	9	Diabetes mellitus(E10–E14)	2	1.1	*			
Asian or Pacific Islander, male, 10–14 years					Asian or Pacific Islander, male, 20–24 years							
...	All causes	66	100.0	13.3	...	All causes	325	100.0	61.5			
1	Malignant neoplasms(C00–C97)	15	22.7	*	1	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	121	37.2	22.9			
2	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	10	15.2	*	2	Intentional self-harm (suicide)(*U03,X60–X84,Y87.0)	61	18.8	11.6			
3	Congenital malformations, deformations and chromosomal abnormalities(Q00–Q99)	6	9.1	*	3	Assault (homicide)(*U01–*U02,X85–Y09,Y87.1)	44	13.5	8.3			
4	Diseases of heart(I00–I09,I11,I13,I20–I51)	5	7.6	*	4	Malignant neoplasms(C00–C97)	25	7.7	4.7			
5	Assault (homicide)(*U01–*U02,X85–Y09,Y87.1)	4	6.1	*	5	Diseases of heart(I00–I09,I11,I13,I20–I51)	17	5.2	*			
6	Cerebrovascular diseases(I60–I69)	2	3.0	*	6	Cerebrovascular diseases(I60–I69)	5	1.5	*			
6	Influenza and pneumonia(J09–J18) ⁴	2	3.0	*	7	Influenza and pneumonia(J09–J18) ⁴	4	1.2	*			
6	Intentional self-harm (suicide)(*U03,X60–X84,Y87.0)	2	3.0	*	8	Anemias(D50–D64)	2	0.6	*			
9	Meningitis(G00,G03)	1	1.5	*	8	Nephritis, nephrotic syndrome and nephrosis(N00–N07,N17–N19,N25–N27)	2	0.6	*			
9	Complications of medical and surgical care(Y40–Y84,Y88)	1	1.5	*	10	Tuberculosis(A16–A19)	1	0.3	*			
...	All other causes(residual)	18	27.3	*	10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00–D48)	1	0.3	*			
See footnotes at end of table.					10 Aortic aneurysm and dissection(I71)					1	0.3	*
					10 Chronic lower respiratory diseases(J40–J47)					1	0.3	*
					10 Congenital malformations, deformations and chromosomal abnormalities(Q00–Q99)					1	0.3	*
					10 Legal intervention(Y35,Y89.0)					1	0.3	*
					10 Complications of medical and surgical care(Y40–Y84,Y88)					1	0.3	*
					... All other causes(residual)					37	11.4	7.0

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Asian or Pacific Islander, male, 25–34 years					Asian or Pacific Islander, male, 55–64 years				
...	All causes	679	100.0	53.8	...	All causes	3,709	100.0	536.0
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	179	26.4	14.2	1	Malignant neoplasms. (C00–C97)	1,407	37.9	203.3
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	130	19.1	10.3	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	940	25.3	135.9
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	81	11.9	6.4	3	Cerebrovascular diseases (I60–I69)	226	6.1	32.7
4	Malignant neoplasms. (C00–C97)	77	11.3	6.1	4	Diabetes mellitus (E10–E14)	170	4.6	24.6
5	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	48	7.1	3.8	5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	122	3.3	17.6
6	Influenza and pneumonia (J09–J18) [†]	14	2.1	*	6	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	100	2.7	14.5
7	Cerebrovascular diseases (I60–I69)	12	1.8	*	7	Chronic liver disease and cirrhosis (K70,K73–K74)	85	2.3	12.3
8	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	8	1.2	*	8	Influenza and pneumonia (J09–J18) [†]	61	1.6	8.8
9	Septicemia (A40–A41)	7	1.0	*	9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	56	1.5	8.1
9	Human immunodeficiency virus (HIV) disease (B20–B24)	7	1.0	*	10	Viral hepatitis (B15–B19)	43	1.2	6.2
...	All other causes (residual)	116	17.1	9.2	10	Chronic lower respiratory diseases (J40–J47)	43	1.2	6.2
Asian or Pacific Islander, male, 35–44 years					Asian or Pacific Islander, male, 65 years and over				
...	All causes	1,194	100.0	95.1	...	All causes	16,385	100.0	2,663.0
1	Malignant neoplasms. (C00–C97)	270	22.6	21.5	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	4,365	26.6	709.4
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	239	20.0	19.0	2	Malignant neoplasms. (C00–C97)	4,348	26.5	706.7
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	154	12.9	12.3	3	Cerebrovascular diseases (I60–I69)	1,210	7.4	196.7
4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	124	10.4	9.9	4	Chronic lower respiratory diseases (J40–J47)	778	4.7	126.4
5	Cerebrovascular diseases (I60–I69)	63	5.3	5.0	5	Influenza and pneumonia (J09–J18) [†]	652	4.0	106.0
6	Chronic liver disease and cirrhosis (K70,K73–K74)	45	3.8	3.6	6	Diabetes mellitus (E10–E14)	651	4.0	105.8
7	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	37	3.1	2.9	7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	412	2.5	67.0
8	Influenza and pneumonia (J09–J18) [†]	28	2.3	2.2	8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	405	2.5	65.8
9	Diabetes mellitus (E10–E14)	22	1.8	1.8	9	Alzheimer's disease (G30)	317	1.9	51.5
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	15	1.3	*	10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	235	1.4	38.2
...	All other causes (residual)	197	16.5	15.7	...	All other causes (residual)	3,012	18.4	489.5
Asian or Pacific Islander, male, 45–54 years					Asian or Pacific Islander, male, 65–74 years				
...	All causes	2,379	100.0	236.3	...	All causes	4,783	100.0	1,277.0
1	Malignant neoplasms. (C00–C97)	709	29.8	70.4	1	Malignant neoplasms. (C00–C97)	1,671	34.9	446.1
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	568	23.9	56.4	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,207	25.2	322.2
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	171	7.2	17.0	3	Cerebrovascular diseases (I60–I69)	299	6.3	79.8
4	Cerebrovascular diseases (I60–I69)	135	5.7	13.4	4	Diabetes mellitus (E10–E14)	246	5.1	65.7
5	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	115	4.8	11.4	5	Chronic lower respiratory diseases (J40–J47)	148	3.1	39.5
6	Diabetes mellitus (E10–E14)	93	3.9	9.2	6	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	113	2.4	30.2
7	Chronic liver disease and cirrhosis (K70,K73–K74)	76	3.2	7.5	7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	112	2.3	29.9
8	Viral hepatitis (B15–B19)	40	1.7	4.0	8	Influenza and pneumonia (J09–J18) [†]	98	2.0	26.2
9	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	39	1.6	3.9	9	Septicemia (A40–A41)	68	1.4	18.2
10	Influenza and pneumonia (J09–J18) [†]	35	1.5	3.5	10	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	53	1.1	14.1
...	All other causes (residual)	398	16.7	39.5	...	All other causes (residual)	768	16.1	205.0

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Asian or Pacific Islander, male, 75–84 years					Asian or Pacific Islander, female, 1–4 years				
...	All causes	6,167	100.0	3,406.3	...	All causes	58	100.0	12.4
1	Malignant neoplasms (C00–C97)	1,763	28.6	973.8	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	21	36.2	4.5
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,560	25.3	861.7	2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	8	13.8	*
3	Cerebrovascular diseases (I60–I69)	496	8.0	274.0	3	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	5	8.6	*
4	Chronic lower respiratory diseases (J40–J47)	307	5.0	169.6	4	Malignant neoplasms (C00–C97)	4	6.9	*
5	Diabetes mellitus (E10–E14)	232	3.8	128.1	4	Diseases of heart (I00–I09,I11,I13,I20–I51)	4	6.9	*
6	Influenza and pneumonia (J09–J18) ⁴	224	3.6	123.7	6	Influenza and pneumonia (J09–J18) ⁴	2	3.4	*
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	159	2.6	87.8	7	Septicemia (A40–A41)	1	1.7	*
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	146	2.4	80.6	7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	1	1.7	*
9	Alzheimer's disease (G30)	107	1.7	59.1	7	Nutritional deficiencies (E40–E64)	1	1.7	*
10	Parkinson's disease (G20–G21)	100	1.6	55.2	7	Meningitis (G00,G03)	1	1.7	*
...	All other causes (residual)	1,073	17.4	592.7	7	Chronic lower respiratory diseases (J40–J47)	1	1.7	*
Asian or Pacific Islander, male, 85 years and over					7	Hernia (K40–K46)	1	1.7	*
...	All causes	5,435	100.0	9,109.2	7	Enterocolitis due to <i>Clostridium</i> <i>difficile</i> (A04.7)	1	1.7	*
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,598	29.4	2,678.3	...	All other causes (residual)	7	12.1	*
2	Malignant neoplasms (C00–C97)	914	16.8	1,531.9	Asian or Pacific Islander, female, 5–9 years				
3	Cerebrovascular diseases (I60–I69)	415	7.6	695.6	...	All causes	66	100.0	12.1
4	Influenza and pneumonia (J09–J18) ⁴	330	6.1	553.1	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	13	19.7	*
5	Chronic lower respiratory diseases (J40–J47)	323	5.9	541.4	2	Malignant neoplasms (C00–C97)	11	16.7	*
6	Alzheimer's disease (G30)	189	3.5	316.8	3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	7	10.6	*
7	Diabetes mellitus (E10–E14)	173	3.2	290.0	4	Diseases of heart (I00–I09,I11,I13,I20–I51)	6	9.1	*
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	146	2.7	244.7	5	Influenza and pneumonia (J09–J18) ⁴	4	6.1	*
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	141	2.6	236.3	5	Chronic lower respiratory diseases (J40–J47)	4	6.1	*
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	97	1.8	162.6	7	Meningitis (G00,G03)	2	3.0	*
...	All other causes (residual)	1,109	20.4	1,858.7	7	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	2	3.0	*
Asian or Pacific Islander, female, all ages ³					9	Cerebrovascular diseases (I60–I69)	1	1.5	*
...	All causes	23,665	100.0	295.9	9	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1	1.5	*
1	Malignant neoplasms (C00–C97)	6,377	26.9	79.7	...	All other causes (residual)	15	22.7	*
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	5,137	21.7	64.2	Asian or Pacific Islander, female, 10–14 years				
3	Cerebrovascular diseases (I60–I69)	1,981	8.4	24.8	...	All causes	43	100.0	8.9
4	Diabetes mellitus (E10–E14)	903	3.8	11.3	1	Malignant neoplasms (C00–C97)	8	18.6	*
5	Influenza and pneumonia (J09–J18) ⁴	759	3.2	9.5	2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	5	11.6	*
6	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	756	3.2	9.5	3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	4	9.3	*
7	Alzheimer's disease (G30)	706	3.0	8.8	4	Diseases of heart (I00–I09,I11,I13,I20–I51)	3	7.0	*
8	Chronic lower respiratory diseases (J40–J47)	616	2.6	7.7	4	Influenza and pneumonia (J09–J18) ⁴	3	7.0	*
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	544	2.3	6.8	4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	3	7.0	*
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	410	1.7	5.1	7	Diseases of appendix (K35–K38)	1	2.3	*
...	All other causes (residual)	5,476	23.1	68.5	7	Hernia (K40–K46)	1	2.3	*
See footnotes at end of table.					7	Certain conditions originating in the perinatal period (P00–P96)	1	2.3	*
					...	All other causes (residual)	14	32.6	*

Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Asian or Pacific Islander, female, 15–19 years					Asian or Pacific Islander, female, 35–44 years				
...	All causes	92	100.0	19.1	...	All causes	720	100.0	54.1
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	29	31.5	6.0	1	Malignant neoplasms. (C00–C97)	302	41.9	22.7
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	20	21.7	4.2	2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	56	7.8	4.2
3	Malignant neoplasms. (C00–C97)	11	12.0	*	3	Diseases of heart (I00–I09,I11,I13,I20–I51)	51	7.1	3.8
4	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	5	5.4	*	4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	50	6.9	3.8
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	3	3.3	*	5	Cerebrovascular diseases (I60–I69)	49	6.8	3.7
5	Influenza and pneumonia (J09–J18) ⁴	3	3.3	*	6	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	25	3.5	1.9
5	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	3	3.3	*	7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	11	1.5	*
8	Chronic lower respiratory diseases (J40–J47)	2	2.2	*	7	Pregnancy, childbirth and the puerperium (O00–O99)	11	1.5	*
9	Septicemia (A40–A41)	1	1.1	*	9	Diabetes mellitus (E10–E14)	10	1.4	*
9	Pregnancy, childbirth and the puerperium (O00–O99)	1	1.1	*	9	Influenza and pneumonia (J09–J18) ⁴	10	1.4	*
...	All other causes (residual)	14	15.2	*	9	Chronic liver disease and cirrhosis (K70,K73–K74)	10	1.4	*
Asian or Pacific Islander, female, 20–24 years					...	All other causes (residual)	135	18.8	10.1
...	All causes	160	100.0	31.3	Asian or Pacific Islander, female, 45–54 years				
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	42	26.3	8.2	...	All causes	1,460	100.0	131.5
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	33	20.6	6.5	1	Malignant neoplasms. (C00–C97)	721	49.4	65.0
3	Malignant neoplasms. (C00–C97)	19	11.9	*	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	136	9.3	12.3
4	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	14	8.8	*	3	Cerebrovascular diseases (I60–I69)	112	7.7	10.1
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	8	5.0	*	4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	62	4.2	5.6
6	Cerebrovascular diseases (I60–I69)	6	3.8	*	5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	51	3.5	4.6
7	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	5	3.1	*	6	Influenza and pneumonia (J09–J18) ⁴	34	2.3	3.1
8	Pregnancy, childbirth and the puerperium (O00–O99)	4	2.5	*	7	Diabetes mellitus (E10–E14)	28	1.9	2.5
9	Influenza and pneumonia (J09–J18) ⁴	3	1.9	*	8	Chronic liver disease and cirrhosis (K70,K73–K74)	26	1.8	2.3
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	3	1.9	*	9	Septicemia (A40–A41)	21	1.4	1.9
...	All other causes (residual)	23	14.4	4.5	9	Viral hepatitis (B15–B19)	21	1.4	1.9
Asian or Pacific Islander, female, 25–34 years					...	All other causes (residual)	248	17.0	22.3
...	All causes	386	100.0	29.0	Asian or Pacific Islander, female, 55–64 years				
1	Malignant neoplasms. (C00–C97)	86	22.3	6.5	...	All causes	2,588	100.0	317.8
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	72	18.7	5.4	1	Malignant neoplasms. (C00–C97)	1,272	49.1	156.2
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	56	14.5	4.2	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	339	13.1	41.6
4	Influenza and pneumonia (J09–J18) ⁴	21	5.4	1.6	3	Cerebrovascular diseases (I60–I69)	181	7.0	22.2
5	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	19	4.9	*	4	Diabetes mellitus (E10–E14)	112	4.3	13.8
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	15	3.9	*	5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	68	2.6	8.3
6	Cerebrovascular diseases (I60–I69)	15	3.9	*	6	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	38	1.5	4.7
6	Pregnancy, childbirth and the puerperium (O00–O99)	15	3.9	*	7	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	35	1.4	4.3
9	Septicemia (A40–A41)	4	1.0	*	8	Influenza and pneumonia (J09–J18) ⁴	34	1.3	4.2
9	Human immunodeficiency virus (HIV) disease (B20–B24)	4	1.0	*	8	Chronic lower respiratory diseases (J40–J47)	34	1.3	4.2
...	All other causes (residual)	79	20.5	5.9	10	Septicemia (A40–A41)	33	1.3	4.1
					...	All other causes (residual)	442	17.1	54.3

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Table 1. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2009—Con.

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Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Asian or Pacific Islander, female, 65 years and over					Asian or Pacific Islander, female, 75–84 years				
...	All causes	17,676	100.0	2,178.6	...	All causes	6,393	100.0	2,434.0
1	Diseases of heart(I00–I09,I11,I13,I20–I51)	4,566	25.8	562.8	1	Malignant neoplasms.(C00–C97)	1,600	25.0	609.2
2	Malignant neoplasms.(C00–C97)	3,941	22.3	485.7	2	Diseases of heart(I00–I09,I11,I13,I20–I51)	1,537	24.0	585.2
3	Cerebrovascular diseases(I60–I69)	1,617	9.1	199.3	3	Cerebrovascular diseases(I60–I69)	613	9.6	233.4
4	Diabetes mellitus(E10–E14)	751	4.2	92.6	4	Diabetes mellitus(E10–E14)	323	5.1	123.0
5	Alzheimer's disease(G30)	706	4.0	87.0	5	Chronic lower respiratory diseases(J40–J47)	215	3.4	81.9
6	Influenza and pneumonia(J09–J18) ⁴	638	3.6	78.6	6	Alzheimer's disease(G30)	205	3.2	78.1
7	Chronic lower respiratory diseases(J40–J47)	549	3.1	67.7	7	Nephritis, nephrotic syndrome and nephrosis(N00–N07,N17–N19,N25–N27)	176	2.8	67.0
8	Nephritis, nephrotic syndrome and nephrosis(N00–N07,N17–N19,N25–N27)	471	2.7	58.1	8	Influenza and pneumonia(J09–J18) ⁴	173	2.7	65.9
9	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	399	2.3	49.2	9	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	161	2.5	61.3
10	Essential hypertension and hypertensive renal disease(I10,I12,I15)	378	2.1	46.6	10	Essential hypertension and hypertensive renal disease(I10,I12,I15)	121	1.9	46.1
...	All other causes(residual)	3,660	20.7	451.1	...	All other causes(residual)	1,269	19.8	483.1
Asian or Pacific Islander, female, 65–74 years					Asian or Pacific Islander, female, 85 years and over				
...	All causes	3,657	100.0	821.7	...	All causes	7,626	100.0	7,356.0
1	Malignant neoplasms.(C00–C97)	1,416	38.7	318.2	1	Diseases of heart(I00–I09,I11,I13,I20–I51)	2,322	30.4	2,239.8
2	Diseases of heart(I00–I09,I11,I13,I20–I51)	707	19.3	158.9	2	Malignant neoplasms.(C00–C97)	925	12.1	892.3
3	Cerebrovascular diseases(I60–I69)	289	7.9	64.9	3	Cerebrovascular diseases(I60–I69)	715	9.4	689.7
4	Diabetes mellitus(E10–E14)	160	4.4	36.0	4	Alzheimer's disease(G30)	472	6.2	455.3
5	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	102	2.8	22.9	5	Influenza and pneumonia(J09–J18) ⁴	392	5.1	378.1
6	Nephritis, nephrotic syndrome and nephrosis(N00–N07,N17–N19,N25–N27)	101	2.8	22.7	6	Diabetes mellitus(E10–E14)	268	3.5	258.5
7	Chronic lower respiratory diseases(J40–J47)	88	2.4	19.8	7	Chronic lower respiratory diseases(J40–J47)	246	3.2	237.3
8	Influenza and pneumonia(J09–J18) ⁴	73	2.0	16.4	8	Essential hypertension and hypertensive renal disease(I10,I12,I15)	203	2.7	195.8
9	Septicemia(A40–A41)	56	1.5	12.6	9	Nephritis, nephrotic syndrome and nephrosis(N00–N07,N17–N19,N25–N27)	194	2.5	187.1
10	Essential hypertension and hypertensive renal disease(I10,I12,I15)	54	1.5	12.1	10	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	136	1.8	131.2
...	All other causes(residual)	611	16.7	137.3	...	All other causes(residual)	1,753	23.0	1,690.9

... Category not applicable.

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

¹Based on number of deaths; see Technical Notes.

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

³Includes deaths for "Under 1 year."

⁴The title of ICD-10 code J09 was amended in 2009 to reflect the inclusion of Influenza A/H1N1 pandemic 2009 (swine flu). The new J09 title is Influenza due to certain influenza virus; see Technical Notes.

SOURCE: CDC/NCHS, National Vital Statistics System, Mortality.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009

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

Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Hispanic, both sexes, all ages ³					Hispanic, both sexes, 10-14 years				
...	All causes	141,576	100.0	292.4	...	All causes	619	100.0	15.2
1	Malignant neoplasms(C00-C97)	29,935	21.1	61.8	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	171	27.6	4.2
2	Diseases of heart(I00-I09,I11,I13,I20-I51)	29,611	20.9	61.2	2	Malignant neoplasms(C00-C97)	101	16.3	2.5
3	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	10,654	7.5	22.0	3	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	47	7.6	1.2
4	Cerebrovascular diseases(I60-I69)	7,065	5.0	14.6	4	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	44	7.1	1.1
5	Diabetes mellitus(E10-E14)	6,311	4.5	13.0	5	Influenza and pneumonia(J09-J18) ⁴	33	5.3	0.8
6	Chronic liver disease and cirrhosis(K70,K73-K74)	4,303	3.0	8.9	6	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	31	5.0	0.8
7	Chronic lower respiratory diseases(J40-J47)	4,026	2.8	8.3	7	Diseases of heart(I00-I09,I11,I13,I20-I51)	22	3.6	0.5
8	Influenza and pneumonia(J09-J18) ⁴	3,679	2.6	7.6	8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00-D48)	14	2.3	*
9	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	3,179	2.2	6.6	9	Septicemia(A40-A41)	8	1.3	*
10	Nephritis, nephrotic syndrome and nephrosis(N00-N07,N17-N19,N25-N27)	3,107	2.2	6.4	10	Chronic lower respiratory diseases(J40-J47)	7	1.1	*
...	All other causes(residual)	39,706	28.0	82.0	...	All other causes(residual)	141	22.8	3.5
Hispanic, both sexes, 1-4 years					Hispanic, both sexes, 15-19 years				
...	All causes	1,004	100.0	22.9	...	All causes	2,087	100.0	51.8
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	324	32.3	7.4	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	782	37.5	19.4
2	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	124	12.4	2.8	2	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	512	24.5	12.7
3	Malignant neoplasms(C00-C97)	99	9.9	2.3	3	Intentional self-harm (suicide)(*U03,X60-X84,Y87.0)	242	11.6	6.0
4	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	75	7.5	1.7	4	Malignant neoplasms(C00-C97)	131	6.3	3.2
5	Influenza and pneumonia(J09-J18) ⁴	34	3.4	0.8	5	Diseases of heart(I00-I09,I11,I13,I20-I51)	50	2.4	1.2
6	Diseases of heart(I00-I09,I11,I13,I20-I51)	26	2.6	0.6	6	Influenza and pneumonia(J09-J18) ⁴	38	1.8	0.9
7	Septicemia(A40-A41)	17	1.7	*	7	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	34	1.6	0.8
8	Chronic lower respiratory diseases(J40-J47)	13	1.3	*	8	Cerebrovascular diseases(I60-I69)	18	0.9	*
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00-D48)	11	1.1	*	9	Septicemia(A40-A41)	17	0.8	*
9	Cerebrovascular diseases(I60-I69)	11	1.1	*	10	Pregnancy, childbirth and the puerperium(O00-O99)	12	0.6	*
...	All other causes(residual)	270	26.9	6.2	...	All other causes(residual)	251	12.0	6.2
Hispanic, both sexes, 5-9 years					Hispanic, both sexes, 20-24 years				
...	All causes	553	100.0	11.5	...	All causes	3,100	100.0	79.8
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	161	29.1	3.4	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,217	39.3	31.3
2	Malignant neoplasms(C00-C97)	115	20.8	2.4	2	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	656	21.2	16.9
3	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	38	6.9	0.8	3	Intentional self-harm (suicide)(*U03,X60-X84,Y87.0)	341	11.0	8.8
4	Influenza and pneumonia(J09-J18) ⁴	30	5.4	0.6	4	Malignant neoplasms(C00-C97)	189	6.1	4.9
5	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	27	4.9	0.6	5	Diseases of heart(I00-I09,I11,I13,I20-I51)	98	3.2	2.5
6	Diseases of heart(I00-I09,I11,I13,I20-I51)	20	3.6	0.4	6	Influenza and pneumonia(J09-J18) ⁴	50	1.6	1.3
7	Chronic lower respiratory diseases(J40-J47)	12	2.2	*	7	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	37	1.2	1.0
8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00-D48)	10	1.8	*	8	Pregnancy, childbirth and the puerperium(O00-O99)	29	0.9	0.7
9	Septicemia(A40-A41)	7	1.3	*	9	Human immunodeficiency virus (HIV) disease(B20-B24)	26	0.8	0.7
9	Cerebrovascular diseases(I60-I69)	7	1.3	*	10	Cerebrovascular diseases(I60-I69)	24	0.8	0.6
...	All other causes(residual)	126	22.8	2.6	...	All other causes(residual)	433	14.0	11.1

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Hispanic, both sexes, 25-34 years					Hispanic, both sexes, 55-64 years				
...	All causes	6,369	100.0	77.9	...	All causes	19,251	100.0	642.9
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	2,054	32.2	25.1	1	Malignant neoplasms. (C00-C97)	5,972	31.0	199.4
2	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	845	13.3	10.3	2	Diseases of heart (I00-I09,I11,I13,I20-I51)	4,036	21.0	134.8
3	Malignant neoplasms. (C00-C97)	628	9.9	7.7	3	Chronic liver disease and cirrhosis (K70,K73-K74)	1,169	6.1	39.0
4	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	598	9.4	7.3	4	Diabetes mellitus (E10-E14)	1,168	6.1	39.0
5	Diseases of heart (I00-I09,I11,I13,I20-I51)	383	6.0	4.7	5	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	884	4.6	29.5
6	Influenza and pneumonia (J09-J18) [†]	178	2.8	2.2	6	Cerebrovascular diseases (I60-I69)	858	4.5	28.7
7	Chronic liver disease and cirrhosis (K70,K73-K74)	124	1.9	1.5	7	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	455	2.4	15.2
8	Human immunodeficiency virus (HIV) disease (B20-B24)	123	1.9	1.5	8	Viral hepatitis (B15-B19)	391	2.0	13.1
9	Cerebrovascular diseases (I60-I69)	117	1.8	1.4	9	Septicemia (A40-A41)	344	1.8	11.5
10	Diabetes mellitus (E10-E14)	90	1.4	1.1	10	Chronic lower respiratory diseases (J40-J47)	324	1.7	10.8
...	All other causes (residual)	1,229	19.3	15.0	...	All other causes (residual)	3,650	19.0	121.9
Hispanic, both sexes, 35-44 years					Hispanic, both sexes, 65 years and over				
...	All causes	8,640	100.0	122.3	...	All causes	79,274	100.0	2,871.2
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,756	20.3	24.9	1	Diseases of heart (I00-I09,I11,I13,I20-I51)	21,455	27.1	777.1
2	Malignant neoplasms. (C00-C97)	1,513	17.5	21.4	2	Malignant neoplasms. (C00-C97)	17,438	22.0	631.6
3	Diseases of heart (I00-I09,I11,I13,I20-I51)	924	10.7	13.1	3	Cerebrovascular diseases (I60-I69)	5,081	6.4	184.0
4	Assault (homicide) (*U01-U02,X85-Y09,Y87.1)	516	6.0	7.3	4	Diabetes mellitus (E10-E14)	4,195	5.3	151.9
5	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	506	5.9	7.2	5	Chronic lower respiratory diseases (J40-J47)	3,370	4.3	122.1
6	Chronic liver disease and cirrhosis (K70,K73-K74)	482	5.6	6.8	6	Alzheimer's disease (G30)	2,939	3.7	106.4
7	Human immunodeficiency virus (HIV) disease (B20-B24)	360	4.2	5.1	7	Influenza and pneumonia (J09-J18) [†]	2,316	2.9	83.9
8	Cerebrovascular diseases (I60-I69)	285	3.3	4.0	8	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	2,190	2.8	79.3
9	Influenza and pneumonia (J09-J18) [†]	263	3.0	3.7	9	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,549	2.0	56.1
10	Diabetes mellitus (E10-E14)	215	2.5	3.0	10	Chronic liver disease and cirrhosis (K70,K73-K74)	1,328	1.7	48.1
...	All other causes (residual)	1,820	21.1	25.8	...	All other causes (residual)	17,413	22.0	630.7
Hispanic, both sexes, 45-54 years					Hispanic, both sexes, 65-74 years				
...	All causes	15,226	100.0	294.6	...	All causes	22,379	100.0	1,428.6
1	Malignant neoplasms. (C00-C97)	3,732	24.5	72.2	1	Malignant neoplasms. (C00-C97)	6,951	31.1	443.7
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	2,500	16.4	48.4	2	Diseases of heart (I00-I09,I11,I13,I20-I51)	5,168	23.1	329.9
3	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,560	10.2	30.2	3	Diabetes mellitus (E10-E14)	1,464	6.5	93.5
4	Chronic liver disease and cirrhosis (K70,K73-K74)	1,191	7.8	23.0	4	Cerebrovascular diseases (I60-I69)	1,168	5.2	74.6
5	Cerebrovascular diseases (I60-I69)	628	4.1	12.2	5	Chronic liver disease and cirrhosis (K70,K73-K74)	736	3.3	47.0
6	Diabetes mellitus (E10-E14)	612	4.0	11.8	6	Chronic lower respiratory diseases (J40-J47)	693	3.1	44.2
7	Human immunodeficiency virus (HIV) disease (B20-B24)	451	3.0	8.7	7	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	666	3.0	42.5
8	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	403	2.6	7.8	8	Influenza and pneumonia (J09-J18) [†]	513	2.3	32.7
9	Viral hepatitis (B15-B19)	379	2.5	7.3	9	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	505	2.3	32.2
10	Influenza and pneumonia (J09-J18) [†]	368	2.4	7.1	10	Septicemia (A40-A41)	384	1.7	24.5
...	All other causes (residual)	3,402	22.3	65.8	...	All other causes (residual)	4,131	18.5	263.7

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Hispanic, both sexes, 75–84 years					Hispanic, male, 1–4 years				
...	All causes	30,498	100.0	3,504.0	...	All causes	539	100.0	24.1
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	8,025	26.3	922.0	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	208	38.6	9.3
2	Malignant neoplasms (C00–C97)	7,110	23.3	816.9	2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	58	10.8	2.6
3	Cerebrovascular diseases (I60–I69)	2,012	6.6	231.2	3	Malignant neoplasms (C00–C97)	44	8.2	2.0
4	Diabetes mellitus (E10–E14)	1,746	5.7	200.6	4	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	32	5.9	1.4
5	Chronic lower respiratory diseases (J40–J47)	1,423	4.7	163.5	5	Influenza and pneumonia (J09–J18) ⁴	16	3.0	*
6	Alzheimer’s disease (G30)	975	3.2	112.0	6	Septicemia (A40–A41)	12	2.2	*
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	881	2.9	101.2	7	Diseases of heart (I00–I09,I11,I13,I20–I51)	11	2.0	*
8	Influenza and pneumonia (J09–J18) ⁴	847	2.8	97.3	8	Chronic lower respiratory diseases (J40–J47)	6	1.1	*
9	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	570	1.9	65.5	9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	5	0.9	*
10	Septicemia (A40–A41)	498	1.6	57.2	9	Cerebrovascular diseases (I60–I69)	5	0.9	*
...	All other causes (residual)	6,411	21.0	736.6	...	All other causes (residual)	142	26.3	6.3
Hispanic, both sexes, 85 years and over					Hispanic, male, 5–9 years				
...	All causes	26,397	100.0	8,145.3	...	All causes	288	100.0	11.8
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	8,262	31.3	2,549.4	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	83	28.8	3.4
2	Malignant neoplasms (C00–C97)	3,377	12.8	1,042.0	2	Malignant neoplasms (C00–C97)	65	22.6	2.7
3	Cerebrovascular diseases (I60–I69)	1,901	7.2	586.6	3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	21	7.3	0.9
4	Alzheimer’s disease (G30)	1,764	6.7	544.3	4	Influenza and pneumonia (J09–J18) ⁴	16	5.6	*
5	Chronic lower respiratory diseases (J40–J47)	1,254	4.8	386.9	5	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	10	3.5	*
6	Diabetes mellitus (E10–E14)	985	3.7	303.9	6	Diseases of heart (I00–I09,I11,I13,I20–I51)	8	2.8	*
7	Influenza and pneumonia (J09–J18) ⁴	956	3.6	295.0	6	Chronic lower respiratory diseases (J40–J47)	8	2.8	*
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	643	2.4	198.4	8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	5	1.7	*
9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	488	1.8	150.6	9	Cerebrovascular diseases (I60–I69)	4	1.4	*
10	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	474	1.8	146.3	10	Septicemia (A40–A41)	1	0.3	*
...	All other causes (residual)	6,293	23.8	1,941.8	10	Anemias (D50–D64)	1	0.3	*
Hispanic, male, all ages ³					10	Diabetes mellitus (E10–E14)	1	0.3	*
...	All causes	78,157	100.0	311.9	10	Aortic aneurysm and dissection (I71)	1	0.3	*
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	16,301	20.9	65.1	10	Certain conditions originating in the perinatal period (P00–P96)	1	0.3	*
2	Malignant neoplasms (C00–C97)	15,772	20.2	62.9	10	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1	0.3	*
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	7,841	10.0	31.3	...	All other causes (residual)	62	21.5	2.5
4	Cerebrovascular diseases (I60–I69)	3,288	4.2	13.1					
5	Diabetes mellitus (E10–E14)	3,212	4.1	12.8					
6	Chronic liver disease and cirrhosis (K70,K73–K74)	2,969	3.8	11.8					
7	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	2,635	3.4	10.5					
8	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	2,135	2.7	8.5					
9	Chronic lower respiratory diseases (J40–J47)	2,024	2.6	8.1					
10	Influenza and pneumonia (J09–J18) ⁴	1,882	2.4	7.5					
...	All other causes (residual)	20,098	25.7	80.2					

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

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Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Hispanic, male, 10–14 years					Hispanic, male, 20–24 years				
...	All causes	362	100.0	17.4	...	All causes	2,454	100.0	118.7
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	107	29.6	5.1	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,013	41.3	49.0
2	Malignant neoplasms (C00–C97)	53	14.6	2.5	2	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	587	23.9	28.4
3	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	36	9.9	1.7	3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	300	12.2	14.5
4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	31	8.6	1.5	4	Malignant neoplasms (C00–C97)	133	5.4	6.4
5	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	18	5.0	*	5	Diseases of heart (I00–I09,I11,I13,I20–I51)	68	2.8	3.3
6	Influenza and pneumonia (J09–J18) ^d	17	4.7	*	6	Influenza and pneumonia (J09–J18) ^d	21	0.9	1.0
7	Diseases of heart (I00–I09,I11,I13,I20–I51)	12	3.3	*	7	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	20	0.8	1.0
8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	9	2.5	*	8	Human immunodeficiency virus (HIV) disease (B20–B24)	16	0.7	*
9	Chronic lower respiratory diseases (J40–J47)	6	1.7	*	9	Cerebrovascular diseases (I60–I69)	13	0.5	*
10	Diabetes mellitus (E10–E14)	3	0.8	*	9	Legal intervention (Y35,Y89.0)	13	0.5	*
...	All other causes (residual)	70	19.3	3.4	...	All other causes (residual)	270	11.0	13.1
Hispanic, male, 15–19 years					Hispanic, male, 25–34 years				
...	All causes	1,538	100.0	73.7	...	All causes	4,688	100.0	104.1
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	577	37.5	27.6	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,674	35.7	37.2
2	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	457	29.7	21.9	2	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	721	15.4	16.0
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	188	12.2	9.0	3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	501	10.7	11.1
4	Malignant neoplasms (C00–C97)	71	4.6	3.4	4	Malignant neoplasms (C00–C97)	336	7.2	7.5
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	33	2.1	1.6	5	Diseases of heart (I00–I09,I11,I13,I20–I51)	272	5.8	6.0
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	20	1.3	1.0	6	Influenza and pneumonia (J09–J18) ^d	112	2.4	2.5
7	Influenza and pneumonia (J09–J18) ^d	19	1.2	*	7	Human immunodeficiency virus (HIV) disease (B20–B24)	107	2.3	2.4
8	Cerebrovascular diseases (I60–I69)	12	0.8	*	8	Chronic liver disease and cirrhosis (K70,K73–K74)	99	2.1	2.2
9	Septicemia (A40–A41)	10	0.7	*	9	Cerebrovascular diseases (I60–I69)	67	1.4	1.5
10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	3	0.2	*	10	Diabetes mellitus (E10–E14)	55	1.2	1.2
10	Anemias (D50–D64)	3	0.2	*	...	All other causes (residual)	744	15.9	16.5
10	Diabetes mellitus (E10–E14)	3	0.2	*	Hispanic, male, 35–44 years				
10	Chronic lower respiratory diseases (J40–J47)	3	0.2	*	...	All causes	5,811	100.0	153.6
10	Diseases of appendix (K35–K38)	3	0.2	*	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,396	24.0	36.9
...	All other causes (residual)	136	8.8	6.5	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	711	12.2	18.8
See footnotes at end of table.					3	Malignant neoplasms (C00–C97)	660	11.4	17.5
					4	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	423	7.3	11.2
					5	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	416	7.2	11.0
					6	Chronic liver disease and cirrhosis (K70,K73–K74)	391	6.7	10.3
					7	Human immunodeficiency virus (HIV) disease (B20–B24)	278	4.8	7.4
					8	Cerebrovascular diseases (I60–I69)	170	2.9	4.5
					8	Influenza and pneumonia (J09–J18) ^d	170	2.9	4.5
					10	Diabetes mellitus (E10–E14)	131	2.3	3.5
					...	All other causes (residual)	1,065	18.3	28.2

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Hispanic, male, 45–54 years					Hispanic, male, 65–74 years				
...	All causes	9,955	100.0	375.8	...	All causes	12,623	100.0	1,783.0
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,874	18.8	70.7	1	Malignant neoplasms (C00–C97)	3,851	30.5	543.9
2	Malignant neoplasms (C00–C97)	1,867	18.8	70.5	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	3,189	25.3	450.4
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,166	11.7	44.0	3	Diabetes mellitus (E10–E14)	799	6.3	112.9
4	Chronic liver disease and cirrhosis (K70,K73–K74)	931	9.4	35.1	4	Cerebrovascular diseases (I60–I69)	653	5.2	92.2
5	Diabetes mellitus (E10–E14)	392	3.9	14.8	5	Chronic liver disease and cirrhosis (K70,K73–K74)	456	3.6	64.4
6	Cerebrovascular diseases (I60–I69)	387	3.9	14.6	6	Chronic lower respiratory diseases (J40–J47)	392	3.1	55.4
7	Human immunodeficiency virus (HIV) disease (B20–B24)	362	3.6	13.7	7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	343	2.7	48.4
8	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	335	3.4	12.6	8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	310	2.5	43.8
9	Viral hepatitis (B15–B19)	275	2.8	10.4	9	Influenza and pneumonia (J09–J18) ⁴	270	2.1	38.1
10	Influenza and pneumonia (J09–J18) ⁴	220	2.2	8.3	10	Septicemia (A40–A41)	192	1.5	27.1
...	All other causes (residual)	2,146	21.6	81.0	...	All other causes (residual)	2,168	17.2	306.2
Hispanic, male, 55–64 years					Hispanic, male, 75–84 years				
...	All causes	11,941	100.0	822.5	...	All causes	14,911	100.0	4,109.9
1	Malignant neoplasms (C00–C97)	3,251	27.2	223.9	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	4,110	27.6	1,132.8
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	2,851	23.9	196.4	2	Malignant neoplasms (C00–C97)	3,828	25.7	1,055.1
3	Chronic liver disease and cirrhosis (K70,K73–K74)	846	7.1	58.3	3	Cerebrovascular diseases (I60–I69)	858	5.8	236.5
4	Diabetes mellitus (E10–E14)	698	5.8	48.1	4	Diabetes mellitus (E10–E14)	758	5.1	208.9
5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	681	5.7	46.9	5	Chronic lower respiratory diseases (J40–J47)	730	4.9	201.2
6	Cerebrovascular diseases (I60–I69)	492	4.1	33.9	6	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	421	2.8	116.0
7	Viral hepatitis (B15–B19)	267	2.2	18.4	7	Influenza and pneumonia (J09–J18) ⁴	404	2.7	111.4
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	265	2.2	18.3	8	Alzheimer's disease (G30)	382	2.6	105.3
9	Influenza and pneumonia (J09–J18) ⁴	185	1.5	12.7	9	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	298	2.0	82.1
10	Septicemia (A40–A41)	182	1.5	12.5	10	Parkinson's disease (G20–G21)	250	1.7	68.9
...	All other causes (residual)	2,223	18.6	153.1	...	All other causes (residual)	2,872	19.3	791.6
Hispanic, male, 65 years and over					Hispanic, male, 85 years and over				
...	All causes	37,573	100.0	3,170.0	...	All causes	10,039	100.0	8,768.9
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	10,417	27.7	878.9	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	3,118	31.1	2,723.5
2	Malignant neoplasms (C00–C97)	9,284	24.7	783.3	2	Malignant neoplasms (C00–C97)	1,605	16.0	1,401.9
3	Cerebrovascular diseases (I60–I69)	2,118	5.6	178.7	3	Cerebrovascular diseases (I60–I69)	607	6.0	530.2
4	Diabetes mellitus (E10–E14)	1,923	5.1	162.2	4	Chronic lower respiratory diseases (J40–J47)	555	5.5	484.8
5	Chronic lower respiratory diseases (J40–J47)	1,677	4.5	141.5	5	Alzheimer's disease (G30)	481	4.8	420.1
6	Influenza and pneumonia (J09–J18) ⁴	1,069	2.8	90.2	6	Influenza and pneumonia (J09–J18) ⁴	395	3.9	345.0
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	1,044	2.8	88.1	7	Diabetes mellitus (E10–E14)	366	3.6	319.7
8	Alzheimer's disease (G30)	947	2.5	79.9	8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	280	2.8	244.6
9	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	817	2.2	68.9	9	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	209	2.1	182.6
10	Chronic liver disease and cirrhosis (K70,K73–K74)	697	1.9	58.8	10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	182	1.8	159.0
...	All other causes (residual)	7,580	20.2	639.5	...	All other causes (residual)	2,241	22.3	1,957.5

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Hispanic, female, all ages ³					Hispanic, female, 10–14 years				
...	All causes	63,419	100.0	271.5	...	All causes	257	100.0	13.0
1	Malignant neoplasms(C00–C97)	14,163	22.3	60.6	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	64	24.9	3.2
2	Diseases of heart(I00–I09,I11,I13,I20–I51)	13,310	21.0	57.0	2	Malignant neoplasms(C00–C97)	48	18.7	2.4
3	Cerebrovascular diseases(I60–I69)	3,777	6.0	16.2	3	Influenza and pneumonia(J09–J18) ⁴	16	6.2	*
4	Diabetes mellitus(E10–E14)	3,099	4.9	13.3	3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	16	6.2	*
5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	2,813	4.4	12.0	5	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	13	5.1	*
6	Alzheimer's disease(G30)	2,013	3.2	8.6	6	Diseases of heart(I00–I09,I11,I13,I20–I51)	10	3.9	*
7	Chronic lower respiratory diseases (J40–J47)	2,002	3.2	8.6	7	Assault (homicide)(*U01–*U02,X85–Y09,Y87.1)	8	3.1	*
8	Influenza and pneumonia(J09–J18) ⁴	1,797	2.8	7.7	8	Septicemia(A40–A41)	6	2.3	*
9	Nephritis, nephrotic syndrome and nephrosis(N00–N07,N17–N19,N25–N27)	1,514	2.4	6.5	9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00–D48)	5	1.9	*
10	Chronic liver disease and cirrhosis (K70,K73–K74)	1,334	2.1	5.7	10	Anemias(D50–D64)	3	1.2	*
...	All other causes(residual)	17,597	27.7	75.3	...	All other causes(residual)	68	26.5	3.4
Hispanic, female, 1–4 years					Hispanic, female, 15–19 years				
...	All causes	465	100.0	21.7	...	All causes	549	100.0	28.2
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	116	24.9	5.4	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	205	37.3	10.5
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	66	14.2	3.1	2	Malignant neoplasms(C00–C97)	60	10.9	3.1
3	Malignant neoplasms(C00–C97)	55	11.8	2.6	3	Assault (homicide)(*U01–*U02,X85–Y09,Y87.1)	55	10.0	2.8
4	Assault (homicide)(*U01–*U02,X85–Y09,Y87.1)	43	9.2	2.0	4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	54	9.8	2.8
5	Influenza and pneumonia(J09–J18) ⁴	18	3.9	*	5	Influenza and pneumonia(J09–J18) ⁴	19	3.5	*
6	Diseases of heart(I00–I09,I11,I13,I20–I51)	15	3.2	*	6	Diseases of heart(I00–I09,I11,I13,I20–I51)	17	3.1	*
7	Chronic lower respiratory diseases (J40–J47)	7	1.5	*	7	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	14	2.6	*
8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00–D48)	6	1.3	*	8	Pregnancy, childbirth and the puerperium (O00–O99)	12	2.2	*
8	Cerebrovascular diseases(I60–I69)	6	1.3	*	9	Septicemia(A40–A41)	7	1.3	*
8	Certain conditions originating in the perinatal period(P00–P96)	6	1.3	*	9	Chronic lower respiratory diseases (J40–J47)	7	1.3	*
...	All other causes(residual)	127	27.3	5.9	...	All other causes(residual)	99	18.0	5.1
Hispanic, female, 5–9 years					Hispanic, female, 20–24 years				
...	All causes	265	100.0	11.3	...	All causes	646	100.0	35.6
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	78	29.4	3.3	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	204	31.6	11.2
2	Malignant neoplasms(C00–C97)	50	18.9	2.1	2	Assault (homicide)(*U01–*U02,X85–Y09,Y87.1)	69	10.7	3.8
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	17	6.4	*	3	Malignant neoplasms(C00–C97)	56	8.7	3.1
3	Assault (homicide)(*U01–*U02,X85–Y09,Y87.1)	17	6.4	*	4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	41	6.3	2.3
5	Influenza and pneumonia(J09–J18) ⁴	14	5.3	*	5	Diseases of heart(I00–I09,I11,I13,I20–I51)	30	4.6	1.7
6	Diseases of heart(I00–I09,I11,I13,I20–I51)	12	4.5	*	6	Influenza and pneumonia(J09–J18) ⁴	29	4.5	1.6
7	Septicemia(A40–A41)	6	2.3	*	6	Pregnancy, childbirth and the puerperium (O00–O99)	29	4.5	1.6
8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00–D48)	5	1.9	*	8	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	17	2.6	*
9	Chronic lower respiratory diseases (J40–J47)	4	1.5	*	9	Diabetes mellitus(E10–E14)	11	1.7	*
10	Cerebrovascular diseases(I60–I69)	3	1.1	*	9	Cerebrovascular diseases(I60–I69)	11	1.7	*
...	All other causes(residual)	59	22.3	2.5	...	All other causes(residual)	149	23.1	8.2

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

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Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Hispanic, female, 25–34 years					Hispanic, female, 55–64 years				
...	All causes	1,681	100.0	45.7	...	All causes	7,310	100.0	473.9
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	380	22.6	10.3	1	Malignant neoplasms (C00–C97)	2,721	37.2	176.4
2	Malignant neoplasms (C00–C97)	292	17.4	7.9	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,185	16.2	76.8
3	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	124	7.4	3.4	3	Diabetes mellitus (E10–E14)	470	6.4	30.5
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	111	6.6	3.0	4	Cerebrovascular diseases (I60–I69)	366	5.0	23.7
5	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	97	5.8	2.6	5	Chronic liver disease and cirrhosis (K70,K73–K74)	323	4.4	20.9
6	Pregnancy, childbirth and the puerperium (O00–O99)	84	5.0	2.3	6	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	203	2.8	13.2
7	Influenza and pneumonia (J09–J18) [†]	66	3.9	1.8	7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	190	2.6	12.3
8	Cerebrovascular diseases (I60–I69)	50	3.0	1.4	8	Septicemia (A40–A41)	162	2.2	10.5
9	Diabetes mellitus (E10–E14)	35	2.1	1.0	9	Chronic lower respiratory diseases (J40–J47)	147	2.0	9.5
10	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	26	1.5	0.7	10	Influenza and pneumonia (J09–J18) [†]	130	1.8	8.4
...	All other causes (residual)	416	24.7	11.3	...	All other causes (residual)	1,413	19.3	91.6
Hispanic, female, 35–44 years					Hispanic, female, 65 years and over				
...	All causes	2,829	100.0	86.2	...	All causes	41,701	100.0	2,646.5
1	Malignant neoplasms (C00–C97)	853	30.2	26.0	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	11,038	26.5	700.5
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	360	12.7	11.0	2	Malignant neoplasms (C00–C97)	8,154	19.6	517.5
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	213	7.5	6.5	3	Cerebrovascular diseases (I60–I69)	2,963	7.1	188.0
4	Cerebrovascular diseases (I60–I69)	115	4.1	3.5	4	Diabetes mellitus (E10–E14)	2,272	5.4	144.2
5	Influenza and pneumonia (J09–J18) [†]	93	3.3	2.8	5	Alzheimer's disease (G30)	1,992	4.8	126.4
5	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	93	3.3	2.8	6	Chronic lower respiratory diseases (J40–J47)	1,693	4.1	107.4
7	Chronic liver disease and cirrhosis (K70,K73–K74)	91	3.2	2.8	7	Influenza and pneumonia (J09–J18) [†]	1,247	3.0	79.1
8	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	90	3.2	2.7	8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	1,146	2.7	72.7
9	Diabetes mellitus (E10–E14)	84	3.0	2.6	9	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	732	1.8	46.5
10	Human immunodeficiency virus (HIV) disease (B20–B24)	82	2.9	2.5	10	Septicemia (A40–A41)	680	1.6	43.2
...	All other causes (residual)	755	26.7	23.0	...	All other causes (residual)	9,784	23.5	620.9
Hispanic, female, 45–54 years					Hispanic, female, 65–74 years				
...	All causes	5,271	100.0	209.3	...	All causes	9,756	100.0	1,136.3
1	Malignant neoplasms (C00–C97)	1,865	35.4	74.1	1	Malignant neoplasms (C00–C97)	3,100	31.8	361.1
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	626	11.9	24.9	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,979	20.3	230.5
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	394	7.5	15.6	3	Diabetes mellitus (E10–E14)	665	6.8	77.5
4	Chronic liver disease and cirrhosis (K70,K73–K74)	260	4.9	10.3	4	Cerebrovascular diseases (I60–I69)	515	5.3	60.0
5	Cerebrovascular diseases (I60–I69)	241	4.6	9.6	5	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	323	3.3	37.6
6	Diabetes mellitus (E10–E14)	220	4.2	8.7	6	Chronic lower respiratory diseases (J40–J47)	301	3.1	35.1
7	Influenza and pneumonia (J09–J18) [†]	148	2.8	5.9	7	Chronic liver disease and cirrhosis (K70,K73–K74)	280	2.9	32.6
8	Viral hepatitis (B15–B19)	104	2.0	4.1	8	Influenza and pneumonia (J09–J18) [†]	243	2.5	28.3
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	95	1.8	3.8	9	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	195	2.0	22.7
10	Human immunodeficiency virus (HIV) disease (B20–B24)	89	1.7	3.5	10	Septicemia (A40–A41)	192	2.0	22.4
...	All other causes (residual)	1,229	23.3	48.8	...	All other causes (residual)	1,963	20.1	228.6

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Hispanic, female, 75–84 years					Non-Hispanic white, both sexes, 1–4 years				
...	All causes	15,587	100.0	3,071.0	...	All causes	2,181	100.0	24.0
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	3,915	25.1	771.3	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	773	35.4	8.5
2	Malignant neoplasms (C00–C97)	3,282	21.1	646.6	2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	230	10.5	2.5
3	Cerebrovascular diseases (I60–I69)	1,154	7.4	227.4	3	Malignant neoplasms (C00–C97)	180	8.3	2.0
4	Diabetes mellitus (E10–E14)	988	6.3	194.7	4	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	141	6.5	1.5
5	Chronic lower respiratory diseases (J40–J47)	693	4.4	136.5	5	Influenza and pneumonia (J09–J18) ⁴	75	3.4	0.8
6	Alzheimer's disease (G30)	593	3.8	116.8	6	Diseases of heart (I00–I09,I11,I13,I20–I51)	70	3.2	0.8
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	460	3.0	90.6	7	Septicemia (A40–A41)	30	1.4	0.3
8	Influenza and pneumonia (J09–J18) ⁴	443	2.8	87.3	8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	28	1.3	0.3
9	Septicemia (A40–A41)	275	1.8	54.2	9	Cerebrovascular diseases (I60–I69)	27	1.2	0.3
10	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	272	1.7	53.6	9	Certain conditions originating in the perinatal period (P00–P96)	27	1.2	0.3
...	All other causes (residual)	3,512	22.5	691.9	9	All other causes (residual)	600	27.5	6.6
Hispanic, female, 85 years and over					Non-Hispanic white, both sexes, 5–9 years				
...	All causes	16,358	100.0	7,804.6	...	All causes	1,236	100.0	10.7
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	5,144	31.4	2,454.3	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	377	30.5	3.3
2	Malignant neoplasms (C00–C97)	1,772	10.8	845.4	2	Malignant neoplasms (C00–C97)	255	20.6	2.2
3	Cerebrovascular diseases (I60–I69)	1,294	7.9	617.4	3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	110	8.9	0.9
4	Alzheimer's disease (G30)	1,283	7.8	612.1	4	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	50	4.0	0.4
5	Chronic lower respiratory diseases (J40–J47)	699	4.3	333.5	5	Diseases of heart (I00–I09,I11,I13,I20–I51)	45	3.6	0.4
6	Diabetes mellitus (E10–E14)	619	3.8	295.3	6	Influenza and pneumonia (J09–J18) ⁴	44	3.6	0.4
7	Influenza and pneumonia (J09–J18) ⁴	561	3.4	267.7	7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	19	1.5	*
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	363	2.2	173.2	8	Chronic lower respiratory diseases (J40–J47)	17	1.4	*
9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	306	1.9	146.0	9	Septicemia (A40–A41)	14	1.1	*
10	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	265	1.6	126.4	9	Cerebrovascular diseases (I60–I69)	14	1.1	*
...	All other causes (residual)	4,052	24.8	1,933.3	...	All other causes (residual)	291	23.5	2.5
Non-Hispanic white, both sexes, all ages ³					Non-Hispanic white, both sexes, 10–14 years				
...	All causes	1,944,606	100.0	961.9	...	All causes	1,631	100.0	13.9
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	485,779	25.0	240.3	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	518	31.8	4.4
2	Malignant neoplasms (C00–C97)	457,189	23.5	226.2	2	Malignant neoplasms (C00–C97)	238	14.6	2.0
3	Chronic lower respiratory diseases (J40–J47)	122,605	6.3	60.6	3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	155	9.5	1.3
4	Cerebrovascular diseases (I60–I69)	101,703	5.2	50.3	4	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	82	5.0	0.7
5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	91,416	4.7	45.2	5	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	67	4.1	0.6
6	Alzheimer's disease (G30)	69,695	3.6	34.5	6	Influenza and pneumonia (J09–J18) ⁴	60	3.7	0.5
7	Diabetes mellitus (E10–E14)	47,851	2.5	23.7	7	Diseases of heart (I00–I09,I11,I13,I20–I51)	46	2.8	0.4
8	Influenza and pneumonia (J09–J18) ⁴	42,752	2.2	21.1	8	Cerebrovascular diseases (I60–I69)	29	1.8	0.2
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	35,670	1.8	17.6	9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	20	1.2	0.2
10	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	30,813	1.6	15.2	10	Septicemia (A40–A41)	14	0.9	*
...	All other causes (residual)	459,133	23.6	227.1	...	All other causes (residual)	402	24.6	3.4

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Non-Hispanic white, both sexes, 15–19 years					Non-Hispanic white, both sexes, 35–44 years				
...	All causes	6,363	100.0	49.2	...	All causes	47,736	100.0	181.1
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	3,237	50.9	25.0	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	11,002	23.0	41.7
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1,152	18.1	8.9	2	Malignant neoplasms (C00–C97)	8,213	17.2	31.2
3	Malignant neoplasms (C00–C97)	360	5.7	2.8	3	Diseases of heart (I00–I09,I11,I13,I20–I51)	6,847	14.3	26.0
4	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	280	4.4	2.2	4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	5,508	11.5	20.9
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	162	2.5	1.3	5	Chronic liver disease and cirrhosis (K70,K73–K74)	1,618	3.4	6.1
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	126	2.0	1.0	6	Diabetes mellitus (E10–E14)	1,045	2.2	4.0
7	Influenza and pneumonia (J09–J18) ^d	87	1.4	0.7	7	Cerebrovascular diseases (I60–I69)	962	2.0	3.6
8	Chronic lower respiratory diseases (J40–J47)	37	0.6	0.3	8	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	943	2.0	3.6
9	Septicemia (A40–A41)	27	0.4	0.2	9	Influenza and pneumonia (J09–J18) ^d	717	1.5	2.7
9	Cerebrovascular diseases (I60–I69)	27	0.4	0.2	10	Human immunodeficiency virus (HIV) disease (B20–B24)	639	1.3	2.4
...	All other causes (residual)	868	13.6	6.7	...	All other causes (residual)	10,242	21.5	38.9
Non-Hispanic white, both sexes, 20–24 years					Non-Hispanic white, both sexes, 45–54 years				
...	All causes	10,787	100.0	81.5	...	All causes	130,740	100.0	412.1
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	5,327	49.4	40.2	1	Malignant neoplasms (C00–C97)	36,485	27.9	115.0
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1,894	17.6	14.3	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	25,169	19.3	79.3
3	Malignant neoplasms (C00–C97)	585	5.4	4.4	3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	15,361	11.7	48.4
4	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	475	4.4	3.6	4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	7,564	5.8	23.8
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	337	3.1	2.5	5	Chronic liver disease and cirrhosis (K70,K73–K74)	6,022	4.6	19.0
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	144	1.3	1.1	6	Chronic lower respiratory diseases (J40–J47)	3,699	2.8	11.7
7	Influenza and pneumonia (J09–J18) ^d	136	1.3	1.0	7	Diabetes mellitus (E10–E14)	3,554	2.7	11.2
8	Cerebrovascular diseases (I60–I69)	70	0.6	0.5	8	Cerebrovascular diseases (I60–I69)	3,424	2.6	10.8
9	Pregnancy, childbirth and the puerperium (O00–O99)	69	0.6	0.5	9	Influenza and pneumonia (J09–J18) ^d	1,899	1.5	6.0
10	Diabetes mellitus (E10–E14)	67	0.6	0.5	10	Viral hepatitis (B15–B19)	1,771	1.4	5.6
...	All other causes (residual)	1,683	15.6	12.7	...	All other causes (residual)	25,792	19.7	81.3
Non-Hispanic white, both sexes, 25–34 years					Non-Hispanic white, both sexes, 55–64 years				
...	All causes	25,203	100.0	101.4	...	All causes	224,375	100.0	846.8
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	9,887	39.2	39.8	1	Malignant neoplasms (C00–C97)	81,811	36.5	308.8
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	3,983	15.8	16.0	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	48,396	21.6	182.7
3	Malignant neoplasms (C00–C97)	2,206	8.8	8.9	3	Chronic lower respiratory diseases (J40–J47)	12,258	5.5	46.3
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,688	6.7	6.8	4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	10,011	4.5	37.8
5	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	930	3.7	3.7	5	Diabetes mellitus (E10–E14)	7,289	3.2	27.5
6	Influenza and pneumonia (J09–J18) ^d	434	1.7	1.7	6	Chronic liver disease and cirrhosis (K70,K73–K74)	6,770	3.0	25.6
7	Diabetes mellitus (E10–E14)	303	1.2	1.2	7	Cerebrovascular diseases (I60–I69)	6,570	2.9	24.8
8	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	250	1.0	1.0	8	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	5,221	2.3	19.7
9	Cerebrovascular diseases (I60–I69)	245	1.0	1.0	9	Septicemia (A40–A41)	3,091	1.4	11.7
10	Chronic liver disease and cirrhosis (K70,K73–K74)	242	1.0	1.0	10	Influenza and pneumonia (J09–J18) ^d	3,021	1.3	11.4
...	All other causes (residual)	5,035	20.0	20.3	...	All other causes (residual)	39,937	17.8	150.7

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Non-Hispanic white, both sexes, 65 years and over					Non-Hispanic white, both sexes, 85 years and over				
...	All causes	1,482,669	100.0	4,655.1	...	All causes	642,473	100.0	13,477.9
1	Diseases of heart . . . (I00-I09,I11,I13,I20-I51)	402,840	27.2	1,264.8	1	Diseases of heart . . . (I00-I09,I11,I13,I20-I51)	203,988	31.8	4,279.3
2	Malignant neoplasms(C00-C97)	326,809	22.0	1,026.1	2	Malignant neoplasms(C00-C97)	79,137	12.3	1,660.2
3	Chronic lower respiratory diseases(J40-J47)	105,915	7.1	332.5	3	Cerebrovascular diseases(I60-I69)	46,426	7.2	973.9
4	Cerebrovascular diseases(I60-I69)	90,267	6.1	283.4	4	Alzheimer's disease(G30)	45,219	7.0	948.6
5	Alzheimer's disease(G30)	68,993	4.7	216.6	5	Chronic lower respiratory diseases(J40-J47)	33,286	5.2	698.3
6	Influenza and pneumonia(J09-J18) ⁴	36,182	2.4	113.6	6	Influenza and pneumonia(J09-J18) ⁴	20,132	3.1	422.3
7	Diabetes mellitus(E10-E14)	35,555	2.4	111.6	7	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	15,236	2.4	319.6
8	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	34,350	2.3	107.8	8	Nephritis, nephrotic syndrome and nephrosis . . . (N00-N07,N17-N19,N25-N27)	14,441	2.2	302.9
9	Nephritis, nephrotic syndrome and nephrosis . . . (N00-N07,N17-N19,N25-N27)	31,174	2.1	97.9	9	Diabetes mellitus(E10-E14)	11,845	1.8	248.5
10	Septicemia(A40-A41)	21,018	1.4	66.0	10	Essential hypertension and hypertensive renal disease(I10,I12,I15)	9,111	1.4	191.1
...	All other causes(residual)	329,566	22.2	1,034.7	...	All other causes(residual)	163,652	25.5	3,433.1
Non-Hispanic white, both sexes, 65-74 years					Non-Hispanic white, male, all ages ³				
...	All causes	315,532	100.0	1,925.7	...	All causes	959,014	100.0	965.6
1	Malignant neoplasms(C00-C97)	114,690	36.3	699.9	1	Diseases of heart . . . (I00-I09,I11,I13,I20-I51)	247,489	25.8	249.2
2	Diseases of heart . . . (I00-I09,I11,I13,I20-I51)	68,466	21.7	417.8	2	Malignant neoplasms(C00-C97)	239,301	25.0	241.0
3	Chronic lower respiratory diseases(J40-J47)	28,100	8.9	171.5	3	Chronic lower respiratory diseases(J40-J47)	57,370	6.0	57.8
4	Cerebrovascular diseases(I60-I69)	12,705	4.0	77.5	4	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	56,607	5.9	57.0
5	Diabetes mellitus(E10-E14)	9,951	3.2	60.7	5	Cerebrovascular diseases(I60-I69)	39,912	4.2	40.2
6	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	7,311	2.3	44.6	6	Diabetes mellitus(E10-E14)	24,993	2.6	25.2
7	Nephritis, nephrotic syndrome and nephrosis . . . (N00-N07,N17-N19,N25-N27)	5,338	1.7	32.6	7	Intentional self-harm (suicide)(*U03,X60-X84,Y87.0)	24,248	2.5	24.4
8	Septicemia(A40-A41)	4,817	1.5	29.4	8	Alzheimer's disease(G30)	21,087	2.2	21.2
9	Influenza and pneumonia(J09-J18) ⁴	4,693	1.5	28.6	9	Influenza and pneumonia(J09-J18) ⁴	19,736	2.1	19.9
10	Chronic liver disease and cirrhosis(K70,K73-K74)	4,104	1.3	25.0	10	Nephritis, nephrotic syndrome and nephrosis . . . (N00-N07,N17-N19,N25-N27)	17,735	1.8	17.9
...	All other causes(residual)	55,357	17.5	337.8	...	All other causes(residual)	210,536	22.0	212.0
Non-Hispanic white, both sexes, 75-84 years					Non-Hispanic white, male, 1-4 years				
...	All causes	524,664	100.0	4,904.4	...	All causes	1,262	100.0	27.1
1	Malignant neoplasms(C00-C97)	132,982	25.3	1,243.1	1	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	500	39.6	10.7
2	Diseases of heart . . . (I00-I09,I11,I13,I20-I51)	130,386	24.9	1,218.8	2	Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99)	111	8.8	2.4
3	Chronic lower respiratory diseases(J40-J47)	44,529	8.5	416.2	3	Malignant neoplasms(C00-C97)	106	8.4	2.3
4	Cerebrovascular diseases(I60-I69)	31,136	5.9	291.0	4	Assault (homicide)(*U01-*U02,X85-Y09,Y87.1)	68	5.4	1.5
5	Alzheimer's disease(G30)	20,305	3.9	189.8	5	Diseases of heart . . . (I00-I09,I11,I13,I20-I51)	41	3.2	0.9
6	Diabetes mellitus(E10-E14)	13,759	2.6	128.6	6	Influenza and pneumonia(J09-J18) ⁴	32	2.5	0.7
7	Accidents (unintentional injuries)(V01-X59,Y85-Y86)	11,803	2.2	110.3	7	Certain conditions originating in the perinatal period(P00-P96)	18	1.4	*
8	Nephritis, nephrotic syndrome and nephrosis . . . (N00-N07,N17-N19,N25-N27)	11,395	2.2	106.5	8	Septicemia(A40-A41)	17	1.3	*
9	Influenza and pneumonia(J09-J18) ⁴	11,357	2.2	106.2	9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00-D48)	16	1.3	*
10	Parkinson's disease(G20-G21)	8,279	1.6	77.4	10	Cerebrovascular diseases(I60-I69)	15	1.2	*
...	All other causes(residual)	108,733	20.7	1,016.4	...	All other causes(residual)	338	26.8	7.2

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

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Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Non-Hispanic white, male, 5–9 years					Non-Hispanic white, male, 20–24 years				
...	All causes	719	100.0	12.1	...	All causes	7,963	100.0	117.3
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	238	33.1	4.0	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	4,082	51.3	60.1
2	Malignant neoplasms (C00–C97)	149	20.7	2.5	2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1,603	20.1	23.6
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	65	9.0	1.1	3	Malignant neoplasms (C00–C97)	367	4.6	5.4
4	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	28	3.9	0.5	4	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	346	4.3	5.1
5	Influenza and pneumonia (J09–J18) ⁴	25	3.5	0.4	5	Diseases of heart (I00–I09,I11,I13,I20–I51)	224	2.8	3.3
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	16	2.2	*	6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	90	1.1	1.3
7	Chronic lower respiratory diseases (J40–J47)	12	1.7	*	7	Influenza and pneumonia (J09–J18) ⁴	79	1.0	1.2
8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	8	1.1	*	8	Diabetes mellitus (E10–E14)	37	0.5	0.5
8	Cerebrovascular diseases (I60–I69)	8	1.1	*	9	Cerebrovascular diseases (I60–I69)	36	0.5	0.5
10	Septicemia (A40–A41)	6	0.8	*	10	Septicemia (A40–A41)	26	0.3	0.4
...	All other causes (residual)	164	22.8	2.8	...	All other causes (residual)	1,073	13.5	15.8
Non-Hispanic white, male, 10–14 years					Non-Hispanic white, male, 25–34 years				
...	All causes	965	100.0	16.0	...	All causes	17,165	100.0	136.8
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	336	34.8	5.6	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	7,286	42.4	58.1
2	Malignant neoplasms (C00–C97)	128	13.3	2.1	2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	3,218	18.7	25.6
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	100	10.4	1.7	3	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,194	7.0	9.5
4	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	45	4.7	0.7	4	Malignant neoplasms (C00–C97)	1,095	6.4	8.7
5	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	40	4.1	0.7	5	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	626	3.6	5.0
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	31	3.2	0.5	6	Influenza and pneumonia (J09–J18) ⁴	225	1.3	1.8
7	Influenza and pneumonia (J09–J18) ⁴	26	2.7	0.4	7	Diabetes mellitus (E10–E14)	173	1.0	1.4
8	Cerebrovascular diseases (I60–I69)	18	1.9	*	8	Chronic liver disease and cirrhosis (K70,K73–K74)	151	0.9	1.2
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	14	1.5	*	9	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	148	0.9	1.2
10	Chronic lower respiratory diseases (J40–J47)	6	0.6	*	10	Cerebrovascular diseases (I60–I69)	136	0.8	1.1
...	All other causes (residual)	221	22.9	3.7	...	All other causes (residual)	2,913	17.0	23.2
Non-Hispanic white, male, 15–19 years					Non-Hispanic white, male, 35–44 years				
...	All causes	4,355	100.0	65.6	...	All causes	29,834	100.0	225.7
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	2,219	51.0	33.4	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	7,589	25.4	57.4
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	930	21.4	14.0	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	4,846	16.2	36.7
3	Malignant neoplasms (C00–C97)	211	4.8	3.2	3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	4,209	14.1	31.8
4	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	190	4.4	2.9	4	Malignant neoplasms (C00–C97)	3,615	12.1	27.4
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	106	2.4	1.6	5	Chronic liver disease and cirrhosis (K70,K73–K74)	1,024	3.4	7.7
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	65	1.5	1.0	6	Diabetes mellitus (E10–E14)	687	2.3	5.2
7	Influenza and pneumonia (J09–J18) ⁴	50	1.1	0.8	7	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	616	2.1	4.7
8	Chronic lower respiratory diseases (J40–J47)	21	0.5	0.3	8	Human immunodeficiency virus (HIV) disease (B20–B24)	525	1.8	4.0
9	Septicemia (A40–A41)	19	0.4	*	9	Cerebrovascular diseases (I60–I69)	516	1.7	3.9
10	Cerebrovascular diseases (I60–I69)	18	0.4	*	10	Influenza and pneumonia (J09–J18) ⁴	392	1.3	3.0
...	All other causes (residual)	526	12.1	7.9	...	All other causes (residual)	5,815	19.5	44.0

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Non-Hispanic white, male, 45–54 years					Non-Hispanic white, male, 65–74 years				
...	All causes	80,827	100.0	513.6	...	All causes	178,722	100.0	2,332.6
1	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	18,565	23.0	118.0	1	Malignant neoplasms (C00–C97)	63,024	35.3	822.6
2	Malignant neoplasms (C00–C97)	18,487	22.9	117.5	2	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	43,727	24.5	570.7
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	10,215	12.6	64.9	3	Chronic lower respiratory diseases (J40–J47)	13,926	7.8	181.8
4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	5,680	7.0	36.1	4	Cerebrovascular diseases (I60–I69)	6,697	3.7	87.4
5	Chronic liver disease and cirrhosis (K70,K73–K74)	4,077	5.0	25.9	5	Diabetes mellitus (E10–E14)	5,802	3.2	75.7
6	Diabetes mellitus (E10–E14)	2,284	2.8	14.5	6	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	4,588	2.6	59.9
7	Cerebrovascular diseases (I60–I69)	1,903	2.4	12.1	7	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	2,942	1.6	38.4
8	Chronic lower respiratory diseases (J40–J47)	1,806	2.2	11.5	8	Influenza and pneumonia (J09–J18) [†]	2,595	1.5	33.9
9	Viral hepatitis (B15–B19)	1,242	1.5	7.9	9	Chronic liver disease and cirrhosis (K70,K73–K74)	2,553	1.4	33.3
10	Influenza and pneumonia (J09–J18) [†]	1,002	1.2	6.4	10	Septicemia (A40–A41)	2,459	1.4	32.1
...	All other causes (residual)	15,566	19.3	98.9	...	All other causes (residual)	30,409	17.0	396.9
Non-Hispanic white, male, 55–64 years					Non-Hispanic white, male, 75–84 years				
...	All causes	136,875	100.0	1,057.5	...	All causes	262,553	100.0	5,857.5
1	Malignant neoplasms (C00–C97)	45,236	33.0	349.5	1	Malignant neoplasms (C00–C97)	70,578	26.9	1,574.6
2	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	34,455	25.2	266.2	2	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	69,219	26.4	1,544.3
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	6,841	5.0	52.9	3	Chronic lower respiratory diseases (J40–J47)	21,310	8.1	475.4
4	Chronic lower respiratory diseases (J40–J47)	6,306	4.6	48.7	4	Cerebrovascular diseases (I60–I69)	13,316	5.1	297.1
5	Chronic liver disease and cirrhosis (K70,K73–K74)	4,797	3.5	37.1	5	Alzheimer's disease (G30)	7,549	2.9	168.4
6	Diabetes mellitus (E10–E14)	4,538	3.3	35.1	6	Diabetes mellitus (E10–E14)	6,911	2.6	154.2
7	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	3,986	2.9	30.8	7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	6,376	2.4	142.2
8	Cerebrovascular diseases (I60–I69)	3,740	2.7	28.9	8	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	5,910	2.3	131.9
9	Influenza and pneumonia (J09–J18) [†]	1,689	1.2	13.0	9	Influenza and pneumonia (J09–J18) [†]	5,763	2.2	128.6
10	Septicemia (A40–A41)	1,633	1.2	12.6	10	Parkinson's disease (G20–G21)	5,105	1.9	113.9
...	All other causes (residual)	23,654	17.3	182.7	...	All other causes (residual)	50,516	19.2	1,127.0
Non-Hispanic white, male, 65 years and over					Non-Hispanic white, male, 85 years and over				
...	All causes	672,473	100.0	4,926.7	...	All causes	231,198	100.0	15,361.0
1	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	187,908	27.9	1,376.7	1	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	74,962	32.4	4,980.5
2	Malignant neoplasms (C00–C97)	169,880	25.3	1,244.6	2	Malignant neoplasms (C00–C97)	36,278	15.7	2,410.3
3	Chronic lower respiratory diseases (J40–J47)	48,913	7.3	358.4	3	Chronic lower respiratory diseases (J40–J47)	13,677	5.9	908.7
4	Cerebrovascular diseases (I60–I69)	33,484	5.0	245.3	4	Cerebrovascular diseases (I60–I69)	13,471	5.8	895.0
5	Alzheimer's disease (G30)	20,778	3.1	152.2	5	Alzheimer's disease (G30)	11,690	5.1	776.7
6	Diabetes mellitus (E10–E14)	17,250	2.6	126.4	6	Influenza and pneumonia (J09–J18) [†]	7,799	3.4	518.2
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	16,961	2.5	124.3	7	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	6,275	2.7	416.9
8	Influenza and pneumonia (J09–J18) [†]	16,157	2.4	118.4	8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	5,997	2.6	398.4
9	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	15,127	2.2	110.8	9	Diabetes mellitus (E10–E14)	4,537	2.0	301.4
10	Parkinson's disease (G20–G21)	10,628	1.6	77.9	10	Parkinson's disease (G20–G21)	4,125	1.8	274.1
...	All other causes (residual)	135,387	20.1	991.9	...	All other causes (residual)	52,387	22.7	3,480.6

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Non-Hispanic white, female, all ages ³					Non-Hispanic white, female, 10-14 years				
...	All causes	985,592	100.0	958.3	...	All causes	666	100.0	11.6
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	238,290	24.2	231.7	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	182	27.3	3.2
2	Malignant neoplasms (C00-C97)	217,888	22.1	211.9	2	Malignant neoplasms (C00-C97)	110	16.5	1.9
3	Chronic lower respiratory diseases (J40-J47)	65,235	6.6	63.4	3	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	55	8.3	1.0
4	Cerebrovascular diseases (I60-I69)	61,791	6.3	60.1	4	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	37	5.6	0.6
5	Alzheimer's disease (G30)	48,608	4.9	47.3	5	Influenza and pneumonia (J09-J18) ⁴	34	5.1	0.6
6	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	34,809	3.5	33.8	6	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	27	4.1	0.5
7	Influenza and pneumonia (J09-J18) ⁴	23,016	2.3	22.4	7	Diseases of heart (I00-I09,I11,I13,I20-I51)	15	2.3	*
8	Diabetes mellitus (E10-E14)	22,858	2.3	22.2	8	Cerebrovascular diseases (I60-I69)	11	1.7	*
9	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	17,935	1.8	17.4	9	Septicemia (A40-A41)	9	1.4	*
10	Septicemia (A40-A41)	14,366	1.5	14.0	10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	6	0.9	*
...	All other causes (residual)	240,796	24.4	234.1	10	Diabetes mellitus (E10-E14)	6	0.9	*
Non-Hispanic white, female, 1-4 years					Non-Hispanic white, female, 15-19 years				
...	All causes	919	100.0	20.7	...	All causes	2,008	100.0	31.9
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	273	29.7	6.2	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,018	50.7	16.2
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	119	12.9	2.7	2	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	222	11.1	3.5
3	Malignant neoplasms (C00-C97)	74	8.1	1.7	3	Malignant neoplasms (C00-C97)	149	7.4	2.4
4	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	73	7.9	1.6	4	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	90	4.5	1.4
5	Influenza and pneumonia (J09-J18) ⁴	43	4.7	1.0	5	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	61	3.0	1.0
6	Diseases of heart (I00-I09,I11,I13,I20-I51)	29	3.2	0.7	6	Diseases of heart (I00-I09,I11,I13,I20-I51)	56	2.8	0.9
7	Septicemia (A40-A41)	13	1.4	*	7	Influenza and pneumonia (J09-J18) ⁴	37	1.8	0.6
8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	12	1.3	*	8	Pregnancy, childbirth and the puerperium (O00-O99)	24	1.2	0.4
8	Cerebrovascular diseases (I60-I69)	12	1.3	*	9	Chronic lower respiratory diseases (J40-J47)	16	0.8	*
10	Certain conditions originating in the perinatal period (P00-P96)	9	1.0	*	10	Cerebrovascular diseases (I60-I69)	9	0.4	*
...	All other causes (residual)	262	28.5	5.9	...	All other causes (residual)	326	16.2	5.2
Non-Hispanic white, female, 5-9 years					Non-Hispanic white, female, 20-24 years				
...	All causes	517	100.0	9.2	...	All causes	2,824	100.0	43.8
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	139	26.9	2.5	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,245	44.1	19.3
2	Malignant neoplasms (C00-C97)	106	20.5	1.9	2	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	291	10.3	4.5
3	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	45	8.7	0.8	3	Malignant neoplasms (C00-C97)	218	7.7	3.4
4	Diseases of heart (I00-I09,I11,I13,I20-I51)	29	5.6	0.5	4	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	129	4.6	2.0
5	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	22	4.3	0.4	5	Diseases of heart (I00-I09,I11,I13,I20-I51)	113	4.0	1.8
6	Influenza and pneumonia (J09-J18) ⁴	19	3.7	*	6	Pregnancy, childbirth and the puerperium (O00-O99)	69	2.4	1.1
7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	11	2.1	*	7	Influenza and pneumonia (J09-J18) ⁴	57	2.0	0.9
8	Septicemia (A40-A41)	8	1.5	*	8	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	54	1.9	0.8
9	Cerebrovascular diseases (I60-I69)	6	1.2	*	9	Cerebrovascular diseases (I60-I69)	34	1.2	0.5
9	Certain conditions originating in the perinatal period (P00-P96)	6	1.2	*	10	Diabetes mellitus (E10-E14)	30	1.1	0.5
...	All other causes (residual)	126	24.4	2.2	...	All other causes (residual)	584	20.7	9.1

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Non-Hispanic white, female, 25–34 years					Non-Hispanic white, female, 55–64 years				
...	All causes	8,038	100.0	65.3	...	All causes	87,500	100.0	645.6
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	2,601	32.4	21.1	1	Malignant neoplasms (C00–C97)	36,575	41.8	269.9
2	Malignant neoplasms (C00–C97)	1,111	13.8	9.0	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	13,941	15.9	102.9
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	765	9.5	6.2	3	Chronic lower respiratory diseases (J40–J47)	5,952	6.8	43.9
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	494	6.1	4.0	4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	3,170	3.6	23.4
5	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	304	3.8	2.5	5	Cerebrovascular diseases (I60–I69)	2,830	3.2	20.9
6	Influenza and pneumonia (J09–J18) ⁴	209	2.6	1.7	6	Diabetes mellitus (E10–E14)	2,751	3.1	20.3
7	Pregnancy, childbirth and the puerperium (O00–O99)	165	2.1	1.3	7	Chronic liver disease and cirrhosis (K70,K73–K74)	1,973	2.3	14.6
8	Diabetes mellitus (E10–E14)	130	1.6	1.1	8	Septicemia (A40–A41)	1,458	1.7	10.8
9	Cerebrovascular diseases (I60–I69)	109	1.4	0.9	9	Influenza and pneumonia (J09–J18) ⁴	1,332	1.5	9.8
10	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	102	1.3	0.8	10	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1,235	1.4	9.1
...	All other causes (residual)	2,048	25.5	16.6	...	All other causes (residual)	16,283	18.6	120.1
Non-Hispanic white, female, 35–44 years					Non-Hispanic white, female, 65 years and over				
...	All causes	17,902	100.0	136.2	...	All causes	810,196	100.0	4,451.4
1	Malignant neoplasms (C00–C97)	4,598	25.7	35.0	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	214,932	26.5	1,180.9
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	3,413	19.1	26.0	2	Malignant neoplasms (C00–C97)	156,929	19.4	862.2
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	2,001	11.2	15.2	3	Chronic lower respiratory diseases (J40–J47)	57,002	7.0	313.2
4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1,299	7.3	9.9	4	Cerebrovascular diseases (I60–I69)	56,783	7.0	312.0
5	Chronic liver disease and cirrhosis (K70,K73–K74)	594	3.3	4.5	5	Alzheimer's disease (G30)	48,215	6.0	264.9
6	Cerebrovascular diseases (I60–I69)	446	2.5	3.4	6	Influenza and pneumonia (J09–J18) ⁴	20,025	2.5	110.0
7	Diabetes mellitus (E10–E14)	358	2.0	2.7	7	Diabetes mellitus (E10–E14)	18,305	2.3	100.6
8	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	327	1.8	2.5	8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	17,389	2.1	95.5
9	Influenza and pneumonia (J09–J18) ⁴	325	1.8	2.5	9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	16,047	2.0	88.2
10	Septicemia (A40–A41)	268	1.5	2.0	10	Septicemia (A40–A41)	11,756	1.5	64.6
...	All other causes (residual)	4,273	23.9	32.5	...	All other causes (residual)	192,813	23.8	1,059.4
Non-Hispanic white, female, 45–54 years					Non-Hispanic white, female, 65–74 years				
...	All causes	49,913	100.0	312.1	...	All causes	136,810	100.0	1,568.3
1	Malignant neoplasms (C00–C97)	17,998	36.1	112.6	1	Malignant neoplasms (C00–C97)	51,666	37.8	592.2
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	6,604	13.2	41.3	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	24,739	18.1	283.6
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	5,146	10.3	32.2	3	Chronic lower respiratory diseases (J40–J47)	14,174	10.4	162.5
4	Chronic liver disease and cirrhosis (K70,K73–K74)	1,945	3.9	12.2	4	Cerebrovascular diseases (I60–I69)	6,008	4.4	68.9
5	Chronic lower respiratory diseases (J40–J47)	1,893	3.8	11.8	5	Diabetes mellitus (E10–E14)	4,149	3.0	47.6
6	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1,884	3.8	11.8	6	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	2,723	2.0	31.2
7	Cerebrovascular diseases (I60–I69)	1,521	3.0	9.5	7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	2,396	1.8	27.5
8	Diabetes mellitus (E10–E14)	1,270	2.5	7.9	8	Septicemia (A40–A41)	2,358	1.7	27.0
9	Influenza and pneumonia (J09–J18) ⁴	897	1.8	5.6	9	Influenza and pneumonia (J09–J18) ⁴	2,098	1.5	24.0
10	Septicemia (A40–A41)	691	1.4	4.3	10	Alzheimer's disease (G30)	1,930	1.4	22.1
...	All other causes (residual)	10,064	20.2	62.9	...	All other causes (residual)	24,569	18.0	281.6

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Non-Hispanic white, female, 75–84 years					Non-Hispanic black, both sexes, 1–4 years				
...	All causes	262,111	100.0	4,217.0	...	All causes	1,039	100.0	41.6
1	Malignant neoplasms.(C00–C97)	62,404	23.8	1,004.0	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	288	27.7	11.5
2	Diseases of heart(I00–I09,I11,I13,I20–I51)	61,167	23.3	984.1	2	Assault (homicide)(*U01–*U02,X85–Y09,Y87.1)	143	13.8	5.7
3	Chronic lower respiratory diseases (J40–J47)	23,219	8.9	373.6	3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	87	8.4	3.5
4	Cerebrovascular diseases(I60–I69)	17,820	6.8	286.7	4	Malignant neoplasms.(C00–C97)	56	5.4	2.2
5	Alzheimer's disease(G30)	12,756	4.9	205.2	5	Diseases of heart(I00–I09,I11,I13,I20–I51)	50	4.8	2.0
6	Diabetes mellitus(E10–E14)	6,848	2.6	110.2	6	Chronic lower respiratory diseases (J40–J47)	33	3.2	1.3
7	Influenza and pneumonia(J09–J18) ⁴	5,594	2.1	90.0	7	Influenza and pneumonia(J09–J18) ⁴	29	2.8	1.2
8	Nephritis, nephrotic syndrome and nephrosis(N00–N07,N17–N19,N25–N27)	5,485	2.1	88.2	8	Septicemia(A40–A41)	19	1.8	*
9	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	5,427	2.1	87.3	8	Certain conditions originating in the perinatal period(P00–P96)	19	1.8	*
10	Septicemia(A40–A41)	4,283	1.6	68.9	10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00–D48)	12	1.2	*
...	All other causes(residual)	57,108	21.8	918.8	10	Complications of medical and surgical care(Y40–Y84,Y88)	12	1.2	*
Non-Hispanic white, female, 85 years and over					Non-Hispanic black, both sexes, 5–9 years				
...	All causes	411,275	100.0	12,609.0	...	All causes	563	100.0	18.8
1	Diseases of heart(I00–I09,I11,I13,I20–I51)	129,026	31.4	3,955.7	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	185	32.9	6.2
2	Malignant neoplasms.(C00–C97)	42,859	10.4	1,314.0	2	Malignant neoplasms.(C00–C97)	76	13.5	2.5
3	Alzheimer's disease(G30)	33,529	8.2	1,027.9	3	Assault (homicide)(*U01–*U02,X85–Y09,Y87.1)	38	6.7	1.3
4	Cerebrovascular diseases(I60–I69)	32,955	8.0	1,010.3	4	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	37	6.6	1.2
5	Chronic lower respiratory diseases (J40–J47)	19,609	4.8	601.2	5	Chronic lower respiratory diseases (J40–J47)	29	5.2	1.0
6	Influenza and pneumonia(J09–J18) ⁴	12,333	3.0	378.1	6	Diseases of heart(I00–I09,I11,I13,I20–I51)	23	4.1	0.8
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	9,239	2.2	283.3	6	Influenza and pneumonia(J09–J18) ⁴	23	4.1	0.8
8	Nephritis, nephrotic syndrome and nephrosis(N00–N07,N17–N19,N25–N27)	8,166	2.0	250.4	8	Septicemia(A40–A41)	10	1.8	*
9	Diabetes mellitus(E10–E14)	7,308	1.8	224.1	8	Cerebrovascular diseases(I60–I69)	10	1.8	*
10	Essential hypertension and hypertensive renal disease(I10,I12,I15)	6,584	1.6	201.9	10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00–D48)	9	1.6	*
...	All other causes(residual)	109,667	26.7	3,362.2	...	All other causes(residual)	123	21.8	4.1
Non-Hispanic black, both sexes, all ages ³					Non-Hispanic black, both sexes, 10–14 years				
...	All causes	282,982	100.0	728.2	...	All causes	703	100.0	23.2
1	Diseases of heart(I00–I09,I11,I13,I20–I51)	68,811	24.3	177.1	1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	192	27.3	6.3
2	Malignant neoplasms.(C00–C97)	63,967	22.6	164.6	2	Assault (homicide)(*U01–*U02,X85–Y09,Y87.1)	67	9.5	2.2
3	Cerebrovascular diseases(I60–I69)	15,718	5.6	40.4	3	Malignant neoplasms.(C00–C97)	52	7.4	1.7
4	Diabetes mellitus(E10–E14)	11,833	4.2	30.4	4	Intentional self-harm (suicide)(*U03,X60–X84,Y87.0)	45	6.4	1.5
5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	11,810	4.2	30.4	5	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	42	6.0	1.4
6	Nephritis, nephrotic syndrome and nephrosis(N00–N07,N17–N19,N25–N27)	8,727	3.1	22.5	6	Diseases of heart(I00–I09,I11,I13,I20–I51)	41	5.8	1.4
7	Chronic lower respiratory diseases (J40–J47)	8,444	3.0	21.7	6	Chronic lower respiratory diseases (J40–J47)	41	5.8	1.4
8	Assault (homicide)(*U01–*U02,X85–Y09,Y87.1)	7,733	2.7	19.9	8	Influenza and pneumonia(J09–J18) ⁴	22	3.1	0.7
9	Septicemia(A40–A41)	6,131	2.2	15.8	9	Anemias(D50–D64)	14	2.0	*
10	Human immunodeficiency virus (HIV) disease(B20–B24)	5,307	1.9	13.7	10	Septicemia(A40–A41)	12	1.7	*
...	All other causes(residual)	74,501	26.3	191.7	...	All other causes(residual)	175	24.9	5.8

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Non-Hispanic black, both sexes, 15–19 years					Non-Hispanic black, both sexes, 35–44 years				
...	All causes	2,506	100.0	73.3	...	All causes	14,951	100.0	284.3
1	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	1,073	42.8	31.4	1	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	2,863	19.1	54.4
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	563	22.5	16.5	2	Malignant neoplasms. (C00–C97)	2,133	14.3	40.6
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	152	6.1	4.4	3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,736	11.6	33.0
4	Malignant neoplasms. (C00–C97)	115	4.6	3.4	4	Human immunodeficiency virus (HIV) disease (B20–B24)	1,368	9.1	26.0
5	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	106	4.2	3.1	5	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	1,175	7.9	22.3
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	54	2.2	1.6	6	Cerebrovascular diseases (I60–I69)	543	3.6	10.3
7	Chronic lower respiratory diseases (J40–J47)	34	1.4	1.0	7	Diabetes mellitus (E10–E14)	524	3.5	10.0
8	Influenza and pneumonia (J09–J18) ⁴	28	1.1	0.8	8	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	398	2.7	7.6
9	Anemias (D50–D64)	23	0.9	0.7	9	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	311	2.1	5.9
10	Pregnancy, childbirth and the puerperium (O00–O99)	21	0.8	0.6	10	Septicemia (A40–A41)	271	1.8	5.2
...	All other causes (residual)	337	13.4	9.9	...	All other causes (residual)	3,629	24.3	69.0
Non-Hispanic black, both sexes, 20–24 years					Non-Hispanic black, both sexes, 45–54 years				
...	All causes	4,096	100.0	128.0	...	All causes	35,062	100.0	664.3
1	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	1,687	41.2	52.7	1	Malignant neoplasms. (C00–C97)	8,528	24.3	161.6
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	746	18.2	23.3	2	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	8,088	23.1	153.2
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	281	6.9	8.8	3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	2,398	6.8	45.4
4	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	234	5.7	7.3	4	Human immunodeficiency virus (HIV) disease (B20–B24)	1,845	5.3	35.0
5	Malignant neoplasms. (C00–C97)	169	4.1	5.3	5	Cerebrovascular diseases (I60–I69)	1,780	5.1	33.7
6	Human immunodeficiency virus (HIV) disease (B20–B24)	91	2.2	2.8	6	Diabetes mellitus (E10–E14)	1,328	3.8	25.2
7	Pregnancy, childbirth and the puerperium (O00–O99)	67	1.6	2.1	7	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	856	2.4	16.2
8	Influenza and pneumonia (J09–J18) ⁴	57	1.4	1.8	8	Chronic liver disease and cirrhosis (K70,K73–K74)	799	2.3	15.1
9	Chronic lower respiratory diseases (J40–J47)	51	1.2	1.6	9	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	714	2.0	13.5
10	Anemias (D50–D64)	43	1.0	1.3	10	Chronic lower respiratory diseases (J40–J47)	702	2.0	13.3
...	All other causes (residual)	670	16.4	20.9	...	All other causes (residual)	8,024	22.9	152.0
Non-Hispanic black, both sexes, 25–34 years					Non-Hispanic black, both sexes, 55–64 years				
...	All causes	9,031	100.0	160.0	...	All causes	50,089	100.0	1,404.5
1	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	2,291	25.4	40.6	1	Malignant neoplasms. (C00–C97)	15,544	31.0	435.9
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,566	17.3	27.7	2	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	12,776	25.5	358.2
3	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	949	10.5	16.8	3	Cerebrovascular diseases (I60–I69)	2,579	5.1	72.3
4	Malignant neoplasms. (C00–C97)	626	6.9	11.1	4	Diabetes mellitus (E10–E14)	2,428	4.8	68.1
5	Human immunodeficiency virus (HIV) disease (B20–B24)	596	6.6	10.6	5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,608	3.2	45.1
6	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	463	5.1	8.2	6	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	1,415	2.8	39.7
7	Diabetes mellitus (E10–E14)	189	2.1	3.3	7	Chronic lower respiratory diseases (J40–J47)	1,363	2.7	38.2
8	Cerebrovascular diseases (I60–I69)	143	1.6	2.5	8	Septicemia (A40–A41)	1,076	2.1	30.2
8	Influenza and pneumonia (J09–J18) ⁴	143	1.6	2.5	9	Human immunodeficiency virus (HIV) disease (B20–B24)	1,033	2.1	29.0
10	Pregnancy, childbirth and the puerperium (O00–O99)	129	1.4	2.3	10	Chronic liver disease and cirrhosis (K70,K73–K74)	928	1.9	26.0
...	All other causes (residual)	1,936	21.4	34.3	...	All other causes (residual)	9,339	18.6	261.9

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Non-Hispanic black, both sexes, 65 years and over					Non-Hispanic black, both sexes, 85 years and over				
...	All causes	156,952	100.0	4,703.5	...	All causes	48,832	100.0	13,734.2
1	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	43,563	27.8	1,305.5	1	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	14,833	30.4	4,171.8
2	Malignant neoplasms(C00–C97)	36,653	23.4	1,098.4	2	Malignant neoplasms(C00–C97)	6,584	13.5	1,851.8
3	Cerebrovascular diseases(I60–I69)	10,563	6.7	316.5	3	Cerebrovascular diseases(I60–I69)	3,619	7.4	1,017.9
4	Diabetes mellitus(E10–E14)	7,305	4.7	218.9	4	Alzheimer's disease(G30)	2,945	6.0	828.3
5	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	5,975	3.8	179.1	5	Diabetes mellitus(E10–E14)	1,812	3.7	509.6
6	Chronic lower respiratory diseases(J40–J47)	5,903	3.8	176.9	6	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	1,766	3.6	496.7
7	Alzheimer's disease(G30)	4,962	3.2	148.7	7	Chronic lower respiratory diseases(J40–J47)	1,529	3.1	430.0
8	Septicemia(A40–A41)	3,887	2.5	116.5	8	Influenza and pneumonia(J09–J18) ⁴	1,378	2.8	387.6
9	Influenza and pneumonia(J09–J18) ⁴	3,420	2.2	102.5	9	Essential hypertension and hypertensive renal disease(I10,I12,I15)	1,233	2.5	346.8
10	Essential hypertension and hypertensive renal disease(I10,I12,I15)	3,169	2.0	95.0	10	Septicemia(A40–A41)	1,177	2.4	331.0
...	All other causes(residual)	31,552	20.1	945.5	...	All other causes(residual)	11,956	24.5	3,362.7
Non-Hispanic black, both sexes, 65–74 years					Non-Hispanic black, male, all ages ³				
...	All causes	51,335	100.0	2,699.0	...	All causes	144,197	100.0	777.1
1	Malignant neoplasms(C00–C97)	16,230	31.6	853.3	1	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	34,935	24.2	188.3
2	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	13,392	26.1	704.1	2	Malignant neoplasms(C00–C97)	33,065	22.9	178.2
3	Cerebrovascular diseases(I60–I69)	2,979	5.8	156.6	3	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	7,894	5.5	42.5
4	Diabetes mellitus(E10–E14)	2,748	5.4	144.5	4	Cerebrovascular diseases(I60–I69)	6,892	4.8	37.1
5	Chronic lower respiratory diseases(J40–J47)	2,057	4.0	108.1	5	Assault (homicide)(*U01–*U02,X85–Y09,Y87.1)	6,605	4.6	35.6
6	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	1,919	3.7	100.9	6	Diabetes mellitus(E10–E14)	5,430	3.8	29.3
7	Septicemia(A40–A41)	1,261	2.5	66.3	7	Chronic lower respiratory diseases(J40–J47)	4,457	3.1	24.0
8	Essential hypertension and hypertensive renal disease(I10,I12,I15)	865	1.7	45.5	8	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	3,930	2.7	21.2
9	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	810	1.6	42.6	9	Human immunodeficiency virus (HIV) disease(B20–B24)	3,476	2.4	18.7
10	Influenza and pneumonia(J09–J18) ⁴	808	1.6	42.5	10	Septicemia(A40–A41)	2,721	1.9	14.7
...	All other causes(residual)	8,266	16.1	434.6	...	All other causes(residual)	34,792	24.1	187.5
Non-Hispanic black, both sexes, 75–84 years					Non-Hispanic black, male, 1–4 years				
...	All causes	56,785	100.0	5,261.0	...	All causes	561	100.0	44.2
1	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	15,338	27.0	1,421.0	1	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	169	30.1	13.3
2	Malignant neoplasms(C00–C97)	13,839	24.4	1,282.1	2	Assault (homicide)(*U01–*U02,X85–Y09,Y87.1)	79	14.1	6.2
3	Cerebrovascular diseases(I60–I69)	3,965	7.0	367.3	3	Congenital malformations, deformations and chromosomal abnormalities(Q00–Q99)	48	8.6	3.8
4	Diabetes mellitus(E10–E14)	2,745	4.8	254.3	4	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	22	3.9	1.7
5	Chronic lower respiratory diseases(J40–J47)	2,317	4.1	214.7	5	Malignant neoplasms(C00–C97)	20	3.6	1.6
6	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	2,290	4.0	212.2	6	Chronic lower respiratory diseases(J40–J47)	18	3.2	*
7	Alzheimer's disease(G30)	1,656	2.9	153.4	7	Influenza and pneumonia(J09–J18) ⁴	13	2.3	*
8	Septicemia(A40–A41)	1,449	2.6	134.2	8	Certain conditions originating in the perinatal period(P00–P96)	10	1.8	*
9	Influenza and pneumonia(J09–J18) ⁴	1,234	2.2	114.3	8	Complications of medical and surgical care(Y40–Y84,Y88)	10	1.8	*
10	Essential hypertension and hypertensive renal disease(I10,I12,I15)	1,071	1.9	99.2	10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior(D00–D48)	8	1.4	*
...	All other causes(residual)	10,881	19.2	1,008.1	...	All other causes(residual)	164	29.2	12.9

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Non-Hispanic black, male, 5–9 years					Non-Hispanic black, male, 20–24 years				
...	All causes	315	100.0	20.7	...	All causes	3,089	100.0	190.8
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	111	35.2	7.3	1	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	1,524	49.3	94.1
2	Malignant neoplasms. (C00–C97)	36	11.4	2.4	2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	546	17.7	33.7
3	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	20	6.3	1.3	3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	239	7.7	14.8
4	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	19	6.0	*	4	Diseases of heart (I00–I09,I11,I13,I20–I51)	153	5.0	9.4
5	Chronic lower respiratory diseases (J40–J47)	17	5.4	*	5	Malignant neoplasms. (C00–C97)	89	2.9	5.5
6	Influenza and pneumonia (J09–J18) [†]	15	4.8	*	6	Human immunodeficiency virus (HIV) disease (B20–B24)	57	1.8	3.5
7	Diseases of heart (I00–I09,I11,I13,I20–I51)	12	3.8	*	7	Chronic lower respiratory diseases (J40–J47)	36	1.2	2.2
8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	8	2.5	*	8	Influenza and pneumonia (J09–J18) [†]	29	0.9	1.8
9	Septicemia (A40–A41)	6	1.9	*	9	Anemias (D50–D64)	24	0.8	1.5
9	Cerebrovascular diseases (I60–I69)	6	1.9	*	10	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	23	0.7	1.4
...	All other causes (residual)	65	20.6	4.3	...	All other causes (residual)	369	11.9	22.8
Non-Hispanic black, male, 10–14 years					Non-Hispanic black, male, 25–34 years				
...	All causes	420	100.0	27.3	...	All causes	6,112	100.0	221.3
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	127	30.2	8.3	1	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	2,014	33.0	72.9
2	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	53	12.6	3.4	2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,187	19.4	43.0
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	33	7.9	2.1	3	Diseases of heart (I00–I09,I11,I13,I20–I51)	573	9.4	20.7
4	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	28	6.7	1.8	4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	376	6.2	13.6
5	Chronic lower respiratory diseases (J40–J47)	26	6.2	1.7	5	Human immunodeficiency virus (HIV) disease (B20–B24)	342	5.6	12.4
6	Malignant neoplasms. (C00–C97)	24	5.7	1.6	6	Malignant neoplasms. (C00–C97)	280	4.6	10.1
7	Diseases of heart (I00–I09,I11,I13,I20–I51)	23	5.5	1.5	7	Diabetes mellitus (E10–E14)	109	1.8	3.9
8	Influenza and pneumonia (J09–J18) [†]	7	1.7	*	8	Cerebrovascular diseases (I60–I69)	79	1.3	2.9
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	5	1.2	*	9	Influenza and pneumonia (J09–J18) [†]	62	1.0	2.2
9	Anemias (D50–D64)	5	1.2	*	10	Anemias (D50–D64)	60	1.0	2.2
9	Cerebrovascular diseases (I60–I69)	5	1.2	*	...	All other causes (residual)	1,030	16.9	37.3
...	All other causes (residual)	84	20.0	5.5	Non-Hispanic black, male, 35–44 years				
Non-Hispanic black, male, 15–19 years					...	All causes	8,826	100.0	356.6
...	All causes	1,896	100.0	109.3	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,839	20.8	74.3
1	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	959	50.6	55.3	2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,238	14.0	50.0
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	391	20.6	22.5	3	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	994	11.3	40.2
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	121	6.4	7.0	4	Human immunodeficiency virus (HIV) disease (B20–B24)	844	9.6	34.1
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	71	3.7	4.1	5	Malignant neoplasms. (C00–C97)	820	9.3	33.1
5	Malignant neoplasms. (C00–C97)	69	3.6	4.0	6	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	329	3.7	13.3
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	33	1.7	1.9	7	Diabetes mellitus (E10–E14)	327	3.7	13.2
7	Chronic lower respiratory diseases (J40–J47)	17	0.9	*	8	Cerebrovascular diseases (I60–I69)	288	3.3	11.6
8	Anemias (D50–D64)	12	0.6	*	9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	159	1.8	6.4
9	Influenza and pneumonia (J09–J18) [†]	11	0.6	*	10	Septicemia (A40–A41)	130	1.5	5.3
9	Legal intervention. (Y35,Y89.0)	11	0.6	*	...	All other causes (residual)	1,858	21.1	75.1
...	All other causes (residual)	201	10.6	11.6					

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Non-Hispanic black, male, 45–54 years					Non-Hispanic black, male, 65–74 years				
...	All causes	20,066	100.0	823.8	...	All causes	27,768	100.0	3,498.9
1	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	5,110	25.5	209.8	1	Malignant neoplasms (C00–C97)	8,877	32.0	1,118.5
2	Malignant neoplasms (C00–C97)	4,156	20.7	170.6	2	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	7,628	27.5	961.2
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,610	8.0	66.1	3	Cerebrovascular diseases (I60–I69)	1,565	5.6	197.2
4	Human immunodeficiency virus (HIV) disease (B20–B24)	1,213	6.0	49.8	4	Diabetes mellitus (E10–E14)	1,331	4.8	167.7
5	Cerebrovascular diseases (I60–I69)	916	4.6	37.6	5	Chronic lower respiratory diseases (J40–J47)	1,136	4.1	143.1
6	Diabetes mellitus (E10–E14)	772	3.8	31.7	6	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	924	3.3	116.4
7	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	560	2.8	23.0	7	Septicemia (A40–A41)	597	2.1	75.2
8	Chronic liver disease and cirrhosis (K70,K73–K74)	529	2.6	21.7	8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	537	1.9	67.7
9	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	458	2.3	18.8	9	Influenza and pneumonia (J09–J18) ^d	465	1.7	58.6
10	Chronic lower respiratory diseases (J40–J47)	333	1.7	13.7	10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	404	1.5	50.9
...	All other causes (residual)	4,409	22.0	181.0	...	All other causes (residual)	4,304	15.5	542.3
Non-Hispanic black, male, 55–64 years					Non-Hispanic black, male, 75–84 years				
...	All causes	29,527	100.0	1,859.5	...	All causes	25,790	100.0	6,494.0
1	Malignant neoplasms (C00–C97)	8,699	29.5	547.8	1	Malignant neoplasms (C00–C97)	7,050	27.3	1,775.2
2	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	8,005	27.1	504.1	2	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	6,951	27.0	1,750.3
3	Cerebrovascular diseases (I60–I69)	1,462	5.0	92.1	3	Cerebrovascular diseases (I60–I69)	1,586	6.1	399.4
4	Diabetes mellitus (E10–E14)	1,293	4.4	81.4	4	Chronic lower respiratory diseases (J40–J47)	1,273	4.9	320.5
5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,136	3.8	71.5	5	Diabetes mellitus (E10–E14)	1,082	4.2	272.5
6	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	757	2.6	47.7	6	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	979	3.8	246.5
7	Human immunodeficiency virus (HIV) disease (B20–B24)	756	2.6	47.6	7	Septicemia (A40–A41)	599	2.3	150.8
8	Chronic lower respiratory diseases (J40–J47)	749	2.5	47.2	8	Influenza and pneumonia (J09–J18) ^d	591	2.3	148.8
9	Chronic liver disease and cirrhosis (K70,K73–K74)	638	2.2	40.2	9	Alzheimer's disease (G30)	589	2.3	148.3
10	Septicemia (A40–A41)	565	1.9	35.6	10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	400	1.6	100.7
...	All other causes (residual)	5,467	18.5	344.3	...	All other causes (residual)	4,290	16.6	1,080.2
Non-Hispanic black, male, 65 years and over					Non-Hispanic black, male, 85 years and over				
...	All causes	68,847	100.0	5,347.8	...	All causes	15,289	100.0	15,823.8
1	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	19,052	27.7	1,479.9	1	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	4,473	29.3	4,629.5
2	Malignant neoplasms (C00–C97)	18,863	27.4	1,465.2	2	Malignant neoplasms (C00–C97)	2,936	19.2	3,038.7
3	Cerebrovascular diseases (I60–I69)	4,083	5.9	317.2	3	Cerebrovascular diseases (I60–I69)	932	6.1	964.6
4	Chronic lower respiratory diseases (J40–J47)	3,098	4.5	240.6	4	Chronic lower respiratory diseases (J40–J47)	689	4.5	713.1
5	Diabetes mellitus (E10–E14)	2,901	4.2	225.3	5	Alzheimer's disease (G30)	633	4.1	655.1
6	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	2,463	3.6	191.3	6	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	560	3.7	579.6
7	Septicemia (A40–A41)	1,580	2.3	122.7	7	Diabetes mellitus (E10–E14)	488	3.2	505.1
8	Influenza and pneumonia (J09–J18) ^d	1,535	2.2	119.2	8	Influenza and pneumonia (J09–J18) ^d	479	3.1	495.8
9	Alzheimer's disease (G30)	1,385	2.0	107.6	9	Septicemia (A40–A41)	384	2.5	397.4
10	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,152	1.7	89.5	10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	307	2.0	317.7
...	All other causes (residual)	12,735	18.5	989.2	...	All other causes (residual)	3,408	22.3	3,527.2

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

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Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Non-Hispanic black, female, all ages ³					Non-Hispanic black, female, 10-14 years				
...	All causes	138,785	100.0	683.4	...	All causes	283	100.0	19.0
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	33,876	24.4	166.8	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	65	23.0	4.4
2	Malignant neoplasms (C00-C97)	30,902	22.3	152.2	2	Malignant neoplasms (C00-C97)	28	9.9	1.9
3	Cerebrovascular diseases (I60-I69)	8,826	6.4	43.5	3	Diseases of heart (I00-I09,I11,I13,I20-I51)	18	6.4	*
4	Diabetes mellitus (E10-E14)	6,403	4.6	31.5	4	Influenza and pneumonia (J09-J18) ⁴	15	5.3	*
5	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	4,797	3.5	23.6	4	Chronic lower respiratory diseases (J40-J47)	15	5.3	*
6	Chronic lower respiratory diseases (J40-J47)	3,987	2.9	19.6	6	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	14	4.9	*
7	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	3,916	2.8	19.3	6	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	14	4.9	*
8	Alzheimer's disease (G30)	3,612	2.6	17.8	8	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	12	4.2	*
9	Septicemia (A40-A41)	3,410	2.5	16.8	9	Anemias (D50-D64)	9	3.2	*
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	2,774	2.0	13.7	10	Septicemia (A40-A41)	8	2.8	*
...	All other causes (residual)	36,282	26.1	178.7	...	All other causes (residual)	85	30.0	5.7
Non-Hispanic black, female, 1-4 years					Non-Hispanic black, female, 15-19 years				
...	All causes	478	100.0	38.9	...	All causes	610	100.0	36.2
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	119	24.9	9.7	1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	172	28.2	10.2
2	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	64	13.4	5.2	2	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	114	18.7	6.8
3	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	39	8.2	3.2	3	Malignant neoplasms (C00-C97)	46	7.5	2.7
4	Malignant neoplasms (C00-C97)	36	7.5	2.9	4	Diseases of heart (I00-I09,I11,I13,I20-I51)	35	5.7	2.1
5	Diseases of heart (I00-I09,I11,I13,I20-I51)	28	5.9	2.3	5	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	31	5.1	1.8
6	Influenza and pneumonia (J09-J18) ⁴	16	3.3	*	6	Pregnancy, childbirth and the puerperium (O00-O99)	21	3.4	1.2
7	Chronic lower respiratory diseases (J40-J47)	15	3.1	*	6	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	21	3.4	1.2
8	Septicemia (A40-A41)	12	2.5	*	8	Influenza and pneumonia (J09-J18) ⁴	17	2.8	*
9	Certain conditions originating in the perinatal period (P00-P96)	9	1.9	*	8	Chronic lower respiratory diseases (J40-J47)	17	2.8	*
10	Cerebrovascular diseases (I60-I69)	5	1.0	*	10	Anemias (D50-D64)	11	1.8	*
10	Acute bronchitis and bronchiolitis (J20-J21)	5	1.0	*	...	All other causes (residual)	125	20.5	7.4
...	All other causes (residual)	130	27.2	10.6	...	All other causes (residual)	125	20.5	7.4
Non-Hispanic black, female, 5-9 years									
...	All causes	248	100.0	16.8					
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	74	29.8	5.0					
2	Malignant neoplasms (C00-C97)	40	16.1	2.7					
3	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	18	7.3	*					
3	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)	18	7.3	*					
5	Chronic lower respiratory diseases (J40-J47)	12	4.8	*					
6	Diseases of heart (I00-I09,I11,I13,I20-I51)	11	4.4	*					
7	Influenza and pneumonia (J09-J18) ⁴	8	3.2	*					
8	Septicemia (A40-A41)	4	1.6	*					
8	Cerebrovascular diseases (I60-I69)	4	1.6	*					
10	Anemias (D50-D64)	3	1.2	*					
10	Diabetes mellitus (E10-E14)	3	1.2	*					
...	All other causes (residual)	53	21.4	3.6					

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Non-Hispanic black, female, 20–24 years					Non-Hispanic black, female, 45–54 years				
...	All causes	1,007	100.0	63.7	...	All causes	14,996	100.0	527.6
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	200	19.9	12.7	1	Malignant neoplasms (C00–C97)	4,372	29.2	153.8
2	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	163	16.2	10.3	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	2,978	19.9	104.8
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	81	8.0	5.1	3	Cerebrovascular diseases (I60–I69)	864	5.8	30.4
4	Malignant neoplasms (C00–C97)	80	7.9	5.1	4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	788	5.3	27.7
5	Pregnancy, childbirth and the puerperium (O00–O99)	67	6.7	4.2	5	Human immunodeficiency virus (HIV) disease (B20–B24)	632	4.2	22.2
6	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	42	4.2	2.7	6	Diabetes mellitus (E10–E14)	556	3.7	19.6
7	Human immunodeficiency virus (HIV) disease (B20–B24)	34	3.4	2.2	7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	398	2.7	14.0
8	Influenza and pneumonia (J09–J18) ⁴	28	2.8	1.8	8	Chronic lower respiratory diseases (J40–J47)	369	2.5	13.0
9	Anemias (D50–D64)	19	1.9	*	9	Septicemia (A40–A41)	310	2.1	10.9
10	Diabetes mellitus (E10–E14)	17	1.7	*	10	Chronic liver disease and cirrhosis (K70,K73–K74)	270	1.8	9.5
...	All other causes (residual)	276	27.4	17.5	...	All other causes (residual)	3,459	23.1	121.7
Non-Hispanic black, female, 25–34 years					Non-Hispanic black, female, 55–64 years				
...	All causes	2,919	100.0	101.2	...	All causes	20,562	100.0	1,039.4
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	379	13.0	13.1	1	Malignant neoplasms (C00–C97)	6,845	33.3	346.0
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	376	12.9	13.0	2	Diseases of heart (I00–I09,I11,I13,I20–I51)	4,771	23.2	241.2
3	Malignant neoplasms (C00–C97)	346	11.9	12.0	3	Diabetes mellitus (E10–E14)	1,135	5.5	57.4
4	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	277	9.5	9.6	4	Cerebrovascular diseases (I60–I69)	1,117	5.4	56.5
5	Human immunodeficiency virus (HIV) disease (B20–B24)	254	8.7	8.8	5	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	658	3.2	33.3
6	Pregnancy, childbirth and the puerperium (O00–O99)	129	4.4	4.5	6	Chronic lower respiratory diseases (J40–J47)	614	3.0	31.0
7	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	87	3.0	3.0	7	Septicemia (A40–A41)	511	2.5	25.8
8	Influenza and pneumonia (J09–J18) ⁴	81	2.8	2.8	8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	472	2.3	23.9
9	Diabetes mellitus (E10–E14)	80	2.7	2.8	9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	361	1.8	18.2
10	Cerebrovascular diseases (I60–I69)	64	2.2	2.2	10	Chronic liver disease and cirrhosis (K70,K73–K74)	290	1.4	14.7
...	All other causes (residual)	846	29.0	29.3	...	All other causes (residual)	3,788	18.4	191.5
Non-Hispanic black, female, 35–44 years					Non-Hispanic black, female, 65 years and over				
...	All causes	6,125	100.0	220.0	...	All causes	88,105	100.0	4,298.8
1	Malignant neoplasms (C00–C97)	1,313	21.4	47.2	1	Diseases of heart (I00–I09,I11,I13,I20–I51)	24,511	27.8	1,195.9
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,024	16.7	36.8	2	Malignant neoplasms (C00–C97)	17,790	20.2	868.0
3	Human immunodeficiency virus (HIV) disease (B20–B24)	524	8.6	18.8	3	Cerebrovascular diseases (I60–I69)	6,480	7.4	316.2
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	498	8.1	17.9	4	Diabetes mellitus (E10–E14)	4,404	5.0	214.9
5	Cerebrovascular diseases (I60–I69)	255	4.2	9.2	5	Alzheimer's disease (G30)	3,577	4.1	174.5
6	Diabetes mellitus (E10–E14)	197	3.2	7.1	6	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	3,512	4.0	171.4
7	Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	181	3.0	6.5	7	Chronic lower respiratory diseases (J40–J47)	2,805	3.2	136.9
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	152	2.5	5.5	8	Septicemia (A40–A41)	2,307	2.6	112.6
9	Septicemia (A40–A41)	141	2.3	5.1	9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	2,058	2.3	100.4
10	Influenza and pneumonia (J09–J18) ⁴	135	2.2	4.8	10	Influenza and pneumonia (J09–J18) ⁴	1,885	2.1	92.0
...	All other causes (residual)	1,705	27.8	61.2	...	All other causes (residual)	18,776	21.3	916.1

See footnotes at end of table.

Table 2. Deaths, percentage of total deaths, and death rates for the 10 leading causes of death in selected age groups, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²	Rank ¹	Cause of death (based on ICD-10, 2004), Hispanic origin, race, sex, and age	Number ²	Percent of total deaths	Death rate ²
Non-Hispanic black, female, 65–74 years					Non-Hispanic black, female, 85 years and over				
...	All causes	23,567	100.0	2,126.3	...	All causes	33,543	100.0	12,954.5
1	Malignant neoplasms(C00–C97)	7,353	31.2	663.4	1	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	10,360	30.9	4,001.1
2	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	5,764	24.5	520.0	2	Malignant neoplasms(C00–C97)	3,648	10.9	1,408.9
3	Diabetes mellitus(E10–E14)	1,417	6.0	127.8	3	Cerebrovascular diseases(I60–I69)	2,687	8.0	1,037.7
4	Cerebrovascular diseases(I60–I69)	1,414	6.0	127.6	4	Alzheimer's disease(G30)	2,312	6.9	892.9
5	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	995	4.2	89.8	5	Diabetes mellitus(E10–E14)	1,324	3.9	511.3
6	Chronic lower respiratory diseases(J40–J47)	921	3.9	83.1	6	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	1,206	3.6	465.8
7	Septicemia(A40–A41)	664	2.8	59.9	7	Essential hypertension and hypertensive renal disease(I10,I12,I15)	926	2.8	357.6
8	Essential hypertension and hypertensive renal disease(I10,I12,I15)	461	2.0	41.6	8	Influenza and pneumonia(J09–J18) ⁴	899	2.7	347.2
9	Influenza and pneumonia(J09–J18) ⁴	343	1.5	30.9	9	Chronic lower respiratory diseases(J40–J47)	840	2.5	324.4
10	Accidents (unintentional injuries)(V01–X59,Y85–Y86)	273	1.2	24.6	10	Septicemia(A40–A41)	793	2.4	306.3
...	All other causes(residual)	3,962	16.8	357.5	...	All other causes(residual)	8,548	25.5	3,301.3
Non-Hispanic black, female, 75–84 years									
...	All causes	30,995	100.0	4,543.2					
1	Diseases of heart . . . (I00–I09,I11,I13,I20–I51)	8,387	27.1	1,229.3					
2	Malignant neoplasms(C00–C97)	6,789	21.9	995.1					
3	Cerebrovascular diseases(I60–I69)	2,379	7.7	348.7					
4	Diabetes mellitus(E10–E14)	1,663	5.4	243.8					
5	Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07,N17–N19,N25–N27)	1,311	4.2	192.2					
6	Alzheimer's disease(G30)	1,067	3.4	156.4					
7	Chronic lower respiratory diseases(J40–J47)	1,044	3.4	153.0					
8	Septicemia(A40–A41)	850	2.7	124.6					
9	Essential hypertension and hypertensive renal disease(I10,I12,I15)	671	2.2	98.4					
10	Influenza and pneumonia(J09–J18) ⁴	643	2.1	94.2					
...	All other causes(residual)	6,191	20.0	907.5					

... Category not applicable.

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

¹Based on number of deaths; see Technical Notes.

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

³Includes deaths for "Under 1 year."

⁴The title of ICD-10 code J09 was amended in 2009 to reflect the inclusion of Influenza A/H1N1 pandemic 2009 (swine flu). The new J09 title is Influenza due to certain identified influenza virus; see Technical Notes.

SOURCE: CDC/NCHS, National Vital Statistics System, Mortality.

Table 3. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by race and sex: United States, 2009

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

Rank ¹	Cause of death (based on ICD–10, 2004), age, race, and sex	Number	Percent of total deaths	Mortality rate	Rank ¹	Cause of death (based on ICD–10, 2004), age, race, and sex	Number	Percent of total deaths	Mortality rate
Infants, all races, both sexes					Infants, white, both sexes				
...	All causes	26,412	100.0	639.4	...	All causes	16,817	100.0	530.0
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	5,319	20.1	128.8	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	3,942	23.4	124.2
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	4,538	17.2	109.9	2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	2,473	14.7	77.9
3	Sudden infant death syndrome (R95)	2,226	8.4	53.9	3	Sudden infant death syndrome (R95)	1,437	8.5	45.3
4	Newborn affected by maternal complications of pregnancy (P01)	1,608	6.1	38.9	4	Newborn affected by maternal complications of pregnancy (P01)	962	5.7	30.3
5	Accidents (unintentional injuries) . . . (V01–X59)	1,181	4.5	28.6	5	Accidents (unintentional injuries) . . . (V01–X59)	737	4.4	23.2
6	Newborn affected by complications of placenta, cord and membranes (P02)	1,064	4.0	25.8	6	Newborn affected by complications of placenta, cord and membranes (P02)	689	4.1	21.7
7	Bacterial sepsis of newborn (P36)	652	2.5	15.8	7	Bacterial sepsis of newborn (P36)	380	2.3	12.0
8	Respiratory distress of newborn (P22)	595	2.3	14.4	8	Diseases of the circulatory system (I00–I99)	377	2.2	11.9
9	Diseases of the circulatory system . . . (I00–I99)	581	2.2	14.1	9	Respiratory distress of newborn (P22)	356	2.1	11.2
10	Neonatal hemorrhage (P50–P52,P54)	517	2.0	12.5	10	Neonatal hemorrhage (P50–P52,P54)	349	2.1	11.0
...	All other causes (residual)	8,131	30.8	196.8	...	All other causes (residual)	5,115	30.4	161.2
Infants, all races, male					Infants, white, male				
...	All causes	14,823	100.0	701.2	...	All causes	9,419	100.0	579.5
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	2,766	18.7	130.9	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	2,063	21.9	126.9
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	2,547	17.2	120.5	2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	1,397	14.8	85.9
3	Sudden infant death syndrome (R95)	1,304	8.8	61.7	3	Sudden infant death syndrome (R95)	849	9.0	52.2
4	Newborn affected by maternal complications of pregnancy (P01)	912	6.2	43.1	4	Newborn affected by maternal complications of pregnancy (P01)	523	5.6	32.2
5	Accidents (unintentional injuries) . . . (V01–X59)	699	4.7	33.1	5	Accidents (unintentional injuries) . . . (V01–X59)	437	4.6	26.9
6	Newborn affected by complications of placenta, cord and membranes (P02)	573	3.9	27.1	6	Newborn affected by complications of placenta, cord and membranes (P02)	370	3.9	22.8
7	Bacterial sepsis of newborn (P36)	368	2.5	17.4	7	Bacterial sepsis of newborn (P36)	218	2.3	13.4
8	Respiratory distress of newborn (P22)	352	2.4	16.7	8	Neonatal hemorrhage (P50–P52,P54)	217	2.3	13.4
9	Diseases of the circulatory system . . . (I00–I99)	327	2.2	15.5	9	Respiratory distress of newborn (P22)	215	2.3	13.2
10	Neonatal hemorrhage (P50–P52,P54)	315	2.1	14.9	10	Diseases of the circulatory system (I00–I99)	205	2.2	12.6
...	All other causes (residual)	4,660	31.4	220.5	...	All other causes (residual)	2,925	31.1	180.0
Infants, all races, female					Infants, white, female				
...	All causes	11,589	100.0	574.6	...	All causes	7,398	100.0	478.0
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	2,553	22.0	126.6	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1,879	25.4	121.4
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	1,991	17.2	98.7	2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	1,076	14.5	69.5
3	Sudden infant death syndrome (R95)	922	8.0	45.7	3	Sudden infant death syndrome (R95)	588	7.9	38.0
4	Newborn affected by maternal complications of pregnancy (P01)	696	6.0	34.5	4	Newborn affected by maternal complications of pregnancy (P01)	439	5.9	28.4
5	Newborn affected by complications of placenta, cord and membranes (P02)	491	4.2	24.3	5	Newborn affected by complications of placenta, cord and membranes (P02)	319	4.3	20.6
6	Accidents (unintentional injuries) . . . (V01–X59)	482	4.2	23.9	6	Accidents (unintentional injuries) . . . (V01–X59)	300	4.1	19.4
7	Bacterial sepsis of newborn (P36)	284	2.5	14.1	7	Diseases of the circulatory system . . . (I00–I99)	172	2.3	11.1
8	Diseases of the circulatory system . . . (I00–I99)	254	2.2	12.6	8	Bacterial sepsis of newborn (P36)	162	2.2	10.5
9	Respiratory distress of newborn (P22)	243	2.1	12.0	9	Respiratory distress of newborn (P22)	141	1.9	9.1
10	Necrotizing enterocolitis of newborn . . . (P77)	207	1.8	10.3	10	Neonatal hemorrhage (P50–P52,P54)	132	1.8	8.5
...	All other causes (residual)	3,466	29.9	171.9	...	All other causes (residual)	2,190	29.6	141.5

See footnotes at end of table.

Table 3. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD–10, 2004), age, race, and sex	Number	Percent of total deaths	Mortality rate	Rank ¹	Cause of death (based on ICD–10, 2004), age, race, and sex	Number	Percent of total deaths	Mortality rate
Infants, black, both sexes					Infants, American Indian or Alaska Native, both sexes				
...	All causes	8,312	100.0	1,264.0	...	All causes	385	100.0	791.1
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	1,870	22.5	284.4	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	89	23.1	182.9
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1,075	12.9	163.5	2	Sudden infant death syndrome (R95)	55	14.3	113.0
3	Sudden infant death syndrome (R95)	690	8.3	104.9	3	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	44	11.4	90.4
4	Newborn affected by maternal complications of pregnancy (P01)	562	6.8	85.5	4	Newborn affected by maternal complications of pregnancy (P01)	23	6.0	47.3
5	Accidents (unintentional injuries) (V01–X59)	402	4.8	61.1	5	Accidents (unintentional injuries) (V01–X59)	21	5.5	43.2
6	Newborn affected by complications of placenta, cord and membranes (P02)	322	3.9	49.0	6	Newborn affected by complications of placenta, cord and membranes (P02)	11	2.9	*
7	Bacterial sepsis of newborn (P36)	241	2.9	36.6	6	Necrotizing enterocolitis of newborn (P77)	11	2.9	*
8	Respiratory distress of newborn (P22)	215	2.6	32.7	8	Influenza and pneumonia (J09–J18) ²	8	2.1	*
9	Diseases of the circulatory system (I00–I99)	177	2.1	26.9	9	Atelectasis (P28.0–P28.1)	7	1.8	*
10	Necrotizing enterocolitis of newborn (P77)	168	2.0	25.5	9	Bacterial sepsis of newborn (P36)	7	1.8	*
...	All other causes (residual)	2,590	31.2	393.8	...	All other causes (residual)	109	28.3	224.0
Infants, black, male					Infants, American Indian or Alaska Native, male				
...	All causes	4,706	100.0	1,408.4	...	All causes	214	100.0	864.6
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	1,045	22.2	312.7	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	43	20.1	173.7
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	554	11.8	165.8	2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	28	13.1	113.1
3	Sudden infant death syndrome (R95)	399	8.5	119.4	3	Sudden infant death syndrome (R95)	27	12.6	109.1
4	Newborn affected by maternal complications of pregnancy (P01)	341	7.2	102.1	4	Accidents (unintentional injuries) (V01–X59)	14	6.5	*
5	Accidents (unintentional injuries) (V01–X59)	233	5.0	69.7	5	Newborn affected by maternal complications of pregnancy (P01)	12	5.6	*
6	Newborn affected by complications of placenta, cord and membranes (P02)	169	3.6	50.6	6	Newborn affected by complications of placenta, cord and membranes (P02)	8	3.7	*
7	Bacterial sepsis of newborn (P36)	136	2.9	40.7	7	Necrotizing enterocolitis of newborn (P77)	7	3.3	*
8	Respiratory distress of newborn (P22)	122	2.6	36.5	8	Atelectasis (P28.0–P28.1)	5	2.3	*
9	Diseases of the circulatory system (I00–I99)	108	2.3	32.3	8	Bacterial sepsis of newborn (P36)	5	2.3	*
10	Necrotizing enterocolitis of newborn (P77)	93	2.0	27.8	10	Influenza and pneumonia (J09–J18) ²	4	1.9	*
...	All other causes (residual)	1,506	32.0	450.7	10	Respiratory distress of newborn (P22)	4	1.9	*
...	All other causes (residual)	1,506	32.0	450.7	...	All other causes (residual)	57	26.6	230.3
Infants, black, female									
...	All causes	3,606	100.0	1,114.8					
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	825	22.9	255.0					
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	521	14.4	161.1					
3	Sudden infant death syndrome (R95)	291	8.1	90.0					
4	Newborn affected by maternal complications of pregnancy (P01)	221	6.1	68.3					
5	Accidents (unintentional injuries) (V01–X59)	169	4.7	52.2					
6	Newborn affected by complications of placenta, cord and membranes (P02)	153	4.2	47.3					
7	Bacterial sepsis of newborn (P36)	105	2.9	32.5					
8	Respiratory distress of newborn (P22)	93	2.6	28.8					
9	Necrotizing enterocolitis of newborn (P77)	75	2.1	23.2					
10	Diseases of the circulatory system (I00–I99)	69	1.9	21.3					
...	All other causes (residual)	1,084	30.1	335.1					

See footnotes at end of table.

Table 3. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD-10, 2004), age, race, and sex	Number	Percent of total deaths	Mortality rate	Rank ¹	Cause of death (based on ICD-10, 2004), age, race, and sex	Number	Percent of total deaths	Mortality rate
Infants, American Indian or Alaska Native, female					Infants, Asian or Pacific Islander, male				
...	All causes	171	100.0	715.1	...	All causes	484	100.0	373.7
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	46	26.9	192.4	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	106	21.9	81.8
2	Sudden infant death syndrome(R95)	28	16.4	117.1	2	Disorders related to short gestation and low birth weight, not elsewhere classified.(P07)	77	15.9	59.4
3	Disorders related to short gestation and low birth weight, not elsewhere classified.(P07)	16	9.4	*	3	Newborn affected by maternal complications of pregnancy(P01)	36	7.4	27.8
4	Newborn affected by maternal complications of pregnancy(P01)	11	6.4	*	4	Sudden infant death syndrome(R95)	29	6.0	22.4
5	Accidents (unintentional injuries) . . .(V01–X59)	7	4.1	*	5	Newborn affected by complications of placenta, cord and membranes(P02)	26	5.4	20.1
6	Diseases of the circulatory system . . .(I00–I99)	4	2.3	*	6	Accidents (unintentional injuries) . . .(V01–X59)	15	3.1	*
6	Influenza and pneumonia(J09–J18) ²	4	2.3	*	7	Diseases of the circulatory system . . .(I00–I99)	12	2.5	*
6	Necrotizing enterocolitis of newborn(P77)	4	2.3	*	8	Respiratory distress of newborn.(P22)	11	2.3	*
6	Assault (homicide)(*U01,X85–Y09)	4	2.3	*	8	Neonatal hemorrhage(P50–P52,P54)	11	2.3	*
10	Newborn affected by complications of placenta, cord and membranes(P02)	3	1.8	*	10	Bacterial sepsis of newborn(P36)	9	1.9	*
...	All other causes(residual)	44	25.7	184.0	10	Necrotizing enterocolitis of newborn(P77)	9	1.9	*
...					...	All other causes(residual)	143	29.5	110.4
Infants, Asian or Pacific Islander, both sexes					Infants, Asian or Pacific Islander, female				
...	All causes	898	100.0	357.6	...	All causes	414	100.0	340.6
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	213	23.7	84.8	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	107	25.8	88.0
2	Disorders related to short gestation and low birth weight, not elsewhere classified.(P07)	151	16.8	60.1	2	Disorders related to short gestation and low birth weight, not elsewhere classified.(P07)	74	17.9	60.9
3	Newborn affected by maternal complications of pregnancy(P01)	61	6.8	24.3	3	Newborn affected by maternal complications of pregnancy(P01)	25	6.0	20.6
4	Sudden infant death syndrome(R95)	44	4.9	17.5	4	Newborn affected by complications of placenta, cord and membranes(P02)	16	3.9	*
5	Newborn affected by complications of placenta, cord and membranes(P02)	42	4.7	16.7	5	Bacterial sepsis of newborn(P36)	15	3.6	*
6	Bacterial sepsis of newborn(P36)	24	2.7	9.6	5	Sudden infant death syndrome(R95)	15	3.6	*
7	Diseases of the circulatory system . . .(I00–I99)	21	2.3	8.4	7	Neonatal hemorrhage(P50–P52,P54)	10	2.4	*
7	Neonatal hemorrhage(P50–P52,P54)	21	2.3	8.4	8	Diseases of the circulatory system . . .(I00–I99)	9	2.2	*
7	Accidents (unintentional injuries) . . .(V01–X59)	21	2.3	8.4	9	Respiratory distress of newborn.(P22)	8	1.9	*
10	Respiratory distress of newborn.(P22)	19	2.1	*	10	Influenza and pneumonia(J09–J18) ²	7	1.7	*
...	All other causes(residual)	281	31.3	111.9	...	All other causes(residual)	128	30.9	105.3

See footnotes at end of table.

Table 3. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD–10, 2004), age, race, and sex	Number	Percent of total deaths	Mortality rate	Rank ¹	Cause of death (based on ICD–10, 2004), age, race, and sex	Number	Percent of total deaths	Mortality rate
Neonates, all races, both sexes					Neonates, white, both sexes				
...	All causes	17,255	100.0	417.7	...	All causes	11,054	100.0	348.3
1	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	4,431	25.7	107.3	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	2,837	25.7	89.4
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	3,745	21.7	90.7	2	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	2,427	22.0	76.5
3	Newborn affected by maternal complications of pregnancy (P01)	1,599	9.3	38.7	3	Newborn affected by maternal complications of pregnancy (P01)	956	8.6	30.1
4	Newborn affected by complications of placenta, cord and membranes (P02)	1,056	6.1	25.6	4	Newborn affected by complications of placenta, cord and membranes (P02)	684	6.2	21.6
5	Bacterial sepsis of newborn (P36)	624	3.6	15.1	5	Bacterial sepsis of newborn (P36)	368	3.3	11.6
6	Respiratory distress of newborn. (P22)	587	3.4	14.2	6	Respiratory distress of newborn. (P22)	350	3.2	11.0
7	Neonatal hemorrhage (P50–P52,P54)	507	2.9	12.3	7	Neonatal hemorrhage (P50–P52,P54)	344	3.1	10.8
8	Necrotizing enterocolitis of newborn (P77)	420	2.4	10.2	8	Necrotizing enterocolitis of newborn (P77)	253	2.3	8.0
9	Intrauterine hypoxia and birth asphyxia. (P20–P21)	298	1.7	7.2	9	Intrauterine hypoxia and birth asphyxia. (P20–P21)	211	1.9	6.6
10	Atelectasis. (P28.0–P28.1)	271	1.6	6.6	10	Atelectasis. (P28.0–P28.1)	182	1.6	5.7
...	All other causes (residual)	3,717	21.5	90.0	...	All other causes (residual)	2,442	22.1	77.0
Neonates, all races, male					Neonates, white, male				
...	All causes	9,578	100.0	453.1	...	All causes	6,110	100.0	375.9
1	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	2,489	26.0	117.7	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1,510	24.7	92.9
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1,993	20.8	94.3	2	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	1,370	22.4	84.3
3	Newborn affected by maternal complications of pregnancy (P01)	905	9.4	42.8	3	Newborn affected by maternal complications of pregnancy (P01)	518	8.5	31.9
4	Newborn affected by complications of placenta, cord and membranes (P02)	567	5.9	26.8	4	Newborn affected by complications of placenta, cord and membranes (P02)	366	6.0	22.5
5	Bacterial sepsis of newborn (P36)	354	3.7	16.7	5	Neonatal hemorrhage (P50–P52,P54)	214	3.5	13.2
6	Respiratory distress of newborn. (P22)	348	3.6	16.5	6	Respiratory distress of newborn. (P22)	212	3.5	13.0
7	Neonatal hemorrhage (P50–P52,P54)	309	3.2	14.6	6	Bacterial sepsis of newborn (P36)	212	3.5	13.0
8	Necrotizing enterocolitis of newborn (P77)	241	2.5	11.4	8	Necrotizing enterocolitis of newborn (P77)	148	2.4	9.1
9	Intrauterine hypoxia and birth asphyxia. (P20–P21)	158	1.6	7.5	9	Intrauterine hypoxia and birth asphyxia. (P20–P21)	119	1.9	7.3
10	Atelectasis. (P28.0–P28.1)	154	1.6	7.3	10	Atelectasis. (P28.0–P28.1)	108	1.8	6.6
...	All other causes (residual)	2,060	21.5	97.5	...	All other causes (residual)	1,333	21.8	82.0
Neonates, all races, female					Neonates, white, female				
...	All causes	7,677	100.0	380.7	...	All causes	4,944	100.0	319.4
1	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	1,942	25.3	96.3	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1,327	26.8	85.7
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1,752	22.8	86.9	2	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	1,057	21.4	68.3
3	Newborn affected by maternal complications of pregnancy (P01)	694	9.0	34.4	3	Newborn affected by maternal complications of pregnancy (P01)	438	8.9	28.3
4	Newborn affected by complications of placenta, cord and membranes (P02)	489	6.4	24.2	4	Newborn affected by complications of placenta, cord and membranes (P02)	318	6.4	20.5
5	Bacterial sepsis of newborn (P36)	270	3.5	13.4	5	Bacterial sepsis of newborn (P36)	156	3.2	10.1
6	Respiratory distress of newborn. (P22)	239	3.1	11.9	6	Respiratory distress of newborn. (P22)	138	2.8	8.9
7	Neonatal hemorrhage (P50–P52,P54)	198	2.6	9.8	7	Neonatal hemorrhage (P50–P52,P54)	130	2.6	8.4
8	Necrotizing enterocolitis of newborn (P77)	179	2.3	8.9	8	Necrotizing enterocolitis of newborn (P77)	105	2.1	6.8
9	Intrauterine hypoxia and birth asphyxia. (P20–P21)	140	1.8	6.9	9	Intrauterine hypoxia and birth asphyxia. (P20–P21)	92	1.9	5.9
10	Atelectasis. (P28.0–P28.1)	117	1.5	5.8	10	Atelectasis. (P28.0–P28.1)	74	1.5	4.8
...	All other causes (residual)	1,657	21.6	82.2	...	All other causes (residual)	1,109	22.4	71.6

See footnotes at end of table.

Table 3. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD–10, 2004), age, race, and sex	Number	Percent of total deaths	Mortality rate	Rank ¹	Cause of death (based on ICD–10, 2004), age, race, and sex	Number	Percent of total deaths	Mortality rate
Neonates, black, both sexes					Neonates, American Indian or Alaska Native, both sexes				
...	All causes	5,374	100.0	817.2	...	All causes	208	100.0	427.4
1	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	1,815	33.8	276.0	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	49	23.6	100.7
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	713	13.3	108.4	2	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	43	20.7	88.4
3	Newborn affected by maternal complications of pregnancy (P01)	559	10.4	85.0	3	Newborn affected by maternal complications of pregnancy (P01)	23	11.1	47.3
4	Newborn affected by complications of placenta, cord and membranes (P02)	319	5.9	48.5	4	Newborn affected by complications of placenta, cord and membranes (P02)	11	5.3	*
5	Bacterial sepsis of newborn (P36)	227	4.2	34.5	5	Necrotizing enterocolitis of newborn (P77)	10	4.8	*
6	Respiratory distress of newborn. (P22)	213	4.0	32.4	6	Atelectasis. (P28.0–P28.1)	7	3.4	*
7	Necrotizing enterocolitis of newborn (P77)	145	2.7	22.0	6	Bacterial sepsis of newborn (P36)	6	2.9	*
8	Neonatal hemorrhage (P50–P52,P54)	141	2.6	21.4	7	Sudden infant death syndrome (R95)	6	2.9	*
9	Intrauterine hypoxia and birth asphyxia. (P20–P21)	76	1.4	11.6	9	Respiratory distress of newborn. (P22)	5	2.4	*
10	Atelectasis. (P28.0–P28.1)	72	1.3	10.9	10	Neonatal hemorrhage (P50–P52,P54)	4	1.9	*
...	All other causes (residual)	1,094	20.4	166.4	...	All other causes (residual)	44	21.2	90.4
Neonates, black, male					Neonates, American Indian or Alaska Native, male				
...	All causes	3,019	100.0	903.5	...	All causes	123	100.0	496.9
1	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	1,018	33.7	304.7	1	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	27	22.0	109.1
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	387	12.8	115.8	2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	26	21.1	105.0
3	Newborn affected by maternal complications of pregnancy (P01)	339	11.2	101.5	3	Newborn affected by maternal complications of pregnancy (P01)	12	9.8	*
4	Newborn affected by complications of placenta, cord and membranes (P02)	167	5.5	50.0	4	Newborn affected by complications of placenta, cord and membranes (P02)	8	6.5	*
5	Bacterial sepsis of newborn (P36)	128	4.2	38.3	5	Necrotizing enterocolitis of newborn (P77)	7	5.7	*
6	Respiratory distress of newborn. (P22)	121	4.0	36.2	6	Atelectasis. (P28.0–P28.1)	5	4.1	*
7	Neonatal hemorrhage (P50–P52,P54)	84	2.8	25.1	6	Bacterial sepsis of newborn (P36)	5	4.1	*
8	Necrotizing enterocolitis of newborn (P77)	78	2.6	23.3	8	Respiratory distress of newborn. (P22)	4	3.3	*
9	Pulmonary hemorrhage originating in the perinatal period (P26)	43	1.4	12.9	9	Accidents (unintentional injuries) (V01–X59)	3	2.4	*
10	Atelectasis. (P28.0–P28.1)	36	1.2	10.8	10	Newborn affected by other maternal conditions which may be unrelated to present pregnancy (P00.1–P00.9)	2	1.6	*
...	All other causes (residual)	618	20.5	185.0	10	Neonatal hemorrhage (P50–P52,P54)	2	1.6	*
Neonates, black, female					...	All other causes (residual)	22	17.9	88.9
...	All causes	2,355	100.0	728.0					
1	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	797	33.8	246.4					
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	326	13.8	100.8					
3	Newborn affected by maternal complications of pregnancy (P01)	220	9.3	68.0					
4	Newborn affected by complications of placenta, cord and membranes (P02)	152	6.5	47.0					
5	Bacterial sepsis of newborn (P36)	99	4.2	30.6					
6	Respiratory distress of newborn. (P22)	92	3.9	28.4					
7	Necrotizing enterocolitis of newborn (P77)	67	2.8	20.7					
8	Neonatal hemorrhage (P50–P52,P54)	57	2.4	17.6					
9	Intrauterine hypoxia and birth asphyxia. (P20–P21)	41	1.7	12.7					
10	Atelectasis. (P28.0–P28.1)	36	1.5	11.1					
...	All other causes (residual)	468	19.9	144.7					

See footnotes at end of table.

Table 3. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by race and sex: United States, 2009—Con.

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Rank ¹	Cause of death (based on ICD–10, 2004), age, race, and sex	Number	Percent of total deaths	Mortality rate	Rank ¹	Cause of death (based on ICD–10, 2004), age, race, and sex	Number	Percent of total deaths	Mortality rate
Neonates, American Indian or Alaska Native, female					Neonates, Asian or Pacific Islander, male				
...	All causes	85	100.0	355.5	...	All causes	326	100.0	251.7
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	23	27.1	96.2	1	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	74	22.7	57.1
2	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	16	18.8	*	2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	70	21.5	54.0
3	Newborn affected by maternal complications of pregnancy (P01)	11	12.9	*	3	Newborn affected by maternal complications of pregnancy (P01)	36	11.0	27.8
4	Sudden infant death syndrome (R95)	5	5.9	*	4	Newborn affected by complications of placenta, cord and membranes (P02)	26	8.0	20.1
5	Newborn affected by complications of placenta, cord and membranes (P02)	3	3.5	*	5	Respiratory distress of newborn. (P22)	11	3.4	*
5	Necrotizing enterocolitis of newborn (P77)	3	3.5	*	6	Bacterial sepsis of newborn (P36)	9	2.8	*
7	Pulmonary hemorrhage originating in the perinatal period (P26)	2	2.4	*	6	Neonatal hemorrhage (P50–P52,P54)	9	2.8	*
7	Atelectasis. (P28.0–P28.1)	2	2.4	*	8	Necrotizing enterocolitis of newborn (P77)	8	2.5	*
7	Neonatal hemorrhage (P50–P52,P54)	2	2.4	*	9	Atelectasis. (P28.0–P28.1)	5	1.5	*
10	Diseases of the circulatory system (I00–I99)	1	1.2	*	10	Newborn affected by other maternal conditions which may be unrelated to present pregnancy (P00.1–P00.9)	4	1.2	*
10	Newborn affected by other complications of labor and delivery. (P03)	1	1.2	*	10	Intrauterine hypoxia and birth asphyxia (P20–P21)	4	1.2	*
10	Intrauterine hypoxia and birth asphyxia (P20–P21)	1	1.2	*	...	All other causes (residual)	70	21.5	54.0
10	Respiratory distress of newborn. (P22)	1	1.2	*	Neonates, Asian or Pacific Islander, female				
10	Congenital pneumonia (P23)	1	1.2	*	...	All causes	293	100.0	241.0
10	Neonatal aspiration syndromes (P24)	1	1.2	*	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	76	25.9	62.5
10	Bacterial sepsis of newborn (P36)	1	1.2	*	2	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	72	24.6	59.2
10	Assault (homicide) (*U01,X85–Y09)	1	1.2	*	3	Newborn affected by maternal complications of pregnancy (P01)	25	8.5	20.6
...	All other causes (residual)	10	11.8	*	4	Newborn affected by complications of placenta, cord and membranes (P02)	16	5.5	*
Neonates, Asian or Pacific Islander, both sexes					5	Bacterial sepsis of newborn (P36)	14	4.8	*
...	All causes	619	100.0	246.5	6	Neonatal hemorrhage (P50–P52,P54)	9	3.1	*
1	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	146	23.6	58.1	7	Respiratory distress of newborn. (P22)	8	2.7	*
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	146	23.6	58.1	8	Intrauterine hypoxia and birth asphyxia (P20–P21)	6	2.0	*
3	Newborn affected by maternal complications of pregnancy (P01)	61	9.9	24.3	9	Atelectasis. (P28.0–P28.1)	5	1.7	*
4	Newborn affected by complications of placenta, cord and membranes (P02)	42	6.8	16.7	10	Necrotizing enterocolitis of newborn (P77)	4	1.4	*
5	Bacterial sepsis of newborn (P36)	23	3.7	9.2	...	All other causes (residual)	58	19.8	47.7
6	Respiratory distress of newborn. (P22)	19	3.1	*					
7	Neonatal hemorrhage (P50–P52,P54)	18	2.9	*					
8	Necrotizing enterocolitis of newborn (P77)	12	1.9	*					
9	Intrauterine hypoxia and birth asphyxia (P20–P21)	10	1.6	*					
9	Atelectasis. (P28.0–P28.1)	10	1.6	*					
...	All other causes (residual)	132	21.3	52.6					

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Rank ¹	Cause of death (based on ICD–10, 2004), age, race, and sex	Number	Percent of total deaths	Mortality rate	Rank ¹	Cause of death (based on ICD–10, 2004), age, race, and sex	Number	Percent of total deaths	Mortality rate
Postneonates, all races, both sexes					Postneonates, white, both sexes				
...	All causes	9,157	100.0	221.7	...	All causes	5,763	100.0	181.6
1	Sudden infant death syndrome (R95)	2,030	22.2	49.1	1	Sudden infant death syndrome (R95)	1,309	22.7	41.3
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1,574	17.2	38.1	2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1,105	19.2	34.8
3	Accidents (unintentional injuries) (V01–X59)	1,056	11.5	25.6	3	Accidents (unintentional injuries) (V01–X59)	650	11.3	20.5
4	Diseases of the circulatory system (I00–I99)	460	5.0	11.1	4	Diseases of the circulatory system (I00–I99)	294	5.1	9.3
5	Diarrhea and gastroenteritis of infectious origin (A09) ³	319	3.5	7.7	5	Assault (homicide) (*U01,X85–Y09)	169	2.9	5.3
6	Assault (homicide) (*U01,X85–Y09)	293	3.2	7.1	6	Diarrhea and gastroenteritis of infectious origin (A09) ³	164	2.8	5.2
7	Influenza and pneumonia (J09–J18) ²	247	2.7	6.0	7	Influenza and pneumonia (J09–J18) ²	147	2.6	4.6
8	Septicemia (A40–A41)	217	2.4	5.3	8	Septicemia (A40–A41)	122	2.1	3.8
9	Chronic respiratory disease originating in the perinatal period (P27)	160	1.7	3.9	9	Chronic respiratory disease originating in the perinatal period (P27)	73	1.3	2.3
10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	107	1.2	2.6	10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	46	0.8	1.4
...	All other causes (residual)	2,694	29.4	65.2	...	All other causes (residual)	1,684	29.2	53.1
Postneonates, all races, male					Postneonates, white, male				
...	All causes	5,245	100.0	248.1	...	All causes	3,309	100.0	203.6
1	Sudden infant death syndrome (R95)	1,199	22.9	56.7	1	Sudden infant death syndrome (R95)	778	23.5	47.9
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	773	14.7	36.6	2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	553	16.7	34.0
3	Accidents (unintentional injuries) (V01–X59)	644	12.3	30.5	3	Accidents (unintentional injuries) (V01–X59)	403	12.2	24.8
4	Diseases of the circulatory system (I00–I99)	250	4.8	11.8	4	Diseases of the circulatory system (I00–I99)	154	4.7	9.5
5	Diarrhea and gastroenteritis of infectious origin (A09) ³	194	3.7	9.2	5	Assault (homicide) (*U01,X85–Y09)	103	3.1	6.3
6	Assault (homicide) (*U01,X85–Y09)	174	3.3	8.2	6	Diarrhea and gastroenteritis of infectious origin (A09) ³	98	3.0	6.0
7	Influenza and pneumonia (J09–J18) ²	148	2.8	7.0	7	Influenza and pneumonia (J09–J18) ²	94	2.8	5.8
8	Septicemia (A40–A41)	118	2.2	5.6	8	Septicemia (A40–A41)	68	2.1	4.2
9	Chronic respiratory disease originating in the perinatal period (P27)	100	1.9	4.7	9	Chronic respiratory disease originating in the perinatal period (P27)	47	1.4	2.9
10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	58	1.1	2.7	10	Malignant neoplasms (C00–C97)	28	0.8	1.7
...	All other causes (residual)	1,587	30.3	75.1	...	All other causes (residual)	983	29.7	60.5
Postneonates, all races, female					Postneonates, white, female				
...	All causes	3,912	100.0	194.0	...	All causes	2,454	100.0	158.5
1	Sudden infant death syndrome (R95)	831	21.2	41.2	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	552	22.5	35.7
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	801	20.5	39.7	2	Sudden infant death syndrome (R95)	531	21.6	34.3
3	Accidents (unintentional injuries) (V01–X59)	412	10.5	20.4	3	Accidents (unintentional injuries) (V01–X59)	247	10.1	16.0
4	Diseases of the circulatory system (I00–I99)	210	5.4	10.4	4	Diseases of the circulatory system (I00–I99)	140	5.7	9.0
5	Diarrhea and gastroenteritis of infectious origin (A09) ³	125	3.2	6.2	5	Diarrhea and gastroenteritis of infectious origin (A09) ³	66	2.7	4.3
6	Assault (homicide) (*U01,X85–Y09)	119	3.0	5.9	5	Assault (homicide) (*U01,X85–Y09)	66	2.7	4.3
7	Septicemia (A40–A41)	99	2.5	4.9	7	Septicemia (A40–A41)	54	2.2	3.5
7	Influenza and pneumonia (J09–J18) ²	99	2.5	4.9	8	Influenza and pneumonia (J09–J18) ²	53	2.2	3.4
9	Chronic respiratory disease originating in the perinatal period (P27)	60	1.5	3.0	9	Chronic respiratory disease originating in the perinatal period (P27)	26	1.1	1.7
10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	49	1.3	2.4	10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	19	0.8	*
...	All other causes (residual)	1,107	28.3	54.9	...	All other causes (residual)	700	28.5	45.2

See footnotes at end of table.

Table 3. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD–10, 2004), age, race, and sex	Number	Percent of total deaths	Mortality rate	Rank ¹	Cause of death (based on ICD–10, 2004), age, race, and sex	Number	Percent of total deaths	Mortality rate
Postneonates, black, both sexes					Postneonates, American Indian or Alaska Native, both sexes				
...	All causes	2,938	100.0	446.8	...	All causes	177	100.0	363.7
1	Sudden infant death syndrome (R95)	630	21.4	95.8	...	Sudden infant death syndrome (R95)	49	27.7	100.7
2	Accidents (unintentional injuries) . . . (V01–X59)	367	12.5	55.8	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	40	22.6	82.2
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	362	12.3	55.0	2	Accidents (unintentional injuries) . . . (V01–X59)	18	10.2	*
4	Diseases of the circulatory system . . . (I00–I99)	147	5.0	22.4	3	Influenza and pneumonia (J09–J18) ²	8	4.5	*
5	Diarrhea and gastroenteritis of infectious origin (A09) ³	139	4.7	21.1	4	Assault (homicide) (*U01,X85–Y09)	5	2.8	*
6	Assault (homicide) (*U01,X85–Y09)	110	3.7	16.7	5	Diseases of the circulatory system . . . (I00–I99)	4	2.3	*
7	Septicemia (A40–A41)	90	3.1	13.7	6	Diarrhea and gastroenteritis of infectious origin (A09) ³	3	1.7	*
8	Chronic respiratory disease originating in the perinatal period (P27)	81	2.8	12.3	7	Meningitis (G00,G03)	2	1.1	*
9	Influenza and pneumonia (J09–J18) ²	80	2.7	12.2	8	Septicemia (A40–A41)	1	0.6	*
10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	55	1.9	8.4	9	Malignant neoplasms (C00–C97)	1	0.6	*
...	All other causes (residual)	877	29.9	133.4	9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	1	0.6	*
Postneonates, black, male					9	Bronchitis, chronic and unspecified . . (J40–J42)	1	0.6	*
...	All causes	1,687	100.0	504.9	9	Gastritis, duodenitis, and noninfective enteritis and colitis (K29,K50–K55)	1	0.6	*
1	Sudden infant death syndrome (R95)	368	21.8	110.1	9	Hernia of abdominal cavity and intestinal obstruction without hernia . . . (K40–K46,K56)	1	0.6	*
2	Accidents (unintentional injuries) . . . (V01–X59)	215	12.7	64.3	9	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	1	0.6	*
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	167	9.9	50.0	9	Neonatal aspiration syndromes (P24)	1	0.6	*
4	Diarrhea and gastroenteritis of infectious origin (A09) ³	86	5.1	25.7	9	Chronic respiratory disease originating in the perinatal period (P27)	1	0.6	*
4	Diseases of the circulatory system . . . (I00–I99)	86	5.1	25.7	9	Bacterial sepsis of newborn (P36)	1	0.6	*
6	Assault (homicide) (*U01,X85–Y09)	63	3.7	18.9	9	Necrotizing enterocolitis of newborn . . . (P77)	1	0.6	*
7	Chronic respiratory disease originating in the perinatal period (P27)	49	2.9	14.7	9	Complications of medical and surgical care (Y40–Y84)	1	0.6	*
8	Septicemia (A40–A41)	48	2.8	14.4	...	All other causes (residual)	36	20.3	74.0
9	Influenza and pneumonia (J09–J18) ²	45	2.7	13.5	Postneonates, American Indian or Alaska Native, male				
10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	27	1.6	8.1	...	All causes	91	100.0	367.6
...	All other causes (residual)	533	31.6	159.5	1	Sudden infant death syndrome (R95)	26	28.6	105.0
Postneonates, black, female					2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	17	18.7	*
...	All causes	1,251	100.0	386.7	3	Accidents (unintentional injuries) . . . (V01–X59)	11	12.1	*
1	Sudden infant death syndrome (R95)	262	20.9	81.0	4	Influenza and pneumonia (J09–J18) ²	4	4.4	*
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	195	15.6	60.3	5	Diarrhea and gastroenteritis of infectious origin (A09) ³	3	3.3	*
3	Accidents (unintentional injuries) . . . (V01–X59)	152	12.2	47.0	6	Assault (homicide) (*U01,X85–Y09)	2	2.2	*
4	Diseases of the circulatory system . . . (I00–I99)	61	4.9	18.9	7	Meningitis (G00,G03)	1	1.1	*
5	Diarrhea and gastroenteritis of infectious origin (A09) ³	53	4.2	16.4	7	Diseases of the circulatory system . . . (I00–I99)	1	1.1	*
6	Assault (homicide) (*U01,X85–Y09)	47	3.8	14.5	7	Bronchitis, chronic and unspecified . . (J40–J42)	1	1.1	*
7	Septicemia (A40–A41)	42	3.4	13.0	7	Gastritis, duodenitis, and noninfective enteritis and colitis (K29,K50–K55)	1	1.1	*
8	Influenza and pneumonia (J09–J18) ²	35	2.8	10.8	7	Hernia of abdominal cavity and intestinal obstruction without hernia . . . (K40–K46,K56)	1	1.1	*
9	Chronic respiratory disease originating in the perinatal period (P27)	32	2.6	9.9	7	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	1	1.1	*
10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	28	2.2	8.7	7	Chronic respiratory disease originating in the perinatal period (P27)	1	1.1	*
...	All other causes (residual)	344	27.5	106.3	7	Complications of medical and surgical care (Y40–Y84)	1	1.1	*
					...	All other causes (residual)	20	22.0	80.8

See footnotes at end of table.

Table 3. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by race and sex: United States, 2009—Con.

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

Rank ¹	Cause of death (based on ICD–10, 2004), age, race, and sex	Number	Percent of total deaths	Mortality rate	Rank ¹	Cause of death (based on ICD–10, 2004), age, race, and sex	Number	Percent of total deaths	Mortality rate
Postneonates, American Indian or Alaska Native, female					Postneonates, Asian or Pacific Islander, male				
...	All causes	86	100.0	359.6	...	All causes	158	100.0	122.0
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	23	26.7	96.2	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	36	22.8	27.8
1	Sudden infant death syndrome (R95)	23	26.7	96.2	2	Sudden infant death syndrome (R95)	27	17.1	20.8
3	Accidents (unintentional injuries) (V01–X59)	7	8.1	*	3	Accidents (unintentional injuries) (V01–X59)	15	9.5	*
4	Influenza and pneumonia (J09–J18) ²	4	4.7	*	4	Diseases of the circulatory system (I00–I99)	9	5.7	*
5	Diseases of the circulatory system (I00–I99)	3	3.5	*	5	Diarrhea and gastroenteritis of infectious origin (A09) ³	7	4.4	*
5	Assault (homicide) (*U01,X85–Y09)	3	3.5	*	6	Assault (homicide) (*U01,X85–Y09)	6	3.8	*
7	Septicemia (A40–A41)	1	1.2	*	7	Influenza and pneumonia (J09–J18) ²	5	3.2	*
7	Malignant neoplasms (C00–C97)	1	1.2	*	8	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	3	1.9	*
7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	1	1.2	*	8	Chronic respiratory disease originating in the perinatal period (P27)	3	1.9	*
7	Meningitis (G00,G03)	1	1.2	*	10	Septicemia (A40–A41)	2	1.3	*
7	Neonatal aspiration syndromes (P24)	1	1.2	*	10	Volume depletion, disorders of fluid, electrolyte and acid-base balance (E86–E87)	2	1.3	*
7	Bacterial sepsis of newborn (P36)	1	1.2	*	10	Meningitis (G00,G03)	2	1.3	*
7	Necrotizing enterocolitis of newborn (P77)	1	1.2	*	10	Neonatal hemorrhage (P50–P52,P54)	2	1.3	*
...	All other causes (residual)	16	18.6	*	...	All other causes (residual)	39	24.7	30.1
Postneonates, Asian or Pacific Islander, both sexes					Postneonates, Asian or Pacific Islander, female				
...	All causes	279	100.0	111.1	...	All causes	121	100.0	99.5
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	67	24.0	26.7	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	31	25.6	25.5
2	Sudden infant death syndrome (R95)	42	15.1	16.7	2	Sudden infant death syndrome (R95)	15	12.4	*
3	Accidents (unintentional injuries) (V01–X59)	21	7.5	8.4	3	Influenza and pneumonia (J09–J18) ²	7	5.8	*
4	Diseases of the circulatory system (I00–I99)	15	5.4	*	4	Diarrhea and gastroenteritis of infectious origin (A09) ³	6	5.0	*
5	Diarrhea and gastroenteritis of infectious origin (A09) ³	13	4.7	*	4	Diseases of the circulatory system (I00–I99)	6	5.0	*
6	Influenza and pneumonia (J09–J18) ²	12	4.3	*	4	Accidents (unintentional injuries) (V01–X59)	6	5.0	*
7	Assault (homicide) (*U01,X85–Y09)	9	3.2	*	7	Assault (homicide) (*U01,X85–Y09)	3	2.5	*
8	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	5	1.8	*	8	Septicemia (A40–A41)	2	1.7	*
8	Chronic respiratory disease originating in the perinatal period (P27)	5	1.8	*	8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	2	1.7	*
10	Septicemia (A40–A41)	4	1.4	*	8	Volume depletion, disorders of fluid, electrolyte and acid-base balance (E86–E87)	2	1.7	*
10	Volume depletion, disorders of fluid, electrolyte and acid-base balance (E86–E87)	4	1.4	*	8	Meningitis (G00,G03)	2	1.7	*
10	Meningitis (G00,G03)	4	1.4	*	8	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	2	1.7	*
...	All other causes (residual)	78	28.0	31.1	8	Chronic respiratory disease originating in the perinatal period (P27)	2	1.7	*
					8	Necrotizing enterocolitis of newborn (P77)	2	1.7	*
					...	All other causes (residual)	33	27.3	27.1

... Category not applicable.

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

¹Based on number of deaths; see Technical Notes.

²The title of ICD–10 code J09 was amended in 2009 to reflect the inclusion of Influenza A/H1N1 pandemic 2009 (swine flu). The new J09 title is Influenza due to certain identified influenza virus; see Technical Notes.

³ICD–10 code A09 (Diarrhea and gastroenteritis of infectious origin) was expanded in 2009; see Technical Notes.

SOURCE: CDC/NCHS, National Vital Statistics System, Mortality.

Table 4. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009

[Rates are for infant (under age 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. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision (ICD–10)*, Second Edition; see Technical Notes]

Rank ¹	Cause of death (based on ICD–10, 2004), age, Hispanic origin, race, and sex	Number	Percent of total deaths	Mortality rate	Rank ¹	Cause of death (based on ICD–10, 2004), age, Hispanic origin, race, and sex	Number	Percent of total deaths	Mortality rate
Infants, Hispanic, both sexes					Infants, non-Hispanic white, both sexes				
...	All causes	5,424	100.0	542.6	...	All causes	11,608	100.0	524.6
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1,348	24.9	134.9	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	2,621	22.6	118.5
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	859	15.8	85.9	2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	1,660	14.3	75.0
3	Sudden infant death syndrome (R95)	326	6.0	32.6	3	Sudden infant death syndrome (R95)	1,121	9.7	50.7
4	Newborn affected by maternal complications of pregnancy (P01)	322	5.9	32.2	4	Newborn affected by maternal complications of pregnancy (P01)	664	5.7	30.0
5	Newborn affected by complications of placenta, cord and membranes (P02)	216	4.0	21.6	5	Accidents (unintentional injuries) . . . (V01–X59)	562	4.8	25.4
6	Accidents (unintentional injuries) . . . (V01–X59)	187	3.4	18.7	6	Newborn affected by complications of placenta, cord and membranes (P02)	482	4.2	21.8
7	Diseases of the circulatory system . . . (I00–I99)	142	2.6	14.2	7	Bacterial sepsis of newborn (P36)	265	2.3	12.0
8	Bacterial sepsis of newborn (P36)	119	2.2	11.9	8	Diseases of the circulatory system . . . (I00–I99)	251	2.2	11.3
9	Respiratory distress of newborn (P22)	117	2.2	11.7	9	Respiratory distress of newborn (P22)	250	2.2	11.3
10	Neonatal hemorrhage (P50–P52,P54)	104	1.9	10.4	10	Neonatal hemorrhage (P50–P52,P54)	249	2.1	11.3
...	All other causes (residual)	1,684	31.0	168.5	...	All other causes (residual)	3,483	30.0	157.4
Infants, Hispanic, male					Infants, non-Hispanic white, male				
...	All causes	2,989	100.0	585.5	...	All causes	6,530	100.0	575.5
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	702	23.5	137.5	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1,373	21.0	121.0
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	485	16.2	95.0	2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	924	14.2	81.4
3	Sudden infant death syndrome (R95)	183	6.1	35.8	3	Sudden infant death syndrome (R95)	675	10.3	59.5
4	Newborn affected by maternal complications of pregnancy (P01)	158	5.3	31.0	4	Newborn affected by maternal complications of pregnancy (P01)	376	5.8	33.1
5	Newborn affected by complications of placenta, cord and membranes (P02)	125	4.2	24.5	5	Accidents (unintentional injuries) . . . (V01–X59)	334	5.1	29.4
6	Accidents (unintentional injuries) . . . (V01–X59)	112	3.7	21.9	6	Newborn affected by complications of placenta, cord and membranes (P02)	251	3.8	22.1
7	Respiratory distress of newborn (P22)	77	2.6	15.1	7	Neonatal hemorrhage (P50–P52,P54)	157	2.4	13.8
8	Bacterial sepsis of newborn (P36)	68	2.3	13.3	8	Bacterial sepsis of newborn (P36)	149	2.3	13.1
9	Diseases of the circulatory system . . . (I00–I99)	67	2.2	13.1	9	Respiratory distress of newborn (P22)	145	2.2	12.8
10	Necrotizing enterocolitis of newborn (P77)	63	2.1	12.3	10	Diseases of the circulatory system . . . (I00–I99)	142	2.2	12.5
...	All other causes (residual)	949	31.7	185.9	...	All other causes (residual)	2,004	30.7	176.6
Infants, Hispanic, female					Infants, non-Hispanic white, female				
...	All causes	2,435	100.0	497.9	...	All causes	5,078	100.0	471.1
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	646	26.5	132.1	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1,248	24.6	115.8
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	374	15.4	76.5	2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	736	14.5	68.3
3	Newborn affected by maternal complications of pregnancy (P01)	164	6.7	33.5	3	Sudden infant death syndrome (R95)	446	8.8	41.4
4	Sudden infant death syndrome (R95)	143	5.9	29.2	4	Newborn affected by maternal complications of pregnancy (P01)	288	5.7	26.7
5	Newborn affected by complications of placenta, cord and membranes (P02)	91	3.7	18.6	5	Newborn affected by complications of placenta, cord and membranes (P02)	231	4.5	21.4
6	Diseases of the circulatory system . . . (I00–I99)	75	3.1	15.3	6	Accidents (unintentional injuries) . . . (V01–X59)	228	4.5	21.2
6	Accidents (unintentional injuries) . . . (V01–X59)	75	3.1	15.3	7	Bacterial sepsis of newborn (P36)	116	2.3	10.8
8	Bacterial sepsis of newborn (P36)	51	2.1	10.4	8	Diseases of the circulatory system . . . (I00–I99)	109	2.1	10.1
9	Neonatal hemorrhage (P50–P52,P54)	44	1.8	9.0	9	Respiratory distress of newborn (P22)	105	2.1	9.7
10	Respiratory distress of newborn (P22)	40	1.6	8.2	10	Neonatal hemorrhage (P50–P52,P54)	92	1.8	8.5
10	Necrotizing enterocolitis of newborn (P77)	40	1.6	8.2	...	All other causes (residual)	1,479	29.1	137.2
...	All other causes (residual)	692	28.4	141.5					

See footnotes at end of table.

Table 4. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

[Rates are for infant (under age 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. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision (ICD–10)*, Second Edition; see Technical Notes]

Rank ¹	Cause of death (based on ICD–10, 2004), age, Hispanic origin, race, and sex	Number	Percent of total deaths	Mortality rate	Rank ¹	Cause of death (based on ICD–10, 2004), age, Hispanic origin, race, and sex	Number	Percent of total deaths	Mortality rate
Infants, non-Hispanic black, both sexes					Neonates, Hispanic, both sexes				
...	All causes	7,967	100.0	1,307.0	...	All causes	3,629	100.0	363.1
1	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	1,781	22.4	292.2	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	931	25.7	93.1
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1,028	12.9	168.6	2	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	842	23.2	84.2
3	Sudden infant death syndrome (R95)	665	8.3	109.1	3	Newborn affected by maternal complications of pregnancy (P01)	322	8.9	32.2
4	Newborn affected by maternal complications of pregnancy (P01)	531	6.7	87.1	4	Newborn affected by complications of placenta, cord and membranes (P02)	214	5.9	21.4
5	Accidents (unintentional injuries) . . . (V01–X59)	387	4.9	63.5	5	Respiratory distress of newborn. (P22)	115	3.2	11.5
6	Newborn affected by complications of placenta, cord and membranes (P02)	308	3.9	50.5	5	Bacterial sepsis of newborn (P36)	115	3.2	11.5
7	Bacterial sepsis of newborn (P36)	233	2.9	38.2	7	Neonatal hemorrhage (P50–P52,P54)	102	2.8	10.2
8	Respiratory distress of newborn. (P22)	204	2.6	33.5	8	Necrotizing enterocolitis of newborn (P77)	87	2.4	8.7
9	Necrotizing enterocolitis of newborn (P77)	167	2.1	27.4	9	Intrauterine hypoxia and birth asphyxia. (P20–P21)	67	1.8	6.7
10	Diseases of the circulatory system . . . (I00–I99)	165	2.1	27.1	9	Atelectasis. (P28.0–P28.1)	67	1.8	6.7
...	All other causes (residual)	2,498	31.4	409.8	...	All other causes (residual)	767	21.1	76.7
Infants, non-Hispanic black, male					Neonates, Hispanic, male				
...	All causes	4,522	100.0	1,459.9	...	All causes	1,988	100.0	389.4
1	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	1,005	22.2	324.5	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	487	24.5	95.4
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	530	11.7	171.1	2	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	478	24.0	93.6
3	Sudden infant death syndrome (R95)	381	8.4	123.0	3	Newborn affected by maternal complications of pregnancy (P01)	158	7.9	31.0
4	Newborn affected by maternal complications of pregnancy (P01)	324	7.2	104.6	4	Newborn affected by complications of placenta, cord and membranes (P02)	123	6.2	24.1
5	Accidents (unintentional injuries) . . . (V01–X59)	223	4.9	72.0	5	Respiratory distress of newborn. (P22)	75	3.8	14.7
6	Newborn affected by complications of placenta, cord and membranes (P02)	162	3.6	52.3	6	Bacterial sepsis of newborn (P36)	66	3.3	12.9
7	Bacterial sepsis of newborn (P36)	134	3.0	43.3	7	Neonatal hemorrhage (P50–P52,P54)	58	2.9	11.4
8	Respiratory distress of newborn. (P22)	115	2.5	37.1	8	Necrotizing enterocolitis of newborn (P77)	57	2.9	11.2
9	Diseases of the circulatory system . . . (I00–I99)	103	2.3	33.3	9	Atelectasis. (P28.0–P28.1)	43	2.2	8.4
10	Necrotizing enterocolitis of newborn (P77)	93	2.1	30.0	10	Intrauterine hypoxia and birth asphyxia. (P20–P21)	41	2.1	8.0
...	All other causes (residual)	1,452	32.1	468.8	...	All other causes (residual)	402	20.2	78.7
Infants, non-Hispanic black, female					Neonates, Hispanic, female				
...	All causes	3,445	100.0	1,149.0	...	All causes	1,641	100.0	335.5
1	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	776	22.5	258.8	1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	444	27.1	90.8
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	498	14.5	166.1	2	Disorders related to short gestation and low birth weight, not elsewhere classified. (P07)	364	22.2	74.4
3	Sudden infant death syndrome (R95)	284	8.2	94.7	3	Newborn affected by maternal complications of pregnancy (P01)	164	10.0	33.5
4	Newborn affected by maternal complications of pregnancy (P01)	207	6.0	69.0	4	Newborn affected by complications of placenta, cord and membranes (P02)	91	5.5	18.6
5	Accidents (unintentional injuries) . . . (V01–X59)	164	4.8	54.7	5	Bacterial sepsis of newborn (P36)	49	3.0	10.0
6	Newborn affected by complications of placenta, cord and membranes (P02)	146	4.2	48.7	6	Neonatal hemorrhage (P50–P52,P54)	44	2.7	9.0
7	Bacterial sepsis of newborn (P36)	99	2.9	33.0	7	Respiratory distress of newborn. (P22)	40	2.4	8.2
8	Respiratory distress of newborn. (P22)	89	2.6	29.7	8	Necrotizing enterocolitis of newborn (P77)	30	1.8	6.1
9	Necrotizing enterocolitis of newborn (P77)	74	2.1	24.7	8	Hydrops fetalis not due to hemolytic disease (P83.2)	30	1.8	6.1
10	Diseases of the circulatory system . . . (I00–I99)	62	1.8	20.7	10	Intrauterine hypoxia and birth asphyxia. (P20–P21)	26	1.6	5.3
...	All other causes (residual)	1,046	30.4	348.9	...	All other causes (residual)	359	21.9	73.4

See footnotes at end of table.

Table 4. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

[Rates are for infant (under age 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. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision (ICD–10)*, Second Edition; see Technical Notes]

Rank ¹	Cause of death (based on ICD–10, 2004), age, Hispanic origin, race, and sex	Number	Percent of total deaths	Mortality rate	Rank ¹	Cause of death (based on ICD–10, 2004), age, Hispanic origin, race, and sex	Number	Percent of total deaths	Mortality rate
Neonates, non-Hispanic white, both sexes					Neonates, non-Hispanic black, both sexes				
...	All causes	7,562	100.0	341.8	...	All causes	5,131	100.0	841.7
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1,920	25.4	86.8	1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	1,727	33.7	283.3
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	1,630	21.6	73.7	2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	676	13.2	110.9
3	Newborn affected by maternal complications of pregnancy (P01)	658	8.7	29.7	3	Newborn affected by maternal complications of pregnancy (P01)	528	10.3	86.6
4	Newborn affected by complications of placenta, cord and membranes (P02)	479	6.3	21.6	4	Newborn affected by complications of placenta, cord and membranes (P02)	305	5.9	50.0
5	Bacterial sepsis of newborn (P36)	256	3.4	11.6	5	Bacterial sepsis of newborn (P36)	219	4.3	35.9
6	Neonatal hemorrhage (P50–P52,P54)	246	3.3	11.1	6	Respiratory distress of newborn (P22)	203	4.0	33.3
7	Respiratory distress of newborn (P22)	245	3.2	11.1	7	Necrotizing enterocolitis of newborn (P77)	144	2.8	23.6
8	Necrotizing enterocolitis of newborn (P77)	170	2.2	7.7	8	Neonatal hemorrhage (P50–P52,P54)	134	2.6	22.0
9	Intrauterine hypoxia and birth asphyxia (P20–P21)	145	1.9	6.6	9	Intrauterine hypoxia and birth asphyxia (P20–P21)	73	1.4	12.0
10	Atelectasis (P28.0–P28.1)	112	1.5	5.1	10	Atelectasis (P28.0–P28.1)	71	1.4	11.6
...	All other causes (residual)	1,701	22.5	76.9	...	All other causes (residual)	1,051	20.5	172.4
Neonates, non-Hispanic white, male					Neonates, non-Hispanic black, male				
...	All causes	4,180	100.0	368.4	...	All causes	2,893	100.0	934.0
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1,028	24.6	90.6	1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	978	33.8	315.7
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	904	21.6	79.7	2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	366	12.7	118.2
3	Newborn affected by maternal complications of pregnancy (P01)	371	8.9	32.7	3	Newborn affected by maternal complications of pregnancy (P01)	322	11.1	104.0
4	Newborn affected by complications of placenta, cord and membranes (P02)	249	6.0	21.9	4	Newborn affected by complications of placenta, cord and membranes (P02)	160	5.5	51.7
5	Neonatal hemorrhage (P50–P52,P54)	156	3.7	13.7	5	Bacterial sepsis of newborn (P36)	126	4.4	40.7
6	Bacterial sepsis of newborn (P36)	145	3.5	12.8	6	Respiratory distress of newborn (P22)	115	4.0	37.1
7	Respiratory distress of newborn (P22)	143	3.4	12.6	7	Neonatal hemorrhage (P50–P52,P54)	82	2.8	26.5
8	Necrotizing enterocolitis of newborn (P77)	93	2.2	8.2	8	Necrotizing enterocolitis of newborn (P77)	78	2.7	25.2
9	Intrauterine hypoxia and birth asphyxia (P20–P21)	80	1.9	7.1	9	Pulmonary hemorrhage originating in the perinatal period (P26)	42	1.5	13.6
10	Atelectasis (P28.0–P28.1)	62	1.5	5.5	10	Atelectasis (P28.0–P28.1)	35	1.2	11.3
...	All other causes (residual)	949	22.7	83.6	...	All other causes (residual)	589	20.4	190.2
Neonates, non-Hispanic white, female					Neonates, non-Hispanic black, female				
...	All causes	3,382	100.0	313.8	...	All causes	2,238	100.0	746.4
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	892	26.4	82.8	1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	749	33.5	249.8
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	726	21.5	67.4	2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	310	13.9	103.4
3	Newborn affected by maternal complications of pregnancy (P01)	287	8.5	26.6	3	Newborn affected by maternal complications of pregnancy (P01)	206	9.2	68.7
4	Newborn affected by complications of placenta, cord and membranes (P02)	230	6.8	21.3	4	Newborn affected by complications of placenta, cord and membranes (P02)	145	6.5	48.4
5	Bacterial sepsis of newborn (P36)	111	3.3	10.3	5	Bacterial sepsis of newborn (P36)	93	4.2	31.0
6	Respiratory distress of newborn (P22)	102	3.0	9.5	6	Respiratory distress of newborn (P22)	88	3.9	29.3
7	Neonatal hemorrhage (P50–P52,P54)	90	2.7	8.3	7	Necrotizing enterocolitis of newborn (P77)	66	2.9	22.0
8	Necrotizing enterocolitis of newborn (P77)	77	2.3	7.1	8	Neonatal hemorrhage (P50–P52,P54)	52	2.3	17.3
9	Intrauterine hypoxia and birth asphyxia (P20–P21)	65	1.9	6.0	9	Intrauterine hypoxia and birth asphyxia (P20–P21)	40	1.8	13.3
10	Atelectasis (P28.0–P28.1)	50	1.5	4.6	10	Atelectasis (P28.0–P28.1)	36	1.6	12.0
...	All other causes (residual)	752	22.2	69.8	...	All other causes (residual)	453	20.2	151.1

See footnotes at end of table.

Table 4. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

[Rates are for infant (under age 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. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision (ICD–10)*, Second Edition; see Technical Notes]

Rank ¹	Cause of death (based on ICD–10, 2004), age, Hispanic origin, race, and sex	Number	Percent of total deaths	Mortality rate	Rank ¹	Cause of death (based on ICD–10, 2004), age, Hispanic origin, race, and sex	Number	Percent of total deaths	Mortality rate
Postneonates, Hispanic, both sexes					Postneonates, non-Hispanic white, both sexes				
...	All causes	1,795	100.0	179.6	...	All causes	4,046	100.0	182.9
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	417	23.2	41.7	1	Sudden infant death syndrome (R95)	1,016	25.1	45.9
2	Sudden infant death syndrome (R95)	303	16.9	30.3	2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	701	17.3	31.7
3	Accidents (unintentional injuries) (V01–X59)	166	9.2	16.6	3	Accidents (unintentional injuries) (V01–X59)	495	12.2	22.4
4	Diseases of the circulatory system (I00–I99)	115	6.4	11.5	4	Diseases of the circulatory system (I00–I99)	194	4.8	8.8
5	Diarrhea and gastroenteritis of infectious origin (A09) ²	68	3.8	6.8	5	Assault (homicide) (*U01,X85–Y09)	112	2.8	5.1
6	Assault (homicide) (*U01,X85–Y09)	57	3.2	5.7	6	Diarrhea and gastroenteritis of infectious origin (A09) ²	99	2.4	4.5
7	Influenza and pneumonia (J09–J18) ³	52	2.9	5.2	7	Influenza and pneumonia (J09–J18) ³	95	2.3	4.3
8	Septicemia (A40–A41)	49	2.7	4.9	8	Septicemia (A40–A41)	78	1.9	3.5
9	Chronic respiratory disease originating in the perinatal period (P27)	24	1.3	2.4	9	Chronic respiratory disease originating in the perinatal period (P27)	51	1.3	2.3
10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	17	0.9	*	10	Malignant neoplasms (C00–C97)	31	0.8	1.4
...	All other causes (residual)	527	29.4	52.7	...	All other causes (residual)	1,174	29.0	53.1
Postneonates, Hispanic, male					Postneonates, non-Hispanic white, male				
...	All causes	1,001	100.0	196.1	...	All causes	2,350	100.0	207.1
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	215	21.5	42.1	1	Sudden infant death syndrome (R95)	617	26.3	54.4
2	Sudden infant death syndrome (R95)	170	17.0	33.3	2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	345	14.7	30.4
3	Accidents (unintentional injuries) (V01–X59)	102	10.2	20.0	3	Accidents (unintentional injuries) (V01–X59)	309	13.1	27.2
4	Diseases of the circulatory system (I00–I99)	50	5.0	9.8	4	Diseases of the circulatory system (I00–I99)	107	4.6	9.4
5	Diarrhea and gastroenteritis of infectious origin (A09) ²	47	4.7	9.2	5	Assault (homicide) (*U01,X85–Y09)	75	3.2	6.6
6	Influenza and pneumonia (J09–J18) ³	36	3.6	7.1	6	Influenza and pneumonia (J09–J18) ³	58	2.5	5.1
7	Assault (homicide) (*U01,X85–Y09)	29	2.9	5.7	7	Diarrhea and gastroenteritis of infectious origin (A09) ²	53	2.3	4.7
8	Septicemia (A40–A41)	27	2.7	5.3	8	Septicemia (A40–A41)	43	1.8	3.8
9	Chronic respiratory disease originating in the perinatal period (P27)	16	1.6	*	9	Chronic respiratory disease originating in the perinatal period (P27)	33	1.4	2.9
10	Renal failure and other disorders of kidney (N17–N19,N25,N27)	8	0.8	*	10	Malignant neoplasms (C00–C97)	21	0.9	1.9
...	All other causes (residual)	301	30.1	59.0	...	All other causes (residual)	689	29.3	60.7
Postneonates, Hispanic, female					Postneonates, non-Hispanic white, female				
...	All causes	794	100.0	162.3	...	All causes	1,696	100.0	157.3
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	202	25.4	41.3	1	Sudden infant death syndrome (R95)	399	23.5	37.0
2	Sudden infant death syndrome (R95)	133	16.8	27.2	2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	356	21.0	33.0
3	Diseases of the circulatory system (I00–I99)	65	8.2	13.3	3	Accidents (unintentional injuries) (V01–X59)	186	11.0	17.3
4	Accidents (unintentional injuries) (V01–X59)	64	8.1	13.1	4	Diseases of the circulatory system (I00–I99)	87	5.1	8.1
5	Assault (homicide) (*U01,X85–Y09)	28	3.5	5.7	5	Diarrhea and gastroenteritis of infectious origin (A09) ²	46	2.7	4.3
6	Septicemia (A40–A41)	22	2.8	4.5	6	Influenza and pneumonia (J09–J18) ³	37	2.2	3.4
7	Diarrhea and gastroenteritis of infectious origin (A09) ²	21	2.6	4.3	6	Assault (homicide) (*U01,X85–Y09)	37	2.2	3.4
8	Influenza and pneumonia (J09–J18) ³	16	2.0	*	8	Septicemia (A40–A41)	35	2.1	3.2
9	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	10	1.3	*	9	Chronic respiratory disease originating in the perinatal period (P27)	18	1.1	*
9	Necrotizing enterocolitis of newborn (P77)	10	1.3	*	10	Malignant neoplasms (C00–C97)	10	0.6	*
...	All other causes (residual)	223	28.1	45.6	10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	10	0.6	*
...					10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	10	0.6	*
...					...	All other causes (residual)	465	27.4	43.1

See footnotes at end of table.

Table 4. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rates for the 10 leading causes of infant death, by Hispanic origin, race for the non-Hispanic population, and sex: United States, 2009—Con.

[Rates are for infant (under age 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. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, Tenth Revision (ICD–10)*, Second Edition; see Technical Notes]

Rank ¹	Cause of death (based on ICD–10, 2004), age, Hispanic origin, race, and sex	Number	Percent of total deaths	Mortality rate	Rank ¹	Cause of death (based on ICD–10, 2004), age, Hispanic origin, race, and sex	Number	Percent of total deaths	Mortality rate
Postneonates, non-Hispanic black, both sexes					Postneonates, non-Hispanic black, female				
...	All causes	2,836	100.0	465.2	...	All causes	1,207	100.0	402.6
1	Sudden infant death syndrome (R95)	606	21.4	99.4	1	Sudden infant death syndrome (R95)	255	21.1	85.0
2	Accidents (unintentional injuries) . . . (V01–X59)	353	12.4	57.9	2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	188	15.6	62.7
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	352	12.4	57.7	3	Accidents (unintentional injuries) . . . (V01–X59)	147	12.2	49.0
4	Diarrhea and gastroenteritis of infectious origin (A09) ²	137	4.8	22.5	4	Diseases of the circulatory system . . . (I00–I99)	54	4.5	18.0
5	Diseases of the circulatory system . . . (I00–I99)	135	4.8	22.1	5	Diarrhea and gastroenteritis of infectious origin (A09) ²	53	4.4	17.7
6	Assault (homicide) (*U01,X85–Y09)	105	3.7	17.2	6	Assault (homicide) (*U01,X85–Y09)	45	3.7	15.0
7	Septicemia (A40–A41)	85	3.0	13.9	7	Septicemia (A40–A41)	39	3.2	13.0
8	Influenza and pneumonia (J09–J18) ³	80	2.8	13.1	8	Influenza and pneumonia (J09–J18) ³	35	2.9	11.7
9	Chronic respiratory disease originating in the perinatal period (P27)	79	2.8	13.0	9	Chronic respiratory disease originating in the perinatal period (P27)	32	2.7	10.7
10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	54	1.9	8.9	10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	27	2.2	9.0
...	All other causes (residual)	850	30.0	139.4	...	All other causes (residual)	332	27.5	110.7
Postneonates, non-Hispanic black, male									
...	All causes	1,629	100.0	525.9					
1	Sudden infant death syndrome (R95)	351	21.5	113.3					
2	Accidents (unintentional injuries) . . . (V01–X59)	206	12.6	66.5					
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	164	10.1	52.9					
4	Diarrhea and gastroenteritis of infectious origin (A09) ²	84	5.2	27.1					
5	Diseases of the circulatory system . . . (I00–I99)	81	5.0	26.2					
6	Assault (homicide) (*U01,X85–Y09)	60	3.7	19.4					
7	Chronic respiratory disease originating in the perinatal period (P27)	47	2.9	15.2					
8	Septicemia (A40–A41)	46	2.8	14.9					
9	Influenza and pneumonia (J09–J18) ³	45	2.8	14.5					
10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	27	1.7	8.7					
...	All other causes (residual)	518	31.8	167.2					

... Category not applicable.

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

¹Based on number of deaths; see Technical Notes.

²ICD–10 code A09 (Diarrhea and gastroenteritis of infectious origin) was expanded in 2009; see Technical Notes.

³The title of ICD–10 code J09 was amended in 2009 to reflect the inclusion of Influenza A/H1N1 pandemic 2009 (swine flu). The new J09 title is Influenza due to certain identified influenza virus; see Technical Notes.

SOURCE: CDC/NCHS, National Vital Statistics System, Mortality.

Technical Notes

Nature and sources of data

Data in this report are based on information from all death certificates filed in the 50 states and the District of Columbia in 2009 and processed by the Centers for Disease Control and Prevention's (CDC) National Center for Health Statistics (NCHS). The U.S. Standard Certificate of Death, which is used as a model by the states, was revised in 2003 (15,16). Prior to this, it had last been revised in 1989 (17,18). This report includes data for the District of Columbia and 30 states that used the 2003 revision in 2009 (Arkansas, California, Connecticut, Delaware, Florida, Georgia, Idaho, Illinois, Indiana, Kansas, Michigan, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Dakota, Ohio, Oklahoma, Oregon, Rhode Island, South Carolina, South Dakota, Texas, Utah, Vermont, Washington, and Wyoming) and the remaining 20 states that continued to use the 1989 revision in 2009. Most of the items presented in this report are largely comparable despite changes to item wording and format in 2003; hence, data from both groups of reporting areas are combined unless otherwise stated.

Mortality statistics are based on information from death certificates coded by the states and provided to NCHS through the Vital Statistics Cooperative Program, and from copies of original death certificates received by NCHS from the state registration offices. In 2009, all of the states (with the exception of Georgia and West Virginia) and the District of Columbia participated in this program and submitted part or all of their mortality data for 2009 in electronic data files to NCHS. All states provided precoded medical (cause-of-death) data to NCHS except Georgia and West Virginia, whose medical data were coded by NCHS from copies of death certificates. All states provide precoded demographic data for deaths; however, Georgia continued to experience problems implementing the 2003 revision of the death certificate in 2009. Consequently, several variables normally included in vital statistics data were omitted from Georgia's 2009 demographic file, such as birthplace of decedent, place of death (type of institution or home), marital status of decedent, and time of death. Additional details are provided in the Technical Notes of "Deaths: Final Data for 2009" (3). These variable omissions did not adversely impact the data for the present leading-cause report.

Cause-of-death classification

The mortality statistics presented here were compiled in accordance with World Health Organization (WHO) regulations, which specify that member nations classify and code causes of death in accordance with the current revision of the *International Statistical Classification of Diseases and Related Health Problems* (ICD). The ICD provides the basic guidance used in virtually all countries to code and classify causes of death. Effective with deaths occurring in 1999, the United States began using the 10th revision of this classification (ICD-10) (4).

The ICD not only details disease classification but also provides definitions, tabulation lists, the format of the death certificate, and the rules for coding cause of death. Cause-of-death data presented in this publication were coded by procedures outlined in annual issues of the *NCHS Instruction Manual* (19-21). The manual includes rules for

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

Prior to 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) (22), multiple-cause codes serve as inputs to 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.

ACME is used to select the underlying cause of death for all death certificates in the United States. In addition, NCHS has developed two computer systems that provide inputs to ACME. Beginning with 1990 data, the Mortality Medical Indexing, Classification, and Retrieval (MICAR) system (23,24) 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 processed automatically by MICAR and ACME. Records that cannot be processed automatically by MICAR or SuperMICAR are multiple-cause coded manually and then further processed through ACME.

In this report, tabulations of cause-of-death statistics are based solely on the underlying cause of death. The underlying cause is defined by WHO as the disease or injury that initiated the train of events leading directly to death, or the circumstances of the accident or violence that produced the fatal injury (4). The underlying cause 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 information is captured in NCHS multiple-cause-of-death statistics (25-27).

Terrorism-related deaths

Starting in 2001, terrorism deaths are classified using a set of codes and guidelines developed by NCHS within the framework of ICD-10 (28,29). The codes developed include *U01-*U02 for terrorism involving an assault (homicide) and *U03 for terrorism involving intentional self-harm (suicide). The asterisk (*) preceding these codes indicates that the code was introduced by the United States but is not officially part of the ICD. Codes from the "U" chapter of ICD-10 were selected because this chapter was reserved specifically for "future additions and changes and for possible interim classifications to solve difficulties arising at the national and international levels between revisions" (4). To maintain international comparability in reporting homicide and suicide rates, deaths coded to *U01-*U02 are included in tabulations of leading causes of death with other homicides (*U01-*U02, X85-Y09, and Y87.1), and deaths

coded to *U03 are included with other suicides (*U03, X60–X84, and Y87.0). No terrorism deaths were represented in 2009 mortality statistics.

Coding and processing changes in 2009

Rules for coding a cause or causes of death may sometimes require modification when evidence suggests that such modifications will improve the quality of cause-of-death data. Prior to 1999, modifications were made only when a new revision of the ICD was implemented. A process for updating the ICD was introduced with ICD–10 that allows for mid-revision changes. These changes, however, may affect comparability of data between years for select causes of death. Minor changes may be implemented every year, whereas major changes may be implemented every 3 years (e.g., data year 2009).

Effective with data year 2009, five new ICD–10 codes were added as valid underlying cause-of-death codes (3,6). These are A09.0, Other and unspecified gastroenteritis and colitis of infectious origin; A09.9, Gastroenteritis and colitis of unspecified origin; K52.3, Indeterminate colitis; R26.3, Immobility; and R63.6, Insufficient intake of food and water due to self-neglect. New codes A09.0 and A09.9 provide greater specificity for code A09, Diarrhea and gastroenteritis of infectious origin; beginning in 2009, the latter is no longer selected as a three-digit underlying cause-of-death code and instead provides a subtotal of A09.0 and A09.9.

Deleted from the list of valid underlying cause-of-death codes in 2009 (3,6) were: A09, Diarrhea and gastroenteritis of infectious origin; F11.0, Mental and behavioral disorders due to use of opioids, acute intoxication; F12.0, Mental and behavioral disorders due to use of cannabinoids, acute intoxication; F13.0, Mental and behavioral disorders due to use of sedatives or hypnotics, acute intoxication; F14.0, Mental and behavioral disorders due to use of cocaine, acute intoxication; F15.0, Mental and behavioral disorders due to use of other stimulants, including caffeine, acute intoxication; F16.0, Mental and behavioral disorders due to use of hallucinogens, acute intoxication; F17.0, Mental and behavioral disorders due to use of tobacco, acute intoxication; F18.0, Mental and behavioral disorders due to use of volatile solvents, acute intoxication; F19.0, Mental and behavioral disorders due to multiple drug use and use of other psychoactive substances, acute intoxication; and K51.1, Ulcerative (chronic) ileocolitis. These F codes were deleted from the list of valid underlying cause-of-death codes because the conditions previously assigned to them are now interpreted as poisoning deaths.

In 2009, the title for ICD–10 code J09 was changed from Influenza due to identified avian influenza virus to Influenza due to certain identified influenza virus (3). The reason for this change was to accommodate deaths from Influenza A/H1N1 pandemic 2009 (swine flu).

The implementation of these 2009 changes in coding rules impacted several causes of death (3):

- Deaths classified to codes A09.0 and A09.9 are included in the subtotal category A09, Diarrhea and gastroenteritis of infectious origin, which is in turn included in the larger category Certain other intestinal infections (A04, A07–A09) of the “List of 113 Selected Causes of Death and Enterocolitis due to *Clostridium difficile*” (113-cause list) for all ages. In 2009, deaths that had previously

been assigned to K52, Other noninfective gastroenteritis and colitis, were instead classified to the expanded A09. Consequently, the number of deaths from Certain other intestinal infections increased from 7,876 in 2008 to 10,251 in 2009. Conversely, the number of deaths from K52 decreased from 2,580 deaths in 2008 to 301 in 2009. K52, which includes new code K52.3, Indeterminate colitis, is part of the larger 113-cause category All other diseases (residual). Because neither the latter nor Certain other intestinal infections is a rankable cause of death, these changes did not impact the leading causes of death in 2009. In the “List of 130 Selected Causes of Infant Death” (130-cause list) for infants, A09, Diarrhea of gastroenteritis of infectious origin, is a separate, rankable cause of death. From 2008 to 2009, the number of infant deaths due to A09 increased from 0 to 331. This caused A09 to become a leading cause of postneonatal deaths in 2009. The number of infant deaths due to K52 decreased from 328 deaths in 2008 to 7 deaths in 2009. In the 130-cause list, K52 (including K52.3) is part of the rankable category Gastritis, duodenitis, and noninfective enteritis and colitis (K29, K50–K55); the latter is no longer ranked as a leading cause of postneonatal deaths in 2009.

- Deaths classified to codes R26.3, Immobility, and R63.6, Insufficient intake of food and water due to self-neglect, are included in nonrankable categories of both the 113-cause and 130-cause lists. Therefore, the addition of these codes had no impact on the leading causes of death or the leading causes of infant death in 2009.
- In 2008, no deaths were classified to deleted ICD–10 codes F11.0, F12.0, F13.0, F14.0, F15.0, F16.0, F17.0, F18.0, and F19.0. Furthermore, F codes are not rankable, so related additions and deletions do not typically impact the leading causes of death.
- In 2009, 1,557 deaths were classified to ICD–10 code J09. The impact on the ranking of Influenza and Pneumonia (J09–J18) in 2009 was negligible.

In addition to changes in coding rules in 2009, a system error occurred that assigned to ICD–10 code K08.8, Other specified disorders of teeth and supporting structures, deaths that should instead have been assigned to lung hemorrhage. In 2009, 107 deaths were assigned to K08.8. Because the number of deaths is relatively small, this error did not significantly impact any cause-of-death category in this report. The error will be corrected for the 2010 data year.

Age

Leading causes of death are presented by age categories in detailed tables. Decedents for whom age was not stated are included in total categories labeled “All ages” but are not distributed across age groups. No age information was missing for infants in 2009. The percentage of all decedents with age not stated in 2009 was 0.01% (3).

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, decedents of Hispanic origin are included in the totals for each race group—white, black, American Indian or Alaska Native (AIAN), and Asian or Pacific Islander (API)—according to the decedent's race as reported on the death certificate. Data shown for Hispanic persons include all persons of Hispanic origin of any race.

The 2003 revision of the U.S. Standard Certificate of Death allows the reporting of more than one race (multiple races) (16). This change was implemented to reflect the increasing diversity of the U.S. population and is consistent with the decennial census. The race and ethnicity items on the revised certificate are compliant with the most recent standards issued by the Office of Management and Budget (OMB) in 1997 (30), which mandate the collection of more than one race for federal data. In addition, the new certificate is compliant with the OMB-mandated minimum of five races to be reported for federal data. Multiple race includes any combination of white, black or African American, AIAN, and API. If two or more specific subgroups such as Korean and Chinese are reported, they count as a single race (Asian) rather than as multiple races.

In 2009, multiple race was reported for the entire year on the revised death certificates of Arkansas, California, Connecticut, Delaware, District of Columbia, Florida, Georgia, Idaho, Illinois, Indiana, Kansas, Michigan, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Dakota, Ohio, Oklahoma, Oregon, Rhode Island, South Carolina, South Dakota, Texas, Utah, Vermont, Washington, and Wyoming, as well as on the unrevised certificates of Hawaii, Maine, Minnesota, and Wisconsin. More than one race was reported for 0.4% of the records in the District of Columbia and the 34 states that reported multiple-race information for the entire year. Data from the remaining states are based on the 1989 revision of the U.S. Standard Certificate of Death, which follows the older 1977 OMB standard of allowing only a single race to be reported (17,31). In addition, these states report a minimum of four races as stipulated by said standard: white, black or African American, AIAN, and API.

To provide uniformity and comparability of data during the transition to the new multiple-race format, it was necessary to bridge the responses of those who reported multiple races to a single race in a procedure similar to that used to bridge multiracial population estimates (32,33). Multiracial decedents are imputed to a single race (white, black, AIAN, or API) according to their combination of races, Hispanic origin, sex, and age indicated on the death certificate. The imputation procedure is described in detail at http://www.cdc.gov/nchs/data/dvs/Multiple_race_docu_5-10-04.pdf.

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

Quality of race and Hispanic origin data

Death counts and rates for Hispanic, AIAN, and API persons should be interpreted with caution because of misreporting of race on the death certificate. A number of studies (10–13) 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 is obtained while the individual is alive and is self-reported or reported by another household member 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 ensure unbiased death rates by race.

Studies (10–13,34) have shown that a person self-reported as AIAN, API, or Hispanic origin on census or survey records was sometimes reported as white on the death certificate. The net effect of misclassification is an underestimation of deaths and death rates for races other than white and black and for Hispanic origin. Deaths for the AIAN population are underreported by 30%, the API population by 7%, and the Hispanic-origin population by 5% (13). In addition, undercoverage of some minority groups in the census and resultant population estimates introduces biases into death rates by race and Hispanic origin (10–13,34,35). Unlike the 1990 census, coverage error in the 2000 census was statistically significant only for the non-Hispanic white population (overcounted by an estimated 1.13%) and the non-Hispanic black population (undercounted by an estimated 1.84%) (35). For a more detailed discussion, see “Deaths: Final Data for 2009” (3).

Other races and race not stated

Beginning in 1992, all records coded as “Other races” (0.41% of total deaths in 2009) were assigned to the specified race of the previous record. Records for which race was unknown, not stated, or not classifiable (0.18%) were assigned the racial designation of the previous record.

Infant mortality rates

For 2009, as in previous years, infant deaths continued 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 (18,36,37).

Quantitatively, the change to tabulating live births by race of mother results in more white births and fewer black births and births of other races. Consequently, infant and maternal mortality rates under the new tabulating procedure tend to be about 2% lower for white infants and about 5% 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 (18,36,37).

Infant mortality rates for the Hispanic-origin population are based on numbers of resident infant deaths reported to be of Hispanic origin and numbers of resident live births by Hispanic origin of mother for the United States. In computing infant mortality rates, deaths and live births of unknown origin are not distributed among the specified Hispanic and non-Hispanic groups. The percentage of infant deaths of unknown origin was 1.0%, and the percentage of live births to mothers of unknown origin was 0.7% for the United States in 2009 (38).

Infant mortality rates for specified race and Hispanic origin are subject to error because of reporting problems that affect the classification of race and Hispanic origin on the birth and death certificates for the same infant. Infant mortality rates by specified race and Hispanic origin are more accurate when based on the linked file of infant deaths and live births (14). The linked file computes infant mortality rates using the race and Hispanic origin of the mother from the birth certificate in both the numerator and denominator. Race and Hispanic origin information on the birth certificate is considered to be more accurate than that on the death certificate because, on the birth certificate, race and Hispanic origin are generally reported by the mother at the time of delivery. In contrast, on the death certificate, race and Hispanic origin are reported by an informant—often the mother, but sometimes the funeral director. Estimates of reporting errors have been made by comparing rates based on the linked files with those in which the race of the infant decedent is based on information from the death certificate (10,14).

Computation of rates and population bases

Rates in this report (except for infant mortality rates) are crude death rates presented per 100,000 estimated population in a specified group. Population estimates represent the population at risk of dying in a specified group. The populations used for computing death rates in this report are estimates for July 1, 2009, and were produced under a collaborative arrangement with the U.S. Census Bureau (39). Population estimates for the AIAN population increased significantly from 2008 to 2009, especially for younger age groups, so death rates for this population may not be comparable with rates for previous years. For additional information, see “Deaths: Final Data for 2009” (3).

Reflecting the current standards for the classification of race and ethnicity issued by OMB in 1997, U.S. Census 2000 included an option for individuals to report more than one race, as appropriate, for themselves and household members (30). In addition, the standards specified five minimum race categories to be used for tabulation: AIAN, Asian, black or African American, Native Hawaiian or Other Pacific Islander (NHOPI), and white. This is a modification of the 1977 OMB standards in which only four race categories were specified (Asian and Pacific Islander persons were treated as a single group) and respondents reported only one of the four (31). Death certificates from some reporting areas currently collect only one race for the decedent, according to the 1977 OMB guidelines, and are thus incompatible with population data based on the 2000 census for calculating death rates. In 2009, multiple-race information was reported on the revised death certificates of 34 states and the District of Columbia, as well as on the unrevised certificates of four states (referenced above). A total of 16 states reported single-race information on unrevised death certificates.

To produce year 2000 populations with race categories comparable with those still used on some death certificates, the enumerated population data with multiple-race categories was bridged back to single-race categories. In addition, the 2000 census counts were modified to be consistent with the older (1977) OMB racial categories (i.e., data for Asian persons and NHOPI persons were combined into a single category, API). The procedures used to produce the bridged populations are described in separate publications (32,33). It is anticipated that bridged population data will be used over the next few years for computing population-based rates. Beginning with deaths occurring

in 2003, some states collected multiple-race data on the death certificate. Once all states begin collecting data on race according to the 1997 OMB standards, the use of bridged populations is expected to be discontinued.

It is important to emphasize that the population data used to calculate the race-specific mortality statistics presented in this report are based on special estimation procedures and are not true counts. The estimation procedures used to develop these populations are subject to error. Smaller populations such as AIAN are likely to be affected much more than larger populations (32). Although the nature and magnitude of these errors are unknown, the potential for error should be kept in mind when evaluating trends and differentials. Over the next several years, additional information will be incorporated in the estimation procedures, resulting in more robust race-specific population estimates.

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

Infant mortality rates are the most commonly used index for measuring the risk of dying during the first year of life. Infant mortality rates use the number of live births to approximate the population at risk of dying before the first birthday. The rates 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 2009” (38).

Random variation

The mortality data presented in this report are not subject to sampling error. However, mortality data, even though based on complete counts, may be affected by random variation. When the number of events is small (perhaps fewer 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.)

Table I. Estimated population, by age, race, and sex: United States, July 1, 2009

Age	All races			White			Black			American Indian or Alaska Native			Asian or Pacific Islander		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	307,006,550	151,449,490	155,557,060	246,978,488	122,553,497	124,424,991	40,999,984	19,616,210	21,383,774	3,500,501	1,751,119	1,749,382	15,527,577	7,528,664	7,998,913
Less than 1 year	4,261,494	2,178,512	2,082,982	3,247,073	1,660,504	1,586,569	710,133	362,411	347,722	70,707	35,947	34,760	233,581	119,650	113,931
1-4 years	17,038,162	8,708,496	8,329,666	13,040,876	6,675,774	6,365,102	2,777,949	1,413,104	1,364,845	270,191	137,019	133,172	949,146	482,599	466,547
5-9 years	20,609,634	10,535,900	10,073,734	16,000,159	8,194,052	7,806,107	3,211,169	1,631,285	1,579,884	291,917	148,059	143,858	1,106,389	562,504	543,885
10-14 years	19,973,564	10,222,522	9,751,042	15,502,098	7,952,253	7,549,845	3,219,004	1,635,276	1,583,728	271,184	138,225	132,959	981,278	496,768	484,510
15-19 years	21,537,837	11,051,289	10,486,548	16,639,809	8,560,956	8,078,853	3,606,737	1,829,620	1,777,117	303,995	154,164	149,831	987,296	506,549	480,747
20-24 years	21,539,559	11,093,552	10,446,007	16,830,416	8,704,165	8,126,251	3,363,875	1,704,450	1,659,425	305,642	156,895	148,747	1,039,626	528,042	511,584
25-34 years	41,566,322	21,223,534	20,342,788	32,476,712	16,760,122	15,716,590	5,966,900	2,925,759	3,041,141	530,075	275,064	255,011	2,592,635	1,262,589	1,330,046
35-44 years	41,529,956	20,857,155	20,672,801	32,953,967	16,762,699	16,191,268	5,536,407	2,608,315	2,928,092	451,890	230,256	221,634	2,587,692	1,255,885	1,331,807
45-54 years	44,592,483	21,973,371	22,619,112	36,543,491	18,214,630	18,328,861	5,484,980	2,533,920	2,951,060	447,118	217,954	229,164	2,116,894	1,006,867	1,110,027
55-64 years	34,786,949	16,781,599	18,005,350	29,289,125	14,299,840	14,989,285	3,686,430	1,643,741	2,042,689	304,988	146,081	158,907	1,506,406	691,937	814,469
65 years and over	39,570,590	16,823,560	22,747,030	34,454,762	14,768,502	19,686,260	3,436,400	1,328,329	2,108,071	252,794	111,455	141,339	1,426,634	615,274	811,360
65-74 years	20,792,067	9,593,390	11,198,677	17,859,186	8,328,234	9,530,952	1,960,463	819,275	1,141,188	152,818	71,319	81,499	819,600	374,562	445,038
75-84 years	13,147,862	5,447,496	7,700,366	11,521,417	4,826,382	6,695,035	1,109,337	408,871	700,466	73,409	31,196	42,213	443,699	181,047	262,652
85 years and over	5,630,661	1,782,674	3,847,987	5,074,159	1,613,886	3,460,273	366,600	100,183	266,417	26,567	8,940	17,627	163,335	59,665	103,670

NOTE: Population estimates are based on the 2000 census; see Technical Notes.

SOURCE: U.S. Census Bureau.

Table II. Estimated population, by age, Hispanic origin, race for the non-Hispanic population, and sex: United States, July 1, 2009

Age	All origins			Hispanic			Non-Hispanic			Non-Hispanic white			Non-Hispanic black		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	307,006,550	151,449,490	155,557,060	48,419,324	25,056,919	23,362,405	258,587,226	126,392,571	132,194,655	202,157,932	99,313,231	102,844,701	38,862,271	18,554,739	20,307,532
Less than 1 year	4,261,494	2,178,512	2,082,982	1,104,650	564,022	540,628	3,156,844	1,614,490	1,542,354	2,257,017	1,154,985	1,102,032	638,247	325,675	312,572
1-4 years	17,038,162	8,708,496	8,329,666	4,380,120	2,236,307	2,143,813	12,658,042	6,472,189	6,185,853	9,101,967	4,664,802	4,437,165	2,497,672	1,270,023	1,227,649
5-9 years	20,609,634	10,535,900	10,073,734	4,792,409	2,449,524	2,342,885	15,817,225	8,086,376	7,730,849	11,579,509	5,934,303	5,645,206	2,994,693	1,520,665	1,474,028
10-14 years	19,973,564	10,222,522	9,751,042	4,059,590	2,079,581	1,980,009	15,913,974	8,142,941	7,771,033	11,766,196	6,038,136	5,728,060	3,027,046	1,537,382	1,489,664
15-19 years	21,537,837	11,051,289	10,486,548	4,031,986	2,087,024	1,944,962	17,505,851	8,964,265	8,541,586	12,925,546	6,635,916	6,289,630	3,419,270	1,734,258	1,685,012
20-24 years	21,539,559	11,093,552	10,446,007	3,883,925	2,067,211	1,816,714	17,655,634	9,026,341	8,629,293	13,235,712	6,787,606	6,448,106	3,199,744	1,619,330	1,580,414
25-34 years	41,566,322	21,223,534	20,342,788	8,179,467	4,504,769	3,674,698	33,386,855	16,718,765	16,668,090	24,857,759	12,550,016	12,307,743	5,645,362	2,761,692	2,883,670
35-44 years	41,529,956	20,857,155	20,672,801	7,064,029	3,782,087	3,281,942	34,465,927	17,075,068	17,390,859	26,359,369	13,216,470	13,142,899	5,258,863	2,474,765	2,784,098
45-54 years	44,592,483	21,973,371	22,619,112	5,167,816	2,649,325	2,518,491	39,424,667	19,324,046	20,100,621	31,728,460	15,737,912	15,990,548	5,278,190	2,435,655	2,842,535
55-64 years	34,786,949	16,781,599	18,005,350	2,994,369	1,451,799	1,542,570	31,792,580	15,329,800	16,462,780	26,495,932	12,943,612	13,552,320	3,566,257	1,587,911	1,978,346
65 years and over	39,570,590	16,823,560	22,747,030	2,760,963	1,185,270	1,575,693	36,809,627	15,638,290	21,171,337	31,850,465	13,649,473	18,200,992	3,336,927	1,287,383	2,049,544
65-74 years	20,792,067	9,593,390	11,198,677	1,566,521	707,978	858,543	19,225,546	8,885,412	10,340,134	16,385,730	7,662,007	8,723,723	1,902,012	793,629	1,108,383
75-84 years	13,147,862	5,447,496	7,700,366	870,365	362,808	507,557	12,277,497	5,084,688	7,192,809	10,697,883	4,482,365	6,215,518	1,079,365	397,134	682,231
85 years and over	5,630,661	1,782,674	3,847,987	324,077	114,484	209,593	5,306,584	1,668,190	3,638,394	4,766,852	1,505,101	3,261,751	355,550	96,620	258,930

NOTE: Population estimates are based on the 2000 census; see Technical Notes.

SOURCE: U.S. Census Bureau.

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