

Deaths: Leading Causes for 2021

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Abstract

Objectives—This report presents final 2021 data on the 10 leading causes of death in the United States by age group, race and Hispanic origin, and sex. Leading causes of infant, neonatal, and postneonatal death are also presented. This report supplements “Deaths: Final Data for 2021,” the National Center for Health 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 2021. Causes of death classified by the *International Classification of Diseases, 10th Revision* are ranked according to the number of deaths. Cause-of-death statistics are based on the underlying cause of death.

Results—In 2021, the ranked order of 9 of the 10 leading causes of death remained unchanged from 2020, as COVID-19 remained the third leading cause of death in the United States. The 10 leading causes of death in 2021 were, in ranked order: Diseases of heart; Malignant neoplasms; COVID-19; Accidents (unintentional injuries); Cerebrovascular diseases; Chronic lower respiratory diseases; Alzheimer disease; Diabetes mellitus; Chronic liver disease and cirrhosis; and Nephritis, nephrotic syndrome and nephrosis. These causes accounted for 74.5% of all deaths occurring in the United States. Rankings are presented by age, race, Hispanic origin, and sex. The 10 leading causes of infant death for 2021 were, in ranked order: Congenital malformations, deformations and chromosomal abnormalities; Disorders related to short gestation and low birth weight, not elsewhere classified; Sudden infant death syndrome; Accidents (unintentional injuries); Newborn affected by maternal complications of pregnancy; Newborn affected by complications of placenta, cord and membranes; Bacterial sepsis of newborn; Respiratory distress of newborn; Diseases of the circulatory system; and Intrauterine hypoxia and birth asphyxia.

Keywords: mortality • racial and ethnic differences • sex differences • National Vital Statistics System

Introduction

Ranking causes of death is a standard and widely used method of presenting mortality statistics. Leading cause-of-death data have been published since 1952 (beginning with 1949 mortality data), when official tables ranking causes of death were first introduced (1). Users of this method of presentation should be aware of its limitations. Ranking causes of death is, to some extent, a subjective procedure. The ranked 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 for use 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 National Center for Health Statistics; 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 useful 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 signify the most frequently occurring causes of death among those causes eligible to be ranked. Rankings do not illustrate cause-specific mortality risk as depicted by mortality rates. The rank of a specific cause (that is, 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 declining.

Note also that rankings do not necessarily indicate the causes of death of greatest public health importance. Some causes of death of public health significance 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 7th, whereas Motor vehicle accidents would rank 12th. However, each of these is incorporated into broader rankable categories, namely, Malignant neoplasms (cancer) 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 public health community.

This report also uses the percentage of total deaths from the rankable causes to depict the relative burden of cause-specific mortality. 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, note that the rank of a specific cause may remain the same even though the percentage 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 percentages.

This report presents final 2021 data on leading causes of death in the United States by age group, race and Hispanic origin, and sex. It shows race and Hispanic-origin categories based on the 1997 Office of Management and Budget (OMB) standards for collecting, tabulating, and reporting race and Hispanic ethnicity (3). For details on the differences between the 1997 OMB standards and the previous 1977 standards, see “Comparability of Race-specific Mortality Data Based on 1977 Versus 1997 Reporting Standards” (4). This report supplements “Deaths: Final Data for 2021,” which separately presents final national mortality statistics for 2021 (5). Also presented in this report is the procedure used by the National Center for Health Statistics 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 2021. Death certificates are generally completed by funeral directors, attending physicians, medical examiners, and coroners. Cause-of-death statistics for 2021 presented in this report are classified according to the 10th revision of ICD (ICD-10) (6). Discussions of the cause-of-death classification and coding rule changes in data year 2021 are provided in the Technical Notes at the end of this report.

Procedures for ranking causes of death

The procedures that the National Center for Health Statistics uses 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 not 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 (7). Consequently, 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 affects the older population tends to be higher, and the rank of causes that primarily affects 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 and Enterocolitis due to *Clostridium difficile* and COVID-19” (8), shown in [Table A](#), is used to select 52 rankable causes (denoted by #) from which the leading causes presented in [Table 1](#) are obtained. Enterocolitis due to *Clostridium difficile* was added to the list of rankable causes in data year 2006 because of a substantial increase in the number of deaths due to this cause from 1999 through 2006 (9,10). COVID-19 was added in data year 2020 due to its emergence as a leading cause of death.

Selection of the 52 rankable causes was guided by some basic principles. As done previously, 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 containing subcategories (for example, 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.

Table A. List of 113 selected causes of death and Enterocolitis due to *Clostridium difficile* and COVID-19[An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Number ¹	Cause of death (based on ICD-10)
1#	Salmonella infections (A01–A02)
2#	Shigellosis and amebiasis (A03, A06)
3	Certain other intestinal infections (A04, A07–A09)
#	Tuberculosis (A16–A19)
4	Respiratory tuberculosis (A16)
5	Other tuberculosis (A17–A19)
6#	Whooping cough (A37)
7#	Scarlet fever and erysipelas (A38, A46)
8#	Meningococcal infection (A39)
9#	Septicemia (A40–A41)
10#	Syphilis (A50–A53)
11#	Acute poliomyelitis (A80)
12#	Arthropod-borne viral encephalitis (A83–A84, A85.2)
13#	Measles (B05)
14#	Viral hepatitis (B15–B19)
15#	Human immunodeficiency virus (HIV) disease (B20–B24)
16#	Malaria (B50–B54)
17	Other and unspecified infectious and parasitic diseases and their sequelae (A00, A05, A20–A36, A42–A44, A48–A49, A54–A79, A81–A82, A85.0–A85.1, A85.8, A86–B04, B06–B09, B25–B49, B55–B99)
#	Malignant neoplasms (C00–C97)
18	Malignant neoplasms of lip, oral cavity and pharynx (C00–C14)
19	Malignant neoplasm of esophagus (C15)
20	Malignant neoplasm of stomach (C16)
21	Malignant neoplasms of colon, rectum and anus (C18–C21)
22	Malignant neoplasms of liver and intrahepatic bile ducts (C22)
23	Malignant neoplasm of pancreas (C25)
24	Malignant neoplasm of larynx (C32)
25	Malignant neoplasms of trachea, bronchus and lung (C33–C34)
26	Malignant melanoma of skin (C43)
27	Malignant neoplasm of breast (C50)
28	Malignant neoplasm of cervix uteri (C53)
29	Malignant neoplasms of corpus uteri and uterus, part unspecified (C54–C55)
30	Malignant neoplasm of ovary (C56)
31	Malignant neoplasm of prostate (C61)
32	Malignant neoplasms of kidney and renal pelvis (C64–C65)
33	Malignant neoplasm of bladder (C67)
34	Malignant neoplasms of meninges, brain and other parts of central nervous system (C70–C72)
	Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81–C96)
35	Hodgkin disease (C81)
36	Non-Hodgkin 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 disease (G20–G21)
48#	Alzheimer disease (G30)
#	Major cardiovascular diseases (I00–I78)
49	Diseases of heart (I00–I09, I11, I13, I20–I51)
	Acute rheumatic fever and chronic rheumatic heart diseases (I00–I09)
50	Hypertensive heart disease (I11)
51	Hypertensive heart and renal disease (I13)
	Ischemic heart diseases (I20–I25)
52	Acute myocardial infarction (I21–I22)
53	Other acute ischemic heart diseases (I24)
	Other forms of chronic ischemic heart disease (I20, I25)
54	Atherosclerotic cardiovascular disease, so described (I25.0)

See footnotes at end of table.

Table A. List of 113 selected causes of death and Enterocolitis due to *Clostridium difficile* and COVID-19—Con.[An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Number ¹	Cause of death (based on ICD-10)	
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)
66	Influenza	(J09–J11)
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,U07.0)
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–K2,V12–V14,V19.0–V19.2,V19.4–V19.6,V20–V79,V80.3–V80.5,V81.0–V81.1, V82.0–V82.1,V83–V86,V87.0–V87.8,V88.0–V88.8,V89.0,V89.2)
97	Other land transport accidents	(V01,V05–V06,V09.1,V09.3–V09.9,V10–V11,V15–V18,V19.3,V19.8–V19.9,V80.0–V80.2, V80.6–V80.9,V81.2–V81.9,V82.2–V82.9,V87.9,V88.9,V89.1,V89.3,V89.9)
98	Water, air and space, and other and unspecified transport accidents and their sequelae	(V90–V99,Y85)
	Nontransport accidents	(W00–X59,Y86)
99	Falls	(W00–W19)
100	Accidental discharge of firearms	(W32–W34)
101	Accidental drowning and submersion	(W65–W74)
102	Accidental exposure to smoke, fire and flames	(X00–X09)
103	Accidental poisoning and exposure to noxious substances	(X40–X49)
104	Other and unspecified nontransport accidents and their sequelae	(W20–W31,W35–W64,W75–W99,X10–X39,X50–X59,Y86)

Table A. List of 113 selected causes of death and Enterocolitis due to *Clostridium difficile* and COVID-19—Con.[An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Number ¹	Cause of death (based on ICD-10)
#	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) ²
#	COVID-19..... (U07.1)

¹Causes labeled # are ranked to determine leading causes of death for specified population groups. Only mutually exclusive categories are numbered.²Included in "Certain other intestinal infections (A04,A07–A09)" shown above.

SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data file.

Beginning with 1980 mortality data, the National Center for Health Statistics introduced a separate ranking procedure for infant causes of death using a specialized list of infant causes. This was done to include in the rankings those causes specific to infancy (especially the perinatal period—the period beginning shortly before and ending shortly after birth) that would otherwise be excluded. The ICD-10 "List of 130 Selected Causes of Infant Death" (8) (Table B) is used to select 71 rankable causes of infant death from which the rankings in Table 2 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.

This report presents the 10 leading causes of death by age, race and Hispanic origin, and sex. Where shown in tables, the "All other causes (residual)" category refers to causes that were not ranked among the top 10 causes of death for a specified population, whether leading causes were derived from the 52 rankable causes in the "List of 113 Selected Causes of Death" or from the 71 rankable causes of the "List of 130 Selected Causes of Infant Death" mentioned previously.

Age groupings

Leading causes of death for those age 1 year and older are presented in Table 1 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 older, 65–74, 75–84, and 85 and older. 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 it represents a substantial expansion from the age categories previously used in these tables to present leading-cause data (11). In this report, a discussion of leading causes by age uses the following summary age categories: 1–9, 10–24, 25–44, 45–64, 65 and older, and 85 and older. Table 2, which presents data for infants (younger than age 1 year), also shows leading causes of death for the age subcategories neonatal (younger than 28 days) and postneonatal (28 days through 11 months).

The age grouping used when ranking causes of death can impact the rankings assigned to any particular age (12). For example, in 2021, the rankings for the 10 leading causes of death for a 45-year-old man differed depending on whether the ranking was based on the age group 45–49 or 45–54. To illustrate, the category Accidents (unintentional injuries) was ranked first for men ages 45–49 but third for men ages 45–54. Heart disease was ranked third for men ages 45–49 but first for men ages 45–54. Several other differences in the rankings were observed as well. As a result, the relative importance of these two causes for men at or near age 45 changes depending on the age category selected.

Data by race and Hispanic origin

Starting in 2018, all 50 states and the District of Columbia reported race and Hispanic-origin data for the entire year using the 2003 revision of the U.S. Standard Certificate (13), which allowed for the collection of race data according to 1997 OMB standards (3). These standards require the collection, tabulation, and reporting of multiple races (any combination of two or more designated races) and use of a minimum of five single-race categories: American Indian and Alaska Native, Asian, Black or African American, Native Hawaiian and Other Pacific Islander, and White. The implementation of the revised death certificate was not completed by all vital statistics jurisdictions until data year 2018. In the interim, for the sake of uniformity and comparability of mortality data among jurisdictions, as well as with population estimates from the U.S. Census Bureau, multiple-race data were "bridged" (14) back to the four minimum single-race categories of the 1977 OMB standards (15): American Indian and Alaska Native, Asian or Pacific Islander, Black, and White. Because the transition to the 2003 revision of the death certificate has been completed, bridged-race data is no longer used for official mortality statistics as of data year 2018, but is provided as supplemental information through data year 2020 to allow comparisons over time. For more details about the 2003

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, 10th Revision (ICD-10)*]

Number ¹	Cause of death (based on ICD-10)
	Certain infectious and parasitic diseases (A00–B99,U07.1)
1	Certain intestinal infectious diseases (A00–A08)
2#	Diarrhea and gastroenteritis of infectious origin (A09)
3#	Tuberculosis (A16–A19)
4#	Tetanus (A33,A35)
5#	Diphtheria (A36)
6#	Whooping cough (A37)
7#	Meningococcal infection (A39)
8#	Septicemia (A40–A41)
9#	Congenital syphilis (A50)
10#	Gonococcal infection (A54)
	Viral diseases (A80–B34)
11#	Acute poliomyelitis (A80)
12#	Varicella (chickenpox) (B01)
13#	Measles (B05)
14#	Human immunodeficiency virus (HIV) disease (B20–B24)
15#	Mumps (B26)
16	Other and unspecified viral diseases (A81–B00,B02–B04,B06–B19,B25,B27–B34)
17#	Candidiasis (B37)
18#	Malaria (B50–B54)
19#	Pneumocystosis (B59)
20	All other and unspecified infectious and parasitic diseases (A20–A32,A38,A42–A49,A51–A53,A55–A79,B35–B36,B38–B49,B55–B58,B60–B99)
	Neoplasms (C00–D48)
#	Malignant neoplasms (C00–C97)
21	Hodgkin disease and non-Hodgkin 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)
45#	Acute upper respiratory infections (J00–J06)
#	Influenza and pneumonia (J09–J18)
46	Influenza (J09–J11)
47	Pneumonia (J12–J18)
48#	Acute bronchitis and acute bronchiolitis (J20–J21)
49#	Bronchitis, chronic and unspecified (J40–J42)
50#	Asthma (J45–J46)
51#	Pneumonitis due to solids and liquids (J69)
52	Other and unspecified diseases of respiratory system (J22,J30–J39,J43–J44,J47–J68,J70–J98,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)

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, 10th Revision (ICD-10)*]

Number ¹	Cause of death (based on ICD-10)	
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)
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 syndrome	(Q90)
107	Edward syndrome	(Q91.0–Q91.3)

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, 10th Revision (ICD-10)*]

Number ¹	Cause of death (based on ICD-10)
108	Patau 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,V82.2–82.9,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. Only mutually exclusive categories are numbered.

SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data file.

revision of the death certificate, delays in implementation of the revision, and race bridging of deaths and population estimates, see “Deaths: Final Data for 2021” (5).

This report presents combined single-race and Hispanic-origin categories consistent with the 1997 OMB standards as: Hispanic; American Indian and Alaska Native non-Hispanic (subsequently, American Indian and Alaska Native); Asian non-Hispanic (subsequently, Asian); Black non-Hispanic (subsequently, Black); Native Hawaiian and Other Pacific Islander non-Hispanic (subsequently, Native Hawaiian and Other Pacific Islander); and White non-Hispanic (subsequently, White). Because the number of decedents for whom two or more races were reported is small (0.6% of deaths in 2021), multiple-race decedents are included in totals but are not distributed among race and Hispanic-origin categories. For details on the differences between bridged-race and single-race mortality estimates, see “Comparability of Race-specific Mortality Data Based on 1977 Versus 1997 Reporting Standards” (4).

Race and Hispanic origin are reported separately on the death certificate; consequently, leading-cause data presented in this report for non-Hispanic decedents reflect a combination of these two characteristics. People of Hispanic origin may be of any race, and data are not tabulated by race in this report. As a result, total Hispanic-origin data in this report are not affected by the transition to 1997 OMB standards. Because of

net misclassification of race and Hispanic origin on the death certificate, deaths for the American Indian and Alaska Native population are estimated to be underreported by 34%, the Asian or Pacific Islander population by 3%, and the Hispanic-origin population by 3% (16,17). Consequently, data for these groups should generally be interpreted with caution. Although the findings on net misclassification noted are based on bridged-race mortality data, this report assumes that race is similarly misclassified in single-race data because the data collection process for race has not changed. Although a recent report found some variation in misclassification by cause of death for the American Indian and Alaska Native population (17), this finding 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.

Results

In 2021, the 10 leading causes of death accounted for 74.5% of all deaths occurring in the United States (Table C). The first and second leading causes of death, Diseases of heart (heart disease) and Malignant neoplasms (cancer), respectively, together accounted for 37.5% of all deaths in 2021. COVID-19 ranked third, accounting for 12.0% of all deaths. Accidents (unintentional injuries) ranked fourth, and Cerebrovascular

diseases (stroke) ranked fifth; together, these causes accounted for 11.2% of all deaths. Completing the top 10 for 2021 were Chronic lower respiratory diseases (6th); Alzheimer disease (7th); Diabetes mellitus (diabetes) (8th); Chronic liver disease and cirrhosis (liver disease) (9th); and Nephritis, nephrotic syndrome, and nephrosis (kidney disease) (10th)—these five causes together accounted for 13.7% of deaths in 2021.

The ranked order of 9 of the 10 leading causes in 2021 did not change compared with 2020 (18). Influenza and pneumonia was the 9th leading cause in 2020 but dropped from the leading 10 causes to 11th in 2021. Liver disease entered the 10 leading causes at ninth in 2021.

The number of deaths due to seven leading causes increased from 2020 to 2021: COVID-19 by 18.8%, unintentional injuries by 11.9%, liver disease by 9.6%, kidney disease by 3.4%, stroke by 1.6%, diabetes by 1.1%, and cancer by 0.5% (Table C). The number of deaths due to Alzheimer disease decreased by 11.1%, Chronic lower respiratory diseases by 6.8%, and heart disease by 0.2%.

Differences by sex

Male and females shared 8 of the 10 leading causes of death, and similarities were present in the ranking of certain causes of death. For both populations, heart disease, cancer, and COVID-19 ranked as the first, second, and third leading causes of death, respectively (Figure 1, Table 1). In 2021, heart disease accounted for 20.9% of all deaths to males and 19.1% of all deaths to females. Cancer accounted for 17.3% of deaths to males and 17.6% of deaths to females. COVID-19 accounted for 12.9% of deaths to males and 11.1% of deaths to females.

Males and females differed in the ranking of other causes of death. In 2021, males had a higher relative burden of mortality from unintentional injuries, which was the fourth leading cause of death for this group, accounting for 8.1% of deaths (Figure 1, Table 1). It was the sixth leading cause for females, accounting for 4.6% of deaths. Although Chronic lower respiratory diseases

ranked sixth for males compared with seventh for females, it accounted for a smaller percentage of deaths among males (3.7%) than among females (4.6%). Males had a lower relative burden of mortality from stroke, which ranked fifth and accounted for 3.9% of all male deaths but ranked fourth and accounted for 5.7% of all female deaths. Diabetes ranked seventh for males (3.2% of deaths) and eighth for females (2.7% of deaths). Alzheimer disease ranked ninth for males, accounting for 2.0% of deaths, but it ranked fifth for females, accounting for 5.1% of deaths.

Additionally, some of the 10 leading causes of death were unique to either population in 2021. Suicide ranked eighth for males (2.1% of deaths) but was not ranked among the 10 leading causes for females. Chronic liver disease and cirrhosis was the 10th leading cause for males (1.9% of deaths), but it was not in the top 10 for females. Kidney disease ranked 9th (1.6% of deaths) and hypertension disease ranked 10th (1.4% of deaths) for females, but neither was among the 10 leading causes of death for males.

The ranked order of some leading causes changed in 2021 from 2020 (18) for males and females. For both males and females, stroke moved up one position in 2021 compared with 2020. For males, stroke and Chronic lower respiratory diseases switched positions so that stroke ranked fifth and Chronic lower respiratory disease ranked sixth in 2021. For females, stroke and Alzheimer disease switched positions so that stroke ranked fourth and Alzheimer disease fifth. Suicide and Alzheimer disease also switched positions in the leading causes for males so that suicide ranked eighth and Alzheimer disease ranked ninth. For females, unintentional injuries and Chronic lower respiratory disease switched positions and were sixth and seventh, respectively, in 2021. Kidney disease moved up one position for females to 9th, and hypertension entered the leading causes at 10th. Influenza and pneumonia, which ranked 9th in 2020, dropped out of the 10 leading causes for females in 2021.

Table C. Deaths and percentage of total deaths for the 10 leading causes of death: United States, 2021 and 2020

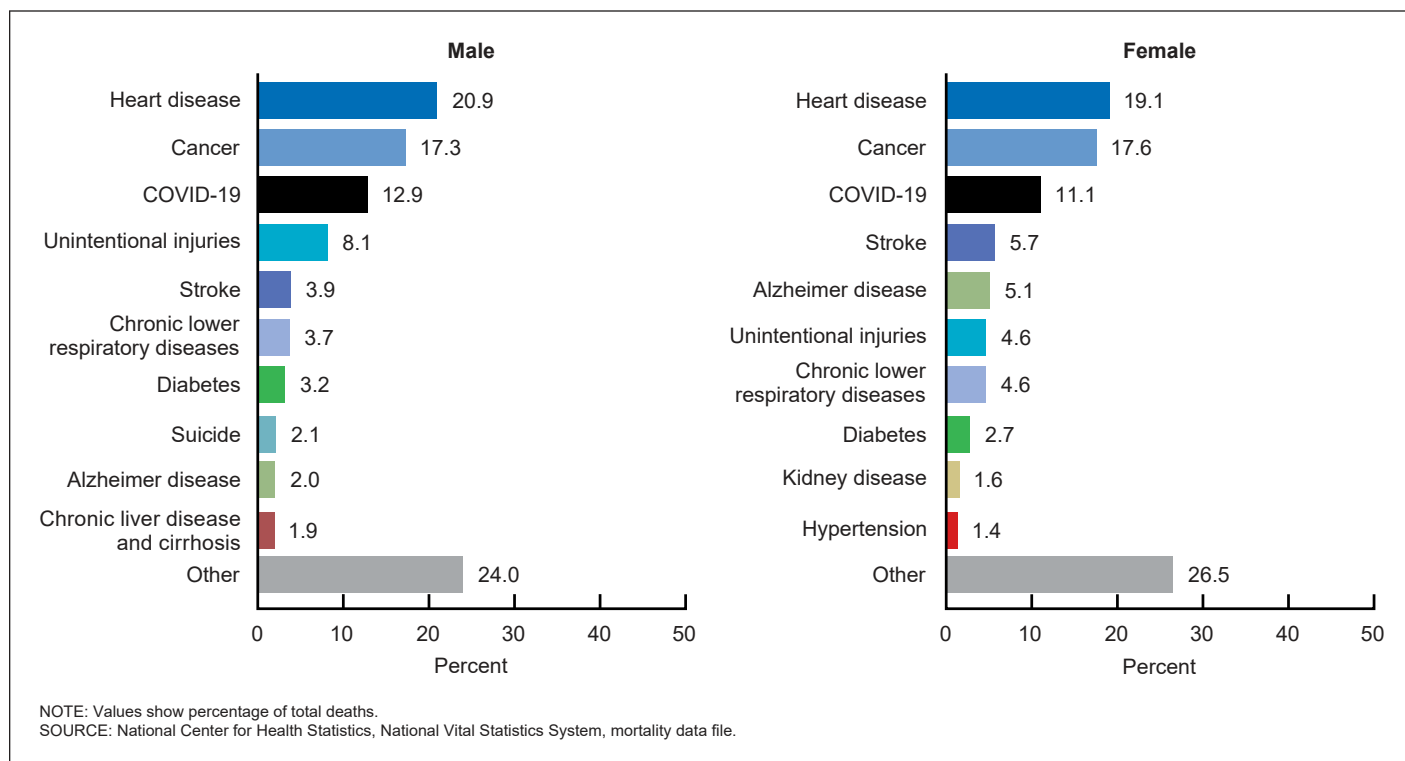
[An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Cause of death (based on ICD-10)	2021			2020		
	Rank ¹	Deaths	Percent of total deaths	Rank ¹	Deaths	Percent of total deaths
All causes . . . . .	...	3,464,231	100.0	...	3,383,729	100.0
Diseases of heart (I00-I09,I11,I13,I20-I51)	1	695,547	20.1	1	696,962	20.6
Malignant neoplasms (C00-C97)	2	605,213	17.5	2	602,350	17.8
COVID-19 (U07.1)	3	416,893	12.0	3	350,831	10.4
Accidents (unintentional injuries) (V01-X59,Y85-Y86)	4	224,935	6.5	4	200,955	5.9
Cerebrovascular diseases (I60-I69)	5	162,890	4.7	5	160,264	4.7
Chronic lower respiratory diseases (J40-J47)	6	142,342	4.1	6	152,657	4.5
Alzheimer disease (G30)	7	119,399	3.4	7	134,242	4.0
Diabetes mellitus (E10-E14)	8	103,294	3.0	8	102,188	3.0
Chronic liver disease and cirrhosis (K70,K73-K74)	9	56,585	1.6	11	51,642	1.5
Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	10	54,358	1.6	10	52,547	1.6
Influenza and pneumonia (J09-J18)	13	41,917	1.2	9	53,544	1.6

... 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 years.

SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data file.

Figure 1. Percent distribution of the 10 leading causes of death, by sex: United States, 2021

Differences by age

Differing patterns in the leading causes of death were observed by age group, although all groups shared five of the leading causes: heart disease, cancer, COVID-19, unintentional injuries, and stroke (Figure 2). Generally for younger age groups, external causes (unintentional injuries, suicide, and homicide) accounted for more deaths than other causes, whereas for older age groups, chronic diseases were more prevalent. In 2021, the leading cause of death for the population ages 1–44 was unintentional injuries. The relative burden of mortality from this cause was greater in this age range, accounting for 39.9% of deaths for age group 10–24, 34.2% for age group 25–44, and 34.2% for age group 1–9. In contrast, unintentional injuries accounted for 9.3% of deaths for age group 45–64 (fourth leading cause), 2.8% for age group 65 and older (eighth), and 2.8% for age group 85 and older (seventh). For the population ages 45–64, the leading cause of death was cancer, accounting for 20.4% of deaths. Cancer was the second leading cause for those age 65 and older (17.9% of deaths), 85 and older (10.9%), and 1–9 years (10.1%). Cancer was the fourth leading cause for those ages 10–24 (4.2%) and the fifth leading cause for those ages 25–44 (7.1%). For the population age 65 and older, heart disease was the leading cause, accounting for 22.2% of deaths. It was also the leading cause for the population age 85 and older, accounting for 25.9% of deaths. However, heart disease was the fifth leading cause for age group 1–9 (2.9%), the sixth for age group 10–24 (2.6%), the third leading cause for age group 25–44 (8.2%), and the second leading cause for age group 45–64 (17.8%).

COVID-19 remained the third leading cause for the total population in 2021, but its rank varied by age. COVID-19 was the second leading cause of death for age group 25–44 (10.7% of deaths) and the third leading cause for age groups 45–64 (15.9%), 65 and older (11.3%), and 85 and older (8.6%). COVID-19 ranked fifth for age group 10–24 (3.5%) and sixth for age group 1–9 (1.9%). Consequently, COVID-19 ranked the highest for age group 25–44, but the largest relative burden of deaths from COVID-19 was for those ages 45–64.

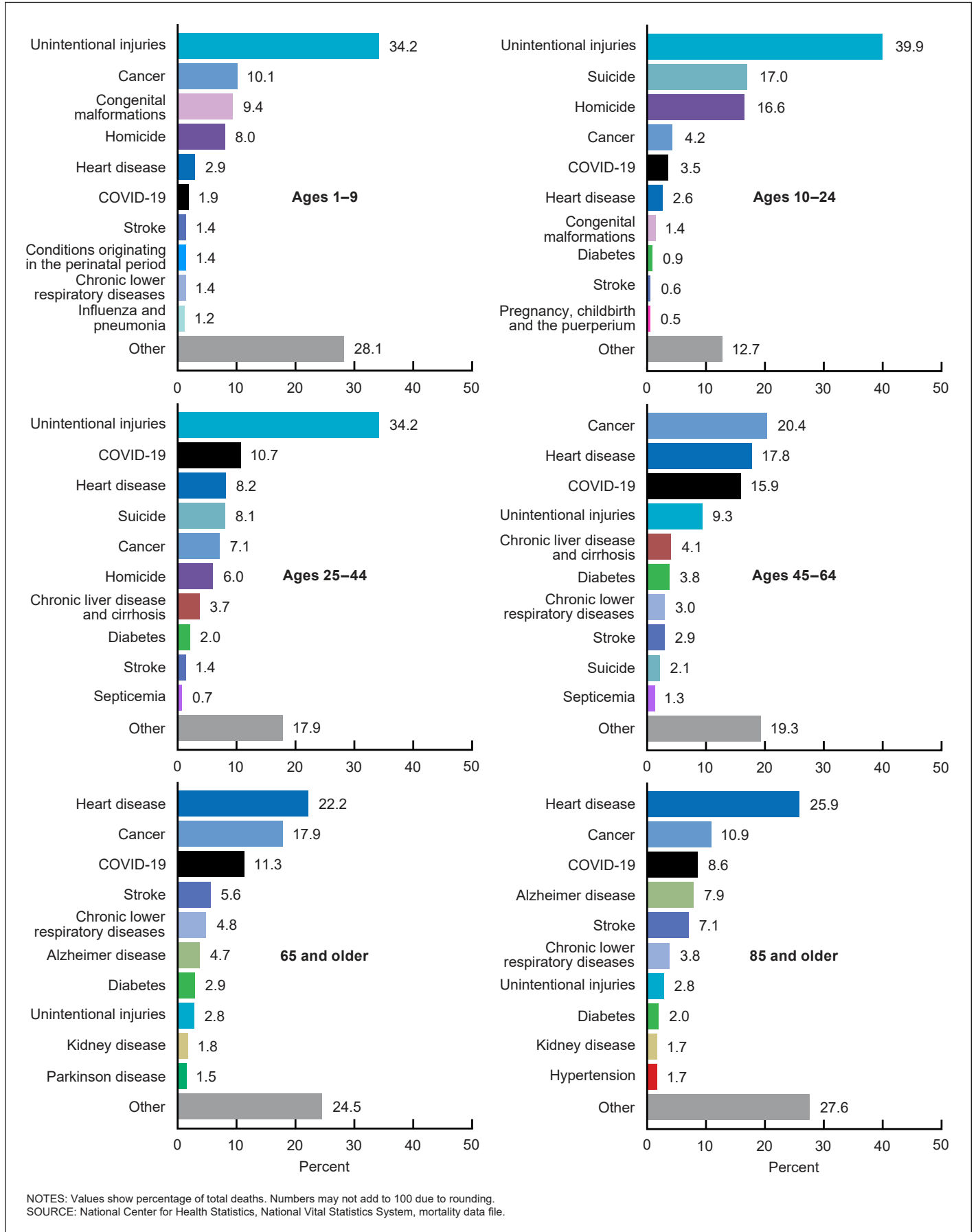
Stroke also ranked in the 10 leading causes for all age groups, although its rank and burden of mortality were higher at older ages. Stroke ranked fourth for those age 65 and older (5.6%) and fifth for those age 85 and older (7.1%). Stroke ranked between seventh and ninth for age groups 1–64.

Diabetes was among the 10 leading causes of death for all age groups except 1–9, with the highest rank and burden of disease for those ages 45–64 (sixth, 3.8% of deaths). Chronic lower respiratory disease ranked in the 10 leading causes for all age groups except 10–24 and 25–44, with its highest rank of fifth for age group 65 and older (4.8%).

For the population ages 10–64, suicide was among the 10 leading causes of death: Suicide was the second leading cause of death for age group 10–24 (17.0% of deaths), the fourth leading cause for age group 25–44 (8.1%), and the ninth leading cause for age group 45–64 (2.1%). Homicide was among the 10 leading causes of death for the population ages 1–44, ranking fourth for age group 1–9 (8.0% of deaths), third for age group 10–24 (16.6%), and sixth for age group 25–44 (6.0%).

Some causes of death were concentrated to just a few age groups. Congenital malformations, deformations and chromosomal abnormalities (congenital malformations) was

Figure 2. Percent distribution of the 10 leading causes of death, by age group: United States, 2021



the third leading cause for age group 1–9 (9.4% of deaths) and the seventh leading cause for age group 10–24 (1.4%), but it was not among the 10 leading causes for the population age 25 and older. For the population ages 25–44 and 45–64, liver disease was ranked seventh (3.7% of deaths) and fifth (4.1%) respectively, but was not among the 10 leading causes of death for all other age groups. Additionally, Septicemia was ranked 10th for these two age groups but not ranked among the others.

Alzheimer disease was one of the leading causes of death at the oldest ages, ranking fourth for those age 85 and older (7.9% of deaths) and sixth for those age 65 and older (4.7%). It was not one of the 10 leading causes for the population age 64 and younger. Kidney disease was also only among the 10 leading causes for the two oldest age groups, ranking ninth for those age 65 and older (1.8%) and 85 and older (1.7%).

Some notable changes in ranking were observed from 2020 to 2021 for some of the age groups. COVID-19 increased its rank for all age groups younger than 45 but either remained unchanged or dropped its rank for age groups 45 and older. For those ages 1–9, COVID-19 entered the 10 leading causes for the first time in 2021 (ranked sixth). For those ages 10–24, COVID-19 increased its rank from seventh in 2020 to fifth in 2021, and for those ages 25–44, COVID-19 increased its rank from sixth to second. For people ages 45–64 and 65 and older, COVID-19 retained its rank as the third leading cause of death in 2021. For the oldest population, those age 85 and older, COVID-19 dropped from the second to third leading cause from 2020 to 2021.

Influenza and pneumonia ranked among the 10 leading causes of death for all age groups in 2020 but dropped from the top 10 in 2021 for all groups except 1–9, where it ranked 10th.

Differences by race and Hispanic origin

Table D shows variation across six race and Hispanic-origin groups in the 10 leading causes of death in 2021. Deaths for the Hispanic population and for non-Hispanic populations other than White and Black are underreported to varying degrees on the death certificate (5,16). The six groups shared seven of the leading causes but had different relative disease burdens. COVID-19 was the leading cause of death for American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander, and Hispanic people, who had the largest burden of mortality from COVID-19 of any group (21.7% of all deaths). COVID-19 ranked third for the Black and White populations behind heart disease, the first leading cause of death, and cancer, the second leading cause. COVID-19 also ranked third for the Asian population behind cancer, the first leading cause, and heart disease, the second leading cause. White people had the smallest burden of mortality from COVID-19, accounting for 10.6% of all deaths.

The burden of mortality from heart disease was relatively similar for the two groups for which it was the leading cause: 20.8% in the White population and 20.1% in the Black population (Table D). Among the six race and Hispanic-origin groups, heart disease accounted for the smallest percentage of deaths for the American Indian and Alaska Native population (13.9%).

Asian people were the only group that had cancer as the first leading cause and had the highest burden of mortality from cancer of any group, accounting for 20.8% of all deaths. American

Indian and Alaska Native people had the lowest percentage of deaths due to cancer of all groups, at 11.7%.

Unintentional injuries ranked fourth for the American Indian and Alaska Native (11.0% of deaths), Black (7.5%), Native Hawaiian and Other Pacific Islander (6.2%), White (6.0%), and Hispanic (8.6%) populations. Unintentional injuries ranked fifth for the Asian population (4.1%).

Stroke, diabetes, and Chronic lower respiratory diseases also ranked among the top 10 causes of death for each race and Hispanic-origin group. Stroke ranked fourth for the Asian population (7.0% of deaths), fifth for the Black (5.1%) and Hispanic (4.4%) populations, sixth for the Native Hawaiian and Other Pacific Islander (4.7%) and White (4.6%) populations, and eighth for the American Indian and Alaska Native population (3.0%).

Diabetes ranked fifth for the Native Hawaiian and Other Pacific Islander population; sixth for the Asian, American Indian and Alaska Native, Black, and Hispanic populations; and eighth for the White population. The percentage of deaths attributable to diabetes was highest for the Native Hawaiian and Other Pacific Islander population (6.0% of deaths) and lowest for the White population (2.6%). Chronic lower respiratory diseases ranked fifth for the White population, seventh for the American Indian and Alaska Native population, eighth for the Native Hawaiian and Other Pacific Islander and Black populations, and ninth for the Asian and Hispanic populations. The percentage of all deaths attributable to Chronic lower respiratory diseases ranged from 4.8% for White people to 1.7% for Hispanic and Native Hawaiian and Other Pacific Islander people.

Some of the leading causes were shared by some groups but not by others. Alzheimer disease ranked 7th for the Asian, White, and Hispanic populations, 9th for the Native Hawaiian and Other Pacific Islander populations, and 10th for the Black population, but it was not one of the 10 leading causes of death in 2021 for the American Indian and Alaska Native population. Similarly, kidney disease ranked 7th for the Native Hawaiian and Other Pacific Islander population and either 9th or 10th for all groups except the White population, where it was not one of the 10 leading causes of death. Suicide was among the top 10 only for American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander, and White people. Essential hypertension ranked among the top 10 only for Asian people, and homicide only for Black people.

All groups experienced changes in the leading-cause rankings from 2020 to 2021 (17). The only group to experience a change in the top leading cause was Native Hawaiian and Other Pacific Islander people (COVID-19 in 2021, moving up from third in 2020). One of the more notable changes in cause-of-death rankings from 2020 to 2021 was for Influenza and pneumonia, which ranked among the top 10 for all groups except for Black people in 2020, but fell out of the top 10 for all groups in 2021.

Leading causes of infant death

The leading cause of infant death in 2021 was congenital malformations, which accounted for 19.9% of all infant deaths (Table E). The second leading cause was Disorders related to short gestation and low birth weight, not elsewhere classified (low

Table D. Deaths and percentage of total deaths for the 10 leading causes of death, by race and Hispanic origin: United States, 2021

[Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than White non-Hispanic and Black non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Cause of death (based on ICD-10)	Non-Hispanic, single race																	
	Hispanic			American Indian and Alaska Native			Asian			Black			Native Hawaiian and Other Pacific Islander			White		
	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	Rank ¹	Deaths	Percent of total deaths	Rank ¹	Deaths	Percent of total deaths
All causes.....	...	315,664	100.0	...	26,972	100.0	...	92,432	100.0	...	449,764	100.0	...	5,223	100.0	...	2,548,809	100.0
COVID-19..... (U07.1)	1	68,656	21.7	1	4,624	17.1	3	12,757	13.8	3	55,994	12.4	1	1087	20.8	3	271,253	10.6
Diseases of heart..... (I00-I09,I11,I13,I20-I51)	2	47,345	15.0	2	3,760	13.9	2	17,009	18.4	1	90,507	20.1	2	1002	19.2	1	531,162	20.8
Malignant neoplasms..... (C00-C97)	3	45,544	14.4	3	3,162	11.7	1	19,271	20.8	2	70,036	15.6	3	840	16.1	2	462,601	18.1
Accidents (unintentional injuries)..... (V01-X59,Y85-Y86)	4	27,126	8.6	4	2,965	11.0	5	3,768	4.1	4	33,830	7.5	4	322	6.2	4	153,897	6.0
Cerebrovascular diseases..... (I60-I69)	5	13,776	4.4	8	799	3.0	4	6,428	7.0	5	22,837	5.1	6	247	4.7	6	117,809	4.6
Diabetes mellitus..... (E10-E14)	6	12,489	4.0	6	1,269	4.7	6	3,639	3.9	6	18,968	4.2	5	314	6.0	8	65,789	2.6
Alzheimer disease..... (G30)	7	9,142	2.9	11	370	1.4	7	3,203	3.5	10	9,638	2.1	9	85	1.6	7	96,522	3.8
Chronic liver disease and cirrhosis..... (K70,K73-K74)	8	8,864	2.8	5	1,899	7.0	15	881	1.0	14	4,524	1.0	14	51	1.0	9	39,824	1.6
Chronic lower respiratory diseases..... (J40-J47)	9	5,479	1.7	7	825	3.1	9	1,754	1.9	8	11,218	2.5	8	90	1.7	5	122,054	4.8
Nephritis, nephrotic syndrome and nephrosis..... (N00-N07,N17-N19,N25-N27)	10	5,021	1.6	10	395	1.5	10	1,639	1.8	9	10,434	2.3	7	117	2.2	11	36,444	1.4
Intentional self-harm (suicide)..... (*U03,X60-X84,Y87.0)	11	4,907	1.6	9	692	2.6	12	1,379	1.5	15	3,692	0.8	10	82	1.6	10	36,681	1.4
Assault (homicide)..... (*U01-*U02,X85-Y09,Y87.1)	12	4,453	1.4	13	307	1.1	21	313	0.3	7	14,313	3.2	15	46	0.9	20	6,215	0.2
Essential hypertension..... (I10,I12,I15)	13	3,718	1.2	15	256	0.9	8	1,828	2.0	11	7,868	1.7	11	65	1.2	15	28,798	1.1

... 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.

NOTE: For the race and Hispanic-origin categories shown, only one race was reported on the death certificate.

SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data system.

Table E. Deaths and percentage of total deaths for the 10 leading causes of infant death: United States, 2021 and 2020

Cause of death (based on <i>International Classification of Diseases, 10th Revision</i>)	2021			2020		
	Rank ¹	Deaths	Percent of total deaths	Rank ¹	Deaths	Percent of total deaths
All causes . . . . .	...	19,920	100.0	...	19,582	100.0
Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1	3,963	19.9	1	4,043	20.6
Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	2	2,946	14.8	2	3,141	16.0
Sudden infant death syndrome (R95)	3	1,459	7.3	3	1,389	7.1
Accidents (unintentional injuries) (V01–X59)	4	1,306	6.6	4	1,194	6.1
Newborn affected by maternal complications of pregnancy (P01)	5	1,113	5.6	5	1,116	5.7
Newborn affected by complications of placenta, cord and membranes (P02)	6	672	3.4	6	700	3.6
Bacterial sepsis of newborn (P36)	7	557	2.8	7	542	2.8
Respiratory distress of newborn (P22)	8	414	2.1	8	388	2.0
Diseases of the circulatory system (I00–I99)	9	402	2.0	9	386	2.0
Intrauterine hypoxia and birth asphyxia (P20–P21)	10	358	1.8	11	307	1.6
Neonatal hemorrhage (P50–P52,P54)	11	342	1.7	10	317	1.6

... 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 years.

SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data file.

birth weight) (14.8% of deaths). Sudden infant death syndrome ranked third and accounted for 7.3% of deaths. Unintentional injuries was the fourth leading cause (6.6% of deaths), and Newborn affected by maternal complications of pregnancy (maternal complications) was the fifth leading cause (5.6%). In 2021, more than one-half of infant deaths were attributable to these five leading causes (54.2%). Other leading causes in 2021 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 Intrauterine hypoxia and birth asphyxia (10th). Together, these 10 leading causes of infant death accounted for nearly two-thirds of all infant deaths (66.3%).

The only change in the ranked order of the leading causes of death for infants in 2021 from 2020 (18) was that Intrauterine hypoxia and birth asphyxia moved up to become the 10th leading cause of death. Neonatal hemorrhage dropped out of the 10 leading causes.

Neonatal and postneonatal mortality

Differences were evident when comparing leading causes of death in the neonatal (younger than 28 days after birth) and postneonatal (from 28 days through 11 months after birth) periods (Table F). Low birth weight was the leading cause of neonatal death in 2021. In contrast, Sudden infant death syndrome was the leading cause of postneonatal death. Congenital malformations ranked second for neonates and third for postneonates. The remaining leading causes of neonatal death were characterized by conditions occurring in the perinatal period (around the time of birth), while in the postneonatal period the remaining leading causes included several conditions prevalent among the general population. These included unintentional injuries, ranked second; homicide, ranked fifth; Influenza and pneumonia, ranked seventh; and Septicemia, ranked ninth.

The ranked order of 2 of the 10 leading causes of neonatal death changed in 2021 compared with 2020 (18): Intrauterine

hypoxia and birth asphyxia and Neonatal hemorrhage switched places, ranking seventh and eighth in 2021. The rankings for 2 of the 10 leading causes of postneonatal death changed in 2021: Unintentional injuries and Congenital malformations swapped places, ranking second and third in 2021.

Differences in infant mortality by race and Hispanic origin, including neonatal and postneonatal mortality, are detailed in Table 2. However, these differences 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 (16,17,19–22). Consequently, readers are directed to a report using data from the linked file of live births and infant deaths for better measures of infant mortality by race and Hispanic origin (23).

Discussion

Changes in leading causes of death for some demographic groups were observed from 2020 to 2021. Heart disease, cancer, and COVID-19 remained in the top three leading causes for all race and Hispanic-origin groups, but only Native Hawaiian and Other Pacific Islander people experienced a change in ranking for these causes—COVID-19 moved up in 2021 to the top leading cause. COVID-19 increased its rank in 2021 compared with 2020 for all age groups younger than 45 but remained unchanged or declined its rank for age groups 45 and older. For the total population, Influenza and pneumonia dropped out of the 10 leading causes in 2021 after ranking ninth in 2020. This was a pervasive change because it had ranked in the top 10 for all race and Hispanic-origin groups except for Black people in 2020 but was not in the top 10 for any group in 2021.

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 standard method of presenting mortality statistics and is a useful tool for illustrating the relative burden of cause-specific mortality, but it must be used cautiously with a clear

Table F. Deaths and percentage of total deaths for the 10 leading causes of neonatal and postneonatal deaths: United States, 2021

[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, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10)	Deaths	Percent of total deaths
Neonatal			
...	All causes	12,768	100.0
1	Disorders related to short gestation and low birth weight, not elsewhere classified	2,878	22.5
2	Congenital malformations, deformations and chromosomal abnormalities	2,822	22.1
3	Newborn affected by maternal complications of pregnancy	1,104	8.6
4	Newborn affected by complications of placenta, cord and membranes	654	5.1
5	Bacterial sepsis of newborn	538	4.2
6	Respiratory distress of newborn	401	3.1
7	Intrauterine hypoxia and birth asphyxia	347	2.7
8	Neonatal hemorrhage	333	2.6
9	Necrotizing enterocolitis of newborn	267	2.1
10	Atelectasis	225	1.8
...	All other causes	3,199	25.1
Postneonatal			
...	All causes	7,152	100.0
1	Sudden infant death syndrome	1,304	18.2
2	Accidents (unintentional injuries)	1,182	16.5
3	Congenital malformations, deformations and chromosomal abnormalities	1,141	16.0
4	Diseases of the circulatory system	319	4.5
5	Assault (homicide)	246	3.4
6	Diarrhea and gastroenteritis of infectious origin	154	2.2
7	Influenza and pneumonia	125	1.7
8	Chronic respiratory disease originating in the perinatal period	122	1.7
9	Septicemia	113	1.6
10	Disorders related to short gestation and low birth weight, not elsewhere classified	68	1.0
...	All other causes	2,378	33.2

... Category not applicable.

¹Based on number of deaths.

SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data file.

understanding of the limitations underlying the method.

When comparing rankings across demographic groups or over time, note the age distribution of the populations being compared. Leading causes of death for populations with younger age distributions will tend to show higher rankings for causes of death that are prevalent among the younger people, such as suicide, homicide, and unintentional injuries. Leading causes for older populations will tend to show higher rankings for causes that are more prevalent among older people, such as Alzheimer disease, heart disease, cancer, and stroke. Also, the changes to race and ethnicity classification starting in 2018 should be noted when analyzing changes in rank over time by race and Hispanic origin (4,18).

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, be aware that differences in relative rankings may be attributable to random variability.

Because the ranked 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 and 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 (1,2,5,8) provide this needed structure.

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Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races and origins, both sexes, all ages ⁴				
...	All causes.....	3,464,231	100.0	1,043.8
1	Diseases of heart..... (I00-I09,I11,I13,I20-I51)	695,547	20.1	209.6
2	Malignant neoplasms..... (C00-C97)	605,213	17.5	182.4
3	COVID-19..... (U07.1)	416,893	12.0	125.6
4	Accidents (unintentional injuries)..... (V01-X59,Y85-Y86)	224,935	6.5	67.8
5	Cerebrovascular diseases..... (I60-I69)	162,890	4.7	49.1
6	Chronic lower respiratory diseases..... (J40-J47)	142,342	4.1	42.9
7	Alzheimer disease..... (G30)	119,399	3.4	36.0
8	Diabetes mellitus..... (E10-E149)	103,294	3.0	31.1
9	Chronic liver disease and cirrhosis..... (K70,K73-K74)	56,585	1.6	17.0
10	Nephritis, nephrotic syndrome and nephrosis..... (N00-N07,N17-N19,N25-N27)	54,358	1.6	16.4
...	All other causes..... (residual)	882,775	25.5	266.0
All races and origins, both sexes, 1-4 years				
...	All causes.....	3,816	100.0	25.0
1	Accidents (unintentional injuries)..... (V01-X59,Y85-Y86)	1,299	34.0	8.5
2	Congenital malformations, deformations and chromosomal abnormalities..... (Q00-Q99)	412	10.8	2.7
3	Assault (homicide)..... (*U01-*U02.9,X85-Y09,Y87.1)	309	8.1	2.0
4	Malignant neoplasms..... (C00-C97)	282	7.4	1.8
5	Diseases of heart..... (I00-I09,I11,I13,I20-I51)	116	3.0	0.8
6	Certain conditions originating in the perinatal period..... (P00-P96)	68	1.8	0.4
7	Cerebrovascular diseases..... (I60-I69)	55	1.4	0.4
8	COVID-19..... (U07.1)	54	1.4	0.4
9	Influenza and pneumonia..... (J09-J18)	47	1.2	0.3
10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior..... (D00-D48)	37	1.0	0.2
...	All other causes..... (residual)	1,137	29.8	7.4
All races and origins, both sexes, 5-9 years				
...	All causes.....	2,406	100.0	11.9
1	Accidents (unintentional injuries)..... (V01-X59,Y85-Y86)	827	34.4	4.1
2	Malignant neoplasms..... (C00-C97)	347	14.4	1.7
3	Assault (homicide)..... (*U01-*U02.9,X85-Y09,Y87.1)	188	7.8	0.9
4	Congenital malformations, deformations and chromosomal abnormalities..... (Q00-Q99)	171	7.1	0.8
5	Diseases of heart..... (I00-I09,I11,I13,I20-I51)	66	2.7	0.3
6	COVID-19..... (U07.1)	63	2.6	0.3
7	Chronic lower respiratory diseases..... (J40-J47)	54	2.2	0.3
8	Cerebrovascular diseases..... (I60-I69)	35	1.5	0.2
9	Septicemia..... (A40-A41)	28	1.2	0.1
10	Influenza and pneumonia..... (J09-J18)	27	1.1	0.1
...	All other causes..... (residual)	600	24.9	3.0
All races and origins, both sexes, 10-14 years				
...	All causes.....	3,569	100.0	16.6
1	Accidents (unintentional injuries)..... (V01-X59,Y85-Y86)	915	25.6	4.3
2	Intentional self-harm (suicide)..... (*U03,X60-X84,Y87.0)	598	16.8	2.8
3	Malignant neoplasms..... (C00-C97)	449	12.6	2.1
4	Assault (homicide)..... (*U01-*U02.9,X85-Y09,Y87.1)	298	8.3	1.4
5	Congenital malformations, deformations and chromosomal abnormalities..... (Q00-Q99)	179	5.0	0.8
6	Diseases of heart..... (I00-I09,I11,I13,I20-I51)	132	3.7	0.6
7	COVID-19..... (U07.1)	79	2.2	0.4
8	Cerebrovascular diseases..... (I60-I69)	53	1.5	0.2
9	Chronic lower respiratory diseases..... (J40-J47)	45	1.3	0.2
10	Diabetes mellitus..... (E10-E149)	39	1.1	0.2
...	All other causes..... (residual)	782	21.9	3.6

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races and origins, both sexes, 15–19 years				
...	All causes	13,407	100.0	62.2
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	5,084	37.9	23.6
2	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	2,758	20.6	12.8
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	2,343	17.5	10.9
4	Malignant neoplasms (C00–C97)	592	4.4	2.7
5	COVID-19 (U07.1)	351	2.6	1.6
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	325	2.4	1.5
7	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	202	1.5	0.9
8	Diabetes mellitus (E10–E149)	107	0.8	0.5
9	Cerebrovascular diseases (I60–I69)	72	0.5	0.3
10	Chronic lower respiratory diseases (J40–J47)	61	0.5	0.3
...	All other causes (residual)	1,512	11.3	7.0
All races and origins, both sexes, 20–24 years				
...	All causes	24,900	100.0	115.7
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	10,708	43.0	49.7
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	4,185	16.8	19.4
3	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	3,877	15.6	18.0
4	COVID-19 (U07.1)	1,050	4.2	4.9
5	Malignant neoplasms (C00–C97)	731	2.9	3.4
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	619	2.5	2.9
7	Diabetes mellitus (E10–E149)	238	1.0	1.1
8	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	217	0.9	1.0
9	Pregnancy, childbirth and the puerperium (O00–O99)	180	0.7	0.8
10	Cerebrovascular diseases (I60–I69)	118	0.5	0.5
...	All other causes (residual)	2,977	12.0	13.8
All races and origins, both sexes, 25–34 years				
...	All causes	82,274	100.0	180.8
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	34,452	41.9	75.7
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	8,862	10.8	19.5
3	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	7,571	9.2	16.6
4	COVID-19 (U07.1)	6,133	7.5	13.5
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	4,155	5.1	9.1
6	Malignant neoplasms (C00–C97)	3,615	4.4	7.9
7	Chronic liver disease and cirrhosis (K70,K73–K74)	1,833	2.2	4.0
8	Diabetes mellitus (E10–E149)	1,285	1.6	2.8
9	Pregnancy, childbirth and the puerperium (O00–O99)	797	1.0	1.8
10	Cerebrovascular diseases (I60–I69)	624	0.8	1.4
...	All other causes (residual)	12,947	15.7	28.5
All races and origins, both sexes, 35–44 years				
...	All causes	124,939	100.0	287.9
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	36,444	29.2	84.0
2	COVID-19 (U07.1)	16,006	12.8	36.9
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	12,754	10.2	29.4
4	Malignant neoplasms (C00–C97)	11,194	9.0	25.8
5	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	7,862	6.3	18.1
6	Chronic liver disease and cirrhosis (K70,K73–K74)	5,833	4.7	13.4
7	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	4,863	3.9	11.2
8	Diabetes mellitus (E10–E149)	2,961	2.4	6.8
9	Cerebrovascular diseases (I60–I69)	2,189	1.8	5.0
10	Septicemia (A40–A41)	1,108	0.9	2.6
...	All other causes (residual)	23,725	19.0	54.7

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races and origins, both sexes, 45–54 years				
...	All causes	216,037	100.0	531.0
1	COVID-19 (U07.1)	36,881	17.1	90.6
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	34,535	16.0	84.9
3	Malignant neoplasms (C00–C97)	33,567	15.5	82.5
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	31,407	14.5	77.2
5	Chronic liver disease and cirrhosis (K70,K73–K74)	10,501	4.9	25.8
6	Diabetes mellitus (E10–E149)	7,597	3.5	18.7
7	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	7,401	3.4	18.2
8	Cerebrovascular diseases (I60–I69)	5,755	2.7	14.1
9	Chronic lower respiratory diseases (J40–J47)	3,174	1.5	7.8
10	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	2,768	1.3	6.8
...	All other causes (residual)	42,451	19.6	104.3
All races and origins, both sexes, 55–64 years				
...	All causes	478,171	100.0	1,117.1
1	Malignant neoplasms (C00–C97)	108,023	22.6	252.4
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	89,342	18.7	208.7
3	COVID-19 (U07.1)	73,725	15.4	172.2
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	33,471	7.0	78.2
5	Diabetes mellitus (E10–E149)	18,603	3.9	43.5
6	Chronic liver disease and cirrhosis (K70,K73–K74)	17,664	3.7	41.3
7	Chronic lower respiratory diseases (J40–J47)	17,620	3.7	41.2
8	Cerebrovascular diseases (I60–I69)	14,634	3.1	34.2
9	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	7,267	1.5	17.0
10	Septicemia (A40–A41)	6,477	1.4	15.1
...	All other causes (residual)	91,345	19.1	213.4
All races and origins, both sexes, 65 years and older				
...	All causes	2,494,699	100.0	4,466.9
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	553,214	22.2	990.6
2	Malignant neoplasms (C00–C97)	446,354	17.9	799.2
3	COVID-19 (U07.1)	282,457	11.3	505.8
4	Cerebrovascular diseases (I60–I69)	139,257	5.6	249.4
5	Chronic lower respiratory diseases (J40–J47)	120,152	4.8	215.1
6	Alzheimer disease (G30)	117,922	4.7	211.1
7	Diabetes mellitus (E10–E149)	72,451	2.9	129.7
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	69,003	2.8	123.6
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	44,013	1.8	78.8
10	Parkinson disease (G20–G21)	37,568	1.5	67.3
...	All other causes (residual)	612,308	24.5	1,096.4
All races and origins, both sexes, 65–74 years				
...	All causes	724,266	100.0	2,151.3
1	Malignant neoplasms (C00–C97)	179,145	24.7	532.1
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	140,250	19.4	416.6
3	COVID-19 (U07.1)	102,716	14.2	305.1
4	Chronic lower respiratory diseases (J40–J47)	37,932	5.2	112.7
5	Cerebrovascular diseases (I60–I69)	28,327	3.9	84.1
6	Diabetes mellitus (E10–E149)	27,945	3.9	83.0
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	21,797	3.0	64.7
8	Chronic liver disease and cirrhosis (K70,K73–K74)	12,934	1.8	38.4
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	12,245	1.7	36.4
10	Septicemia (A40–A41)	10,466	1.4	31.1
...	All other causes (residual)	150,509	20.8	447.1

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races and origins, both sexes, 75–84 years				
...	All causes	829,653	100.0	5,119.4
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	169,231	20.4	1,044.2
2	Malignant neoplasms (C00–C97)	164,850	19.9	1,017.2
3	COVID-19 (U07.1)	98,807	11.9	609.7
4	Chronic lower respiratory diseases (J40–J47)	46,328	5.6	285.9
5	Cerebrovascular diseases (I60–I69)	44,533	5.4	274.8
6	Alzheimer disease (G30)	34,724	4.2	214.3
7	Diabetes mellitus (E10–E149)	25,989	3.1	160.4
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	20,557	2.5	126.8
9	Parkinson disease (G20–G21)	16,615	2.0	102.5
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	15,569	1.9	96.1
...	All other causes (residual)	192,450	23.2	1,187.5
All races and origins, both sexes, 85 years and older				
...	All causes	940,780	100.0	15,743.3
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	243,733	25.9	4,078.7
2	Malignant neoplasms (C00–C97)	102,359	10.9	1,712.9
3	COVID-19 (U07.1)	80,934	8.6	1,354.4
4	Alzheimer disease (G30)	74,312	7.9	1,243.6
5	Cerebrovascular diseases (I60–I69)	66,397	7.1	1,111.1
6	Chronic lower respiratory diseases (J40–J47)	35,892	3.8	600.6
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	26,649	2.8	446.0
8	Diabetes mellitus (E10–E149)	18,517	2.0	309.9
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	16,199	1.7	271.1
10	"Essential hypertension and hypertensive renal disease (I10,I12,I15)"	16,185	1.7	270.8
...	All other causes (residual)	259,603	27.6	4,344.3
All races and origins, male, all ages ⁴				
...	All causes	1,838,108	100.0	1,118.2
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	384,886	20.9	234.1
2	Malignant neoplasms (C00–C97)	318,670	17.3	193.9
3	COVID-19 (U07.1)	236,610	12.9	143.9
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	149,602	8.1	91.0
5	Cerebrovascular diseases (I60–I69)	70,852	3.9	43.1
6	Chronic lower respiratory diseases (J40–J47)	67,528	3.7	41.1
7	Diabetes mellitus (E10–E149)	58,628	3.2	35.7
8	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	38,358	2.1	23.3
9	Alzheimer disease (G30)	36,975	2.0	22.5
10	Chronic liver disease and cirrhosis (K70,K73–K74)	35,707	1.9	21.7
...	All other causes (residual)	440,292	24.0	267.8
All races and origins, male, 1–4 years				
...	All causes	2,105	100.0	27.0
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	766	36.4	9.8
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	195	9.3	2.5
3	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	185	8.8	2.4
4	Malignant neoplasms (C00–C97)	155	7.4	2.0
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	54	2.6	0.7
6	Certain conditions originating in the perinatal period (P00–P96)	39	1.9	0.5
7	COVID-19 (U07.1)	28	1.3	0.4
8	Cerebrovascular diseases (I60–I69)	27	1.3	0.3
9	Septicemia (A40–A41)	23	1.1	0.3
10	Influenza and pneumonia (J09–J18)	21	1.0	0.3
10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	21	1.0	0.3
...	All other causes (residual)	591	28.1	7.6

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races and origins, male, 5–9 years				
...	All causes.	1,375	100.0	13.3
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	502	36.5	4.8
2	Malignant neoplasms. (C00–C97)	188	13.7	1.8
3	Assault (homicide). (*U01–*U02.9,X85–Y09,Y87.1)	106	7.7	1.0
4	Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99)	87	6.3	0.8
5	COVID-19. (U07.1)	39	2.8	0.4
6	Chronic lower respiratory diseases. (J40–J47)	35	2.5	0.3
7	Diseases of heart. (I00–I09,I11,I13,I20–I51)	28	2.0	0.3
8	Cerebrovascular diseases. (I60–I69)	21	1.5	0.2
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior. (D00–D48)	16	1.2	*
10	Septicemia. (A40–A41)	15	1.1	*
10	Influenza and pneumonia. (J09–J18)	15	1.1	*
...	All other causes. (residual)	323	23.5	3.1
All races and origins, male, 10–14 years				
...	All causes.	2,119	100.0	19.3
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	590	27.8	5.4
2	Intentional self-harm (suicide). (*U03,X60–X84,Y87.0)	357	16.8	3.2
3	Malignant neoplasms. (C00–C97)	257	12.1	2.3
4	Assault (homicide). (*U01–*U02.9,X85–Y09,Y87.1)	210	9.9	1.9
5	Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99)	97	4.6	0.9
6	Diseases of heart. (I00–I09,I11,I13,I20–I51)	84	4.0	0.8
7	COVID-19. (U07.1)	41	1.9	0.4
8	Chronic lower respiratory diseases. (J40–J47)	29	1.4	0.3
9	Cerebrovascular diseases. (I60–I69)	24	1.1	0.2
10	Diabetes mellitus. (E10–E149)	18	0.8	*
...	All other causes. (residual)	412	19.4	3.7
All races and origins, male, 15–19 years				
...	All causes.	9,704	100.0	88.0
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	3,572	36.8	32.4
2	Assault (homicide). (*U01–*U02.9,X85–Y09,Y87.1)	2,383	24.6	21.6
3	Intentional self-harm (suicide). (*U03,X60–X84,Y87.0)	1,780	18.3	16.1
4	Malignant neoplasms. (C00–C97)	385	4.0	3.5
5	COVID-19. (U07.1)	215	2.2	2.0
6	Diseases of heart. (I00–I09,I11,I13,I20–I51)	212	2.2	1.9
7	Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99)	118	1.2	1.1
8	Diabetes mellitus. (E10–E149)	63	0.6	0.6
9	Cerebrovascular diseases. (I60–I69)	41	0.4	0.4
10	Chronic lower respiratory diseases. (J40–J47)	31	0.3	0.3
...	All other causes. (residual)	904	9.3	8.2
All races and origins, male, 20–24 years				
...	All causes.	18,207	100.0	165.9
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	7,741	42.5	70.5
2	Intentional self-harm (suicide). (*U03,X60–X84,Y87.0)	3,463	19.0	31.6
3	Assault (homicide). (*U01–*U02.9,X85–Y09,Y87.1)	3,322	18.2	30.3
4	COVID-19. (U07.1)	624	3.4	5.7
5	Malignant neoplasms. (C00–C97)	446	2.4	4.1
6	Diseases of heart. (I00–I09,I11,I13,I20–I51)	406	2.2	3.7
7	Diabetes mellitus. (E10–E149)	152	0.8	1.4
8	Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99)	124	0.7	1.1
9	Legal intervention. (Y35,Y89.0)	73	0.4	0.7
10	Cerebrovascular diseases. (I60–I69)	67	0.4	0.6
...	All other causes. (residual)	1,789	9.8	16.3

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races and origins, male, 25–34 years				
...	All causes	57,910	100.0	251.2
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	25,474	44.0	110.5
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	7,223	12.5	31.3
3	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	6,366	11.0	27.6
4	COVID-19 (U07.1)	3,873	6.7	16.8
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	2,739	4.7	11.9
6	Malignant neoplasms (C00–C97)	1,763	3.0	7.6
7	Chronic liver disease and cirrhosis (K70,K73–K74)	1,129	1.9	4.9
8	Diabetes mellitus (E10–E149)	779	1.3	3.4
9	Human immunodeficiency virus (HIV) disease (B20–B24)	411	0.7	1.8
10	Cerebrovascular diseases (I60–I69)	374	0.6	1.6
...	All other causes (residual)	7,779	13.4	33.7
All races and origins, male, 35–44 years				
...	All causes	81,589	100.0	373.3
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	26,339	32.3	120.5
2	COVID-19 (U07.1)	9,943	12.2	45.5
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	8,802	10.8	40.3
4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	6,237	7.6	28.5
5	Malignant neoplasms (C00–C97)	4,798	5.9	22.0
6	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	3,966	4.9	18.1
7	Chronic liver disease and cirrhosis (K70,K73–K74)	3,704	4.5	16.9
8	Diabetes mellitus (E10–E149)	1,850	2.3	8.5
9	Cerebrovascular diseases (I60–I69)	1,267	1.6	5.8
10	Septicemia (A40–A41)	603	0.7	2.8
...	All other causes (residual)	14,080	17.3	64.4
All races and origins, male, 45–54 years				
...	All causes	135,774	100.0	668.4
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	24,383	18.0	120.0
2	COVID-19 (U07.1)	23,420	17.2	115.3
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	22,438	16.5	110.5
4	Malignant neoplasms (C00–C97)	15,883	11.7	78.2
5	Chronic liver disease and cirrhosis (K70,K73–K74)	6,860	5.1	33.8
6	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	5,632	4.1	27.7
7	Diabetes mellitus (E10–E149)	4,870	3.6	24.0
8	Cerebrovascular diseases (I60–I69)	3,338	2.5	16.4
9	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	2,184	1.6	10.8
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	1,503	1.1	7.4
...	All other causes (residual)	25,263	18.6	124.4
All races and origins, male, 55–64 years				
...	All causes	292,961	100.0	1,397.5
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	62,139	21.2	296.4
2	Malignant neoplasms (C00–C97)	57,901	19.8	276.2
3	COVID-19 (U07.1)	44,822	15.3	213.8
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	23,951	8.2	114.3
5	Diabetes mellitus (E10–E149)	11,820	4.0	56.4
6	Chronic liver disease and cirrhosis (K70,K73–K74)	11,582	4.0	55.2
7	Chronic lower respiratory diseases (J40–J47)	8,761	3.0	41.8
8	Cerebrovascular diseases (I60–I69)	8,536	2.9	40.7
9	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	5,568	1.9	26.6
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	3,777	1.3	18.0
...	All other causes (residual)	54,104	18.5	258.1

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races and origins, male, 65 years and older				
...	All causes	1,225,385	100.0	4,860.0
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	285,874	23.3	1,133.8
2	Malignant neoplasms (C00–C97)	236,860	19.3	939.4
3	COVID-19 (U07.1)	153,558	12.5	609.0
4	Cerebrovascular diseases (I60–I69)	57,103	4.7	226.5
5	Chronic lower respiratory diseases (J40–J47)	56,518	4.6	224.2
6	Diabetes mellitus (E10–E149)	39,069	3.2	155.0
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	37,467	3.1	148.6
8	Alzheimer disease (G30)	36,386	3.0	144.3
9	Parkinson disease (G20–G21)	22,952	1.9	91.0
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	22,472	1.8	89.1
...	All other causes (residual)	277,126	22.6	1,099.1
All races and origins, male, 65–74 years				
...	All causes	418,941	100.0	2,640.0
1	Malignant neoplasms (C00–C97)	98,912	23.6	623.3
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	90,266	21.5	568.8
3	COVID-19 (U07.1)	9,930	14.3	377.7
4	Chronic lower respiratory diseases (J40–J47)	19,789	4.7	124.7
5	Diabetes mellitus (E10–E149)	16,656	4.0	105.0
6	Cerebrovascular diseases (I60–I69)	15,216	3.6	95.9
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	14,704	3.5	92.7
8	Chronic liver disease and cirrhosis (K70,K73–K74)	8,204	2.0	51.7
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	6,697	1.6	42.2
10	Septicemia (A40–A41)	5,435	1.3	34.2
...	All other causes (residual)	83,132	19.8	523.9
All races and origins, male, 75–84 years				
...	All causes	432,389	100.0	6,031.8
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	94,637	21.9	1,320.2
2	Malignant neoplasms (C00–C97)	87,999	20.4	1,227.6
3	COVID-19 (U07.1)	55,943	12.9	780.4
4	Chronic lower respiratory diseases (J40–J47)	22,157	5.1	309.1
5	Cerebrovascular diseases (I60–I69)	20,346	4.7	283.8
6	Diabetes mellitus (E10–E149)	14,205	3.3	198.2
7	Alzheimer disease (G30)	12,518	2.9	174.6
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	11,540	2.7	161.0
9	Parkinson disease (G20–G21)	10,570	2.4	147.5
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	8,204	1.9	114.4
...	All other causes (residual)	94,270	21.8	1,315.1
All races and origins, male, 85 years and older				
...	All causes	374,055	100.0	17,190.5
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	100,971	27.0	4,640.3
2	Malignant neoplasms (C00–C97)	49,949	13.4	2,295.5
3	COVID-19 (U07.1)	37,685	10.1	1,731.9
4	Cerebrovascular diseases (I60–I69)	21,541	5.8	990.0
5	Alzheimer disease (G30)	20,329	5.4	934.3
6	Chronic lower respiratory diseases (J40–J47)	14,572	3.9	669.7
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	11,223	3.0	515.8
8	Diabetes mellitus (E10–E149)	8,208	2.2	377.2
9	Parkinson disease (G20–G21)	8,188	2.2	376.3
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	7,571	2.0	347.9
...	All other causes (residual)	93,818	25.1	4,311.6

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races and origins, female, all ages ⁴				
...	All causes.....	1,626,123	100.0	970.8
1	Diseases of heart..... (I00-I09,I11,I13,I20-I51)	310,661	19.1	185.5
2	Malignant neoplasms..... (C00-C97)	286,543	17.6	171.1
3	COVID-19..... (U07.1)	180,283	11.1	107.6
4	Cerebrovascular diseases..... (I60-I69)	92,038	5.7	54.9
5	Alzheimer disease..... (G30)	82,424	5.1	49.2
6	Accidents (unintentional injuries)..... (V01-X59,Y85-Y86)	75,333	4.6	45.0
7	Chronic lower respiratory diseases..... (J40-J47)	74,814	4.6	44.7
8	Diabetes mellitus..... (E10-E149)	44,666	2.7	26.7
9	Nephritis, nephrotic syndrome and nephrosis..... (N00-N07,N17-N19,N25-N27)	25,769	1.6	15.4
10	Essential hypertension and hypertensive renal disease..... (I10,I12,I15)	22,730	1.4	13.6
...	All other causes..... (residual)	430,862	26.5	257.2
All races and origins, female, 1-4 years				
...	All causes.....	1,711	100.0	22.9
1	Accidents (unintentional injuries)..... (V01-X59,Y85-Y86)	533	31.2	7.1
2	Congenital malformations, deformations and chromosomal abnormalities..... (Q00-Q99)	217	12.7	2.9
3	Malignant neoplasms..... (C00-C97)	127	7.4	1.7
4	Assault (homicide)..... (*U01-*U02.9,X85-Y09,Y87.1)	124	7.2	1.7
5	Diseases of heart..... (I00-I09,I11,I13,I20-I51)	62	3.6	0.8
6	Certain conditions originating in the perinatal period..... (P00-P96)	29	1.7	0.4
7	Cerebrovascular diseases..... (I60-I69)	28	1.6	0.4
8	Influenza and pneumonia..... (J09-J18)	26	1.5	0.3
8	COVID-19..... (U07.1)	26	1.5	0.3
10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior..... (D00-D48)	16	0.9	*
...	All other causes..... (residual)	523	30.6	7.0
All races and origins, female, 5-9 years				
...	All causes.....	1,031	100.0	10.4
1	Accidents (unintentional injuries)..... (V01-X59,Y85-Y86)	325	31.5	3.3
2	Malignant neoplasms..... (C00-C97)	159	15.4	1.6
3	Congenital malformations, deformations and chromosomal abnormalities..... (Q00-Q99)	84	8.1	0.8
4	Assault (homicide)..... (*U01-*U02.9,X85-Y09,Y87.1)	82	8.0	0.8
5	Diseases of heart..... (I00-I09,I11,I13,I20-I51)	38	3.7	0.4
6	COVID-19..... (U07.1)	24	2.3	0.2
7	Chronic lower respiratory diseases..... (J40-J47)	19	1.8	*
8	Cerebrovascular diseases..... (I60-I69)	14	1.4	*
9	Septicemia..... (A40-A41)	13	1.3	*
10	Influenza and pneumonia..... (J09-J18)	12	1.2	*
...	All other causes..... (residual)	261	25.3	2.6
All races and origins, female, 10-14 years				
...	All causes.....	1,450	100.0	13.9
1	Accidents (unintentional injuries)..... (V01-X59,Y85-Y86)	325	22.4	3.1
2	Intentional self-harm (suicide)..... (*U03,X60-X84,Y87.0)	241	16.6	2.3
3	Malignant neoplasms..... (C00-C97)	192	13.2	1.8
4	Assault (homicide)..... (*U01-*U02.9,X85-Y09,Y87.1)	88	6.1	0.8
5	Congenital malformations, deformations and chromosomal abnormalities..... (Q00-Q99)	82	5.7	0.8
6	Diseases of heart..... (I00-I09,I11,I13,I20-I51)	48	3.3	0.5
7	COVID-19..... (U07.1)	38	2.6	0.4
8	Cerebrovascular diseases..... (I60-I69)	29	2.0	0.3
9	Diabetes mellitus..... (E10-E149)	21	1.4	0.2
10	Chronic lower respiratory diseases..... (J40-J47)	16	1.1	*
...	All other causes..... (residual)	370	25.5	3.5

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races and origins, female, 15–19 years				
...	All causes	3,703	100.0	35.1
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,512	40.8	14.3
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	563	15.2	5.3
3	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	375	10.1	3.6
4	Malignant neoplasms (C00–C97)	207	5.6	2.0
5	COVID-19 (U07.1)	136	3.7	1.3
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	113	3.1	1.1
7	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	84	2.3	0.8
8	Diabetes mellitus (E10–E149)	44	1.2	0.4
9	Pregnancy, childbirth and the puerperium (O00–O99)	34	0.9	0.3
10	Cerebrovascular diseases (I60–I69)	31	0.8	0.3
...	All other causes (residual)	604	16.3	5.7
All races and origins, female, 20–24 years				
...	All causes	6,693	100.0	63.4
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	2,967	44.3	28.1
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	722	10.8	6.8
3	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	555	8.3	5.3
4	COVID-19 (U07.1)	426	6.4	4.0
5	Malignant neoplasms (C00–C97)	285	4.3	2.7
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	213	3.2	2.0
7	Pregnancy, childbirth and the puerperium (O00–O99)	180	2.7	1.7
8	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	93	1.4	0.9
9	Diabetes mellitus (E10–E149)	86	1.3	0.8
10	Cerebrovascular diseases (I60–I69)	51	0.8	0.5
...	All other causes (residual)	1,115	16.7	10.6
All races and origins, female, 25–34 years				
...	All causes	24,364	100.0	108.6
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	8,978	36.8	40.0
2	COVID-19 (U07.1)	2,260	9.3	10.1
3	Malignant neoplasms (C00–C97)	1,852	7.6	8.3
4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1,639	6.7	7.3
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,416	5.8	6.3
6	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	1,205	4.9	5.4
7	Pregnancy, childbirth and the puerperium (O00–O99)	797	3.3	3.6
8	Chronic liver disease and cirrhosis (K70,K73–K74)	704	2.9	3.1
9	Diabetes mellitus (E10–E149)	506	2.1	2.3
10	Cerebrovascular diseases (I60–I69)	250	1.0	1.1
...	All other causes (residual)	4,757	19.5	21.2
All races and origins, female, 35–44 years				
...	All causes	43,350	100.0	201.2
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	10,105	23.3	46.9
2	Malignant neoplasms (C00–C97)	6,396	14.8	29.7
3	COVID-19 (U07.1)	6,063	14.0	28.1
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	3,952	9.1	18.3
5	Chronic liver disease and cirrhosis (K70,K73–K74)	2,129	4.9	9.9
6	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1,625	3.7	7.5
7	Diabetes mellitus (E10–E149)	1,111	2.6	5.2
8	Cerebrovascular diseases (I60–I69)	922	2.1	4.3
9	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	897	2.1	4.2
10	Pregnancy, childbirth and the puerperium (O00–O99)	654	1.5	3.0
...	All other causes (residual)	9,496	21.9	44.1

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races and origins, female, 45–54 years				
...	All causes	80,263	100.0	393.9
1	Malignant neoplasms (C00–C97)	17,684	22.0	86.8
2	COVID-19 (U07.1)	13,461	16.8	66.1
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	10,152	12.6	49.8
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	8,969	11.2	44.0
5	Chronic liver disease and cirrhosis (K70,K73–K74)	3,641	4.5	17.9
6	Diabetes mellitus (E10–E149)	2,727	3.4	13.4
7	Cerebrovascular diseases (I60–I69)	2,417	3.0	11.9
8	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1,769	2.2	8.7
9	Chronic lower respiratory diseases (J40–J47)	1,674	2.1	8.2
10	Septicemia (A40–A41)	1,171	1.5	5.7
...	All other causes (residual)	16,598	20.7	81.5
All races and origins, female, 55–64 years				
...	All causes	185,210	100.0	848.0
1	Malignant neoplasms (C00–C97)	50,122	27.1	229.5
2	COVID-19 (U07.1)	28,903	15.6	132.3
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	27,203	14.7	124.6
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	9,520	5.1	43.6
5	Chronic lower respiratory diseases (J40–J47)	8,859	4.8	40.6
6	Diabetes mellitus (E10–E149)	6,783	3.7	31.1
7	Cerebrovascular diseases (I60–I69)	6,098	3.3	27.9
8	Chronic liver disease and cirrhosis (K70,K73–K74)	6,082	3.3	27.8
9	Septicemia (A40–A41)	2,983	1.6	13.7
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	2,597	1.4	11.9
...	All other causes (residual)	36,060	19.5	165.1
All races and origins, female, 65 years and older				
...	All causes	1,269,314	100.0	4,143.4
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	267,340	21.1	872.7
2	Malignant neoplasms (C00–C97)	209,494	16.5	683.9
3	COVID-19 (U07.1)	128,899	10.2	420.8
4	Cerebrovascular diseases (I60–I69)	82,154	6.5	268.2
5	Alzheimer disease (G30)	81,536	6.4	266.2
6	Chronic lower respiratory diseases (J40–J47)	63,634	5.0	207.7
7	Diabetes mellitus (E10–E149)	33,382	2.6	109.0
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	31,536	2.5	102.9
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	21,541	1.7	70.3
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	19,936	1.6	65.1
...	All other causes (residual)	329,862	26.0	1,076.8
All races and origins, female, 65–74 years				
...	All causes	305,325	100.0	1,715.6
1	Malignant neoplasms (C00–C97)	80,233	26.3	450.8
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	49,984	16.4	280.9
3	COVID-19 (U07.1)	42,786	14.0	240.4
4	Chronic lower respiratory diseases (J40–J47)	18,143	5.9	101.9
5	Cerebrovascular diseases (I60–I69)	13,111	4.3	73.7
6	Diabetes mellitus (E10–E149)	11,289	3.7	63.4
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	7,093	2.3	39.9
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	5,548	1.8	31.2
9	Alzheimer disease (G30)	5,347	1.8	30.0
10	Septicemia (A40–A41)	5,031	1.6	28.3
...	All other causes (residual)	66,760	21.9	375.1

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races and origins, female, 75–84 years				
...	All causes	397,264	100.0	4,395.7
1	Malignant neoplasms (C00–C97)	76,851	19.3	850.4
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	74,594	18.8	825.4
3	COVID-19 (U07.1)	42,864	10.8	474.3
4	Cerebrovascular diseases (I60–I69)	24,187	6.1	267.6
5	Chronic lower respiratory diseases (J40–J47)	24,171	6.1	267.5
6	Alzheimer disease (G30)	22,206	5.6	245.7
7	Diabetes mellitus (E10–E149)	11,784	3.0	130.4
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	9,017	2.3	99.8
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	7,365	1.9	81.5
10	Parkinson disease (G20–G21)	6,045	1.5	66.9
...	All other causes (residual)	98,180	24.7	1,086.4
All races and origins, female, 85 years and older				
...	All causes	566,725	100.0	14,914.5
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	142,762	25.2	3,757.1
2	Alzheimer disease (G30)	53,983	9.5	1,420.7
3	Malignant neoplasms (C00–C97)	52,410	9.2	1,379.3
4	Cerebrovascular diseases (I60–I69)	44,856	7.9	1,180.5
5	COVID-19 (U07.1)	43,249	7.6	1,138.2
6	Chronic lower respiratory diseases (J40–J47)	21,320	3.8	561.1
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	15,426	2.7	406.0
8	Essential hypertension and hypertensive renal disease (I10,I12,I15)	10,774	1.9	283.5
9	Diabetes mellitus (E10–E149)	10,309	1.8	271.3
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	8,628	1.5	227.1
...	All other causes (residual)	163,008	28.8	4,289.9
All races, Hispanic, both sexes, all ages ⁴				
...	All causes	315,664	100.0	503.9
1	COVID-19 (U07.1)	68,656	21.7	109.6
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	47,345	15.0	75.6
3	Malignant neoplasms (C00–C97)	45,544	14.4	72.7
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	27,126	8.6	43.3
5	Cerebrovascular diseases (I60–I69)	13,776	4.4	22.0
6	Diabetes mellitus (E10–E149)	12,489	4.0	19.9
7	Alzheimer disease (G30)	9,142	2.9	14.6
8	Chronic liver disease and cirrhosis (K70,K73–K74)	8,864	2.8	14.1
9	Chronic lower respiratory diseases (J40–J47)	5,479	1.7	8.7
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	5,021	1.6	8.0
...	All other causes (residual)	72,222	22.9	115.3
All races, Hispanic, both sexes, 1–4 years				
...	All causes	804	100.0	20.3
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	266	33.1	6.7
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	95	11.8	2.4
3	Malignant neoplasms (C00–C97)	74	9.2	1.9
4	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	44	5.5	1.1
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	23	2.9	0.6
6	COVID-19 (U07.1)	18	2.2	*
7	Certain conditions originating in the perinatal period (P00–P96)	13	1.6	*
7	Cerebrovascular diseases (I60–I69)	13	1.6	*
9	Influenza and pneumonia (J09–J18)	11	1.4	*
10	Chronic lower respiratory diseases (J40–J47)	6	0.7	*
...	All other causes (residual)	241	30.0	6.1

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races, Hispanic, both sexes, 5–9 years				
...	All causes	514	100.0	9.9
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	168	32.7	3.2
2	Malignant neoplasms (C00–C97)	102	19.8	2.0
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	41	8.0	0.8
4	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	21	4.1	0.4
5	COVID-19 (U07.1)	17	3.3	*
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	15	2.9	*
7	Chronic lower respiratory diseases (J40–J47)	8	1.6	*
8	Cerebrovascular diseases (I60–I69)	6	1.2	*
9	Influenza and pneumonia (J09–J18)	5	1.0	*
9	Certain conditions originating in the perinatal period (P00–P96)	5	1.0	*
...	All other causes (residual)	126	24.5	2.4
All races, Hispanic, both sexes, 10–14 years				
...	All causes	833	100.0	15.0
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	217	26.1	3.9
2	Malignant neoplasms (C00–C97)	136	16.3	2.4
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	121	14.5	2.2
4	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	48	5.8	0.9
5	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	44	5.3	0.8
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	30	3.6	0.5
7	COVID-19 (U07.1)	27	3.2	0.5
8	Cerebrovascular diseases (I60–I69)	15	1.8	*
9	Chronic lower respiratory diseases (J40–J47)	7	0.8	*
9	Diabetes mellitus (E10–E149)	7	0.8	*
...	All other causes (residual)	181	21.7	3.2
All races, Hispanic, both sexes, 15–19 years				
...	All causes	2,984	100.0	55.9
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,270	42.6	23.8
2	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	559	18.7	10.5
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	419	14.0	7.8
4	Malignant neoplasms (C00–C97)	168	5.6	3.1
5	COVID-19 (U07.1)	88	2.9	1.6
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	55	1.8	1.0
7	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	37	1.2	0.7
8	Cerebrovascular diseases (I60–I69)	18	0.6	*
9	Diabetes mellitus (E10–E149)	17	0.6	*
10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	12	0.4	*
...	All other causes (residual)	341	11.4	6.4
All races, Hispanic, both sexes, 20–24 years				
...	All causes	5,437	100.0	109.6
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	2,578	47.4	52.0
2	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	749	13.8	15.1
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	710	13.1	14.3
4	COVID-19 (U07.1)	324	6.0	6.5
5	Malignant neoplasms (C00–C97)	206	3.8	4.2
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	108	2.0	2.2
7	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	46	0.8	0.9
8	Pregnancy, childbirth and the puerperium (O00–O99)	44	0.8	0.9
9	Diabetes mellitus (E10–E149)	32	0.6	0.6
10	Cerebrovascular diseases (I60–I69)	26	0.5	0.5
...	All other causes (residual)	614	11.3	12.4

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races, Hispanic, both sexes, 25–34 years				
...	All causes	14,924	100.0	155.7
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	5,972	40.0	62.3
2	COVID-19 (U07.1)	1,893	12.7	19.7
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1,384	9.3	14.4
4	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	1,341	9.0	14.0
5	Malignant neoplasms (C00–C97)	779	5.2	8.1
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	586	3.9	6.1
7	Chronic liver disease and cirrhosis (K70,K73–K74)	409	2.7	4.3
8	Diabetes mellitus (E10–E149)	163	1.1	1.7
9	Pregnancy, childbirth and the puerperium (O00–O99)	160	1.1	1.7
10	Cerebrovascular diseases (I60–I69)	124	0.8	1.3
...	All other causes (residual)	2,113	14.2	22.0
All races, Hispanic, both sexes, 35–44 years				
...	All causes	21,252	100.0	236.3
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	5,269	24.8	58.6
2	COVID-19 (U07.1)	4,955	23.3	55.1
3	Malignant neoplasms (C00–C97)	1,884	8.9	20.9
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,555	7.3	17.3
5	Chronic liver disease and cirrhosis (K70,K73–K74)	1,189	5.6	13.2
6	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	907	4.3	10.1
7	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	867	4.1	9.6
8	Diabetes mellitus (E10–E149)	476	2.2	5.3
9	Cerebrovascular diseases (I60–I69)	438	2.1	4.9
10	Human immunodeficiency virus (HIV) disease (B20–B24)	167	0.8	1.9
...	All other causes (residual)	3,545	16.7	39.4
All races, Hispanic, both sexes, 45–54 years				
...	All causes	32,603	100.0	433.1
1	COVID-19 (U07.1)	9,678	29.7	128.6
2	Malignant neoplasms (C00–C97)	4,578	14.0	60.8
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	4,077	12.5	54.2
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	3,611	11.1	48.0
5	Chronic liver disease and cirrhosis (K70,K73–K74)	1,919	5.9	25.5
6	Diabetes mellitus (E10–E149)	1,204	3.7	16.0
7	Cerebrovascular diseases (I60–I69)	974	3.0	12.9
8	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	628	1.9	8.3
9	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	458	1.4	6.1
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	429	1.3	5.7
...	All other causes (residual)	5,047	15.5	67.0
All races, Hispanic, both sexes, 55–64 years				
...	All causes	51,588	100.0	932.7
1	COVID-19 (U07.1)	15,045	29.2	272.0
2	Malignant neoplasms (C00–C97)	9,405	18.2	170.0
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	7,272	14.1	131.5
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	3,216	6.2	58.1
5	Chronic liver disease and cirrhosis (K70,K73–K74)	2,513	4.9	45.4
6	Diabetes mellitus (E10–E149)	2,484	4.8	44.9
7	Cerebrovascular diseases (I60–I69)	1,608	3.1	29.1
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	843	1.6	15.2
9	Chronic lower respiratory diseases (J40–J47)	596	1.2	10.8
10	Septicemia (A40–A41)	595	1.2	10.8
...	All other causes (residual)	8,011	15.5	144.8

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races, Hispanic, both sexes, 65 years and older				
...	All causes	180,268	100.0	3,570.2
1	COVID-19 (U07.1)	36,587	20.3	724.6
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	34,028	18.9	673.9
3	Malignant neoplasms (C00-C97)	28,196	15.6	558.4
4	Cerebrovascular diseases (I60-I69)	10,536	5.8	208.7
5	Alzheimer disease (G30)	9,015	5.0	178.5
6	Diabetes mellitus (E10-E149)	8,105	4.5	160.5
7	Chronic lower respiratory diseases (J40-J47)	4,547	2.5	90.1
8	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	3,892	2.2	77.1
9	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	3,498	1.9	69.3
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	2,827	1.6	56.0
...	All other causes (residual)	39,037	21.7	773.1
All races, Hispanic, both sexes, 65-74 years				
...	All causes	59,784	100.0	1,894.0
1	COVID-19 (U07.1)	16,274	27.2	515.6
2	Malignant neoplasms (C00-C97)	11,816	19.8	374.3
3	Diseases of heart (I00-I09,I11,I13,I20-I51)	9,415	15.7	298.3
4	Diabetes mellitus (E10-E149)	3,246	5.4	102.8
5	Cerebrovascular diseases (I60-I69)	2,251	3.8	71.3
6	Chronic liver disease and cirrhosis (K70,K73-K74)	1,688	2.8	53.5
7	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,580	2.6	50.1
8	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	1,190	2.0	37.7
9	Chronic lower respiratory diseases (J40-J47)	1,073	1.8	34.0
10	Influenza and pneumonia (J09-J18)	785	1.3	24.9
...	All other causes (residual)	10,466	17.5	331.6
All races, Hispanic, both sexes, 75-84 years				
...	All causes	60,039	100.0	4,328.7
1	COVID-19 (U07.1)	12,540	20.9	904.1
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	10,723	17.9	773.1
3	Malignant neoplasms (C00-C97)	10,243	17.1	738.5
4	Cerebrovascular diseases (I60-I69)	3,410	5.7	245.9
5	Diabetes mellitus (E10-E149)	2,905	4.8	209.4
6	Alzheimer disease (G30)	2,596	4.3	187.2
7	Chronic lower respiratory diseases (J40-J47)	1,672	2.8	120.5
8	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	1,239	2.1	89.3
9	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,122	1.9	80.9
10	Parkinson disease (G20-G21)	988	1.6	71.2
...	All other causes (residual)	12,601	21.0	908.5
All races, Hispanic, both sexes, 85 years and older				
...	All causes	60,445	100.0	11,953.4
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	13,890	23.0	2,746.9
2	COVID-19 (U07.1)	7,773	12.9	1,537.2
3	Malignant neoplasms (C00-C97)	6,137	10.2	1,213.6
4	Alzheimer disease (G30)	5,803	9.6	1,147.6
5	Cerebrovascular diseases (I60-I69)	4,875	8.1	964.1
6	Diabetes mellitus (E10-E149)	1,954	3.2	386.4
7	Chronic lower respiratory diseases (J40-J47)	1,802	3.0	356.4
8	Essential hypertension and hypertensive renal disease (I10,I12,I15)	1,214	2.0	240.1
9	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,190	2.0	235.3
10	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	1,069	1.8	211.4
...	All other causes (residual)	14,738	24.4	2,914.5

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races, Hispanic, male, all ages ⁴				
...	All causes.	181,195	100.0	571.3
1	COVID-19. (U07.1)	42,070	23.2	132.6
2	Diseases of heart. (I00-I09,I11,I13,I20-I51)	27,211	15.0	85.8
3	Malignant neoplasms. (C00-C97)	23,330	12.9	73.6
4	Accidents (unintentional injuries). (V01-X59,Y85-Y86)	20,459	11.3	64.5
5	Diabetes mellitus. (E10-E149)	7,029	3.9	22.2
6	Cerebrovascular diseases. (I60-I69)	6,433	3.6	20.3
7	Chronic liver disease and cirrhosis. (K70,K73-K74)	6,187	3.4	19.5
8	Intentional self-harm (suicide). (*U03,X60-X84,Y87.0)	3,967	2.2	12.5
9	Assault (homicide). (*U01-*U02.9,X85-Y09,Y87.1)	3,694	2.0	11.6
10	Alzheimer disease. (G30)	2,775	1.5	8.7
...	All other causes. (residual)	38,040	21.0	119.9
All races, Hispanic, male, 1-4 years				
...	All causes.	416	100.0	20.6
1	Accidents (unintentional injuries). (V01-X59,Y85-Y86)	149	35.8	7.4
2	Congenital malformations, deformations and chromosomal abnormalities. (Q00-Q99)	48	11.5	2.4
3	Malignant neoplasms. (C00-C97)	39	9.4	1.9
4	Assault (homicide). (*U01-*U02.9,X85-Y09,Y87.1)	25	6.0	1.2
5	Certain conditions originating in the perinatal period. (P00-P96)	8	1.9	*
5	COVID-19. (U07.1)	8	1.9	*
7	Diseases of heart. (I00-I09,I11,I13,I20-I51)	7	1.7	*
8	Cerebrovascular diseases. (I60-I69)	6	1.4	*
9	Chronic lower respiratory diseases. (J40-J47)	5	1.2	*
10	Influenza and pneumonia. (J09-J18)	4	1.0	*
...	All other causes. (residual)	117	28.1	5.8
All races, Hispanic, male, 5-9 years				
...	All causes.	281	100.0	10.6
1	Accidents (unintentional injuries). (V01-X59,Y85-Y86)	96	34.2	3.6
2	Malignant neoplasms. (C00-C97)	53	18.9	2.0
3	Congenital malformations, deformations and chromosomal abnormalities. (Q00-Q99)	23	8.2	0.9
4	Assault (homicide). (*U01-*U02.9,X85-Y09,Y87.1)	15	5.3	*
5	COVID-19. (U07.1)	10	3.6	*
6	Chronic lower respiratory diseases. (J40-J47)	5	1.8	*
6	Diseases of heart. (I00-I09,I11,I13,I20-I51)	5	1.8	*
6	Cerebrovascular diseases. (I60-I69)	5	1.8	*
9	Certain conditions originating in the perinatal period. (P00-P96)	3	1.1	*
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior. (D00-D48)	3	1.1	*
9	Septicemia. (A40-A41)	3	1.1	*
...	All other causes. (residual)	60	21.4	2.3
All races, Hispanic, male, 10-14 years				
...	All causes.	469	100.0	16.5
1	Accidents (unintentional injuries). (V01-X59,Y85-Y86)	131	27.9	4.6
2	Malignant neoplasms. (C00-C97)	85	18.1	3.0
3	Intentional self-harm (suicide). (*U03,X60-X84,Y87.0)	64	13.6	2.2
4	Assault (homicide). (*U01-*U02.9,X85-Y09,Y87.1)	35	7.5	1.2
5	Congenital malformations, deformations and chromosomal abnormalities. (Q00-Q99)	21	4.5	0.7
6	Diseases of heart. (I00-I09,I11,I13,I20-I51)	18	3.8	*
7	COVID-19. (U07.1)	12	2.6	*
8	Diabetes mellitus. (E10-E149)	6	1.3	*
9	Cerebrovascular diseases. (I60-I69)	5	1.1	*
10	Chronic lower respiratory diseases. (J40-J47)	4	0.9	*
...	All other causes. (residual)	88	18.8	3.1

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races, Hispanic, male, 15–19 years				
...	All causes.	2,176	100.0	79.8
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	902	41.5	33.1
2	Assault (homicide). (*U01–*U02.9,X85–Y09,Y87.1)	500	23.0	18.3
3	Intentional self-harm (suicide). (*U03,X60–X84,Y87.0)	311	14.3	11.4
4	Malignant neoplasms. (C00–C97)	107	4.9	3.9
5	COVID-19. (U07.1)	61	2.8	2.2
6	Diseases of heart. (I00–I09,I11,I13,I20–I51)	42	1.9	1.5
7	Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99)	24	1.1	0.9
8	Cerebrovascular diseases. (I60–I69)	13	0.6	*
9	Diabetes mellitus. (E10–E149)	9	0.4	*
10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior. (D00–D48)	8	0.4	*
10	Legal intervention. (Y35,Y89.0)	8	0.4	*
...	All other causes. (residual)	191	8.8	7.0
All races, Hispanic, male, 20–24 years				
...	All causes.	4,097	100.0	161.7
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	1,978	48.3	78.1
2	Assault (homicide). (*U01–*U02.9,X85–Y09,Y87.1)	638	15.6	25.2
3	Intentional self-harm (suicide). (*U03,X60–X84,Y87.0)	582	14.2	23.0
4	COVID-19. (U07.1)	201	4.9	7.9
5	Malignant neoplasms. (C00–C97)	137	3.3	5.4
6	Diseases of heart. (I00–I09,I11,I13,I20–I51)	73	1.8	2.9
7	Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99)	31	0.8	1.2
8	Diabetes mellitus. (E10–E149)	28	0.7	1.1
9	Legal intervention. (Y35,Y89.0)	20	0.5	0.8
10	Cerebrovascular diseases. (I60–I69)	19	0.5	*
...	All other causes. (residual)	390	9.5	15.4
All races, Hispanic, male, 25–34 years				
...	All causes.	11,248	100.0	227.1
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	4,807	42.7	97.1
2	COVID-19. (U07.1)	1,359	12.1	27.4
3	Assault (homicide). (*U01–*U02.9,X85–Y09,Y87.1)	1,147	10.2	23.2
4	Intentional self-harm (suicide). (*U03,X60–X84,Y87.0)	1,133	10.1	22.9
5	Diseases of heart. (I00–I09,I11,I13,I20–I51)	439	3.9	8.9
6	Malignant neoplasms. (C00–C97)	405	3.6	8.2
7	Chronic liver disease and cirrhosis. (K70,K73–K74)	302	2.7	6.1
8	Diabetes mellitus. (E10–E149)	106	0.9	2.1
9	Cerebrovascular diseases. (I60–I69)	87	0.8	1.8
10	Human immunodeficiency virus (HIV) disease. (B20–B24)	80	0.7	1.6
...	All other causes. (residual)	1,383	12.3	27.9
All races, Hispanic, male, 35–44 years				
...	All causes.	15,205	100.0	324.2
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	4,224	27.8	90.1
2	COVID-19. (U07.1)	3,538	23.3	75.4
3	Diseases of heart. (I00–I09,I11,I13,I20–I51)	1,173	7.7	25.0
4	Chronic liver disease and cirrhosis. (K70,K73–K74)	908	6.0	19.4
5	Malignant neoplasms. (C00–C97)	804	5.3	17.1
6	Intentional self-harm (suicide). (*U03,X60–X84,Y87.0)	747	4.9	15.9
7	Assault (homicide). (*U01–*U02.9,X85–Y09,Y87.1)	713	4.7	15.2
8	Diabetes mellitus. (E10–E149)	326	2.1	7.0
9	Cerebrovascular diseases. (I60–I69)	301	2.0	6.4
10	Human immunodeficiency virus (HIV) disease. (B20–B24)	147	1.0	3.1
...	All other causes. (residual)	2,324	15.3	49.6

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races, Hispanic, male, 45–54 years				
...	All causes	22,205	100.0	579.3
1	COVID-19 (U07.1)	6,788	30.6	177.1
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	3,241	14.6	84.5
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	2,778	12.5	72.5
4	Malignant neoplasms (C00–C97)	2,048	9.2	53.4
5	Chronic liver disease and cirrhosis (K70,K73–K74)	1,500	6.8	39.1
6	Diabetes mellitus (E10–E149)	798	3.6	20.8
7	Cerebrovascular diseases (I60–I69)	617	2.8	16.1
8	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	512	2.3	13.4
9	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	366	1.6	9.5
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	270	1.2	7.0
...	All other causes (residual)	3,287	14.8	85.7
All races, Hispanic, male, 55–64 years				
...	All causes	33,385	100.0	1,213.4
1	COVID-19 (U07.1)	9,780	29.3	355.5
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	5,380	16.1	195.5
3	Malignant neoplasms (C00–C97)	4,960	14.9	180.3
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	2,522	7.6	91.7
5	Chronic liver disease and cirrhosis (K70,K73–K74)	1,822	5.5	66.2
6	Diabetes mellitus (E10–E149)	1,591	4.8	57.8
7	Cerebrovascular diseases (I60–I69)	998	3.0	36.3
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	537	1.6	19.5
9	Septicemia (A40–A41)	343	1.0	12.5
10	Chronic lower respiratory diseases (J40–J47)	324	1.0	11.8
...	All other causes (residual)	5,128	15.4	186.4
All races, Hispanic, male, 65 years and older				
...	All causes	89,288	100.0	3,982.7
1	COVID-19 (U07.1)	20,303	22.7	905.6
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	17,258	19.3	769.8
3	Malignant neoplasms (C00–C97)	14,681	16.4	654.8
4	Cerebrovascular diseases (I60–I69)	4,374	4.9	195.1
5	Diabetes mellitus (E10–E149)	4,164	4.7	185.7
6	Alzheimer disease (G30)	2,717	3.0	121.2
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	2,284	2.6	101.9
8	Chronic lower respiratory diseases (J40–J47)	2,253	2.5	100.5
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	1,753	2.0	78.2
10	Chronic liver disease and cirrhosis (K70,K73–K74)	1,647	1.8	73.5
...	All other causes (residual)	17,854	20.0	796.4
All races, Hispanic, male, 65–74 years				
...	All causes	34,921	100.0	2,374.1
1	COVID-19 (U07.1)	9,627	27.6	654.5
2	Malignant neoplasms (C00–C97)	6,447	18.5	438.3
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	6,021	17.2	409.3
4	Diabetes mellitus (E10–E149)	1,901	5.4	129.2
5	Cerebrovascular diseases (I60–I69)	1,254	3.6	85.3
6	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,134	3.2	77.1
7	Chronic liver disease and cirrhosis (K70,K73–K74)	1,119	3.2	76.1
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	657	1.9	44.7
9	Chronic lower respiratory diseases (J40–J47)	576	1.6	39.2
10	Influenza and pneumonia (J09–J18)	465	1.3	31.6
...	All other causes (residual)	5,720	16.4	388.9

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races, Hispanic, male, 75–84 years				
...	All causes	30,574	100.0	5,208.9
1	COVID-19 (U07.1)	6,988	22.9	1,190.5
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	5,659	18.5	964.1
3	Malignant neoplasms (C00–C97)	5,324	17.4	907.0
4	Cerebrovascular diseases (I60–I69)	1,568	5.1	267.1
5	Diabetes mellitus (E10–E149)	1,440	4.7	245.3
6	Alzheimer disease (G30)	896	2.9	152.7
7	Chronic lower respiratory diseases (J40–J47)	885	2.9	150.8
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	628	2.1	107.0
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	628	2.1	107.0
10	Parkinson disease (G20–G21)	590	1.9	100.5
...	All other causes (residual)	5,968	19.5	1,016.8
All races, Hispanic, male, 85 years and older				
...	All causes	23,793	100.0	12,927.3
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	5,578	23.4	3,030.6
2	COVID-19 (U07.1)	3,688	15.5	2,003.8
3	Malignant neoplasms (C00–C97)	2,910	12.2	1,581.1
4	Cerebrovascular diseases (I60–I69)	1,552	6.5	843.2
5	Alzheimer disease (G30)	1,549	6.5	841.6
6	Diabetes mellitus (E10–E149)	823	3.5	447.2
7	Chronic lower respiratory diseases (J40–J47)	792	3.3	430.3
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	522	2.2	283.6
9	Parkinson disease (G20–G21)	488	2.1	265.1
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	468	2.0	254.3
...	All other causes (residual)	5,423	22.8	2,946.4
All races, Hispanic, female, all ages ⁴				
...	All causes	134,469	100.0	434.7
1	COVID-19 (U07.1)	26,586	19.8	86.0
2	Malignant neoplasms (C00–C97)	22,214	16.5	71.8
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	20,134	15.0	65.1
4	Cerebrovascular diseases (I60–I69)	7,343	5.5	23.7
5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	6,667	5.0	21.6
6	Alzheimer disease (G30)	6,367	4.7	20.6
7	Diabetes mellitus (E10–E149)	5,460	4.1	17.7
8	Chronic lower respiratory diseases (J40–J47)	2,730	2.0	8.8
9	Chronic liver disease and cirrhosis (K70,K73–K74)	2,677	2.0	8.7
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	2,309	1.7	7.5
...	All other causes (residual)	31,982	23.8	103.4
All races, Hispanic, female, 1–4 years				
...	All causes	388	100.0	20.0
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	117	30.2	6.0
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	47	12.1	2.4
3	Malignant neoplasms (C00–C97)	35	9.0	1.8
4	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	19	4.9	*
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	16	4.1	*
6	COVID-19 (U07.1)	10	2.6	*
7	Influenza and pneumonia (J09–J18)	7	1.8	*
7	Cerebrovascular diseases (I60–I69)	7	1.8	*
9	Certain conditions originating in the perinatal period (P00–P96)	5	1.3	*
10	Meningitis (G00,G03)	3	0.8	*
10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	3	0.8	*
10	Complications of medical and surgical care (Y40–Y84,Y88)	3	0.8	*
...	All other causes (residual)	116	29.9	6.0

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races, Hispanic, female, 5–9 years				
...	All causes.....	233	100.0	9.2
1	Accidents (unintentional injuries)..... (V01–X59,Y85–Y86)	72	30.9	2.8
2	Malignant neoplasms..... (C00–C97)	49	21.0	1.9
3	Congenital malformations, deformations and chromosomal abnormalities..... (Q00–Q99)	18	7.7	*
4	Diseases of heart..... (I00–I09,I11,I13,I20–I51)	10	4.3	*
5	COVID-19..... (U07.1)	7	3.0	*
6	Assault (homicide)..... (*U01–*U02.9,X85–Y09,Y87.1)	6	2.6	*
7	Chronic lower respiratory diseases..... (J40–J47)	3	1.3	*
7	Complications of medical and surgical care..... (Y40–Y84,Y88)	3	1.3	*
7	Influenza and pneumonia..... (J09–J18)	3	1.3	*
10	Certain conditions originating in the perinatal period..... (P00–P96)	2	0.9	*
...	All other causes..... (residual)	60	25.8	2.4
All races, Hispanic, female, 10–14 years				
...	All causes.....	364	100.0	13.4
1	Accidents (unintentional injuries)..... (V01–X59,Y85–Y86)	86	23.6	3.2
2	Intentional self-harm (suicide)..... (*U03,X60–X84,Y87.0)	57	15.7	2.1
3	Malignant neoplasms..... (C00–C97)	51	14.0	1.9
4	Congenital malformations, deformations and chromosomal abnormalities..... (Q00–Q99)	23	6.3	0.8
5	COVID-19..... (U07.1)	15	4.1	*
6	Assault (homicide)..... (*U01–*U02.9,X85–Y09,Y87.1)	13	3.6	*
7	Diseases of heart..... (I00–I09,I11,I13,I20–I51)	12	3.3	*
8	Cerebrovascular diseases..... (I60–I69)	10	2.7	*
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior..... (D00–D48)	4	1.1	*
10	Pregnancy, childbirth and the puerperium..... (O00–O99)	3	0.8	*
10	Chronic lower respiratory diseases..... (J40–J47)	3	0.8	*
10	Influenza and pneumonia..... (J09–J18)	3	0.8	*
...	All other causes..... (residual)	84	23.1	3.1
All races, Hispanic, female, 15–19 years				
...	All causes.....	808	100.0	30.9
1	Accidents (unintentional injuries)..... (V01–X59,Y85–Y86)	368	45.5	14.1
2	Intentional self-harm (suicide)..... (*U03,X60–X84,Y87.0)	108	13.4	4.1
3	Malignant neoplasms..... (C00–C97)	61	7.5	2.3
4	Assault (homicide)..... (*U01–*U02.9,X85–Y09,Y87.1)	59	7.3	2.3
5	COVID-19..... (U07.1)	27	3.3	1.0
6	Diseases of heart..... (I00–I09,I11,I13,I20–I51)	13	1.6	*
6	Congenital malformations, deformations and chromosomal abnormalities..... (Q00–Q99)	13	1.6	*
8	Diabetes mellitus..... (E10–E149)	8	1.0	*
9	Pregnancy, childbirth and the puerperium..... (O00–O99)	7	0.9	*
10	Cerebrovascular diseases..... (I60–I69)	5	0.6	*
10	Chronic lower respiratory diseases..... (J40–J47)	5	0.6	*
...	All other causes..... (residual)	134	16.6	5.1
All races, Hispanic, female, 20–24 years				
...	All causes.....	1,340	100.0	55.2
1	Accidents (unintentional injuries)..... (V01–X59,Y85–Y86)	600	44.8	24.7
2	Intentional self-harm (suicide)..... (*U03,X60–X84,Y87.0)	128	9.6	5.3
3	COVID-19..... (U07.1)	123	9.2	5.1
4	Assault (homicide)..... (*U01–*U02.9,X85–Y09,Y87.1)	111	8.3	4.6
5	Malignant neoplasms..... (C00–C97)	69	5.1	2.8
6	Pregnancy, childbirth and the puerperium..... (O00–O99)	44	3.3	1.8
7	Diseases of heart..... (I00–I09,I11,I13,I20–I51)	35	2.6	1.4
8	Congenital malformations, deformations and chromosomal abnormalities..... (Q00–Q99)	15	1.1	*
9	Chronic lower respiratory diseases..... (J40–J47)	10	0.7	*
10	Septicemia..... (A40–A41)	9	0.7	*
...	All other causes..... (residual)	196	14.6	8.1

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Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races, Hispanic, female, 25–34 years				
...	All causes	3,676	100.0	79.3
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,165	31.7	25.1
2	COVID-19 (U07.1)	534	14.5	11.5
3	Malignant neoplasms (C00–C97)	374	10.2	8.1
4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	251	6.8	5.4
5	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	194	5.3	4.2
6	Pregnancy, childbirth and the puerperium (000–099)	160	4.4	3.5
7	Diseases of heart (I00–I09,I11,I13,I20–I51)	147	4.0	3.2
8	Chronic liver disease and cirrhosis (K70,K73–K74)	107	2.9	2.3
9	Diabetes mellitus (E10–E149)	57	1.6	1.2
10	Cerebrovascular diseases (I60–I69)	37	1.0	0.8
...	All other causes (residual)	650	17.7	14.0
All races, Hispanic, female, 35–44 years				
...	All causes	6,047	100.0	140.4
1	COVID-19 (U07.1)	1,417	23.4	32.9
2	Malignant neoplasms (C00–C97)	1,080	17.9	25.1
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,045	17.3	24.3
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	382	6.3	8.9
5	Chronic liver disease and cirrhosis (K70,K73–K74)	281	4.6	6.5
6	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	160	2.6	3.7
7	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	154	2.5	3.6
8	Diabetes mellitus (E10–E149)	150	2.5	3.5
9	Pregnancy, childbirth and the puerperium (000–099)	138	2.3	3.2
10	Cerebrovascular diseases (I60–I69)	137	2.3	3.2
...	All other causes (residual)	1,103	18.2	25.6
All races, Hispanic, female, 45–54 years				
...	All causes	10,398	100.0	281.5
1	COVID-19 (U07.1)	2,890	27.8	78.2
2	Malignant neoplasms (C00–C97)	2,530	24.3	68.5
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	836	8.0	22.6
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	833	8.0	22.5
5	Chronic liver disease and cirrhosis (K70,K73–K74)	419	4.0	11.3
6	Diabetes mellitus (E10–E149)	406	3.9	11.0
7	Cerebrovascular diseases (I60–I69)	357	3.4	9.7
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	159	1.5	4.3
9	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	116	1.1	3.1
10	Septicemia (A40–A41)	114	1.1	3.1
...	All other causes (residual)	1,738	16.7	47.0
All races, Hispanic, female, 55–64 years				
...	All causes	18,203	100.0	654.9
1	COVID-19 (U07.1)	5,265	28.9	189.4
2	Malignant neoplasms (C00–C97)	4,445	24.4	159.9
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,892	10.4	68.1
4	Diabetes mellitus (E10–E149)	893	4.9	32.1
5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	694	3.8	25.0
6	Chronic liver disease and cirrhosis (K70,K73–K74)	691	3.8	24.9
7	Cerebrovascular diseases (I60–I69)	610	3.4	21.9
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	306	1.7	11.0
9	Chronic lower respiratory diseases (J40–J47)	272	1.5	9.8
10	Septicemia (A40–A41)	252	1.4	9.1
...	All other causes (residual)	2,883	15.8	103.7

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
All races, Hispanic, female, 65 years and older				
...	All causes	90,980	100.0	3,240.9
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	16,770	18.4	597.4
2	COVID-19 (U07.1)	16,284	17.9	580.1
3	Malignant neoplasms (C00-C97)	13,515	14.9	481.4
4	Alzheimer disease (G30)	6,298	6.9	224.3
5	Cerebrovascular diseases (I60-I69)	6,162	6.8	219.5
6	Diabetes mellitus (E10-E149)	3,941	4.3	140.4
7	Chronic lower respiratory diseases (J40-J47)	2,294	2.5	81.7
8	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	1,745	1.9	62.2
9	Accidents (unintentional injuries). (V01-X59,Y85-Y86)	1,608	1.8	57.3
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	1,583	1.7	56.4
...	All other causes (residual)	20,780	22.8	740.2
All races, Hispanic, female, 65-74 years				
...	All causes	24,863	100.0	1,475.0
1	COVID-19 (U07.1)	6,647	26.7	394.3
2	Malignant neoplasms (C00-C97)	5,369	21.6	318.5
3	Diseases of heart (I00-I09,I11,I13,I20-I51)	3,394	13.7	201.4
4	Diabetes mellitus (E10-E149)	1,345	5.4	79.8
5	Cerebrovascular diseases (I60-I69)	997	4.0	59.1
6	Chronic liver disease and cirrhosis (K70,K73-K74)	569	2.3	33.8
7	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	533	2.1	31.6
8	Chronic lower respiratory diseases (J40-J47)	497	2.0	29.5
9	Accidents (unintentional injuries). (V01-X59,Y85-Y86)	446	1.8	26.5
10	Septicemia (A40-A41)	349	1.4	20.7
...	All other causes (residual)	4,717	19.0	279.8
All races, Hispanic, female, 75-84 years				
...	All causes	29,465	100.0	3,683.0
1	COVID-19 (U07.1)	5,552	18.8	694.0
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	5,064	17.2	633.0
3	Malignant neoplasms (C00-C97)	4,919	16.7	614.8
4	Cerebrovascular diseases (I60-I69)	1,842	6.3	230.2
5	Alzheimer disease (G30)	1,700	5.8	212.5
6	Diabetes mellitus (E10-E149)	1,465	5.0	183.1
7	Chronic lower respiratory diseases (J40-J47)	787	2.7	98.4
8	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	611	2.1	76.4
9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	499	1.7	62.4
10	Accidents (unintentional injuries). (V01-X59,Y85-Y86)	494	1.7	61.7
...	All other causes (residual)	6,532	22.2	816.5
All races, Hispanic, female, 85 years and older				
...	All causes	36,652	100.0	11,396.2
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	8,312	22.7	2,584.4
2	Alzheimer disease (G30)	4,254	11.6	1,322.7
3	COVID-19 (U07.1)	4,085	11.1	1,270.1
4	Cerebrovascular diseases (I60-I69)	3,323	9.1	1,033.2
5	Malignant neoplasms (C00-C97)	3,227	8.8	1,003.4
6	Diabetes mellitus (E10-E149)	1,131	3.1	351.7
7	Chronic lower respiratory diseases (J40-J47)	1,010	2.8	314.0
8	Essential hypertension and hypertensive renal disease (I10,I12,I15)	779	2.1	242.2
9	Accidents (unintentional injuries). (V01-X59,Y85-Y86)	668	1.8	207.7
10	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	601	1.6	186.9
...	All other causes (residual)	9,262	25.3	2,879.8

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
American Indian and Alaska Native, non-Hispanic, both sexes, all ages ⁴				
...	All causes.	26,972	100.0	1,100.0
1	COVID-19. (U07.1)	4,624	17.1	188.6
2	Diseases of heart. (I00-I09,I11,I13,I20-I51)	3,760	13.9	153.3
3	Malignant neoplasms. (C00-C97)	3,162	11.7	129.0
4	Accidents (unintentional injuries). (V01-X59,Y85-Y86)	2,965	11.0	120.9
5	Chronic liver disease and cirrhosis. (K70,K73-K74)	1,899	7.0	77.4
6	Diabetes mellitus. (E10-E149)	1,269	4.7	51.8
7	Chronic lower respiratory diseases. (J40-J47)	825	3.1	33.6
8	Cerebrovascular diseases. (I60-I69)	799	3.0	32.6
9	Intentional self-harm (suicide). (*U03,X60-X84,Y87.0)	692	2.6	28.2
10	Nephritis, nephrotic syndrome and nephrosis. (N00-N07,N17-N19,N25-N27)	395	1.5	16.1
...	All other causes. (residual)	6,582	24.4	268.4
American Indian and Alaska Native, non-Hispanic, both sexes, 1-4 years				
...	All causes.	55	100.0	47.5
1	Accidents (unintentional injuries). (V01-X59,Y85-Y86)	24	43.6	20.7
2	Assault (homicide). (*U01-*U02.9,X85-Y09,Y87.1)	5	9.1	*
3	Congenital malformations, deformations and chromosomal abnormalities. (Q00-Q99)	4	7.3	*
4	COVID-19. (U07.1)	2	3.6	*
5	Malignant neoplasms. (C00-C97)	1	1.8	*
...	All other causes. (residual)	19	34.5	*
American Indian and Alaska Native, non-Hispanic, both sexes, 5-9 years				
...	All causes.	31	100.0	18.9
1	Accidents (unintentional injuries). (V01-X59,Y85-Y86)	18	58.1	*
2	Septicemia. (A40-A41)	1	3.2	*
2	Chronic lower respiratory diseases. (J40-J47)	1	3.2	*
2	Congenital malformations, deformations and chromosomal abnormalities. (Q00-Q99)	1	3.2	*
2	COVID-19. (U07.1)	1	3.2	*
2	Acute bronchitis and bronchiolitis. (J20-J21)	1	3.2	*
2	Diabetes mellitus. (E10-E149)	1	3.2	*
...	All other causes. (residual)	7	22.6	*
American Indian and Alaska Native, non-Hispanic, both sexes, 10-14 years				
...	All causes.	52	100.0	29.0
1	Intentional self-harm (suicide). (*U03,X60-X84,Y87.0)	18	34.6	*
2	Accidents (unintentional injuries). (V01-X59,Y85-Y86)	13	25.0	*
3	Malignant neoplasms. (C00-C97)	6	11.5	*
4	Assault (homicide). (*U01-*U02.9,X85-Y09,Y87.1)	4	7.7	*
5	Meningitis. (G00,G03)	2	3.8	*
5	Diseases of heart. (I00-I09,I11,I13,I20-I51)	2	3.8	*
5	COVID-19. (U07.1)	2	3.8	*
8	Diabetes mellitus. (E10-E149)	1	1.9	*
...	All other causes. (residual)	4	7.7	*

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
American Indian and Alaska Native, non-Hispanic, both sexes, 15–19 years				
...	All causes	230	100.0	127.5
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	101	43.9	56.0
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	75	32.6	41.6
3	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	15	6.5	*
4	COVID-19 (U07.1)	7	3.0	*
5	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	3	1.3	*
5	Malignant neoplasms (C00–C97)	3	1.3	*
7	Diseases of heart (I00–I09,I11,I13,I20–I51)	2	0.9	*
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	2	0.9	*
9	Septicemia (A40–A41)	1	0.4	*
...	All other causes (residual)	21	9.1	11.6
American Indian and Alaska Native, non-Hispanic, both sexes, 20–24 years				
...	All causes	470	100.0	260.3
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	214	45.5	118.5
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	103	21.9	57.0
3	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	27	5.7	15.0
3	COVID-19 (U07.1)	27	5.7	15.0
5	Chronic liver disease and cirrhosis (K70,K73–K74)	13	2.8	*
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	13	2.8	*
7	Malignant neoplasms (C00–C97)	11	2.3	*
8	Pregnancy, childbirth and the puerperium (O00–O99)	5	1.1	*
9	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	4	0.9	*
10	Influenza and pneumonia (J09–J18)	3	0.6	*
...	All other causes (residual)	50	10.6	27.7
American Indian and Alaska Native, non-Hispanic, both sexes, 25–34 years				
...	All causes	1,876	100.0	498.0
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	636	33.9	168.8
2	Chronic liver disease and cirrhosis (K70,K73–K74)	241	12.8	64.0
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	220	11.7	58.4
4	COVID-19 (U07.1)	153	8.2	40.6
5	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	97	5.2	25.8
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	67	3.6	17.8
7	Malignant neoplasms (C00–C97)	40	2.1	10.6
8	Diabetes mellitus (E10–E149)	29	1.5	7.7
9	Cerebrovascular diseases (I60–I69)	14	0.7	*
10	Septicemia (A40–A41)	13	0.7	*
...	All other causes (residual)	366	19.5	97.2
American Indian and Alaska Native, non-Hispanic, both sexes, 35–44 years				
...	All causes	2,582	100.0	819.4
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	608	23.5	192.9
2	Chronic liver disease and cirrhosis (K70,K73–K74)	429	16.6	136.1
3	COVID-19 (U07.1)	350	13.6	111.1
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	167	6.5	53.0
5	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	145	5.6	46.0
6	Malignant neoplasms (C00–C97)	95	3.7	30.1
7	Diabetes mellitus (E10–E149)	88	3.4	27.9
8	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	85	3.3	27.0
9	Cerebrovascular diseases (I60–I69)	29	1.1	9.2
10	Septicemia (A40–A41)	26	1.0	8.3
...	All other causes (residual)	560	21.7	177.7

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
American Indian and Alaska Native, non-Hispanic, both sexes, 45–54 years				
...	All causes.	3,373	100.0	1,191.9
1	COVID-19. (U07.1)	654	19.4	231.1
2	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	522	15.5	184.5
3	Chronic liver disease and cirrhosis. (K70,K73–K74)	509	15.1	179.9
4	Diseases of heart. (I00–I09,I11,I13,I20–I51)	318	9.4	112.4
5	Malignant neoplasms. (C00–C97)	246	7.3	86.9
6	Diabetes mellitus. (E10–E149)	189	5.6	66.8
7	Cerebrovascular diseases. (I60–I69)	59	1.7	20.8
8	Septicemia. (A40–A41)	50	1.5	17.7
9	Intentional self-harm (suicide). (*U03,X60–X84,Y87.0)	49	1.5	17.3
10	Nephritis, nephrotic syndrome and nephrosis. (N00–N07,N17–N19,N25–N27)	44	1.3	15.5
...	All other causes. (residual)	733	21.7	259.0
American Indian and Alaska Native, non-Hispanic, both sexes, 55–64 years				
...	All causes.	5,344	100.0	1,771.6
1	COVID-19. (U07.1)	1,103	20.6	365.7
2	Diseases of heart. (I00–I09,I11,I13,I20–I51)	803	15.0	266.2
3	Malignant neoplasms. (C00–C97)	767	14.4	254.3
4	Chronic liver disease and cirrhosis. (K70,K73–K74)	479	9.0	158.8
5	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	438	8.2	145.2
6	Diabetes mellitus. (E10–E149)	295	5.5	97.8
7	Chronic lower respiratory diseases. (J40–J47)	144	2.7	47.7
8	Cerebrovascular diseases. (I60–I69)	124	2.3	41.1
9	Septicemia. (A40–A41)	69	1.3	22.9
10	Nephritis, nephrotic syndrome and nephrosis. (N00–N07,N17–N19,N25–N27)	68	1.3	22.5
...	All other causes. (residual)	1,054	19.7	349.4
American Indian and Alaska Native, non-Hispanic, both sexes, 65 years and older				
...	All causes.	12,763	100.0	3,889.0
1	Diseases of heart. (I00–I09,I11,I13,I20–I51)	2,387	18.7	727.3
2	COVID-19. (U07.1)	2,325	18.2	708.4
3	Malignant neoplasms. (C00–C97)	1,993	15.6	607.3
4	Diabetes mellitus. (E10–E149)	664	5.2	202.3
5	Chronic lower respiratory diseases. (J40–J47)	624	4.9	190.1
6	Cerebrovascular diseases. (I60–I69)	572	4.5	174.3
7	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	372	2.9	113.4
8	Alzheimer disease. (G30)	356	2.8	108.5
9	Nephritis, nephrotic syndrome and nephrosis. (N00–N07,N17–N19,N25–N27)	252	2.0	76.8
10	Chronic liver disease and cirrhosis. (K70,K73–K74)	228	1.8	69.5
...	All other causes. (residual)	2,990	23.4	911.1
American Indian and Alaska Native, non-Hispanic, both sexes, 65–74 years				
...	All causes.	5,506	100.0	2,613.2
1	COVID-19. (U07.1)	1,199	21.8	569.1
2	Malignant neoplasms. (C00–C97)	936	17.0	444.2
3	Diseases of heart. (I00–I09,I11,I13,I20–I51)	931	16.9	441.9
4	Diabetes mellitus. (E10–E149)	325	5.9	154.2
5	Chronic lower respiratory diseases. (J40–J47)	273	5.0	129.6
6	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	186	3.4	88.3
7	Cerebrovascular diseases. (I60–I69)	179	3.3	85.0
8	Chronic liver disease and cirrhosis. (K70,K73–K74)	167	3.0	79.3
9	Nephritis, nephrotic syndrome and nephrosis. (N00–N07,N17–N19,N25–N27)	114	2.1	54.1
10	Influenza and pneumonia. (J09–J18)	64	1.2	30.4
...	All other causes. (residual)	1,132	20.6	537.3

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
American Indian and Alaska Native, non-Hispanic, both sexes, 75–84 years				
...	All causes	4,401	100.0	4,938.0
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	845	19.2	948.1
2	Malignant neoplasms (C00–C97)	762	17.3	855.0
3	COVID-19 (U07.1)	752	17.1	843.7
4	Chronic lower respiratory diseases (J40–J47)	242	5.5	271.5
5	Diabetes mellitus (E10–E149)	230	5.2	258.1
6	Cerebrovascular diseases (I60–I69)	211	4.8	236.7
7	Alzheimer disease (G30)	140	3.2	157.1
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	113	2.6	126.8
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	78	1.8	87.5
10	Influenza and pneumonia (J09–J18)	68	1.5	76.3
...	All other causes (residual)	960	21.8	1,077.1
American Indian and Alaska Native, non-Hispanic, both sexes, 85 years and older				
...	All causes	2,856	100.0	10,070.5
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	611	21.4	2,154.4
2	COVID-19 (U07.1)	374	13.1	1,318.8
3	Malignant neoplasms (C00–C97)	295	10.3	1,040.2
4	Cerebrovascular diseases (I60–I69)	182	6.4	641.7
5	Alzheimer disease (G30)	173	6.1	610.0
6	Diabetes mellitus (E10–E149)	109	3.8	384.3
6	Chronic lower respiratory diseases (J40–J47)	109	3.8	384.3
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	73	2.6	257.4
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	60	2.1	211.6
10	Influenza and pneumonia (J09–J18)	52	1.8	183.4
...	All other causes (residual)	818	28.6	2,884.3
American Indian and Alaska Native, non-Hispanic, male, all ages ⁴				
...	All causes	14,724	100.0	1,216.9
1	COVID-19 (U07.1)	2,432	16.5	201.0
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	2,234	15.2	184.6
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,907	13.0	157.6
4	Malignant neoplasms (C00–C97)	1,599	10.9	132.2
5	Chronic liver disease and cirrhosis (K70,K73–K74)	1,049	7.1	86.7
6	Diabetes mellitus (E10–E149)	689	4.7	56.9
7	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	525	3.6	43.4
8	Chronic lower respiratory diseases (J40–J47)	372	2.5	30.7
9	Cerebrovascular diseases (I60–I69)	351	2.4	29.0
10	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	241	1.6	19.9
...	All other causes (residual)	3,325	22.6	274.8
American Indian and Alaska Native, non-Hispanic, male, 1–4 years				
...	All causes	34	100.0	57.7
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	17	50.0	*
2	Malignant neoplasms (C00–C97)	1	2.9	*
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1	2.9	*
2	COVID-19 (U07.1)	1	2.9	*
2	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	1	2.9	*
...	All other causes (residual)	13	38.2	*

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
American Indian and Alaska Native, non-Hispanic, male, 5–9 years				
...	All causes.	15	100.0	*
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	6	40.0	*
2	Diabetes mellitus. (E10–E149)	1	6.7	*
2	Acute bronchitis and bronchiolitis. (J20–J21)	1	6.7	*
2	Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99)	1	6.7	*
2	Septicemia. (A40–A41)	1	6.7	*
...	All other causes. (residual)	5	33.3	*
American Indian and Alaska Native, non-Hispanic, male, 10–14 years				
...	All causes.	26	100.0	28.5
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	8	30.8	*
2	Intentional self-harm (suicide). (*U03,X60–X84,Y87.0)	6	23.1	*
3	Malignant neoplasms. (C00–C97)	2	7.7	*
3	Assault (homicide). (*U01–*U02.9,X85–Y09,Y87.1)	2	7.7	*
3	Meningitis. (G00,G03)	2	7.7	*
6	Diabetes mellitus. (E10–E149)	1	3.8	*
6	COVID-19. (U07.1)	1	3.8	*
6	Diseases of heart. (I00–I09,I11,I13,I20–I51)	1	3.8	*
...	All other causes. (residual)	3	11.5	*
American Indian and Alaska Native, non-Hispanic, male, 15–19 years				
...	All causes.	148	100.0	161.3
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	61	41.2	66.5
2	Intentional self-harm (suicide). (*U03,X60–X84,Y87.0)	50	33.8	54.5
3	Assault (homicide). (*U01–*U02.9,X85–Y09,Y87.1)	12	8.1	*
4	COVID-19. (U07.1)	4	2.7	*
5	Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99)	3	2.0	*
6	Malignant neoplasms. (C00–C97)	2	1.4	*
6	Diseases of heart. (I00–I09,I11,I13,I20–I51)	2	1.4	*
8	Nephritis, nephrotic syndrome and nephrosis. (N00–N07,N17–N19,N25–N27)	1	0.7	*
...	All other causes. (residual)	13	8.8	*
American Indian and Alaska Native, non-Hispanic, male, 20–24 years				
...	All causes.	317	100.0	346.9
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	134	42.3	146.6
2	Intentional self-harm (suicide). (*U03,X60–X84,Y87.0)	87	27.4	95.2
3	Assault (homicide). (*U01–*U02.9,X85–Y09,Y87.1)	21	6.6	23.0
4	COVID-19. (U07.1)	18	5.7	*
5	Diseases of heart. (I00–I09,I11,I13,I20–I51)	10	3.2	*
6	Chronic liver disease and cirrhosis. (K70,K73–K74)	7	2.2	*
7	Malignant neoplasms. (C00–C97)	6	1.9	*
8	Influenza and pneumonia. (J09–J18)	3	0.9	*
9	Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99)	2	0.6	*
9	Diabetes mellitus. (E10–E149)	2	0.6	*
...	All other causes. (residual)	27	8.5	29.5

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
American Indian and Alaska Native, non-Hispanic, male, 25–34 years				
...	All causes.....	1,204	100.0	630.5
1	Accidents (unintentional injuries)..... (V01–X59,Y85–Y86)	426	35.4	223.1
2	Intentional self-harm (suicide)..... (*U03,X60–X84,Y87.0)	170	14.1	89.0
3	Chronic liver disease and cirrhosis..... (K70,K73–K74)	139	11.5	72.8
4	COVID-19..... (U07.1)	89	7.4	46.6
5	Assault (homicide)..... (*U01–*U02.9,X85–Y09,Y87.1)	77	6.4	40.3
6	Diseases of heart..... (I00–I09,I11,I13,I20–I51)	43	3.6	22.5
7	Malignant neoplasms..... (C00–C97)	18	1.5	*
8	Diabetes mellitus..... (E10–E149)	14	1.2	*
9	Influenza and pneumonia..... (J09–J18)	8	0.7	*
10	Cerebrovascular diseases..... (I60–I69)	7	0.6	*
...	All other causes..... (residual)	213	17.7	111.5
American Indian and Alaska Native, non-Hispanic, male, 35–44 years				
...	All causes.....	1,574	100.0	1,002.0
1	Accidents (unintentional injuries)..... (V01–X59,Y85–Y86)	394	25.0	250.8
2	Chronic liver disease and cirrhosis..... (K70,K73–K74)	245	15.6	156.0
3	COVID-19..... (U07.1)	196	12.5	124.8
4	Diseases of heart..... (I00–I09,I11,I13,I20–I51)	117	7.4	74.5
5	Intentional self-harm (suicide)..... (*U03,X60–X84,Y87.0)	108	6.9	68.7
6	Assault (homicide)..... (*U01–*U02.9,X85–Y09,Y87.1)	70	4.4	44.6
7	Diabetes mellitus..... (E10–E149)	48	3.0	30.6
8	Malignant neoplasms..... (C00–C97)	38	2.4	24.2
9	Septicemia..... (A40–A41)	16	1.0	*
10	Influenza and pneumonia..... (J09–J18)	15	1.0	*
...	All other causes..... (residual)	327	20.8	208.2
American Indian and Alaska Native, non-Hispanic, male, 45–54 years				
...	All causes.....	2,030	100.0	1,456.6
1	COVID-19..... (U07.1)	389	19.2	279.1
2	Accidents (unintentional injuries)..... (V01–X59,Y85–Y86)	346	17.0	248.3
3	Chronic liver disease and cirrhosis..... (K70,K73–K74)	284	14.0	203.8
4	Diseases of heart..... (I00–I09,I11,I13,I20–I51)	210	10.3	150.7
5	Malignant neoplasms..... (C00–C97)	125	6.2	89.7
6	Diabetes mellitus..... (E10–E149)	115	5.7	82.5
7	Intentional self-harm (suicide)..... (*U03,X60–X84,Y87.0)	35	1.7	25.1
8	Assault (homicide)..... (*U01–*U02.9,X85–Y09,Y87.1)	33	1.6	23.7
9	Septicemia..... (A40–A41)	30	1.5	21.5
10	Cerebrovascular diseases..... (I60–I69)	28	1.4	20.1
...	All other causes..... (residual)	435	21.4	312.1
American Indian and Alaska Native, non-Hispanic, male, 55–64 years				
...	All causes.....	3,140	100.0	2,182.4
1	COVID-19..... (U07.1)	621	19.8	431.6
2	Diseases of heart..... (I00–I09,I11,I13,I20–I51)	554	17.6	385.1
3	Malignant neoplasms..... (C00–C97)	412	13.1	286.4
4	Accidents (unintentional injuries)..... (V01–X59,Y85–Y86)	299	9.5	207.8
5	Chronic liver disease and cirrhosis..... (K70,K73–K74)	259	8.2	180.0
6	Diabetes mellitus..... (E10–E149)	187	6.0	130.0
7	Cerebrovascular diseases..... (I60–I69)	66	2.1	45.9
8	Chronic lower respiratory diseases..... (J40–J47)	62	2.0	43.1
9	Influenza and pneumonia..... (J09–J18)	40	1.3	27.8
10	Intentional self-harm (suicide)..... (*U03,X60–X84,Y87.0)	39	1.2	27.1
...	All other causes..... (residual)	601	19.1	417.7

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
American Indian and Alaska Native, non-Hispanic, male, 65 years and older				
...	All causes.....	6,130	100.0	4,145.1
1	Diseases of heart..... (I00-I09,I11,I13,I20-I51)	1,296	21.1	876.4
2	COVID-19..... (U07.1)	1,113	18.2	752.6
3	Malignant neoplasms..... (C00-C97)	995	16.2	672.8
4	Diabetes mellitus..... (E10-E149)	321	5.2	217.1
5	Chronic lower respiratory diseases..... (J40-J47)	288	4.7	194.7
6	Cerebrovascular diseases..... (I60-I69)	235	3.8	158.9
7	Accidents (unintentional injuries)..... (V01-X59,Y85-Y86)	203	3.3	137.3
8	Chronic liver disease and cirrhosis..... (K70,K73-K74)	115	1.9	77.8
9	Nephritis, nephrotic syndrome and nephrosis..... (N00-N07,N17-N19,N25-N27)	107	1.7	72.4
10	Alzheimer disease..... (G30)	93	1.5	62.9
10	Influenza and pneumonia..... (J09-J18)	93	1.5	62.9
...	All other causes..... (residual)	1,271	20.7	859.5
American Indian and Alaska Native, non-Hispanic, male, 65-74 years				
...	All causes.....	2,886	100.0	2,963.9
1	Diseases of heart..... (I00-I09,I11,I13,I20-I51)	588	20.4	603.9
2	COVID-19..... (U07.1)	585	20.3	600.8
3	Malignant neoplasms..... (C00-C97)	469	16.3	481.7
4	Diabetes mellitus..... (E10-E149)	181	6.3	185.9
5	Chronic lower respiratory diseases..... (J40-J47)	129	4.5	132.5
6	Accidents (unintentional injuries)..... (V01-X59,Y85-Y86)	114	4.0	117.1
7	Cerebrovascular diseases..... (I60-I69)	90	3.1	92.4
8	Chronic liver disease and cirrhosis..... (K70,K73-K74)	87	3.0	89.3
9	Nephritis, nephrotic syndrome and nephrosis..... (N00-N07,N17-N19,N25-N27)	48	1.7	49.3
10	Influenza and pneumonia..... (J09-J18)	35	1.2	35.9
...	All other causes..... (residual)	560	19.4	575.1
American Indian and Alaska Native, non-Hispanic, male, 75-84 years				
...	All causes.....	2,165	100.0	5,450.8
1	Diseases of heart..... (I00-I09,I11,I13,I20-I51)	459	21.2	1,155.6
2	Malignant neoplasms..... (C00-C97)	390	18.0	981.9
3	COVID-19..... (U07.1)	378	17.5	951.7
4	Chronic lower respiratory diseases..... (J40-J47)	111	5.1	279.5
5	Diabetes mellitus..... (E10-E149)	105	4.8	264.4
6	Cerebrovascular diseases..... (I60-I69)	89	4.1	224.1
7	Accidents (unintentional injuries)..... (V01-X59,Y85-Y86)	58	2.7	146.0
8	Alzheimer disease..... (G30)	50	2.3	125.9
9	Influenza and pneumonia..... (J09-J18)	33	1.5	83.1
10	Nephritis, nephrotic syndrome and nephrosis..... (N00-N07,N17-N19,N25-N27)	31	1.4	78.0
...	All other causes..... (residual)	461	21.3	1,160.7
American Indian and Alaska Native, non-Hispanic, male, 85 years and older				
...	All causes.....	1,079	100.0	9,996.3
1	Diseases of heart..... (I00-I09,I11,I13,I20-I51)	249	23.1	2,306.8
2	COVID-19..... (U07.1)	150	13.9	1,389.7
3	Malignant neoplasms..... (C00-C97)	136	12.6	1,260.0
4	Cerebrovascular diseases..... (I60-I69)	56	5.2	518.8
5	Chronic lower respiratory diseases..... (J40-J47)	48	4.4	444.7
6	Diabetes mellitus..... (E10-E149)	35	3.2	324.3
7	Alzheimer disease..... (G30)	31	2.9	287.2
7	Accidents (unintentional injuries)..... (V01-X59,Y85-Y86)	31	2.9	287.2
9	Nephritis, nephrotic syndrome and nephrosis..... (N00-N07,N17-N19,N25-N27)	28	2.6	259.4
10	Influenza and pneumonia..... (J09-J18)	25	2.3	231.6
...	All other causes..... (residual)	290	26.9	2,686.7

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
American Indian and Alaska Native, non-Hispanic, female, all ages ⁴				
...	All causes	12,248	100.0	986.2
1	COVID-19 (U07.1)	2,192	17.9	176.5
2	Malignant neoplasms (C00-C97)	1,563	12.8	125.9
3	Diseases of heart (I00-I09,I11,I13,I20-I51)	1,526	12.5	122.9
4	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	1,058	8.6	85.2
5	Chronic liver disease and cirrhosis (K70,K73-K74)	850	6.9	68.4
6	Diabetes mellitus (E10-E149)	580	4.7	46.7
7	Chronic lower respiratory diseases (J40-J47)	453	3.7	36.5
8	Cerebrovascular diseases (I60-I69)	448	3.7	36.1
9	Alzheimer disease (G30)	269	2.2	21.7
10	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	210	1.7	16.9
...	All other causes (residual)	3,099	25.3	249.5
American Indian and Alaska Native, non-Hispanic, female, 1-4 years				
...	All causes	21	100.0	37.0
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	7	33.3	*
2	Assault (homicide) (*U01-*U02.9,X85-Y09,Y87.1)	4	19.0	*
3	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	3	14.3	*
4	COVID-19 (U07.1)	1	4.8	*
...	All other causes (residual)	6	28.6	*
American Indian and Alaska Native, non-Hispanic, female, 5-9 years				
...	All causes	16	100.0	*
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	12	75.0	*
2	Chronic lower respiratory diseases (J40-J47)	1	6.3	*
2	COVID-19 (U07.1)	1	6.3	*
...	All other causes (residual)	2	12.5	*
American Indian and Alaska Native, non-Hispanic, female, 10-14 years				
...	All causes	26	100.0	29.4
1	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	12	46.2	*
2	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	5	19.2	*
3	Malignant neoplasms (C00-C97)	4	15.4	*
4	Assault (homicide) (*U01-*U02.9,X85-Y09,Y87.1)	2	7.7	*
5	Diseases of heart (I00-I09,I11,I13,I20-I51)	1	3.8	*
5	COVID-19 (U07.1)	1	3.8	*
...	All other causes (residual)	1	3.8	*
American Indian and Alaska Native, non-Hispanic, female, 15-19 years				
...	All causes	82	100.0	92.4
1	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	40	48.8	45.1
2	Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)	25	30.5	28.2
3	Assault (homicide) (*U01-*U02.9,X85-Y09,Y87.1)	3	3.7	*
3	COVID-19 (U07.1)	3	3.7	*
5	Septicemia (A40-A41)	1	1.2	*
5	Malignant neoplasms (C00-C97)	1	1.2	*
5	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	1	1.2	*
...	All other causes (residual)	8	9.8	*

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
American Indian and Alaska Native, non-Hispanic, female, 20–24 years				
...	All causes	153	100.0	171.5
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	80	52.3	89.7
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	16	10.5	*
3	COVID-19 (U07.1)	9	5.9	*
4	Chronic liver disease and cirrhosis (K70,K73–K74)	6	3.9	*
4	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	6	3.9	*
6	Pregnancy, childbirth and the puerperium (O00–O99)	5	3.3	*
6	Malignant neoplasms (C00–C97)	5	3.3	*
8	Diseases of heart (I00–I09,I11,I13,I20–I51)	3	2.0	*
9	Septicemia (A40–A41)	2	1.3	*
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	2	1.3	*
9	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	2	1.3	*
...	All other causes (residual)	17	11.1	*
American Indian and Alaska Native, non-Hispanic, female, 25–34 years				
...	All causes	672	100.0	361.9
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	210	31.3	113.1
2	Chronic liver disease and cirrhosis (K70,K73–K74)	102	15.2	54.9
3	COVID-19 (U07.1)	64	9.5	34.5
4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	50	7.4	26.9
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	24	3.6	12.9
6	Malignant neoplasms (C00–C97)	22	3.3	11.8
7	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	20	3.0	10.8
8	Diabetes mellitus (E10–E149)	15	2.2	*
9	Pregnancy, childbirth and the puerperium (O00–O99)	12	1.8	*
10	Septicemia (A40–A41)	8	1.2	*
...	All other causes (residual)	145	21.6	78.1
American Indian and Alaska Native, non-Hispanic, female, 35–44 years				
...	All causes	1,008	100.0	637.8
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	214	21.2	135.4
2	Chronic liver disease and cirrhosis (K70,K73–K74)	184	18.3	116.4
3	COVID-19 (U07.1)	154	15.3	97.4
4	Malignant neoplasms (C00–C97)	57	5.7	36.1
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	50	5.0	31.6
6	Diabetes mellitus (E10–E149)	40	4.0	25.3
7	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	37	3.7	23.4
8	Pregnancy, childbirth and the puerperium (O00–O99)	25	2.5	15.8
9	Cerebrovascular diseases (I60–I69)	15	1.5	*
9	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	15	1.5	*
...	All other causes (residual)	217	21.5	137.3
American Indian and Alaska Native, non-Hispanic, female, 45–54 years				
...	All causes	1,343	100.0	935.0
1	COVID-19 (U07.1)	265	19.7	184.5
2	Chronic liver disease and cirrhosis (K70,K73–K74)	225	16.8	156.6
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	176	13.1	122.5
4	Malignant neoplasms (C00–C97)	121	9.0	84.2
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	108	8.0	75.2
6	Diabetes mellitus (E10–E149)	74	5.5	51.5
7	Cerebrovascular diseases (I60–I69)	31	2.3	21.6
8	Chronic lower respiratory diseases (J40–J47)	26	1.9	18.1
9	Septicemia (A40–A41)	20	1.5	13.9
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	18	1.3	*
...	All other causes (residual)	279	20.8	194.2

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
American Indian and Alaska Native, non-Hispanic, female, 55–64 years				
...	All causes	2,204	100.0	1,397.0
1	COVID-19 (U07.1)	482	21.9	305.5
2	Malignant neoplasms (C00–C97)	355	16.1	225.0
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	249	11.3	157.8
4	Chronic liver disease and cirrhosis (K70,K73–K74)	220	10.0	139.4
5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	139	6.3	88.1
6	Diabetes mellitus (E10–E149)	108	4.9	68.5
7	Chronic lower respiratory diseases (J40–J47)	82	3.7	52.0
8	Cerebrovascular diseases (I60–I69)	58	2.6	36.8
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	33	1.5	20.9
10	Septicemia (A40–A41)	31	1.4	19.6
...	All other causes (residual)	447	20.3	283.3
American Indian and Alaska Native, non-Hispanic, female, 65 years and older				
...	All causes	6,633	100.0	3,678.8
1	COVID-19 (U07.1)	1,212	18.3	672.2
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,091	16.4	605.1
3	Malignant neoplasms (C00–C97)	998	15.0	553.5
4	Diabetes mellitus (E10–E149)	343	5.2	190.2
5	Cerebrovascular diseases (I60–I69)	337	5.1	186.9
6	Chronic lower respiratory diseases (J40–J47)	336	5.1	186.4
7	Alzheimer disease (G30)	263	4.0	145.9
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	169	2.5	93.7
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	145	2.2	80.4
10	Chronic liver disease and cirrhosis (K70,K73–K74)	113	1.7	62.7
...	All other causes (residual)	1,626	24.5	901.8
American Indian and Alaska Native, non-Hispanic, female, 65–74 years				
...	All causes	2,620	100.0	2,311.9
1	COVID-19 (U07.1)	614	23.4	541.8
2	Malignant neoplasms (C00–C97)	467	17.8	412.1
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	343	13.1	302.7
4	Diabetes mellitus (E10–E149)	144	5.5	127.1
4	Chronic lower respiratory diseases (J40–J47)	144	5.5	127.1
6	Cerebrovascular diseases (I60–I69)	89	3.4	78.5
7	Chronic liver disease and cirrhosis (K70,K73–K74)	80	3.1	70.6
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	72	2.7	63.5
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	66	2.5	58.2
10	Alzheimer disease (G30)	31	1.2	27.4
...	All other causes (residual)	570	21.8	503.0
American Indian and Alaska Native, non-Hispanic, female, 75–84 years				
...	All causes	2,236	100.0	4,525.7
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	386	17.3	781.3
2	COVID-19 (U07.1)	374	16.7	757.0
3	Malignant neoplasms (C00–C97)	372	16.6	752.9
4	Chronic lower respiratory diseases (J40–J47)	131	5.9	265.1
5	Diabetes mellitus (E10–E149)	125	5.6	253.0
6	Cerebrovascular diseases (I60–I69)	122	5.5	246.9
7	Alzheimer disease (G30)	90	4.0	182.2
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	55	2.5	111.3
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	47	2.1	95.1
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	37	1.7	74.9
...	All other causes (residual)	497	22.2	1,005.9

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
American Indian and Alaska Native, non-Hispanic, female, 85 years and older				
...	All causes	1,777	100.0	10,116.1
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	362	20.4	2,060.8
2	COVID-19 (U07.1)	224	12.6	1,275.2
3	Malignant neoplasms (C00–C97)	159	8.9	905.2
4	Alzheimer disease (G30)	142	8.0	808.4
5	Cerebrovascular diseases (I60–I69)	126	7.1	717.3
6	Diabetes mellitus (E10–E149)	74	4.2	421.3
7	Chronic lower respiratory diseases (J40–J47)	61	3.4	347.3
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	42	2.4	239.1
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	32	1.8	182.2
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	27	1.5	153.7
10	Influenza and pneumonia (J09–J18)	27	1.5	153.7
...	All other causes (residual)	501	28.2	2,852.1
Asian, non-Hispanic, both sexes, all ages ⁴				
...	All causes	92,432	100.0	469.5
1	Malignant neoplasms (C00–C97)	19,271	20.8	97.9
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	17,009	18.4	86.4
3	COVID-19 (U07.1)	12,757	13.8	64.8
4	Cerebrovascular diseases (I60–I69)	6,428	7.0	32.7
5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	3,768	4.1	19.1
6	Diabetes mellitus (E10–E149)	3,639	3.9	18.5
7	Alzheimer disease (G30)	3,203	3.5	16.3
8	Essential hypertension and hypertensive renal disease (I10,I12,I15)	1,828	2.0	9.3
9	Chronic lower respiratory diseases (J40–J47)	1,754	1.9	8.9
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	1,639	1.8	8.3
...	All other causes (residual)	21,136	22.9	107.4
Asian, non-Hispanic, both sexes, 1–4 years				
...	All causes	120	100.0	13.9
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	31	25.8	3.6
2	Malignant neoplasms (C00–C97)	18	15.0	*
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	14	11.7	*
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	9	7.5	*
5	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	4	3.3	*
6	Certain conditions originating in the perinatal period (P00–P96)	3	2.5	*
6	COVID-19 (U07.1)	3	2.5	*
8	Cerebrovascular diseases (I60–I69)	2	1.7	*
8	Influenza and pneumonia (J09–J18)	2	1.7	*
10	Anemias (D50–D64)	1	0.8	*
10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	1	0.8	*
10	Meningitis (G00,G03)	1	0.8	*
10	Acute bronchitis and bronchiolitis (J20–J21)	1	0.8	*
...	All other causes (residual)	30	25.0	3.5

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Asian, non-Hispanic, both sexes, 5–9 years				
...	All causes	91	100.0	7.9
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	28	30.8	2.4
2	Malignant neoplasms (C00–C97)	16	17.6	*
3	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	7	7.7	*
4	Cerebrovascular diseases (I60–I69)	5	5.5	*
4	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	5	5.5	*
6	COVID-19 (U07.1)	3	3.3	*
6	Septicemia (A40–A41)	3	3.3	*
8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	2	2.2	*
8	Anemias (D50–D64)	2	2.2	*
10	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1	1.1	*
10	Certain conditions originating in the perinatal period (P00–P96)	1	1.1	*
10	Diseases of heart (I00–I09,I11,I13,I20–I51)	1	1.1	*
...	All other causes (residual)	17	18.7	*
Asian, non-Hispanic, both sexes, 10–14 years				
...	All causes	101	100.0	9.1
1	Malignant neoplasms (C00–C97)	25	24.8	2.3
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	20	19.8	1.8
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	20	19.8	1.8
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	5	5.0	*
4	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	5	5.0	*
6	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	3	3.0	*
7	Cerebrovascular diseases (I60–I69)	2	2.0	*
8	Septicemia (A40–A41)	1	1.0	*
8	COVID-19 (U07.1)	1	1.0	*
8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	1	1.0	*
8	Influenza and pneumonia (J09–J18)	1	1.0	*
8	Diseases of appendix (K35–K38)	1	1.0	*
...	All other causes (residual)	16	15.8	*
Asian, non-Hispanic, both sexes, 15–19 years				
...	All causes	284	100.0	25.1
1	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	98	34.5	8.7
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	71	25.0	6.3
3	Malignant neoplasms (C00–C97)	25	8.8	2.2
4	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	16	5.6	*
5	COVID-19 (U07.1)	13	4.6	*
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	7	2.5	*
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	7	2.5	*
8	Cerebrovascular diseases (I60–I69)	3	1.1	*
9	Pregnancy, childbirth and the puerperium (O00–O99)	1	0.4	*
9	Anemias (D50–D64)	1	0.4	*
9	Septicemia (A40–A41)	1	0.4	*
9	Influenza and pneumonia (J09–J18)	1	0.4	*
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	1	0.4	*
9	Legal intervention (Y35,Y89.0)	1	0.4	*
9	Diabetes mellitus (E10–E149)	1	0.4	*
9	Complications of medical and surgical care (Y40–Y84,Y88)	1	0.4	*
...	All other causes (residual)	36	12.7	3.2

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Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Asian, non-Hispanic, both sexes, 20–24 years				
...	All causes.....	618	100.0	50.8
1	Intentional self-harm (suicide)..... (*U03,X60–X84,Y87.0)	206	33.3	16.9
2	Accidents (unintentional injuries)..... (V01–X59,Y85–Y86)	193	31.2	15.9
3	COVID-19..... (U07.1)	38	6.1	3.1
4	Assault (homicide)..... (*U01–*U02.9,X85–Y09,Y87.1)	37	6.0	3.0
5	Malignant neoplasms..... (C00–C97)	23	3.7	1.9
6	Diseases of heart..... (I00–I09,I11,I13,I20–I51)	21	3.4	1.7
7	Cerebrovascular diseases..... (I60–I69)	8	1.3	*
7	Congenital malformations, deformations and chromosomal abnormalities..... (Q00–Q99)	8	1.3	*
9	Pregnancy, childbirth and the puerperium..... (O00–O99)	4	0.6	*
10	Septicemia..... (A40–A41)	3	0.5	*
...	All other causes..... (residual)	77	12.5	6.3
Asian, non-Hispanic, both sexes, 25–34 years				
...	All causes.....	1,672	100.0	53.1
1	Accidents (unintentional injuries)..... (V01–X59,Y85–Y86)	459	27.5	14.6
2	Intentional self-harm (suicide)..... (*U03,X60–X84,Y87.0)	289	17.3	9.2
3	COVID-19..... (U07.1)	201	12.0	6.4
4	Malignant neoplasms..... (C00–C97)	195	11.7	6.2
5	Diseases of heart..... (I00–I09,I11,I13,I20–I51)	94	5.6	3.0
6	Assault (homicide)..... (*U01–*U02.9,X85–Y09,Y87.1)	64	3.8	2.0
7	Chronic liver disease and cirrhosis..... (K70,K73–K74)	33	2.0	1.0
8	Cerebrovascular diseases..... (I60–I69)	31	1.9	1.0
9	Pregnancy, childbirth and the puerperium..... (O00–O99)	25	1.5	0.8
10	Diabetes mellitus..... (E10–E149)	22	1.3	0.7
...	All other causes..... (residual)	259	15.5	8.2
Asian, non-Hispanic, both sexes, 35–44 years				
...	All causes.....	2,783	100.0	87.0
1	Malignant neoplasms..... (C00–C97)	555	19.9	17.3
2	Accidents (unintentional injuries)..... (V01–X59,Y85–Y86)	435	15.6	13.6
3	COVID-19..... (U07.1)	414	14.9	12.9
4	Diseases of heart..... (I00–I09,I11,I13,I20–I51)	331	11.9	10.3
5	Intentional self-harm (suicide)..... (*U03,X60–X84,Y87.0)	214	7.7	6.7
6	Cerebrovascular diseases..... (I60–I69)	107	3.8	3.3
7	Chronic liver disease and cirrhosis..... (K70,K73–K74)	105	3.8	3.3
8	Assault (homicide)..... (*U01–*U02.9,X85–Y09,Y87.1)	51	1.8	1.6
9	Diabetes mellitus..... (E10–E149)	43	1.5	1.3
10	Nephritis, nephrotic syndrome and nephrosis..... (N00–N07,N17–N19,N25–N27)	27	1.0	0.8
...	All other causes..... (residual)	501	18.0	15.7
Asian, non-Hispanic, both sexes, 45–54 years				
...	All causes.....	5,480	100.0	198.5
1	Malignant neoplasms..... (C00–C97)	1,638	29.9	59.3
2	COVID-19..... (U07.1)	923	16.8	33.4
3	Diseases of heart..... (I00–I09,I11,I13,I20–I51)	807	14.7	29.2
4	Accidents (unintentional injuries)..... (V01–X59,Y85–Y86)	364	6.6	13.2
5	Cerebrovascular diseases..... (I60–I69)	282	5.1	10.2
6	Intentional self-harm (suicide)..... (*U03,X60–X84,Y87.0)	207	3.8	7.5
7	Diabetes mellitus..... (E10–E149)	191	3.5	6.9
8	Chronic liver disease and cirrhosis..... (K70,K73–K74)	148	2.7	5.4
9	Nephritis, nephrotic syndrome and nephrosis..... (N00–N07,N17–N19,N25–N27)	65	1.2	2.4
10	Assault (homicide)..... (*U01–*U02.9,X85–Y09,Y87.1)	49	0.9	1.8
...	All other causes..... (residual)	806	14.7	29.2

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Asian, non-Hispanic, both sexes, 55–64 years				
...	All causes	10,364	100.0	468.8
1	Malignant neoplasms (C00–C97)	3,275	31.6	148.1
2	COVID-19 (U07.1)	1,904	18.4	86.1
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,714	16.5	77.5
4	Cerebrovascular diseases (I60–I69)	536	5.2	24.2
5	Diabetes mellitus (E10–E149)	423	4.1	19.1
6	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	364	3.5	16.5
7	Chronic liver disease and cirrhosis (K70,K73–K74)	170	1.6	7.7
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	138	1.3	6.2
9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	136	1.3	6.2
10	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	134	1.3	6.1
...	All other causes (residual)	1,570	15.1	71.0
Asian, non-Hispanic, both sexes, 65 years and older				
...	All causes	70,290	100.0	2,607.4
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	14,015	19.9	519.9
2	Malignant neoplasms (C00–C97)	13,497	19.2	500.7
3	COVID-19 (U07.1)	9,256	13.2	343.4
4	Cerebrovascular diseases (I60–I69)	5,448	7.8	202.1
5	Alzheimer disease (G30)	3,181	4.5	118.0
6	Diabetes mellitus (E10–E149)	2,958	4.2	109.7
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,788	2.5	66.3
8	Chronic lower respiratory diseases (J40–J47)	1,618	2.3	60.0
9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	1,617	2.3	60.0
10	Influenza and pneumonia (J09–J18)	1,400	2.0	51.9
...	All other causes (residual)	15,512	22.1	575.4
Asian, non-Hispanic, both sexes, 65–74 years				
...	All causes	17,702	100.0	1,082.0
1	Malignant neoplasms (C00–C97)	5,137	29.0	314.0
2	COVID-19 (U07.1)	3,233	18.3	197.6
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	2,994	16.9	183.0
4	Cerebrovascular diseases (I60–I69)	1,062	6.0	64.9
5	Diabetes mellitus (E10–E149)	817	4.6	49.9
6	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	449	2.5	27.4
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	292	1.6	17.8
8	Chronic lower respiratory diseases (J40–J47)	263	1.5	16.1
9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	261	1.5	16.0
10	Influenza and pneumonia (J09–J18)	257	1.5	15.7
...	All other causes (residual)	2,937	16.6	179.5
Asian, non-Hispanic, both sexes, 75–84 years				
...	All causes	22,964	100.0	3,014.3
1	Malignant neoplasms (C00–C97)	4,906	21.4	644.0
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	4,324	18.8	567.6
3	COVID-19 (U07.1)	3,227	14.1	423.6
4	Cerebrovascular diseases (I60–I69)	1,767	7.7	231.9
5	Diabetes mellitus (E10–E149)	1,036	4.5	136.0
6	Alzheimer disease (G30)	689	3.0	90.4
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	607	2.6	79.7
8	Chronic lower respiratory diseases (J40–J47)	554	2.4	72.7
9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	483	2.1	63.4
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	478	2.1	62.7
...	All other causes (residual)	4,893	21.3	642.3

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Asian, non-Hispanic, both sexes, 85 years and older				
...	All causes.....	29,624	100.0	9,945.8
1	Diseases of heart..... (I00-I09,I11,I13,I20-I51)	6,697	22.6	2,248.4
2	Malignant neoplasms..... (C00-C97)	3,454	11.7	1,159.6
3	COVID-19..... (U07.1)	2,796	9.4	938.7
4	Cerebrovascular diseases..... (I60-I69)	2,619	8.8	879.3
5	Alzheimer disease..... (G30)	2,376	8.0	797.7
6	Diabetes mellitus..... (E10-E149)	1,105	3.7	371.0
7	Essential hypertension and hypertensive renal disease..... (I10,I12,I15)	873	2.9	293.1
8	Chronic lower respiratory diseases..... (J40-J47)	801	2.7	268.9
9	Accidents (unintentional injuries)..... (V01-X59,Y85-Y86)	732	2.5	245.8
10	Influenza and pneumonia..... (J09-J18)	691	2.3	232.0
...	All other causes..... (residual)	7,480	25.2	2,511.3
Asian, non-Hispanic, male, all ages ⁴				
...	All causes.....	48,386	100.0	511.7
1	Malignant neoplasms..... (C00-C97)	9,528	19.7	100.8
2	Diseases of heart..... (I00-I09,I11,I13,I20-I51)	9,383	19.4	99.2
3	COVID-19..... (U07.1)	7,595	15.7	80.3
4	Cerebrovascular diseases..... (I60-I69)	2,848	5.9	30.1
5	Accidents (unintentional injuries)..... (V01-X59,Y85-Y86)	2,452	5.1	25.9
6	Diabetes mellitus..... (E10-E149)	1,963	4.1	20.8
7	Chronic lower respiratory diseases..... (J40-J47)	1,046	2.2	11.1
8	Alzheimer disease..... (G30)	968	2.0	10.2
9	Intentional self-harm (suicide)..... (*U03,X60-X84,Y87.0)	962	2.0	10.2
10	Influenza and pneumonia..... (J09-J18)	880	1.8	9.3
...	All other causes..... (residual)	10,761	22.2	113.8
Asian, non-Hispanic, male, 1-4 years				
...	All causes.....	65	100.0	14.5
1	Accidents (unintentional injuries)..... (V01-X59,Y85-Y86)	21	32.3	4.7
2	Malignant neoplasms..... (C00-C97)	10	15.4	*
3	Congenital malformations, deformations and chromosomal abnormalities..... (Q00-Q99)	7	10.8	*
4	Diseases of heart..... (I00-I09,I11,I13,I20-I51)	6	9.2	*
5	Assault (homicide)..... (*U01-*U02.9,X85-Y09,Y87.1)	3	4.6	*
6	Influenza and pneumonia..... (J09-J18)	2	3.1	*
7	Certain conditions originating in the perinatal period..... (P00-P96)	1	1.5	*
7	COVID-19..... (U07.1)	1	1.5	*
7	Anemias..... (D50-D64)	1	1.5	*
7	Acute bronchitis and bronchiolitis..... (J20-J21)	1	1.5	*
...	All other causes..... (residual)	12	18.5	*
Asian, non-Hispanic, male, 5-9 years				
...	All causes.....	54	100.0	9.1
1	Accidents (unintentional injuries)..... (V01-X59,Y85-Y86)	17	31.5	*
2	Malignant neoplasms..... (C00-C97)	9	16.7	*
3	Cerebrovascular diseases..... (I60-I69)	4	7.4	*
3	Congenital malformations, deformations and chromosomal abnormalities..... (Q00-Q99)	4	7.4	*
5	Assault (homicide)..... (*U01-*U02.9,X85-Y09,Y87.1)	2	3.7	*
5	Anemias..... (D50-D64)	2	3.7	*
7	Septicemia..... (A40-A41)	1	1.9	*
7	Intentional self-harm (suicide)..... (*U03,X60-X84,Y87.0)	1	1.9	*
7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior..... (D00-D48)	1	1.9	*
7	Certain conditions originating in the perinatal period..... (P00-P96)	1	1.9	*
...	All other causes..... (residual)	12	22.2	*

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Asian, non-Hispanic, male, 10–14 years				
...	All causes	57	100.0	10.0
1	Malignant neoplasms (C00–C97)	15	26.3	*
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	14	24.6	*
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	11	19.3	*
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	3	5.3	*
5	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	2	3.5	*
6	Cerebrovascular diseases (I60–I69)	1	1.8	*
6	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	1	1.8	*
6	Diseases of appendix (K35–K38)	1	1.8	*
...	All other causes (residual)	9	15.8	*
Asian, non-Hispanic, male, 15–19 years				
...	All causes	183	100.0	32.2
1	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	65	35.5	11.4
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	49	26.8	8.6
3	Malignant neoplasms (C00–C97)	16	8.7	*
4	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	14	7.7	*
5	COVID-19 (U07.1)	7	3.8	*
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	3	1.6	*
6	Cerebrovascular diseases (I60–I69)	3	1.6	*
8	Diseases of heart (I00–I09,I11,I13,I20–I51)	2	1.1	*
9	Anemias (D50–D64)	1	0.5	*
9	Legal intervention (Y35,Y89.0)	1	0.5	*
9	Diabetes mellitus (E10–E149)	1	0.5	*
9	Septicemia (A40–A41)	1	0.5	*
...	All other causes (residual)	20	10.9	3.5
Asian, non-Hispanic, male, 20–24 years				
...	All causes	439	100.0	71.8
1	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	157	35.8	25.7
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	142	32.3	23.2
3	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	25	5.7	4.1
3	COVID-19 (U07.1)	25	5.7	4.1
5	Malignant neoplasms (C00–C97)	17	3.9	*
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	15	3.4	*
7	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	5	1.1	*
8	Septicemia (A40–A41)	2	0.5	*
8	Legal intervention (Y35,Y89.0)	2	0.5	*
10	Tuberculosis (A16–A19)	1	0.2	*
10	Cerebrovascular diseases (I60–I69)	1	0.2	*
10	Chronic liver disease and cirrhosis (K70,K73–K74)	1	0.2	*
10	Diabetes mellitus (E10–E149)	1	0.2	*
10	Parkinson disease (G20–G21)	1	0.2	*
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	1	0.2	*
10	Influenza and pneumonia (J09–J18)	1	0.2	*
10	Chronic lower respiratory diseases (J40–J47)	1	0.2	*
10	Pneumonitis due to solids and liquids (J69)	1	0.2	*
10	Complications of medical and surgical care (Y40–Y84,Y88)	1	0.2	*
...	All other causes (residual)	39	8.9	6.4

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Asian, non-Hispanic, male, 25–34 years				
...	All causes	1,158	100.0	74.8
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	364	31.4	23.5
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	216	18.7	13.9
3	COVID-19 (U07.1)	139	12.0	9.0
4	Malignant neoplasms (C00–C97)	91	7.9	5.9
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	72	6.2	4.6
6	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	44	3.8	2.8
7	Chronic liver disease and cirrhosis (K70,K73–K74)	26	2.2	1.7
8	Cerebrovascular diseases (I60–I69)	17	1.5	*
9	Diabetes mellitus (E10–E149)	14	1.2	*
10	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	11	0.9	*
...	All other causes (residual)	164	14.2	10.6
Asian, non-Hispanic, male, 35–44 years				
...	All causes	1,821	100.0	119.7
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	339	18.6	22.3
2	COVID-19 (U07.1)	284	15.6	18.7
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	266	14.6	17.5
4	Malignant neoplasms (C00–C97)	234	12.9	15.4
5	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	153	8.4	10.1
6	Chronic liver disease and cirrhosis (K70,K73–K74)	76	4.2	5.0
7	Cerebrovascular diseases (I60–I69)	68	3.7	4.5
8	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	36	2.0	2.4
9	Diabetes mellitus (E10–E149)	29	1.6	1.9
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	18	1.0	*
...	All other causes (residual)	318	17.5	20.9
Asian, non-Hispanic, male, 45–54 years				
...	All causes	3,453	100.0	265.5
1	Malignant neoplasms (C00–C97)	702	20.3	54.0
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	678	19.6	52.1
3	COVID-19 (U07.1)	615	17.8	47.3
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	276	8.0	21.2
5	Cerebrovascular diseases (I60–I69)	170	4.9	13.1
6	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	143	4.1	11.0
7	Diabetes mellitus (E10–E149)	142	4.1	10.9
8	Chronic liver disease and cirrhosis (K70,K73–K74)	112	3.2	8.6
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	36	1.0	2.8
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	35	1.0	2.7
...	All other causes (residual)	544	15.8	41.8
Asian, non-Hispanic, male, 55–64 years				
...	All causes	6,477	100.0	632.5
1	Malignant neoplasms (C00–C97)	1,656	25.6	161.7
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,318	20.3	128.7
3	COVID-19 (U07.1)	1,243	19.2	121.4
4	Cerebrovascular diseases (I60–I69)	325	5.0	31.7
5	Diabetes mellitus (E10–E149)	286	4.4	27.9
6	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	269	4.2	26.3
7	Chronic liver disease and cirrhosis (K70,K73–K74)	122	1.9	11.9
8	Essential hypertension and hypertensive renal disease (I10,I12,I15)	104	1.6	10.2
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	94	1.5	9.2
10	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	86	1.3	8.4
...	All other causes (residual)	974	15.0	95.1

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Asian, non-Hispanic, male, 65 years and older				
...	All causes	34,326	100.0	2,925.6
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	7,021	20.5	598.4
2	Malignant neoplasms (C00-C97)	6,778	19.7	577.7
3	COVID-19 (U07.1)	5,281	15.4	450.1
4	Cerebrovascular diseases (I60-I69)	2,257	6.6	192.4
5	Diabetes mellitus (E10-E149)	1,490	4.3	127.0
6	Alzheimer disease (G30)	961	2.8	81.9
7	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	953	2.8	81.2
8	Chronic lower respiratory diseases (J40-J47)	952	2.8	81.1
9	Influenza and pneumonia (J09-J18)	761	2.2	64.9
10	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	703	2.0	59.9
...	All other causes (residual)	7,169	20.9	611.0
Asian, non-Hispanic, male, 65-74 years				
...	All causes	10,155	100.0	1,400.2
1	Malignant neoplasms (C00-C97)	2,660	26.2	366.8
2	COVID-19 (U07.1)	2,035	20.0	280.6
3	Diseases of heart (I00-I09,I11,I13,I20-I51)	1,928	19.0	265.8
4	Cerebrovascular diseases (I60-I69)	534	5.3	73.6
5	Diabetes mellitus (E10-E149)	486	4.8	67.0
6	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	282	2.8	38.9
7	Chronic lower respiratory diseases (J40-J47)	177	1.7	24.4
8	Influenza and pneumonia (J09-J18)	156	1.5	21.5
9	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	151	1.5	20.8
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	143	1.4	19.7
...	All other causes (residual)	1,603	15.8	221.0
Asian, non-Hispanic, male, 75-84 years				
...	All causes	12,175	100.0	3,636.7
1	Malignant neoplasms (C00-C97)	2,536	20.8	757.5
2	Diseases of heart (I00-I09,I11,I13,I20-I51)	2,365	19.4	706.4
3	COVID-19 (U07.1)	1,888	15.5	564.0
4	Cerebrovascular diseases (I60-I69)	843	6.9	251.8
5	Diabetes mellitus (E10-E149)	535	4.4	159.8
6	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	346	2.8	103.4
7	Chronic lower respiratory diseases (J40-J47)	337	2.8	100.7
8	Parkinson disease (G20-G21)	298	2.4	89.0
9	Influenza and pneumonia (J09-J18)	281	2.3	83.9
10	Alzheimer disease (G30)	258	2.1	77.1
10	Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)	258	2.1	77.1
...	All other causes (residual)	2,230	18.3	666.1
Asian, non-Hispanic, male, 85 years and older				
...	All causes	11,996	100.0	10,593.4
1	Diseases of heart (I00-I09,I11,I13,I20-I51)	2,728	22.7	2,409.0
2	Malignant neoplasms (C00-C97)	1,582	13.2	1,397.0
3	COVID-19 (U07.1)	1,358	11.3	1,199.2
4	Cerebrovascular diseases (I60-I69)	880	7.3	777.1
5	Alzheimer disease (G30)	665	5.5	587.2
6	Diabetes mellitus (E10-E149)	469	3.9	414.2
7	Chronic lower respiratory diseases (J40-J47)	438	3.7	386.8
8	Accidents (unintentional injuries) (V01-X59,Y85-Y86)	325	2.7	287.0
9	Influenza and pneumonia (J09-J18)	324	2.7	286.1
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	323	2.7	285.2
...	All other causes (residual)	2,904	24.2	2,564.5

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Asian, non-Hispanic, female, all ages ⁴				
...	All causes	44,046	100.0	430.5
1	Malignant neoplasms (C00–C97)	9,743	22.1	95.2
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	7,626	17.3	74.5
3	COVID-19 (U07.1)	5,162	11.7	50.5
4	Cerebrovascular diseases (I60–I69)	3,580	8.1	35.0
5	Alzheimer disease (G30)	2,235	5.1	21.8
6	Diabetes mellitus (E10–E149)	1,676	3.8	16.4
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,316	3.0	12.9
8	Essential hypertension and hypertensive renal disease (I10,I12,I15)	970	2.2	9.5
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	783	1.8	7.7
10	Chronic lower respiratory diseases (J40–J47)	708	1.6	6.9
...	All other causes (residual)	10,247	23.3	100.2
Asian, non-Hispanic, female, 1–4 years				
...	All causes	55	100.0	13.1
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	10	18.2	*
2	Malignant neoplasms (C00–C97)	8	14.5	*
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	7	12.7	*
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	3	5.5	*
5	Certain conditions originating in the perinatal period (P00–P96)	2	3.6	*
5	Cerebrovascular diseases (I60–I69)	2	3.6	*
5	COVID-19 (U07.1)	2	3.6	*
8	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	1	1.8	*
8	Meningitis (G00,G03)	1	1.8	*
8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	1	1.8	*
...	All other causes (residual)	18	32.7	*
Asian, non-Hispanic, female, 5–9 years				
...	All causes	37	100.0	6.6
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	11	29.7	*
2	Malignant neoplasms (C00–C97)	7	18.9	*
3	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	5	13.5	*
4	COVID-19 (U07.1)	3	8.1	*
5	Septicemia (A40–A41)	2	5.4	*
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	1	2.7	*
6	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	1	2.7	*
6	Cerebrovascular diseases (I60–I69)	1	2.7	*
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1	2.7	*
...	All other causes (residual)	5	13.5	*
Asian, non-Hispanic, female, 10–14 years				
...	All causes	44	100.0	8.1
1	Malignant neoplasms (C00–C97)	10	22.7	*
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	9	20.5	*
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	6	13.6	*
4	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	3	6.8	*
4	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	3	6.8	*
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	2	4.5	*
7	COVID-19 (U07.1)	1	2.3	*
7	Septicemia (A40–A41)	1	2.3	*
7	Cerebrovascular diseases (I60–I69)	1	2.3	*
7	Influenza and pneumonia (J09–J18)	1	2.3	*
...	All other causes (residual)	7	15.9	*

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Asian, non-Hispanic, female, 15–19 years				
...	All causes	101	100.0	17.9
1	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	33	32.7	5.9
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	22	21.8	3.9
3	Malignant neoplasms (C00–C97)	9	8.9	*
4	COVID-19 (U07.1)	6	5.9	*
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	5	5.0	*
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	4	4.0	*
7	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	2	2.0	*
8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	1	1.0	*
8	Pregnancy, childbirth and the puerperium (O00–O99)	1	1.0	*
8	Influenza and pneumonia (J09–J18)	1	1.0	*
8	Complications of medical and surgical care (Y40–Y84,Y88)	1	1.0	*
...	All other causes (residual)	16	15.8	*
Asian, non-Hispanic, female, 20–24 years				
...	All causes	179	100.0	29.6
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	51	28.5	8.4
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	49	27.4	8.1
3	COVID-19 (U07.1)	13	7.3	*
4	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	12	6.7	*
5	Cerebrovascular diseases (I60–I69)	7	3.9	*
6	Malignant neoplasms (C00–C97)	6	3.4	*
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	6	3.4	*
8	Pregnancy, childbirth and the puerperium (O00–O99)	4	2.2	*
9	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	3	1.7	*
10	Septicemia (A40–A41)	1	0.6	*
10	Aortic aneurysm and dissection (I71)	1	0.6	*
10	Influenza and pneumonia (J09–J18)	1	0.6	*
10	Anemias (D50–D64)	1	0.6	*
10	Infections of kidney (N10–N12,N13.6,N15.1)	1	0.6	*
...	All other causes (residual)	23	12.8	3.8
Asian, non-Hispanic, female, 25–34 years				
...	All causes	514	100.0	32.1
1	Malignant neoplasms (C00–C97)	104	20.2	6.5
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	95	18.5	5.9
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	73	14.2	4.6
4	COVID-19 (U07.1)	62	12.1	3.9
5	Pregnancy, childbirth and the puerperium (O00–O99)	25	4.9	1.6
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	22	4.3	1.4
7	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	20	3.9	1.2
8	Cerebrovascular diseases (I60–I69)	14	2.7	*
9	Diabetes mellitus (E10–E149)	8	1.6	*
10	Chronic liver disease and cirrhosis (K70,K73–K74)	7	1.4	*
...	All other causes (residual)	84	16.3	5.2

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Asian, non-Hispanic, female, 35–44 years				
...	All causes	962	100.0	57.3
1	Malignant neoplasms (C00–C97)	321	33.4	19.1
2	COVID-19 (U07.1)	130	13.5	7.7
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	96	10.0	5.7
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	65	6.8	3.9
5	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	61	6.3	3.6
6	Cerebrovascular diseases (I60–I69)	39	4.1	2.3
7	Chronic liver disease and cirrhosis (K70,K73–K74)	29	3.0	1.7
8	Pregnancy, childbirth and the puerperium (O00–O99)	22	2.3	1.3
9	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	15	1.6	*
10	Diabetes mellitus (E10–E149)	14	1.5	*
...	All other causes (residual)	170	17.7	10.1
Asian, non-Hispanic, female, 45–54 years				
...	All causes	2,027	100.0	138.9
1	Malignant neoplasms (C00–C97)	936	46.2	64.1
2	COVID-19 (U07.1)	308	15.2	21.1
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	129	6.4	8.8
4	Cerebrovascular diseases (I60–I69)	112	5.5	7.7
5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	88	4.3	6.0
6	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	64	3.2	4.4
7	Diabetes mellitus (E10–E149)	49	2.4	3.4
8	Chronic liver disease and cirrhosis (K70,K73–K74)	36	1.8	2.5
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	29	1.4	2.0
10	Septicemia (A40–A41)	17	0.8	*
...	All other causes (residual)	259	12.8	17.7
Asian, non-Hispanic, female, 55–64 years				
...	All causes	3,887	100.0	327.6
1	Malignant neoplasms (C00–C97)	1,619	41.7	136.4
2	COVID-19 (U07.1)	661	17.0	55.7
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	396	10.2	33.4
4	Cerebrovascular diseases (I60–I69)	211	5.4	17.8
5	Diabetes mellitus (E10–E149)	137	3.5	11.5
6	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	95	2.4	8.0
7	Chronic liver disease and cirrhosis (K70,K73–K74)	48	1.2	4.0
7	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	48	1.2	4.0
9	Septicemia (A40–A41)	44	1.1	3.7
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	44	1.1	3.7
...	All other causes (residual)	584	15.0	49.2
Asian, non-Hispanic, female, 65 years and older				
...	All causes	35,964	100.0	2,362.2
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	6,994	19.4	459.4
2	Malignant neoplasms (C00–C97)	6,719	18.7	441.3
3	COVID-19 (U07.1)	3,975	11.1	261.1
4	Cerebrovascular diseases (I60–I69)	3,191	8.9	209.6
5	Alzheimer disease (G30)	2,220	6.2	145.8
6	Diabetes mellitus (E10–E149)	1,468	4.1	96.4
7	Essential hypertension and hypertensive renal disease (I10,I12,I15)	923	2.6	60.6
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	835	2.3	54.8
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	695	1.9	45.6
10	Chronic lower respiratory diseases (J40–J47)	666	1.9	43.7
...	All other causes (residual)	8,278	23.0	543.7

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Asian, non-Hispanic, female, 65–74 years				
...	All causes	7,547	100.0	828.6
1	Malignant neoplasms (C00–C97)	2,477	32.8	272.0
2	COVID-19 (U07.1)	1,198	15.9	131.5
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,066	14.1	117.0
4	Cerebrovascular diseases (I60–I69)	528	7.0	58.0
5	Diabetes mellitus (E10–E149)	331	4.4	36.3
6	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	167	2.2	18.3
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	141	1.9	15.5
8	Essential hypertension and hypertensive renal disease (I10,I12,I15)	118	1.6	13.0
9	Influenza and pneumonia (J09–J18)	101	1.3	11.1
10	Chronic lower respiratory diseases (J40–J47)	86	1.1	9.4
...	All other causes (residual)	1,334	17.7	146.5
Asian, non-Hispanic, female, 75–84 years				
...	All causes	10,789	100.0	2,526.3
1	Malignant neoplasms (C00–C97)	2,370	22.0	555.0
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,959	18.2	458.7
3	COVID-19 (U07.1)	1,339	12.4	313.5
4	Cerebrovascular diseases (I60–I69)	924	8.6	216.4
5	Diabetes mellitus (E10–E149)	501	4.6	117.3
6	Alzheimer disease (G30)	431	4.0	100.9
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	261	2.4	61.1
8	Essential hypertension and hypertensive renal disease (I10,I12,I15)	255	2.4	59.7
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	220	2.0	51.5
10	Chronic lower respiratory diseases (J40–J47)	217	2.0	50.8
...	All other causes (residual)	2,312	21.4	541.4
Asian, non-Hispanic, female, 85 years and older				
...	All causes	17,628	100.0	9,548.6
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	3,969	22.5	2,149.9
2	Malignant neoplasms (C00–C97)	1,872	10.6	1,014.0
3	Cerebrovascular diseases (I60–I69)	1,739	9.9	942.0
4	Alzheimer disease (G30)	1,711	9.7	926.8
5	COVID-19 (U07.1)	1,438	8.2	778.9
6	Diabetes mellitus (E10–E149)	636	3.6	344.5
7	Essential hypertension and hypertensive renal disease (I10,I12,I15)	550	3.1	297.9
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	407	2.3	220.5
9	Influenza and pneumonia (J09–J18)	367	2.1	198.8
10	Chronic lower respiratory diseases (J40–J47)	363	2.1	196.6
...	All other causes (residual)	4,576	26.0	2,478.7
Black, non-Hispanic, both sexes, all ages ⁴				
...	All causes	449,764	100.0	1,074.5
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	90,507	20.1	216.2
2	Malignant neoplasms (C00–C97)	70,036	15.6	167.3
3	COVID-19 (U07.1)	55,994	12.4	133.8
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	33,830	7.5	80.8
5	Cerebrovascular diseases (I60–I69)	22,837	5.1	54.6
6	Diabetes mellitus (E10–E149)	18,968	4.2	45.3
7	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	14,313	3.2	34.2
8	Chronic lower respiratory diseases (J40–J47)	11,218	2.5	26.8
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	10,434	2.3	24.9
10	Alzheimer disease (G30)	9,638	2.1	23.0
...	All other causes (residual)	111,989	24.9	267.5

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Black, non-Hispanic, both sexes, 1–4 years				
...	All causes	1,064	100.0	50.0
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	342	32.1	16.1
2	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	142	13.3	6.7
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	99	9.3	4.7
4	Malignant neoplasms (C00–C97)	58	5.5	2.7
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	33	3.1	1.6
6	Certain conditions originating in the perinatal period (P00–P96)	25	2.3	1.2
7	COVID-19 (U07.1)	13	1.2	*
7	Cerebrovascular diseases (I60–I69)	13	1.2	*
9	Septicemia (A40–A41)	12	1.1	*
9	Influenza and pneumonia (J09–J18)	12	1.1	*
9	Chronic lower respiratory diseases (J40–J47)	12	1.1	*
...	All other causes (residual)	303	28.5	14.2
Black, non-Hispanic, both sexes, 5–9 years				
...	All causes	651	100.0	23.4
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	238	36.6	8.6
2	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	103	15.8	3.7
3	Malignant neoplasms (C00–C97)	52	8.0	1.9
4	Chronic lower respiratory diseases (J40–J47)	33	5.1	1.2
5	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	27	4.1	1.0
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	21	3.2	.8
7	COVID-19 (U07.1)	16	2.5	*
8	Certain conditions originating in the perinatal period (P00–P96)	7	1.1	*
9	Influenza and pneumonia (J09–J18)	6	0.9	*
10	Cerebrovascular diseases (I60–I69)	5	0.8	*
10	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	5	0.8	*
...	All other causes (residual)	138	21.2	5.0
Black, non-Hispanic, both sexes, 10–14 years				
...	All causes	863	100.0	29.1
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	198	22.9	6.7
2	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	175	20.3	5.9
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	77	8.9	2.6
4	Malignant neoplasms (C00–C97)	73	8.5	2.5
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	42	4.9	1.4
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	38	4.4	1.3
7	Chronic lower respiratory diseases (J40–J47)	24	2.8	.8
8	COVID-19 (U07.1)	17	2.0	*
8	Diabetes mellitus (E10–E149)	17	2.0	*
10	Cerebrovascular diseases (I60–I69)	14	1.6	*
...	All other causes (residual)	188	21.8	6.3
Black, non-Hispanic, both sexes, 15–19 years				
...	All causes	3,734	100.0	127.7
1	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	1,797	48.1	61.5
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	847	22.7	29.0
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	300	8.0	10.3
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	108	2.9	3.7
5	COVID-19 (U07.1)	97	2.6	3.3
6	Malignant neoplasms (C00–C97)	80	2.1	2.7
7	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	43	1.2	1.5
8	Diabetes mellitus (E10–E149)	39	1.0	1.3
9	Chronic lower respiratory diseases (J40–J47)	28	0.7	1.0
10	Cerebrovascular diseases (I60–I69)	19	0.5	*
...	All other causes (residual)	376	10.1	12.9

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Black, non-Hispanic, both sexes, 20–24 years				
...	All causes	6,477	100.0	214.3
1	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	2,544	39.3	84.2
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,811	28.0	59.9
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	624	9.6	20.6
4	COVID-19 (U07.1)	235	3.6	7.8
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	192	3.0	6.4
6	Malignant neoplasms (C00–C97)	113	1.7	3.7
7	Diabetes mellitus (E10–E149)	81	1.3	2.7
8	Pregnancy, childbirth and the puerperium (O00–O99)	65	1.0	2.2
9	Cerebrovascular diseases (I60–I69)	30	0.5	1.0
10	Chronic lower respiratory diseases (J40–J47)	29	0.4	1.0
...	All other causes (residual)	753	11.6	24.9
Black, non-Hispanic, both sexes, 25–34 years				
...	All causes	19,442	100.0	296.8
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	6,026	31.0	92.0
2	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	4,666	24.0	71.2
3	COVID-19 (U07.1)	1,401	7.2	21.4
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,324	6.8	20.2
5	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1,094	5.6	16.7
6	Malignant neoplasms (C00–C97)	637	3.3	9.7
7	Diabetes mellitus (E10–E149)	445	2.3	6.8
8	Human immunodeficiency virus (HIV) disease (B20–B24)	322	1.7	4.9
9	Pregnancy, childbirth and the puerperium (O00–O99)	243	1.2	3.7
10	Cerebrovascular diseases (I60–I69)	154	0.8	2.4
...	All other causes (residual)	3,130	16.1	47.8
Black, non-Hispanic, both sexes, 35–44 years				
...	All causes	25,938	100.0	465.3
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	5,817	22.4	104.4
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	3,665	14.1	65.8
3	COVID-19 (U07.1)	3,307	12.7	59.3
4	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	2,536	9.8	45.5
5	Malignant neoplasms (C00–C97)	1,928	7.4	34.6
6	Diabetes mellitus (E10–E149)	907	3.5	16.3
7	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	664	2.6	11.9
8	Cerebrovascular diseases (I60–I69)	628	2.4	11.3
9	Chronic liver disease and cirrhosis (K70,K73–K74)	458	1.8	8.2
10	Human immunodeficiency virus (HIV) disease (B20–B24)	376	1.4	6.7
...	All other causes (residual)	5,652	21.8	101.4
Black, non-Hispanic, both sexes, 45–54 years				
...	All causes	41,975	100.0	827.8
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	8,534	20.3	168.3
2	COVID-19 (U07.1)	6,714	16.0	132.4
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	5,596	13.3	110.4
4	Malignant neoplasms (C00–C97)	5,243	12.5	103.4
5	Diabetes mellitus (E10–E149)	1,863	4.4	36.7
6	Cerebrovascular diseases (I60–I69)	1,457	3.5	28.7
7	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	1,217	2.9	24.0
8	Chronic liver disease and cirrhosis (K70,K73–K74)	907	2.2	17.9
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	791	1.9	15.6
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	662	1.6	13.1
...	All other causes (residual)	8,991	21.4	177.3

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Black, non-Hispanic, both sexes, 55–64 years				
...	All causes	85,176	100.0	1,681.3
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	18,549	21.8	366.2
2	Malignant neoplasms (C00–C97)	16,346	19.2	322.7
3	COVID-19 (U07.1)	12,260	14.4	242.0
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	6,759	7.9	133.4
5	Diabetes mellitus (E10–E149)	4,127	4.8	81.5
6	Cerebrovascular diseases (I60–I69)	3,588	4.2	70.8
7	Chronic lower respiratory diseases (J40–J47)	2,082	2.4	41.1
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	1,778	2.1	35.1
9	Chronic liver disease and cirrhosis (K70,K73–K74)	1,653	1.9	32.6
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	1,523	1.8	30.1
...	All other causes (residual)	16,511	19.4	325.9
Black, non-Hispanic, both sexes, 65 years and older				
...	All causes	258,753	100.0	4,903.1
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	57,962	22.4	1,098.3
2	Malignant neoplasms (C00–C97)	45,497	17.6	862.1
3	COVID-19 (U07.1)	31,908	12.3	604.6
4	Cerebrovascular diseases (I60–I69)	16,891	6.5	320.1
5	Diabetes mellitus (E10–E149)	11,486	4.4	217.6
6	Alzheimer disease (G30)	9,481	3.7	179.7
7	Chronic lower respiratory diseases (J40–J47)	8,159	3.2	154.6
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	7,379	2.9	139.8
9	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	5,748	2.2	108.9
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	5,338	2.1	101.2
...	All other causes (residual)	58,904	22.8	1,116.2
Black, non-Hispanic, both sexes, 65–74 years				
...	All causes	105,401	100.0	3,100.0
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	23,123	21.9	680.1
2	Malignant neoplasms (C00–C97)	22,686	21.5	667.2
3	COVID-19 (U07.1)	14,678	13.9	431.7
4	Cerebrovascular diseases (I60–I69)	5,661	5.4	166.5
5	Diabetes mellitus (E10–E149)	5,179	4.9	152.3
6	Chronic lower respiratory diseases (J40–J47)	3,526	3.3	103.7
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	3,359	3.2	98.8
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	2,917	2.8	85.8
9	Septicemia (A40–A41)	2,026	1.9	59.6
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	1,908	1.8	56.1
...	All other causes (residual)	20,338	19.3	598.2
Black, non-Hispanic, both sexes, 75–84 years				
...	All causes	83,750	100.0	6,003.1
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	18,312	21.9	1,312.6
2	Malignant neoplasms (C00–C97)	15,168	18.1	1,087.2
3	COVID-19 (U07.1)	10,549	12.6	756.1
4	Cerebrovascular diseases (I60–I69)	5,695	6.8	408.2
5	Diabetes mellitus (E10–E149)	3,988	4.8	285.9
6	Alzheimer disease (G30)	3,013	3.6	216.0
7	Chronic lower respiratory diseases (J40–J47)	2,835	3.4	203.2
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	2,581	3.1	185.0
9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	1,686	2.0	120.9
10	Septicemia (A40–A41)	1,536	1.8	110.1
...	All other causes (residual)	18,387	22.0	1,318.0

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Black, non-Hispanic, both sexes, 85 years and older				
...	All causes	69,602	100.0	14,435.6
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	16,527	23.7	3,427.7
2	Malignant neoplasms (C00–C97)	7,643	11.0	1,585.2
3	COVID-19 (U07.1)	6,681	9.6	1,385.7
4	Cerebrovascular diseases (I60–I69)	5,535	8.0	1,148.0
5	Alzheimer disease (G30)	5,425	7.8	1,125.2
6	Diabetes mellitus (E10–E149)	2,319	3.3	481.0
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	1,881	2.7	390.1
8	Chronic lower respiratory diseases (J40–J47)	1,798	2.6	372.9
9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	1,744	2.5	361.7
10	Septicemia (A40–A41)	1,032	1.5	214.0
...	All other causes (residual)	19,017	27.3	3,944.2
Black, non-Hispanic, male, all ages ⁴				
...	All causes	238,599	100.0	1,185.8
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	49,490	20.7	246.0
2	Malignant neoplasms (C00–C97)	35,235	14.8	175.1
3	COVID-19 (U07.1)	27,613	11.6	137.2
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	24,160	10.1	120.1
5	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	12,277	5.1	61.0
6	Cerebrovascular diseases (I60–I69)	10,428	4.4	51.8
7	Diabetes mellitus (E10–E149)	9,843	4.1	48.9
8	Chronic lower respiratory diseases (J40–J47)	5,586	2.3	27.8
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	5,189	2.2	25.8
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	3,875	1.6	19.3
...	All other causes (residual)	54,903	23.0	272.9
Black, non-Hispanic, male, 1–4 years				
...	All causes	571	100.0	53.0
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	196	34.3	18.2
2	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	81	14.2	7.5
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	40	7.0	3.7
4	Malignant neoplasms (C00–C97)	28	4.9	2.6
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	14	2.5	*
5	Certain conditions originating in the perinatal period (P00–P96)	14	2.5	*
7	Septicemia (A40–A41)	9	1.6	*
7	Cerebrovascular diseases (I60–I69)	9	1.6	*
9	COVID-19 (U07.1)	8	1.4	*
10	Chronic lower respiratory diseases (J40–J47)	6	1.1	*
...	All other causes (residual)	166	29.1	15.4
Black, non-Hispanic, male, 5–9 years				
...	All causes	378	100.0	26.9
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	150	39.7	10.7
2	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	55	14.6	3.9
3	Chronic lower respiratory diseases (J40–J47)	25	6.6	1.8
3	Malignant neoplasms (C00–C97)	25	6.6	1.8
5	COVID-19 (U07.1)	13	3.4	*
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	10	2.6	*
7	Diseases of heart (I00–I09,I11,I13,I20–I51)	9	2.4	*
8	Influenza and pneumonia (J09–J18)	5	1.3	*
9	Septicemia (A40–A41)	4	1.1	*
9	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	4	1.1	*
...	All other causes (residual)	78	20.6	5.5

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Black, non-Hispanic, male, 10–14 years				
...	All causes	545	100.0	36.2
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	142	26.1	9.4
2	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	130	23.9	8.6
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	40	7.3	2.7
3	Malignant neoplasms (C00–C97)	40	7.3	2.7
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	29	5.3	1.9
6	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	22	4.0	1.5
7	Chronic lower respiratory diseases (J40–J47)	15	2.8	*
8	Cerebrovascular diseases (I60–I69)	8	1.5	*
8	COVID-19 (U07.1)	8	1.5	*
10	Diabetes mellitus (E10–E149)	7	1.3	*
...	All other causes (residual)	104	19.1	6.9
Black, non-Hispanic, male, 15–19 years				
...	All causes	2,906	100.0	196.1
1	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	1,582	54.4	106.8
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	632	21.7	42.7
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	218	7.5	14.7
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	74	2.5	5.0
5	COVID-19 (U07.1)	53	1.8	3.6
6	Malignant neoplasms (C00–C97)	50	1.7	3.4
7	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	26	0.9	1.8
8	Diabetes mellitus (E10–E149)	24	0.8	1.6
9	Chronic lower respiratory diseases (J40–J47)	14	0.5	*
10	Cerebrovascular diseases (I60–I69)	10	0.3	*
...	All other causes (residual)	223	7.7	15.1
Black, non-Hispanic, male, 20–24 years				
...	All causes	4,851	100.0	317.9
1	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	2,242	46.2	146.9
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,269	26.2	83.2
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	515	10.6	33.7
4	COVID-19 (U07.1)	126	2.6	8.3
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	114	2.4	7.5
6	Malignant neoplasms (C00–C97)	62	1.3	4.1
7	Diabetes mellitus (E10–E149)	43	0.9	2.8
8	Legal intervention (Y35,Y89.0)	25	0.5	1.6
9	Chronic lower respiratory diseases (J40–J47)	17	0.4	*
9	Cerebrovascular diseases (I60–I69)	17	0.4	*
...	All other causes (residual)	421	8.7	27.6
Black, non-Hispanic, male, 25–34 years				
...	All causes	13,588	100.0	416.3
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	4,345	32.0	133.1
2	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	4,083	30.0	125.1
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	905	6.7	27.7
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	847	6.2	26.0
5	COVID-19 (U07.1)	731	5.4	22.4
6	Malignant neoplasms (C00–C97)	283	2.1	8.7
7	Diabetes mellitus (E10–E149)	260	1.9	8.0
8	Human immunodeficiency virus (HIV) disease (B20–B24)	247	1.8	7.6
9	Chronic lower respiratory diseases (J40–J47)	91	0.7	2.8
10	Cerebrovascular diseases (I60–I69)	85	0.6	2.6
...	All other causes (residual)	1,711	12.6	52.4

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Black, non-Hispanic, male, 35–44 years				
...	All causes	16,320	100.0	608.6
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	4,273	26.2	159.4
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	2,381	14.6	88.8
3	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	2,193	13.4	81.8
4	COVID-19 (U07.1)	1,726	10.6	64.4
5	Malignant neoplasms (C00–C97)	760	4.7	28.3
6	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	556	3.4	20.7
7	Diabetes mellitus (E10–E149)	552	3.4	20.6
8	Cerebrovascular diseases (I60–I69)	351	2.2	13.1
9	Human immunodeficiency virus (HIV) disease (B20–B24)	250	1.5	9.3
10	Chronic liver disease and cirrhosis (K70,K73–K74)	223	1.4	8.3
...	All other causes (residual)	3,055	18.7	113.9
Black, non-Hispanic, male, 45–54 years				
...	All causes	25,204	100.0	1,050.9
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	5,629	22.3	234.7
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	4,131	16.4	172.2
3	COVID-19 (U07.1)	3,725	14.8	155.3
4	Malignant neoplasms (C00–C97)	2,348	9.3	97.9
5	Diabetes mellitus (E10–E149)	1,125	4.5	46.9
6	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	1,029	4.1	42.9
7	Cerebrovascular diseases (I60–I69)	814	3.2	33.9
8	Chronic liver disease and cirrhosis (K70,K73–K74)	500	2.0	20.8
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	470	1.9	19.6
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	396	1.6	16.5
...	All other causes (residual)	5,037	20.0	210.0
Black, non-Hispanic, male, 55–64 years				
...	All causes	49,838	100.0	2,118.4
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	11,919	23.9	506.6
2	Malignant neoplasms (C00–C97)	8,337	16.7	354.4
3	COVID-19 (U07.1)	6,435	12.9	273.5
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	5,059	10.2	215.0
5	Diabetes mellitus (E10–E149)	2,370	4.8	100.7
6	Cerebrovascular diseases (I60–I69)	2,094	4.2	89.0
7	Chronic liver disease and cirrhosis (K70,K73–K74)	1,079	2.2	45.9
8	Chronic lower respiratory diseases (J40–J47)	1,020	2.0	43.4
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	1,014	2.0	43.1
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	927	1.9	39.4
...	All other causes (residual)	9,584	19.2	407.4
Black, non-Hispanic, male, 65 years and older				
...	All causes	121,239	100.0	5,588.8
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	28,430	23.4	1,310.6
2	Malignant neoplasms (C00–C97)	23,295	19.2	1,073.8
3	COVID-19 (U07.1)	14,774	12.2	681.0
4	Cerebrovascular diseases (I60–I69)	7,021	5.8	323.7
5	Diabetes mellitus (E10–E149)	5,460	4.5	251.7
6	Chronic lower respiratory diseases (J40–J47)	4,038	3.3	186.1
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	3,707	3.1	170.9
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	3,444	2.8	158.8
9	Alzheimer disease (G30)	2,716	2.2	125.2
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	2,349	1.9	108.3
...	All other causes (residual)	26,005	21.4	1,198.8

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Black, non-Hispanic, male, 65–74 years				
...	All causes	58,065	100.0	3,935.6
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	13,764	23.7	932.9
2	Malignant neoplasms (C00–C97)	12,263	21.1	831.2
3	COVID-19 (U07.1)	7,271	12.5	492.8
4	Cerebrovascular diseases (I60–I69)	3,034	5.2	205.6
5	Diabetes mellitus (E10–E149)	2,832	4.9	192.0
6	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	2,468	4.3	167.3
7	Chronic lower respiratory diseases (J40–J47)	1,867	3.2	126.5
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	1,501	2.6	101.7
9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	1,048	1.8	71.0
10	Septicemia (A40–A41)	1,027	1.8	69.6
...	All other causes (residual)	10,990	18.9	744.9
Black, non-Hispanic, male, 75–84 years				
...	All causes	39,561	100.0	7,251.9
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	9,005	22.8	1,650.7
2	Malignant neoplasms (C00–C97)	7,682	19.4	1,408.2
3	COVID-19 (U07.1)	4,945	12.5	906.5
4	Cerebrovascular diseases (I60–I69)	2,448	6.2	448.7
5	Diabetes mellitus (E10–E149)	1,843	4.7	337.8
6	Chronic lower respiratory diseases (J40–J47)	1,438	3.6	263.6
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	1,215	3.1	222.7
8	Alzheimer disease (G30)	997	2.5	182.8
9	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	801	2.0	146.8
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	772	2.0	141.5
...	All other causes (residual)	8,415	21.3	1,542.5
Black, non-Hispanic, male, 85 years and older				
...	All causes	23,613	100.0	15,908.6
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	5,661	24.0	3,813.9
2	Malignant neoplasms (C00–C97)	3,350	14.2	2,257.0
3	COVID-19 (U07.1)	2,558	10.8	1,723.4
4	Cerebrovascular diseases (I60–I69)	1,539	6.5	1,036.9
5	Alzheimer disease (G30)	1,266	5.4	852.9
6	Diabetes mellitus (E10–E149)	785	3.3	528.9
7	Chronic lower respiratory diseases (J40–J47)	733	3.1	493.8
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	728	3.1	490.5
9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	529	2.2	356.4
10	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	438	1.9	295.1
...	All other causes (residual)	6,026	25.5	4,059.9
Black, non-Hispanic, female, all ages ⁴				
...	All causes	211,165	100.0	971.4
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	41,017	19.4	188.7
2	Malignant neoplasms (C00–C97)	34,801	16.5	160.1
3	COVID-19 (U07.1)	28,381	13.4	130.6
4	Cerebrovascular diseases (I60–I69)	12,409	5.9	57.1
5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	9,670	4.6	44.5
6	Diabetes mellitus (E10–E149)	9,125	4.3	42.0
7	Alzheimer disease (G30)	6,847	3.2	31.5
8	Chronic lower respiratory diseases (J40–J47)	5,632	2.7	25.9
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	5,245	2.5	24.1
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	3,993	1.9	18.4
...	All other causes (residual)	54,045	25.6	248.6

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Black, non-Hispanic, female, 1–4 years				
...	All causes	493	100.0	47.0
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	146	29.6	13.9
2	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	61	12.4	5.8
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	59	12.0	5.6
4	Malignant neoplasms (C00–C97)	30	6.1	2.9
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	19	3.9	*
6	Certain conditions originating in the perinatal period (P00–P96)	11	2.2	*
7	Influenza and pneumonia (J09–J18)	7	1.4	*
8	Chronic lower respiratory diseases (J40–J47)	6	1.2	*
9	COVID-19 (U07.1)	5	1.0	*
10	Cerebrovascular diseases (I60–I69)	4	0.8	*
10	Complications of medical and surgical care (Y40–Y84,Y88)	4	0.8	*
...	All other causes (residual)	141	28.6	13.4
Black, non-Hispanic, female, 5–9 years				
...	All causes	273	100.0	19.9
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	88	32.2	6.4
2	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	48	17.6	3.5
3	Malignant neoplasms (C00–C97)	27	9.9	2.0
4	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	17	6.2	*
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	12	4.4	*
6	Chronic lower respiratory diseases (J40–J47)	8	2.9	*
7	Certain conditions originating in the perinatal period (P00–P96)	5	1.8	*
8	Anemias (D50–D64)	3	1.1	*
8	COVID-19 (U07.1)	3	1.1	*
10	Cerebrovascular diseases (I60–I69)	2	0.7	*
10	Complications of medical and surgical care (Y40–Y84,Y88)	2	0.7	*
...	All other causes (residual)	58	21.2	4.2
Black, non-Hispanic, female, 10–14 years				
...	All causes	318	100.0	21.8
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	56	17.6	3.8
2	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	45	14.2	3.1
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	37	11.6	2.5
4	Malignant neoplasms (C00–C97)	33	10.4	2.3
5	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	16	5.0	*
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	13	4.1	*
7	Diabetes mellitus (E10–E149)	10	3.1	*
8	Chronic lower respiratory diseases (J40–J47)	9	2.8	*
8	COVID-19 (U07.1)	9	2.8	*
10	Cerebrovascular diseases (I60–I69)	6	1.9	*
...	All other causes (residual)	84	26.4	5.8
Black, non-Hispanic, female, 15–19 years				
...	All causes	828	100.0	57.4
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	215	26.0	14.9
1	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	215	26.0	14.9
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	82	9.9	5.7
4	COVID-19 (U07.1)	44	5.3	3.1
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	34	4.1	2.4
6	Malignant neoplasms (C00–C97)	30	3.6	2.1
7	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	17	2.1	*
8	Diabetes mellitus (E10–E149)	15	1.8	*
8	Pregnancy, childbirth and the puerperium (O00–O99)	15	1.8	*
10	Chronic lower respiratory diseases (J40–J47)	14	1.7	*
...	All other causes (residual)	147	17.8	10.2

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Black, non-Hispanic, female, 20–24 years				
...	All causes	1,626	100.0	108.7
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	542	33.3	36.2
2	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	302	18.6	20.2
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	109	6.7	7.3
3	COVID-19 (U07.1)	109	6.7	7.3
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	78	4.8	5.2
6	Pregnancy, childbirth and the puerperium (O00–O99)	65	4.0	4.3
7	Malignant neoplasms (C00–C97)	51	3.1	3.4
8	Diabetes mellitus (E10–E149)	38	2.3	2.5
9	Anemias (D50–D64)	14	0.9	*
10	Cerebrovascular diseases (I60–I69)	13	0.8	*
...	All other causes (residual)	305	18.8	20.4
Black, non-Hispanic, female, 25–34 years				
...	All causes	5,854	100.0	178.1
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,681	28.7	51.1
2	COVID-19 (U07.1)	670	11.4	20.4
3	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	583	10.0	17.7
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	477	8.1	14.5
5	Malignant neoplasms (C00–C97)	354	6.0	10.8
6	Pregnancy, childbirth and the puerperium (O00–O99)	243	4.2	7.4
7	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	189	3.2	5.7
8	Diabetes mellitus (E10–E149)	185	3.2	5.6
9	Human immunodeficiency virus (HIV) disease (B20–B24)	75	1.3	2.3
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	71	1.2	2.2
...	All other causes (residual)	1,326	22.7	40.3
Black, non-Hispanic, female, 35–44 years				
...	All causes	9,618	100.0	332.5
1	COVID-19 (U07.1)	1,581	16.4	54.7
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,544	16.1	53.4
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,284	13.3	44.4
4	Malignant neoplasms (C00–C97)	1,168	12.1	40.4
5	Diabetes mellitus (E10–E149)	355	3.7	12.3
6	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	343	3.6	11.9
7	Cerebrovascular diseases (I60–I69)	277	2.9	9.6
8	Chronic liver disease and cirrhosis (K70,K73–K74)	235	2.4	8.1
9	Pregnancy, childbirth and the puerperium (O00–O99)	186	1.9	6.4
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	139	1.4	4.8
...	All other causes (residual)	2,506	26.1	86.6
Black, non-Hispanic, female, 45–54 years				
...	All causes	16,771	100.0	627.6
1	COVID-19 (U07.1)	2,989	17.8	111.8
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	2,905	17.3	108.7
3	Malignant neoplasms (C00–C97)	2,895	17.3	108.3
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,465	8.7	54.8
5	Diabetes mellitus (E10–E149)	738	4.4	27.6
6	Cerebrovascular diseases (I60–I69)	643	3.8	24.1
7	Chronic liver disease and cirrhosis (K70,K73–K74)	407	2.4	15.2
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	321	1.9	12.0
9	Septicemia (A40–A41)	309	1.8	11.6
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	266	1.6	10.0
...	All other causes (residual)	3,833	22.9	143.4

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Black, non-Hispanic, female, 55–64 years				
...	All causes	35,338	100.0	1,302.4
1	Malignant neoplasms (C00–C97)	8,009	22.7	295.2
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	6,630	18.8	244.3
3	COVID-19 (U07.1)	5,825	16.5	214.7
4	Diabetes mellitus (E10–E149)	1,757	5.0	64.8
5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,700	4.8	62.7
6	Cerebrovascular diseases (I60–I69)	1,494	4.2	55.1
7	Chronic lower respiratory diseases (J40–J47)	1,062	3.0	39.1
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	764	2.2	28.2
9	Septicemia (A40–A41)	732	2.1	27.0
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	596	1.7	22.0
...	All other causes (residual)	6,769	19.2	249.5
Black, non-Hispanic, female, 65 years and older				
...	All causes	137,514	100.0	4,424.5
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	29,532	21.5	950.2
2	Malignant neoplasms (C00–C97)	22,202	16.1	714.4
3	COVID-19 (U07.1)	17,134	12.5	551.3
4	Cerebrovascular diseases (I60–I69)	9,870	7.2	317.6
5	Alzheimer disease (G30)	6,765	4.9	217.7
6	Diabetes mellitus (E10–E149)	6,026	4.4	193.9
7	Chronic lower respiratory diseases (J40–J47)	4,121	3.0	132.6
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	3,935	2.9	126.6
9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	2,989	2.2	96.2
10	Septicemia (A40–A41)	2,484	1.8	79.9
...	All other causes (residual)	32,456	23.6	1,044.3
Black, non-Hispanic, female, 65–74 years				
...	All causes	47,336	100.0	2,459.4
1	Malignant neoplasms (C00–C97)	10,423	22.0	541.5
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	9,359	19.8	486.3
3	COVID-19 (U07.1)	7,407	15.6	384.8
4	Cerebrovascular diseases (I60–I69)	2,627	5.5	136.5
5	Diabetes mellitus (E10–E149)	2,347	5.0	121.9
6	Chronic lower respiratory diseases (J40–J47)	1,659	3.5	86.2
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	1,416	3.0	73.6
8	Septicemia (A40–A41)	999	2.1	51.9
9	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	891	1.9	46.3
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	860	1.8	44.7
...	All other causes (residual)	9,348	19.7	485.7
Black, non-Hispanic, female, 75–84 years				
...	All causes	44,189	100.0	5,201.3
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	9,307	21.1	1,095.5
2	Malignant neoplasms (C00–C97)	7,486	16.9	881.1
3	COVID-19 (U07.1)	5,604	12.7	659.6
4	Cerebrovascular diseases (I60–I69)	3,247	7.3	382.2
5	Diabetes mellitus (E10–E149)	2,145	4.9	252.5
6	Alzheimer disease (G30)	2,016	4.6	237.3
7	Chronic lower respiratory diseases (J40–J47)	1,397	3.2	164.4
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	1,366	3.1	160.8
9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	914	2.1	107.6
10	Septicemia (A40–A41)	854	1.9	100.5
...	All other causes (residual)	9,853	22.3	1,159.8

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Black, non-Hispanic, female, 85 years and older				
...	All causes	45,989	100.0	13,780.5
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	10,866	23.6	3,256.0
2	Malignant neoplasms (C00–C97)	4,293	9.3	1,286.4
3	Alzheimer disease (G30)	4,159	9.0	1,246.2
4	COVID-19 (U07.1)	4,123	9.0	1,235.4
5	Cerebrovascular diseases (I60–I69)	3,996	8.7	1,197.4
6	Diabetes mellitus (E10–E149)	1,534	3.3	459.7
7	Essential hypertension and hypertensive renal disease (I10,I12,I15)	1,215	2.6	364.1
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	1,153	2.5	345.5
9	Chronic lower respiratory diseases (J40–J47)	1,065	2.3	319.1
10	Septicemia (A40–A41)	631	1.4	189.1
...	All other causes (residual)	12,954	28.2	3,881.6
Native Hawaiian and Other Pacific Islander, non-Hispanic, both sexes, all ages ⁴				
...	All causes	5,223	100.0	834.0
1	COVID-19 (U07.1)	1,087	20.8	173.6
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,002	19.2	160.0
3	Malignant neoplasms (C00–C97)	840	16.1	134.1
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	322	6.2	51.4
5	Diabetes mellitus (E10–E149)	314	6.0	50.1
6	Cerebrovascular diseases (I60–I69)	247	4.7	39.4
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	117	2.2	18.7
8	Chronic lower respiratory diseases (J40–J47)	90	1.7	14.4
9	Alzheimer disease (G30)	85	1.6	13.6
10	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	82	1.6	13.1
...	All other causes (residual)	1,037	19.9	165.6
Native Hawaiian and Other Pacific Islander, non-Hispanic, both sexes, 1–4 years				
...	All causes	15	100.0	*
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	6	40.0	*
2	Malignant neoplasms (C00–C97)	2	13.3	*
2	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	2	13.3	*
4	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	1	6.7	*
4	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1	6.7	*
...	All other causes (residual)	3	20.0	*
Native Hawaiian and Other Pacific Islander, non-Hispanic, both sexes, 5–9 years				
...	All causes	8	100.0	*
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	3	37.5	*
2	COVID-19 (U07.1)	2	25.0	*
3	Malignant neoplasms (C00–C97)	1	12.5	*
...	All other causes (residual)	2	25.0	*
Native Hawaiian and Other Pacific Islander, non-Hispanic, both sexes, 10–14 years				
...	All causes	7	100.0	*
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	2	28.6	*
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1	14.3	*
2	COVID-19 (U07.1)	1	14.3	*
...	All other causes (residual)	3	42.9	*

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Native Hawaiian and Other Pacific Islander, non-Hispanic, both sexes, 15–19 years				
...	All causes	36	100.0	83.3
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	16	44.4	*
2	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	7	19.4	*
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	6	16.7	*
4	Diabetes mellitus (E10–E149)	1	2.8	*
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	1	2.8	*
4	Influenza and pneumonia (J09–J18)	1	2.8	*
4	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1	2.8	*
...	All other causes (residual)	3	8.3	*
Native Hawaiian and Other Pacific Islander, non-Hispanic, both sexes, 20–24 years				
...	All causes	87	100.0	203.8
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	33	37.9	77.3
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	14	16.1	*
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	9	10.3	*
4	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	7	8.0	*
4	COVID-19 (U07.1)	7	8.0	*
6	Malignant neoplasms (C00–C97)	5	5.7	*
7	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	3	3.4	*
8	Septicemia (A40–A41)	1	1.1	*
...	All other causes (residual)	8	9.2	*
Native Hawaiian and Other Pacific Islander, non-Hispanic, both sexes, 25–34 years				
...	All causes	265	100.0	262.2
1	COVID-19 (U07.1)	60	22.6	59.4
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	48	18.1	47.5
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	31	11.7	30.7
4	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	28	10.6	27.7
5	Malignant neoplasms (C00–C97)	23	8.7	22.8
6	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	15	5.7	*
7	Diabetes mellitus (E10–E149)	9	3.4	*
8	Influenza and pneumonia (J09–J18)	6	2.3	*
9	Pregnancy, childbirth and the puerperium (O00–O99)	3	1.1	*
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	3	1.1	*
9	Cerebrovascular diseases (I60–I69)	3	1.1	*
...	All other causes (residual)	36	13.6	35.6
Native Hawaiian and Other Pacific Islander, non-Hispanic, both sexes, 35–44 years				
...	All causes	475	100.0	488.9
1	COVID-19 (U07.1)	119	25.1	122.5
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	77	16.2	79.2
3	Malignant neoplasms (C00–C97)	66	13.9	67.9
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	59	12.4	60.7
5	Diabetes mellitus (E10–E149)	22	4.6	22.6
6	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	17	3.6	*
6	Cerebrovascular diseases (I60–I69)	17	3.6	*
8	Chronic liver disease and cirrhosis (K70,K73–K74)	9	1.9	*
9	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	8	1.7	*
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	5	1.1	*
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	5	1.1	*
...	All other causes (residual)	71	14.9	73.1

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Native Hawaiian and Other Pacific Islander, non-Hispanic, both sexes, 45–54 years				
...	All causes	762	100.0	1,012.4
1	COVID-19 (U07.1)	216	28.3	287.0
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	127	16.7	168.7
3	Malignant neoplasms (C00–C97)	125	16.4	166.1
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	63	8.3	83.7
5	Diabetes mellitus (E10–E149)	45	5.9	59.8
6	Cerebrovascular diseases (I60–I69)	30	3.9	39.9
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	12	1.6	*
8	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	10	1.3	*
8	Septicemia (A40–A41)	10	1.3	*
10	Chronic liver disease and cirrhosis (K70,K73–K74)	8	1.0	*
...	All other causes (residual)	116	15.2	154.1
Native Hawaiian and Other Pacific Islander, non-Hispanic, both sexes, 55–64 years				
...	All causes	1,039	100.0	1,546.9
1	COVID-19 (U07.1)	256	24.6	381.1
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	201	19.3	299.2
3	Malignant neoplasms (C00–C97)	199	19.2	296.3
4	Diabetes mellitus (E10–E149)	78	7.5	116.1
5	Cerebrovascular diseases (I60–I69)	49	4.7	73.0
6	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	37	3.6	55.1
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	30	2.9	44.7
8	Septicemia (A40–A41)	15	1.4	*
8	Chronic liver disease and cirrhosis (K70,K73–K74)	15	1.4	*
10	Chronic lower respiratory diseases (J40–J47)	13	1.3	*
...	All other causes (residual)	146	14.1	217.4
Native Hawaiian and Other Pacific Islander, non-Hispanic, both sexes, 65 years and older				
...	All causes	2,460	100.0	3,634.8
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	554	22.5	818.6
2	COVID-19 (U07.1)	425	17.3	628.0
3	Malignant neoplasms (C00–C97)	418	17.0	617.6
4	Diabetes mellitus (E10–E149)	159	6.5	234.9
5	Cerebrovascular diseases (I60–I69)	148	6.0	218.7
6	Alzheimer disease (G30)	84	3.4	124.1
7	Chronic lower respiratory diseases (J40–J47)	70	2.8	103.4
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	67	2.7	99.0
9	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	48	2.0	70.9
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	42	1.7	62.1
...	All other causes (residual)	445	18.1	657.5
Native Hawaiian and Other Pacific Islander, non-Hispanic, both sexes, 65–74 years				
...	All causes	1,156	100.0	2,665.6
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	243	21.0	560.3
2	Malignant neoplasms (C00–C97)	240	20.8	553.4
3	COVID-19 (U07.1)	229	19.8	528.0
4	Diabetes mellitus (E10–E149)	87	7.5	200.6
5	Cerebrovascular diseases (I60–I69)	54	4.7	124.5
6	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	38	3.3	87.6
7	Chronic lower respiratory diseases (J40–J47)	23	2.0	53.0
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	22	1.9	50.7
9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	20	1.7	46.1
10	Septicemia (A40–A41)	15	1.3	*
...	All other causes (residual)	185	16.0	426.6

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Native Hawaiian and Other Pacific Islander, non-Hispanic, both sexes, 75–84 years				
...	All causes	816	100.0	4,469.3
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	189	23.2	1,035.2
2	COVID-19 (U07.1)	135	16.5	739.4
3	Malignant neoplasms (C00–C97)	127	15.6	695.6
4	Cerebrovascular diseases (I60–I69)	53	6.5	290.3
5	Diabetes mellitus (E10–E149)	49	6.0	268.4
6	Chronic lower respiratory diseases (J40–J47)	36	4.4	197.2
7	Alzheimer disease (G30)	26	3.2	142.4
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	22	2.7	120.5
9	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	13	1.6	*
10	Parkinson disease (G20–G21)	10	1.2	*
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	10	1.2	*
...	All other causes (residual)	146	17.9	799.6
Native Hawaiian and Other Pacific Islander, non-Hispanic, both sexes, 85 years and older				
...	All causes	488	100.0	8,062.1
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	122	25.0	2,015.5
2	COVID-19 (U07.1)	61	12.5	1,007.8
3	Malignant neoplasms (C00–C97)	51	10.5	842.6
4	Alzheimer disease (G30)	46	9.4	760.0
5	Cerebrovascular diseases (I60–I69)	41	8.4	677.4
6	Diabetes mellitus (E10–E149)	23	4.7	380.0
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	13	2.7	*
8	Essential hypertension and hypertensive renal disease (I10,I12,I15)	12	2.5	*
9	Chronic lower respiratory diseases (J40–J47)	11	2.3	*
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	7	1.4	*
...	All other causes (residual)	101	20.7	1,668.6
Native Hawaiian and Other Pacific Islander, non-Hispanic, male, all ages ⁴				
...	All causes	2,906	100.0	917.5
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	617	21.2	194.8
2	COVID-19 (U07.1)	595	20.5	187.9
3	Malignant neoplasms (C00–C97)	375	12.9	118.4
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	244	8.4	77.0
5	Diabetes mellitus (E10–E149)	175	6.0	55.3
6	Cerebrovascular diseases (I60–I69)	124	4.3	39.2
7	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	65	2.2	20.5
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	57	2.0	18.0
9	Chronic lower respiratory diseases (J40–J47)	51	1.8	16.1
10	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	40	1.4	12.6
...	All other causes (residual)	563	19.4	177.8
Native Hawaiian and Other Pacific Islander, non-Hispanic, male, 1–4 years				
...	All causes	6	100.0	*
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	2	33.3	*
2	Malignant neoplasms (C00–C97)	1	16.7	*
2	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	1	16.7	*
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1	16.7	*
2	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	1	16.7	*
...	All other causes (residual)	–	–	–

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Native Hawaiian and Other Pacific Islander, non-Hispanic, male, 5–9 years				
...	All causes.	6	100.0	*
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	2	33.3	*
1	COVID-19. (U07.1)	2	33.3	*
3	Malignant neoplasms. (C00–C97)	1	16.7	*
...	All other causes. (residual)	1	16.7	*
Native Hawaiian and Other Pacific Islander, non-Hispanic, male, 10–14 years				
...	All causes.	4	100.0	*
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	1	25.0	*
1	COVID-19. (U07.1)	1	25.0	*
...	All other causes. (residual)	2	50.0	*
Native Hawaiian and Other Pacific Islander, non-Hispanic, male, 15–19 years				
...	All causes.	28	100.0	127.0
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	15	53.6	*
2	Assault (homicide). (*U01–*U02.9,X85–Y09,Y87.1)	5	17.9	*
3	Intentional self-harm (suicide). (*U03,X60–X84,Y87.0)	3	10.7	*
4	Influenza and pneumonia. (J09–J18)	1	3.6	*
4	Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99)	1	3.6	*
4	Diseases of heart. (I00–I09,I11,I13,I20–I51)	1	3.6	*
...	All other causes. (residual)	2	7.1	*
Native Hawaiian and Other Pacific Islander, non-Hispanic, male, 20–24 years				
...	All causes.	63	100.0	285.1
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	26	41.3	117.7
2	Intentional self-harm (suicide). (*U03,X60–X84,Y87.0)	10	15.9	*
3	Assault (homicide). (*U01–*U02.9,X85–Y09,Y87.1)	7	11.1	*
4	Diseases of heart. (I00–I09,I11,I13,I20–I51)	6	9.5	*
4	COVID-19. (U07.1)	6	9.5	*
6	Malignant neoplasms. (C00–C97)	3	4.8	*
7	Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99)	1	1.6	*
...	All other causes. (residual)	4	6.3	*
Native Hawaiian and Other Pacific Islander, non-Hispanic, male, 25–34 years				
...	All causes.	189	100.0	364.3
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	41	21.7	79.0
2	COVID-19. (U07.1)	35	18.5	67.5
3	Diseases of heart. (I00–I09,I11,I13,I20–I51)	23	12.2	44.3
3	Intentional self-harm (suicide). (*U03,X60–X84,Y87.0)	23	12.2	44.3
5	Malignant neoplasms. (C00–C97)	13	6.9	*
5	Assault (homicide). (*U01–*U02.9,X85–Y09,Y87.1)	13	6.9	*
7	Influenza and pneumonia. (J09–J18)	5	2.6	*
8	Diabetes mellitus. (E10–E149)	3	1.6	*
8	Cerebrovascular diseases. (I60–I69)	3	1.6	*
8	Nephritis, nephrotic syndrome and nephrosis. (N00–N07,N17–N19,N25–N27)	3	1.6	*
...	All other causes. (residual)	27	14.3	52.0

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Native Hawaiian and Other Pacific Islander, non-Hispanic, male, 35–44 years				
...	All causes	293	100.0	587.2
1	COVID-19 (U07.1)	64	21.8	128.3
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	58	19.8	116.2
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	44	15.0	88.2
4	Malignant neoplasms (C00–C97)	28	9.6	56.1
5	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	17	5.8	*
6	Diabetes mellitus (E10–E149)	10	3.4	*
7	Cerebrovascular diseases (I60–I69)	7	2.4	*
7	Chronic liver disease and cirrhosis (K70,K73–K74)	7	2.4	*
7	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	7	2.4	*
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	4	1.4	*
...	All other causes (residual)	47	16.0	94.2
Native Hawaiian and Other Pacific Islander, non-Hispanic, male, 45–54 years				
...	All causes	460	100.0	1,204.5
1	COVID-19 (U07.1)	133	28.9	348.2
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	85	18.5	222.6
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	48	10.4	125.7
4	Malignant neoplasms (C00–C97)	47	10.2	123.1
5	Diabetes mellitus (E10–E149)	32	7.0	83.8
6	Cerebrovascular diseases (I60–I69)	20	4.3	52.4
7	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	7	1.5	*
8	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	6	1.3	*
9	Septicemia (A40–A41)	5	1.1	*
9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	5	1.1	*
9	Aortic aneurysm and dissection (I71)	5	1.1	*
9	Influenza and pneumonia (J09–J18)	5	1.1	*
9	Chronic liver disease and cirrhosis (K70,K73–K74)	5	1.1	*
...	All other causes (residual)	57	12.4	149.2
Native Hawaiian and Other Pacific Islander, non-Hispanic, male, 55–64 years				
...	All causes	583	100.0	1,753.5
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	135	23.2	406.1
2	COVID-19 (U07.1)	134	23.0	403.0
3	Malignant neoplasms (C00–C97)	97	16.6	291.8
4	Diabetes mellitus (E10–E149)	47	8.1	141.4
5	Cerebrovascular diseases (I60–I69)	28	4.8	84.2
5	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	28	4.8	84.2
7	Chronic liver disease and cirrhosis (K70,K73–K74)	11	1.9	*
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	10	1.7	*
9	Septicemia (A40–A41)	7	1.2	*
9	Essential hypertension and hypertensive renal disease (I10,I12,I15)	7	1.2	*
...	All other causes (residual)	79	13.6	237.6
Native Hawaiian and Other Pacific Islander, non-Hispanic, male, 65 years and older				
...	All causes	1,228	100.0	3,864.7
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	307	25.0	966.2
2	COVID-19 (U07.1)	219	17.8	689.2
3	Malignant neoplasms (C00–C97)	185	15.1	582.2
4	Diabetes mellitus (E10–E149)	83	6.8	261.2
5	Cerebrovascular diseases (I60–I69)	66	5.4	207.7
6	Chronic lower respiratory diseases (J40–J47)	41	3.3	129.0
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	39	3.2	122.7
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	31	2.5	97.6
9	Alzheimer disease (G30)	28	2.3	88.1
10	Influenza and pneumonia (J09–J18)	18	1.5	*
...	All other causes (residual)	211	17.2	664.0

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Native Hawaiian and Other Pacific Islander, non-Hispanic, male, 65–74 years				
...	All causes	640	100.0	3,076.6
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	153	23.9	735.5
2	COVID-19 (U07.1)	129	20.2	620.1
3	Malignant neoplasms (C00–C97)	113	17.7	543.2
4	Diabetes mellitus (E10–E149)	47	7.3	225.9
5	Cerebrovascular diseases (I60–I69)	29	4.5	139.4
6	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	20	3.1	96.1
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	17	2.7	*
8	Chronic lower respiratory diseases (J40–J47)	16	2.5	*
9	Influenza and pneumonia (J09–J18)	9	1.4	*
10	Septicemia (A40–A41)	8	1.3	*
...	All other causes (residual)	99	15.5	475.9
Native Hawaiian and Other Pacific Islander, non-Hispanic, male, 75–84 years				
...	All causes	389	100.0	4,565.7
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	99	25.4	1,162.0
2	COVID-19 (U07.1)	68	17.5	798.1
3	Malignant neoplasms (C00–C97)	51	13.1	598.6
4	Diabetes mellitus (E10–E149)	24	6.2	281.7
5	Chronic lower respiratory diseases (J40–J47)	20	5.1	234.7
6	Cerebrovascular diseases (I60–I69)	17	4.4	*
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	14	3.6	*
8	Alzheimer disease (G30)	11	2.8	*
9	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	7	1.8	*
10	Chronic liver disease and cirrhosis (K70,K73–K74)	6	1.5	*
...	All other causes (residual)	72	18.5	845.1
Native Hawaiian and Other Pacific Islander, non-Hispanic, male, 85 years and older				
...	All causes	199	100.0	8,112.5
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	55	27.6	2,242.2
2	COVID-19 (U07.1)	22	11.1	896.9
3	Malignant neoplasms (C00–C97)	21	10.6	856.1
4	Cerebrovascular diseases (I60–I69)	20	10.1	815.3
5	Diabetes mellitus (E10–E149)	12	6.0	*
5	Alzheimer disease (G30)	12	6.0	*
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	7	3.5	*
8	Influenza and pneumonia (J09–J18)	5	2.5	*
8	Chronic lower respiratory diseases (J40–J47)	5	2.5	*
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	5	2.5	*
...	All other causes (residual)	35	17.6	1,426.8
Native Hawaiian and Other Pacific Islander, non-Hispanic, female, all ages ⁴				
...	All causes	2,317	100.0	748.6
1	COVID-19 (U07.1)	492	21.2	159.0
2	Malignant neoplasms (C00–C97)	465	20.1	150.2
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	385	16.6	124.4
4	Diabetes mellitus (E10–E149)	139	6.0	44.9
5	Cerebrovascular diseases (I60–I69)	123	5.3	39.7
6	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	78	3.4	25.2
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	60	2.6	19.4
8	Alzheimer disease (G30)	56	2.4	18.1
9	Chronic lower respiratory diseases (J40–J47)	39	1.7	12.6
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	36	1.6	11.6
...	All other causes (residual)	444	19.2	143.4

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Native Hawaiian and Other Pacific Islander, non-Hispanic, female, 1–4 years				
...	All causes.	9	100.0	*
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	4	44.4	*
2	Malignant neoplasms. (C00–C97)	1	11.1	*
2	Assault (homicide). (*U01–*U02.9,X85–Y09,Y87.1)	1	11.1	*
...	All other causes. (residual)	3	33.3	*
Native Hawaiian and Other Pacific Islander, non-Hispanic, female, 5–9 years				
...	All causes.	2	100.0	*
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	1	50.0	*
...	All other causes. (residual)	1	50.0	*
Native Hawaiian and Other Pacific Islander, non-Hispanic, female, 10–14 years				
...	All causes.	3	100.0	*
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	1	33.3	*
1	Intentional self-harm (suicide). (*U03,X60–X84,Y87.0)	1	33.3	*
...	All other causes. (residual)	1	33.3	*
Native Hawaiian and Other Pacific Islander, non-Hispanic, female, 15–19 years				
...	All causes.	8	100.0	*
1	Intentional self-harm (suicide). (*U03,X60–X84,Y87.0)	3	37.5	*
2	Assault (homicide). (*U01–*U02.9,X85–Y09,Y87.1)	2	25.0	*
3	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	1	12.5	*
3	Diabetes mellitus. (E10–E149)	1	12.5	*
...	All other causes. (residual)	1	12.5	*
Native Hawaiian and Other Pacific Islander, non-Hispanic, female, 20–24 years				
...	All causes.	24	100.0	116.5
1	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	7	29.2	*
2	Intentional self-harm (suicide). (*U03,X60–X84,Y87.0)	4	16.7	*
3	Diseases of heart. (I00–I09,I11,I13,I20–I51)	3	12.5	*
4	Malignant neoplasms. (C00–C97)	2	8.3	*
4	Congenital malformations, deformations and chromosomal abnormalities. (Q00–Q99)	2	8.3	*
6	Septicemia. (A40–A41)	1	4.2	*
6	COVID-19. (U07.1)	1	4.2	*
...	All other causes. (residual)	4	16.7	*
Native Hawaiian and Other Pacific Islander, non-Hispanic, female, 25–34 years				
...	All causes.	76	100.0	154.5
1	COVID-19. (U07.1)	25	32.9	50.8
2	Malignant neoplasms. (C00–C97)	10	13.2	*
3	Diseases of heart. (I00–I09,I11,I13,I20–I51)	8	10.5	*
4	Accidents (unintentional injuries). (V01–X59,Y85–Y86)	7	9.2	*
5	Diabetes mellitus. (E10–E149)	6	7.9	*
6	Intentional self-harm (suicide). (*U03,X60–X84,Y87.0)	5	6.6	*
7	Pregnancy, childbirth and the puerperium. (O00–O99)	3	3.9	*
8	Assault (homicide). (*U01–*U02.9,X85–Y09,Y87.1)	2	2.6	*
9	Tuberculosis. (A16–A19)	1	1.3	*
9	Influenza and pneumonia. (J09–J18)	1	1.3	*
9	Complications of medical and surgical care. (Y40–Y84,Y88)	1	1.3	*
...	All other causes. (residual)	7	9.2	*

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Native Hawaiian and Other Pacific Islander, non-Hispanic, female, 35–44 years				
...	All causes	182	100.0	385.1
1	COVID-19 (U07.1)	55	30.2	116.4
2	Malignant neoplasms (C00–C97)	38	20.9	80.4
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	19	10.4	*
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	15	8.2	*
5	Diabetes mellitus (E10–E149)	12	6.6	*
6	Cerebrovascular diseases (I60–I69)	10	5.5	*
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	3	1.6	*
7	Pregnancy, childbirth and the puerperium (O00–O99)	3	1.6	*
9	Chronic liver disease and cirrhosis (K70,K73–K74)	2	1.1	*
9	Septicemia (A40–A41)	2	1.1	*
...	All other causes (residual)	23	12.6	48.7
Native Hawaiian and Other Pacific Islander, non-Hispanic, female, 45–54 years				
...	All causes	302	100.0	814.5
1	COVID-19 (U07.1)	83	27.5	223.9
2	Malignant neoplasms (C00–C97)	78	25.8	210.4
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	42	13.9	113.3
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	15	5.0	*
5	Diabetes mellitus (E10–E149)	13	4.3	*
6	Cerebrovascular diseases (I60–I69)	10	3.3	*
7	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	9	3.0	*
8	Septicemia (A40–A41)	5	1.7	*
9	Chronic lower respiratory diseases (J40–J47)	3	1.0	*
9	Chronic liver disease and cirrhosis (K70,K73–K74)	3	1.0	*
9	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	3	1.0	*
...	All other causes (residual)	38	12.6	102.5
Native Hawaiian and Other Pacific Islander, non-Hispanic, female, 55–64 years				
...	All causes	456	100.0	1,344.3
1	COVID-19 (U07.1)	122	26.8	359.7
2	Malignant neoplasms (C00–C97)	102	22.4	300.7
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	66	14.5	194.6
4	Diabetes mellitus (E10–E149)	31	6.8	91.4
5	Cerebrovascular diseases (I60–I69)	21	4.6	61.9
6	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	20	4.4	59.0
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	9	2.0	*
8	Septicemia (A40–A41)	8	1.8	*
9	Chronic lower respiratory diseases (J40–J47)	7	1.5	*
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	5	1.1	*
10	Influenza and pneumonia (J09–J18)	5	1.1	*
...	All other causes (residual)	60	13.2	176.9
Native Hawaiian and Other Pacific Islander, non-Hispanic, female, 65 years and older				
...	All causes	1,232	100.0	3,431.4
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	247	20.0	687.9
2	Malignant neoplasms (C00–C97)	233	18.9	649.0
3	COVID-19 (U07.1)	206	16.7	573.8
4	Cerebrovascular diseases (I60–I69)	82	6.7	228.4
5	Diabetes mellitus (E10–E149)	76	6.2	211.7
6	Alzheimer disease (G30)	56	4.5	156.0
7	Essential hypertension and hypertensive renal disease (I10,I12,I15)	29	2.4	80.8
7	Chronic lower respiratory diseases (J40–J47)	29	2.4	80.8
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	28	2.3	78.0
10	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	17	1.4	*
...	All other causes (residual)	229	18.6	637.8

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
Native Hawaiian and Other Pacific Islander, non-Hispanic, female, 65–74 years				
...	All causes	516	100.0	2,286.6
1	Malignant neoplasms (C00–C97)	127	24.6	562.8
2	COVID-19 (U07.1)	100	19.4	443.1
3	Diseases of heart (I00–I09,I11,I13,I20–I51)	90	17.4	398.8
4	Diabetes mellitus (E10–E149)	40	7.8	177.3
5	Cerebrovascular diseases (I60–I69)	25	4.8	110.8
6	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	18	3.5	*
7	Essential hypertension and hypertensive renal disease (I10,I12,I15)	13	2.5	*
8	Septicemia (A40–A41)	7	1.4	*
8	Alzheimer disease (G30)	7	1.4	*
8	Chronic lower respiratory diseases (J40–J47)	7	1.4	*
...	All other causes (residual)	82	15.9	363.4
Native Hawaiian and Other Pacific Islander, non-Hispanic, female, 75–84 years				
...	All causes	427	100.0	4,384.9
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	90	21.1	924.2
2	Malignant neoplasms (C00–C97)	76	17.8	780.4
3	COVID-19 (U07.1)	67	15.7	688.0
4	Cerebrovascular diseases (I60–I69)	36	8.4	369.7
5	Diabetes mellitus (E10–E149)	25	5.9	256.7
6	Chronic lower respiratory diseases (J40–J47)	16	3.7	*
7	Alzheimer disease (G30)	15	3.5	*
8	Essential hypertension and hypertensive renal disease (I10,I12,I15)	8	1.9	*
8	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	8	1.9	*
10	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	6	1.4	*
10	Parkinson disease (G20–G21)	6	1.4	*
...	All other causes (residual)	74	17.3	759.9
Native Hawaiian and Other Pacific Islander, non-Hispanic, female, 85 years and older				
...	All causes	289	100.0	8,027.8
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	67	23.2	1,861.1
2	COVID-19 (U07.1)	39	13.5	1,083.3
3	Alzheimer disease (G30)	34	11.8	944.4
4	Malignant neoplasms (C00–C97)	30	10.4	833.3
5	Cerebrovascular diseases (I60–I69)	21	7.3	583.3
6	Diabetes mellitus (E10–E149)	11	3.8	*
7	Essential hypertension and hypertensive renal disease (I10,I12,I15)	8	2.8	*
8	Chronic lower respiratory diseases (J40–J47)	6	2.1	*
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	6	2.1	*
10	Nutritional deficiencies (E40–E64)	3	1.0	*
...	All other causes (residual)	64	22.1	1,777.8
White, non-Hispanic, both sexes, all ages ⁴				
...	All causes	2,548,809	100.0	1,294.9
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	531,162	20.8	269.9
2	Malignant neoplasms (C00–C97)	462,601	18.1	235.0
3	COVID-19 (U07.1)	271,253	10.6	137.8
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	153,897	6.0	78.2
5	Chronic lower respiratory diseases (J40–J47)	122,054	4.8	62.0
6	Cerebrovascular diseases (I60–I69)	117,809	4.6	59.9
7	Alzheimer disease (G30)	96,522	3.8	49.0
8	Diabetes mellitus (E10–E149)	65,789	2.6	33.4
9	Chronic liver disease and cirrhosis (K70,K73–K74)	39,824	1.6	20.2
10	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	36,681	1.4	18.6
...	All other causes (residual)	651,217	25.5	330.8

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
White, non-Hispanic, both sexes, 1–4 years				
...	All causes	1,613	100.0	21.9
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	587	36.4	8.0
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	181	11.2	2.5
3	Malignant neoplasms (C00–C97)	126	7.8	1.7
4	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	97	6.0	1.3
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	44	2.7	0.6
6	Certain conditions originating in the perinatal period (P00–P96)	23	1.4	0.3
7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	21	1.3	0.3
8	Influenza and pneumonia (J09–J18)	19	1.2	*
8	Cerebrovascular diseases (I60–I69)	19	1.2	*
10	Septicemia (A40–A41)	16	1.0	*
...	All other causes (residual)	480	29.8	6.5
White, non-Hispanic, both sexes, 5–9 years				
...	All causes	1,042	100.0	10.5
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	350	33.6	3.5
2	Malignant neoplasms (C00–C97)	166	15.9	1.7
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	90	8.6	0.9
4	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	51	4.9	0.5
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	26	2.5	0.3
6	COVID-19 (U07.1)	24	2.3	0.2
7	Cerebrovascular diseases (I60–I69)	16	1.5	*
8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	15	1.4	*
9	Septicemia (A40–A41)	14	1.3	*
10	Influenza and pneumonia (J09–J18)	13	1.2	*
...	All other causes (residual)	277	26.6	2.8
White, non-Hispanic, both sexes, 10–14 years				
...	All causes	1,600	100.0	15.1
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	443	27.7	4.2
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	343	21.4	3.2
3	Malignant neoplasms (C00–C97)	196	12.3	1.8
4	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	83	5.2	0.8
5	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	57	3.6	0.5
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	49	3.1	0.5
7	COVID-19 (U07.1)	27	1.7	0.3
8	Cerebrovascular diseases (I60–I69)	20	1.3	0.2
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	18	1.1	*
10	Chronic lower respiratory diseases (J40–J47)	13	0.8	*
...	All other causes (residual)	351	21.9	3.3
White, non-Hispanic, both sexes, 15–19 years				
...	All causes	5,791	100.0	52.1
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	2,646	45.7	23.8
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1,365	23.6	12.3
3	Malignant neoplasms (C00–C97)	301	5.2	2.7
4	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	300	5.2	2.7
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	142	2.5	1.3
6	COVID-19 (U07.1)	141	2.4	1.3
7	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	107	1.8	1.0
8	Diabetes mellitus (E10–E149)	43	0.7	0.4
9	Cerebrovascular diseases (I60–I69)	30	0.5	0.3
10	Influenza and pneumonia (J09–J18)	26	0.4	0.2
...	All other causes (residual)	690	11.9	6.2

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
White, non-Hispanic, both sexes, 20–24 years				
...	All causes	11,256	100.0	98.8
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	5,658	50.3	49.7
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	2,409	21.4	21.2
3	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	445	4.0	3.9
4	COVID-19 (U07.1)	397	3.5	3.5
5	Malignant neoplasms (C00–C97)	356	3.2	3.1
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	254	2.3	2.2
7	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	125	1.1	1.1
8	Diabetes mellitus (E10–E149)	113	1.0	1.0
9	Pregnancy, childbirth and the puerperium (O00–O99)	58	0.5	0.5
10	Cerebrovascular diseases (I60–I69)	53	0.5	0.5
...	All other causes (residual)	1,388	12.3	12.2
White, non-Hispanic, both sexes, 25–34 years				
...	All causes	42,747	100.0	173.7
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	20,716	48.5	84.2
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	5,650	13.2	23.0
3	COVID-19 (U07.1)	2,362	5.5	9.6
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,986	4.6	8.1
5	Malignant neoplasms (C00–C97)	1,892	4.4	7.7
6	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	1,299	3.0	5.3
7	Chronic liver disease and cirrhosis (K70,K73–K74)	983	2.3	4.0
8	Diabetes mellitus (E10–E149)	597	1.4	2.4
9	Pregnancy, childbirth and the puerperium (O00–O99)	341	0.8	1.4
10	Cerebrovascular diseases (I60–I69)	293	0.7	1.2
...	All other causes (residual)	6,628	15.5	26.9
White, non-Hispanic, both sexes, 35–44 years				
...	All causes	70,257	100.0	287.0
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	23,712	33.8	96.9
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	6,805	9.7	27.8
3	COVID-19 (U07.1)	6,701	9.5	27.4
4	Malignant neoplasms (C00–C97)	6,542	9.3	26.7
5	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	5,779	8.2	23.6
6	Chronic liver disease and cirrhosis (K70,K73–K74)	3,575	5.1	14.6
7	Diabetes mellitus (E10–E149)	1,385	2.0	5.7
8	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	1,263	1.8	5.2
9	Cerebrovascular diseases (I60–I69)	941	1.3	3.8
10	Septicemia (A40–A41)	620	0.9	2.5
...	All other causes (residual)	12,934	18.4	52.8
White, non-Hispanic, both sexes, 45–54 years				
...	All causes	129,484	100.0	529.9
1	Malignant neoplasms (C00–C97)	21,393	16.5	87.6
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	20,787	16.1	85.1
3	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	20,325	15.7	83.2
4	COVID-19 (U07.1)	18,398	14.2	75.3
5	Chronic liver disease and cirrhosis (K70,K73–K74)	6,897	5.3	28.2
6	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	6,009	4.6	24.6
7	Diabetes mellitus (E10–E149)	4,018	3.1	16.4
8	Cerebrovascular diseases (I60–I69)	2,886	2.2	11.8
9	Chronic lower respiratory diseases (J40–J47)	2,420	1.9	9.9
10	Septicemia (A40–A41)	1,402	1.1	5.7
...	All other causes (residual)	24,949	19.3	102.1

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
White, non-Hispanic, both sexes, 55–64 years				
...	All causes	320,239	100.0	1,097.8
1	Malignant neoplasms (C00–C97)	77,211	24.1	264.7
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	59,886	18.7	205.3
3	COVID-19 (U07.1)	42,646	13.3	146.2
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	22,200	6.9	76.1
5	Chronic lower respiratory diseases (J40–J47)	14,532	4.5	49.8
6	Chronic liver disease and cirrhosis (K70,K73–K74)	12,653	4.0	43.4
7	Diabetes mellitus (E10–E149)	10,998	3.4	37.7
8	Cerebrovascular diseases (I60–I69)	8,585	2.7	29.4
9	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	6,362	2.0	21.8
10	Septicemia (A40–A41)	4,149	1.3	14.2
...	All other causes (residual)	61,017	19.1	209.2
White, non-Hispanic, both sexes, 65 years and older				
...	All causes	1,956,823	100.0	4,664.2
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	441,055	22.5	1,051.3
2	Malignant neoplasms (C00–C97)	354,393	18.1	844.7
3	COVID-19 (U07.1)	200,506	10.2	477.9
4	Cerebrovascular diseases (I60–I69)	104,931	5.4	250.1
5	Chronic lower respiratory diseases (J40–J47)	104,434	5.3	248.9
6	Alzheimer disease (G30)	95,370	4.9	227.3
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	56,699	2.9	135.1
8	Diabetes mellitus (E10–E149)	48,615	2.5	115.9
9	Parkinson disease (G20–G21)	32,086	1.6	76.5
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	31,203	1.6	74.4
...	All other causes (residual)	487,531	24.9	1,162.0
White, non-Hispanic, both sexes, 65–74 years				
...	All causes	529,241	100.0	2,123.9
1	Malignant neoplasms (C00–C97)	137,149	25.9	550.4
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	102,245	19.3	410.3
3	COVID-19 (U07.1)	66,465	12.6	266.7
4	Chronic lower respiratory diseases (J40–J47)	32,470	6.1	130.3
5	Cerebrovascular diseases (I60–I69)	18,901	3.6	75.9
6	Diabetes mellitus (E10–E149)	18,075	3.4	72.5
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	15,923	3.0	63.9
8	Chronic liver disease and cirrhosis (K70,K73–K74)	9,728	1.8	39.0
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	7,611	1.4	30.5
10	Septicemia (A40–A41)	7,393	1.4	29.7
...	All other causes (residual)	113,281	21.4	454.6
White, non-Hispanic, both sexes, 75–84 years				
...	All causes	653,298	100.0	5,257.7
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	133,793	20.5	1,076.8
2	Malignant neoplasms (C00–C97)	132,856	20.3	1,069.2
3	COVID-19 (U07.1)	71,091	10.9	572.1
4	Chronic lower respiratory diseases (J40–J47)	40,718	6.2	327.7
5	Cerebrovascular diseases (I60–I69)	33,149	5.1	266.8
6	Alzheimer disease (G30)	28,134	4.3	226.4
7	Diabetes mellitus (E10–E149)	17,617	2.7	141.8
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	17,234	2.6	138.7
9	Parkinson disease (G20–G21)	14,292	2.2	115.0
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	11,102	1.7	89.3
...	All other causes (residual)	153,312	23.5	1,233.9

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
White, non-Hispanic, both sexes, 85 years and older				
...	All causes	774,284	100.0	16,793.9
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	205,017	26.5	4,446.7
2	Malignant neoplasms (C00–C97)	84,388	10.9	1,830.3
3	COVID-19 (U07.1)	62,950	8.1	1,365.4
4	Alzheimer disease (G30)	60,217	7.8	1,306.1
5	Cerebrovascular diseases (I60–I69)	52,881	6.8	1,147.0
6	Chronic lower respiratory diseases (J40–J47)	31,246	4.0	677.7
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	23,542	3.0	510.6
8	Diabetes mellitus (E10–E149)	12,923	1.7	280.3
9	Parkinson disease (G20–G21)	12,591	1.6	273.1
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	12,490	1.6	270.9
...	All other causes (residual)	216,039	27.9	4,685.8
White, non-Hispanic, male, all ages ⁴				
...	All causes	1,337,385	100.0	1,368.8
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	292,973	21.9	299.9
2	Malignant neoplasms (C00–C97)	246,599	18.4	252.4
3	COVID-19 (U07.1)	154,806	11.6	158.4
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	98,274	7.3	100.6
5	Chronic lower respiratory diseases (J40–J47)	57,231	4.3	58.6
6	Cerebrovascular diseases (I60–I69)	50,219	3.8	51.4
7	Diabetes mellitus (E10–E149)	38,428	2.9	39.3
8	Alzheimer disease (G30)	30,170	2.3	30.9
9	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	29,292	2.2	30.0
10	Chronic liver disease and cirrhosis (K70,K73–K74)	24,824	1.9	25.4
...	All other causes (residual)	314,569	23.5	322.0
White, non-Hispanic, male, 1–4 years				
...	All causes	927	100.0	24.5
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	355	38.3	9.4
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	92	9.9	2.4
3	Malignant neoplasms (C00–C97)	74	8.0	2.0
4	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	64	6.9	1.7
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	23	2.5	0.6
6	Certain conditions originating in the perinatal period (P00–P96)	13	1.4	*
7	Septicemia (A40–A41)	12	1.3	*
7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	12	1.3	*
9	Influenza and pneumonia (J09–J18)	9	1.0	*
9	COVID-19 (U07.1)	9	1.0	*
...	All other causes (residual)	264	28.5	7.0
White, non-Hispanic, male, 5–9 years				
...	All causes	605	100.0	11.8
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	220	36.4	4.3
2	Malignant neoplasms (C00–C97)	94	15.5	1.8
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	45	7.4	0.9
4	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	32	5.3	0.6
5	COVID-19 (U07.1)	14	2.3	*
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	13	2.1	*
7	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	9	1.5	*
8	Cerebrovascular diseases (I60–I69)	7	1.2	*
9	Septicemia (A40–A41)	6	1.0	*
9	Influenza and pneumonia (J09–J18)	6	1.0	*
9	Certain conditions originating in the perinatal period (P00–P96)	6	1.0	*
...	All other causes (residual)	153	25.3	3.0

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
White, non-Hispanic, male, 10–14 years				
...	All causes	955	100.0	17.5
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	280	29.3	5.1
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	223	23.4	4.1
3	Malignant neoplasms (C00–C97)	106	11.1	1.9
4	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	48	5.0	0.9
5	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	36	3.8	0.7
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	29	3.0	0.5
7	COVID-19 (U07.1)	18	1.9	*
8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	10	1.0	*
8	Chronic lower respiratory diseases (J40–J47)	10	1.0	*
10	Cerebrovascular diseases (I60–I69)	9	0.9	*
...	All other causes (residual)	186	19.5	3.4
White, non-Hispanic, male, 15–19 years				
...	All causes	4,026	100.0	70.4
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	1,832	45.5	32.1
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	1,071	26.6	18.7
3	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	221	5.5	3.9
4	Malignant neoplasms (C00–C97)	203	5.0	3.6
5	COVID-19 (U07.1)	87	2.2	1.5
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	84	2.1	1.5
7	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	58	1.4	1.0
8	Diabetes mellitus (E10–E149)	25	0.6	0.4
9	Influenza and pneumonia (J09–J18)	16	0.4	*
10	Cerebrovascular diseases (I60–I69)	14	0.3	*
...	All other causes (residual)	415	10.3	7.3
White, non-Hispanic, male, 20–24 years				
...	All causes	8,058	100.0	138.2
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	4,043	50.2	69.3
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	2,020	25.1	34.6
3	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	337	4.2	5.8
4	COVID-19 (U07.1)	236	2.9	4.0
5	Malignant neoplasms (C00–C97)	214	2.7	3.7
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	172	2.1	3.0
7	Diabetes mellitus (E10–E149)	76	0.9	1.3
8	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	68	0.8	1.2
9	Cerebrovascular diseases (I60–I69)	29	0.4	0.5
10	Chronic lower respiratory diseases (J40–J47)	25	0.3	0.4
...	All other causes (residual)	838	10.4	14.4
White, non-Hispanic, male, 25–34 years				
...	All causes	29,601	100.0	236.9
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	15,083	51.0	120.7
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	4,621	15.6	37.0
3	COVID-19 (U07.1)	1,479	5.0	11.8
4	Diseases of heart (I00–I09,I11,I13,I20–I51)	1,269	4.3	10.2
5	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	935	3.2	7.5
6	Malignant neoplasms (C00–C97)	928	3.1	7.4
7	Chronic liver disease and cirrhosis (K70,K73–K74)	575	1.9	4.6
8	Diabetes mellitus (E10–E149)	370	1.2	3.0
9	Cerebrovascular diseases (I60–I69)	172	0.6	1.4
10	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	163	0.6	1.3
...	All other causes (residual)	4,006	13.5	32.1

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
White, non-Hispanic, male, 35–44 years				
...	All causes	45,292	100.0	365.1
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	16,687	36.8	134.5
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	4,695	10.4	37.8
3	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	4,551	10.0	36.7
4	COVID-19 (U07.1)	4,033	8.9	32.5
5	Malignant neoplasms (C00–C97)	2,873	6.3	23.2
6	Chronic liver disease and cirrhosis (K70,K73–K74)	2,201	4.9	17.7
7	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	904	2.0	7.3
8	Diabetes mellitus (E10–E149)	861	1.9	6.9
9	Cerebrovascular diseases (I60–I69)	509	1.1	4.1
10	Septicemia (A40–A41)	336	0.7	2.7
...	All other causes (residual)	7,642	16.9	61.6
White, non-Hispanic, male, 45–54 years				
...	All causes	80,909	100.0	655.3
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	14,753	18.2	119.5
2	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	14,060	17.4	113.9
3	COVID-19 (U07.1)	11,579	14.3	93.8
4	Malignant neoplasms (C00–C97)	10,455	12.9	84.7
5	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	4,565	5.6	37.0
6	Chronic liver disease and cirrhosis (K70,K73–K74)	4,384	5.4	35.5
7	Diabetes mellitus (E10–E149)	2,600	3.2	21.1
8	Cerebrovascular diseases (I60–I69)	1,656	2.0	13.4
9	Chronic lower respiratory diseases (J40–J47)	1,134	1.4	9.2
10	Septicemia (A40–A41)	700	0.9	5.7
...	All other causes (residual)	15,023	18.6	121.7
White, non-Hispanic, male, 55–64 years				
...	All causes	196,640	100.0	1,361.5
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	42,167	21.4	292.0
2	Malignant neoplasms (C00–C97)	41,991	21.4	290.7
3	COVID-19 (U07.1)	26,299	13.4	182.1
4	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	15,423	7.8	106.8
5	Chronic liver disease and cirrhosis (K70,K73–K74)	8,164	4.2	56.5
6	Diabetes mellitus (E10–E149)	7,219	3.7	50.0
7	Chronic lower respiratory diseases (J40–J47)	7,189	3.7	49.8
8	Cerebrovascular diseases (I60–I69)	4,942	2.5	34.2
9	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	4,864	2.5	33.7
10	Septicemia (A40–A41)	2,250	1.1	15.6
...	All other causes (residual)	36,132	18.4	250.2
White, non-Hispanic, male, 65 years and older				
...	All causes	966,029	100.0	5,022.4
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	229,699	23.8	1,194.2
2	Malignant neoplasms (C00–C97)	189,648	19.6	986.0
3	COVID-19 (U07.1)	111,034	11.5	577.3
4	Chronic lower respiratory diseases (J40–J47)	48,576	5.0	252.5
5	Cerebrovascular diseases (I60–I69)	42,847	4.4	222.8
6	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	29,974	3.1	155.8
7	Alzheimer disease (G30)	29,732	3.1	154.6
8	Diabetes mellitus (E10–E149)	27,270	2.8	141.8
9	Parkinson disease (G20–G21)	19,793	2.0	102.9
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	16,301	1.7	84.7
...	All other causes (residual)	221,155	22.9	1,149.8

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Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
White, non-Hispanic, male, 65–74 years				
...	All causes	308,882	100.0	2,587.2
1	Malignant neoplasms (C00–C97)	76,279	24.7	638.9
2	Diseases of heart (I00–I09,I11,I13,I20–I51)	66,926	21.7	560.6
3	COVID-19 (U07.1)	39,878	12.9	334.0
4	Chronic lower respiratory diseases (J40–J47)	16,848	5.5	141.1
5	Diabetes mellitus (E10–E149)	11,072	3.6	92.7
6	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	10,475	3.4	87.7
7	Cerebrovascular diseases (I60–I69)	10,159	3.3	85.1
8	Chronic liver disease and cirrhosis (K70,K73–K74)	6,134	2.0	51.4
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	4,275	1.4	35.8
10	Septicemia (A40–A41)	3,855	1.2	32.3
...	All other causes (residual)	62,981	20.4	527.5
White, non-Hispanic, male, 75–84 years				
...	All causes	345,184	100.0	6,168.8
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	76,434	22.1	1,366.0
2	Malignant neoplasms (C00–C97)	71,607	20.7	1,279.7
3	COVID-19 (U07.1)	41,404	12.0	739.9
4	Chronic lower respiratory diseases (J40–J47)	19,227	5.6	343.6
5	Cerebrovascular diseases (I60–I69)	15,278	4.4	273.0
6	Alzheimer disease (G30)	10,259	3.0	183.3
7	Diabetes mellitus (E10–E149)	10,155	2.9	181.5
8	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	9,629	2.8	172.1
9	Parkinson disease (G20–G21)	9,159	2.7	163.7
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	6,015	1.7	107.5
...	All other causes (residual)	76,017	22.0	1,358.5
White, non-Hispanic, male, 85 years and older				
...	All causes	311,963	100.0	18,352.7
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	86,339	27.7	5,079.3
2	Malignant neoplasms (C00–C97)	41,762	13.4	2,456.8
3	COVID-19 (U07.1)	29,752	9.5	1,750.3
4	Cerebrovascular diseases (I60–I69)	17,410	5.6	1,024.2
5	Alzheimer disease (G30)	16,728	5.4	984.1
6	Chronic lower respiratory diseases (J40–J47)	12,501	4.0	735.4
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	9,870	3.2	580.6
8	Parkinson disease (G20–G21)	7,108	2.3	418.2
9	Diabetes mellitus (E10–E149)	6,043	1.9	355.5
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	6,011	1.9	353.6
...	All other causes (residual)	78,439	25.1	4,614.5
White, non-Hispanic, female, all ages ⁴				
...	All causes	1,211,424	100.0	1,222.1
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	238,189	19.7	240.3
2	Malignant neoplasms (C00–C97)	216,002	17.8	217.9
3	COVID-19 (U07.1)	116,447	9.6	117.5
4	Cerebrovascular diseases (I60–I69)	67,590	5.6	68.2
5	Alzheimer disease (G30)	66,352	5.5	66.9
6	Chronic lower respiratory diseases (J40–J47)	64,823	5.4	65.4
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	55,623	4.6	56.1
8	Diabetes mellitus (E10–E149)	27,361	2.3	27.6
9	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	17,038	1.4	17.2
10	Essential hypertension and hypertensive renal disease (I10,I12,I15)	15,584	1.3	15.7
...	All other causes (residual)	326,415	26.9	329.3

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
White, non-Hispanic, female, 1–4 years				
...	All causes	686	100.0	19.1
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	232	33.8	6.5
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	89	13.0	2.5
3	Malignant neoplasms (C00–C97)	52	7.6	1.4
4	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	33	4.8	0.9
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	21	3.1	0.6
6	Cerebrovascular diseases (I60–I69)	12	1.7	*
7	Certain conditions originating in the perinatal period (P00–P96)	10	1.5	*
7	Influenza and pneumonia (J09–J18)	10	1.5	*
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	9	1.3	*
10	Chronic lower respiratory diseases (J40–J47)	8	1.2	*
...	All other causes (residual)	210	30.6	5.8
White, non-Hispanic, female, 5–9 years				
...	All causes	437	100.0	9.0
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	130	29.7	2.7
2	Malignant neoplasms (C00–C97)	72	16.5	1.5
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	45	10.3	0.9
4	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	19	4.3	*
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	13	3.0	*
6	COVID-19 (U07.1)	10	2.3	*
7	Cerebrovascular diseases (I60–I69)	9	2.1	*
8	Septicemia (A40–A41)	8	1.8	*
9	Influenza and pneumonia (J09–J18)	7	1.6	*
10	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	6	1.4	*
10	Chronic lower respiratory diseases (J40–J47)	6	1.4	*
...	All other causes (residual)	112	25.6	2.3
White, non-Hispanic, female, 10–14 years				
...	All causes	645	100.0	12.5
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	163	25.3	3.2
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	120	18.6	2.3
3	Malignant neoplasms (C00–C97)	90	14.0	1.7
4	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	35	5.4	0.7
5	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	21	3.3	0.4
6	Diseases of heart (I00–I09,I11,I13,I20–I51)	20	3.1	0.4
7	Cerebrovascular diseases (I60–I69)	11	1.7	*
8	COVID-19 (U07.1)	9	1.4	*
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	8	1.2	*
9	Diabetes mellitus (E10–E149)	8	1.2	*
...	All other causes (residual)	160	24.8	3.1
White, non-Hispanic, female, 15–19 years				
...	All causes	1,765	100.0	32.6
1	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	814	46.1	15.1
2	Intentional self-harm (suicide) (*U03,X60–X84,Y87.0)	294	16.7	5.4
3	Malignant neoplasms (C00–C97)	98	5.6	1.8
4	Assault (homicide) (*U01–*U02.9,X85–Y09,Y87.1)	79	4.5	1.5
5	Diseases of heart (I00–I09,I11,I13,I20–I51)	58	3.3	1.1
6	COVID-19 (U07.1)	54	3.1	1.0
7	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	49	2.8	0.9
8	Diabetes mellitus (E10–E149)	18	1.0	*
9	Cerebrovascular diseases (I60–I69)	16	0.9	*
10	Pregnancy, childbirth and the puerperium (O00–O99)	11	0.6	*
...	All other causes (residual)	274	15.5	5.1

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
White, non-Hispanic, female, 20–24 years				
...	All causes.....	3,198	100.0	57.5
1	Accidents (unintentional injuries)..... (V01–X59,Y85–Y86)	1,615	50.5	29.0
2	Intentional self-harm (suicide)..... (*U03,X60–X84,Y87.0)	389	12.2	7.0
3	COVID-19..... (U07.1)	161	5.0	2.9
4	Malignant neoplasms..... (C00–C97)	142	4.4	2.6
5	Assault (homicide)..... (*U01–*U02.9,X85–Y09,Y87.1)	108	3.4	1.9
6	Diseases of heart..... (I00–I09,I11,I13,I20–I51)	82	2.6	1.5
7	Pregnancy, childbirth and the puerperium..... (O00–O99)	58	1.8	1.0
8	Congenital malformations, deformations and chromosomal abnormalities..... (Q00–Q99)	57	1.8	1.0
9	Diabetes mellitus..... (E10–E149)	37	1.2	0.7
10	Cerebrovascular diseases..... (I60–I69)	24	0.8	0.4
...	All other causes..... (residual)	525	16.4	9.4
White, non-Hispanic, female, 25–34 years				
...	All causes.....	13,146	100.0	108.5
1	Accidents (unintentional injuries)..... (V01–X59,Y85–Y86)	5,633	42.8	46.5
2	Intentional self-harm (suicide)..... (*U03,X60–X84,Y87.0)	1,029	7.8	8.5
3	Malignant neoplasms..... (C00–C97)	964	7.3	8.0
4	COVID-19..... (U07.1)	883	6.7	7.3
5	Diseases of heart..... (I00–I09,I11,I13,I20–I51)	717	5.5	5.9
6	Chronic liver disease and cirrhosis..... (K70,K73–K74)	408	3.1	3.4
7	Assault (homicide)..... (*U01–*U02.9,X85–Y09,Y87.1)	364	2.8	3.0
8	Pregnancy, childbirth and the puerperium..... (O00–O99)	341	2.6	2.8
9	Diabetes mellitus..... (E10–E149)	227	1.7	1.9
10	Cerebrovascular diseases..... (I60–I69)	121	0.9	1.0
...	All other causes..... (residual)	2,459	18.7	20.3
White, non-Hispanic, female, 35–44 years				
...	All causes.....	24,965	100.0	206.8
1	Accidents (unintentional injuries)..... (V01–X59,Y85–Y86)	7,025	28.1	58.2
2	Malignant neoplasms..... (C00–C97)	3,669	14.7	30.4
3	COVID-19..... (U07.1)	2,668	10.7	22.1
4	Diseases of heart..... (I00–I09,I11,I13,I20–I51)	2,110	8.5	17.5
5	Chronic liver disease and cirrhosis..... (K70,K73–K74)	1,374	5.5	11.4
6	Intentional self-harm (suicide)..... (*U03,X60–X84,Y87.0)	1,228	4.9	10.2
7	Diabetes mellitus..... (E10–E149)	524	2.1	4.3
8	Cerebrovascular diseases..... (I60–I69)	432	1.7	3.6
9	Assault (homicide)..... (*U01–*U02.9,X85–Y09,Y87.1)	359	1.4	3.0
10	Septicemia..... (A40–A41)	284	1.1	2.4
...	All other causes..... (residual)	5,292	21.2	43.8
White, non-Hispanic, female, 45–54 years				
...	All causes.....	48,575	100.0	401.9
1	Malignant neoplasms..... (C00–C97)	10,938	22.5	90.5
2	COVID-19..... (U07.1)	6,819	14.0	56.4
3	Accidents (unintentional injuries)..... (V01–X59,Y85–Y86)	6,265	12.9	51.8
4	Diseases of heart..... (I00–I09,I11,I13,I20–I51)	6,034	12.4	49.9
5	Chronic liver disease and cirrhosis..... (K70,K73–K74)	2,513	5.2	20.8
6	Intentional self-harm (suicide)..... (*U03,X60–X84,Y87.0)	1,444	3.0	11.9
7	Diabetes mellitus..... (E10–E149)	1,418	2.9	11.7
8	Chronic lower respiratory diseases..... (J40–J47)	1,286	2.6	10.6
9	Cerebrovascular diseases..... (I60–I69)	1,230	2.5	10.2
10	Septicemia..... (A40–A41)	702	1.4	5.8
...	All other causes..... (residual)	9,926	20.4	82.1

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
White, non-Hispanic, female, 55–64 years				
...	All causes	123,599	100.0	839.1
1	Malignant neoplasms.....(C00–C97)	35,220	28.5	239.1
2	Diseases of heart.....(I00–I09,I11,I13,I20–I51)	17,719	14.3	120.3
3	COVID-19.....(U07.1)	16,347	13.2	111.0
4	Chronic lower respiratory diseases.....(J40–J47)	7,343	5.9	49.9
5	Accidents (unintentional injuries).....(V01–X59,Y85–Y86)	6,777	5.5	46.0
6	Chronic liver disease and cirrhosis.....(K70,K73–K74)	4,489	3.6	30.5
7	Diabetes mellitus.....(E10–E149)	3,779	3.1	25.7
8	Cerebrovascular diseases.....(I60–I69)	3,643	2.9	24.7
9	Septicemia.....(A40–A41)	1,899	1.5	12.9
10	Intentional self-harm (suicide).....(*U03,X60–X84,Y87.0)	1,498	1.2	10.2
...	All other causes.....(residual)	24,885	20.1	169.0
White, non-Hispanic, female, 65 years and older				
...	All causes	990,794	100.0	4,360.9
1	Diseases of heart.....(I00–I09,I11,I13,I20–I51)	211,356	21.3	930.3
2	Malignant neoplasms.....(C00–C97)	164,745	16.6	725.1
3	COVID-19.....(U07.1)	89,472	9.0	393.8
4	Alzheimer disease.....(G30)	65,638	6.6	288.9
5	Cerebrovascular diseases.....(I60–I69)	62,084	6.3	273.3
6	Chronic lower respiratory diseases.....(J40–J47)	55,858	5.6	245.9
7	Accidents (unintentional injuries).....(V01–X59,Y85–Y86)	26,725	2.7	117.6
8	Diabetes mellitus.....(E10–E149)	21,345	2.2	93.9
9	Nephritis, nephrotic syndrome and nephrosis.....(N00–N07,N17–N19,N25–N27)	14,902	1.5	65.6
10	Essential hypertension and hypertensive renal disease.....(I10,I12,I15)	14,203	1.4	62.5
...	All other causes.....(residual)	264,466	26.7	1,164.0
White, non-Hispanic, female, 65–74 years				
...	All causes	220,359	100.0	1,697.7
1	Malignant neoplasms.....(C00–C97)	60,870	27.6	469.0
2	Diseases of heart.....(I00–I09,I11,I13,I20–I51)	35,319	16.0	272.1
3	COVID-19.....(U07.1)	26,587	12.1	204.8
4	Chronic lower respiratory diseases.....(J40–J47)	15,622	7.1	120.4
5	Cerebrovascular diseases.....(I60–I69)	8,742	4.0	67.4
6	Diabetes mellitus.....(E10–E149)	7,003	3.2	54.0
7	Accidents (unintentional injuries).....(V01–X59,Y85–Y86)	5,448	2.5	42.0
8	Alzheimer disease.....(G30)	4,274	1.9	32.9
9	Chronic liver disease and cirrhosis.....(K70,K73–K74)	3,594	1.6	27.7
10	Septicemia.....(A40–A41)	3,538	1.6	27.3
...	All other causes.....(residual)	49,362	22.4	380.3
White, non-Hispanic, female, 75–84 years				
...	All causes	308,114	100.0	4,511.3
1	Malignant neoplasms.....(C00–C97)	61,249	19.9	896.8
2	Diseases of heart.....(I00–I09,I11,I13,I20–I51)	57,359	18.6	839.8
3	COVID-19.....(U07.1)	29,687	9.6	434.7
4	Chronic lower respiratory diseases.....(J40–J47)	21,491	7.0	314.7
5	Alzheimer disease.....(G30)	17,875	5.8	261.7
6	Cerebrovascular diseases.....(I60–I69)	17,871	5.8	261.7
7	Accidents (unintentional injuries).....(V01–X59,Y85–Y86)	7,605	2.5	111.4
8	Diabetes mellitus.....(E10–E149)	7,462	2.4	109.3
9	Parkinson disease.....(G20–G21)	5,133	1.7	75.2
10	Nephritis, nephrotic syndrome and nephrosis.....(N00–N07,N17–N19,N25–N27)	5,087	1.7	74.5
...	All other causes.....(residual)	77,295	25.1	1,131.7

See footnotes at end of table.

Table 1. Deaths, percentage of total deaths, and death rate for the 10 leading causes of death in selected age groups, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are per 100,000 population in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of misreporting of Hispanic origin and race on the death certificate. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), race and Hispanic origin, sex, and age group	Number ^{2,3}	Percent of total deaths	Death rate ^{2,3}
	White, non-Hispanic, female, 85 years and older			
...	All causes	462,321	100.0	15,883.6
1	Diseases of heart (I00–I09,I11,I13,I20–I51)	118,678	25.7	4,077.3
2	Alzheimer disease (G30)	43,489	9.4	1,494.1
3	Malignant neoplasms (C00–C97)	42,626	9.2	1,464.5
4	Cerebrovascular diseases (I60–I69)	35,471	7.7	1,218.6
5	COVID-19 (U07.1)	33,198	7.2	1,140.6
6	Chronic lower respiratory diseases (J40–J47)	18,745	4.1	644.0
7	Accidents (unintentional injuries) (V01–X59,Y85–Y86)	13,672	3.0	469.7
8	Essential hypertension and hypertensive renal disease (I10,I12,I15)	8,147	1.8	279.9
9	Diabetes mellitus (E10–E149)	6,880	1.5	236.4
10	Nephritis, nephrotic syndrome and nephrosis (N00–N07,N17–N19,N25–N27)	6,479	1.4	222.6
...	All other causes (residual)	134,936	29.2	4,635.9

... Category not applicable.

* Estimate does not meet National Center for Health statistics standards of reliability.

– Quantity zero.

¹Based on number of deaths.

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

³Data for two or more races and origin not stated are included in "all races and origins" but are not distributed among race and Hispanic-origin groups. For the race and Hispanic-origin categories shown, only one race was reported on the death certificate.

⁴Includes deaths for younger than 1 year.

SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data file.

Table 2. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rate for the 10 leading causes of infant death, by race and Hispanic origin and sex: United States, 2021

[Rates are infant (younger than 1 year), neonatal (younger than 28 days), and postneonatal (28 days through 11 months) deaths per 100,000 live births in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated separately by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of inconsistencies between reporting Hispanic origin and race on birth and death certificates. Deaths are based on race and Hispanic origin of decedent; live births are based on race and Hispanic origin of mother. National linked files should be used to measure infant mortality for specific subgroups. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Infants, all races and origins, both sexes				
...	All causes	19,920	100.0	543.6
1	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	3,963	19.9	108.2
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	2,946	14.8	80.4
3	Sudden infant death syndrome (R95)	1,459	7.3	39.8
4	Accidents (unintentional injuries). (V01-X59)	1,306	6.6	35.6
5	Newborn affected by maternal complications of pregnancy. (P01)	1,113	5.6	30.4
6	Newborn affected by complications of placenta, cord and membranes (P02)	672	3.4	18.3
7	Bacterial sepsis of newborn (P36)	557	2.8	15.2
8	Respiratory distress of newborn (P22)	414	2.1	11.3
9	Diseases of the circulatory system. (I00-I99)	402	2.0	11.0
10	Intrauterine hypoxia and birth asphyxia (P20-P21)	358	1.8	9.8
...	All other causes (residual)	6,730	33.8	183.7
Infants, all races and origins, male				
...	All causes	10,909	100.0	582.3
1	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	2,007	18.4	107.1
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	1,602	14.7	85.5
3	Sudden infant death syndrome (R95)	814	7.5	43.5
4	Accidents (unintentional injuries). (V01-X59)	749	6.9	40.0
5	Newborn affected by maternal complications of pregnancy. (P01)	600	5.5	32.0
6	Newborn affected by complications of placenta, cord and membranes (P02)	372	3.4	19.9
7	Bacterial sepsis of newborn (P36)	315	2.9	16.8
8	Respiratory distress of newborn (P22)	233	2.1	12.4
9	Diseases of the circulatory system. (I00-I99)	222	2.0	11.9
10	Neonatal hemorrhage. (P50-P52,P54)	194	1.8	10.4
...	All other causes (residual)	3,801	34.8	202.9
Infants, all races and origins, female				
...	All causes	9,011	100.0	503.2
1	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	1,956	21.7	109.2
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	1,344	14.9	75.0
3	Sudden infant death syndrome (R95)	645	7.2	36.0
4	Accidents (unintentional injuries). (V01-X59)	557	6.2	31.1
5	Newborn affected by maternal complications of pregnancy. (P01)	513	5.7	28.6
6	Newborn affected by complications of placenta, cord and membranes (P02)	300	3.3	16.8
7	Bacterial sepsis of newborn (P36)	242	2.7	13.5
8	Respiratory distress of newborn (P22)	181	2.0	10.1
8	Intrauterine hypoxia and birth asphyxia (P20-P21)	181	2.0	10.1
10	Diseases of the circulatory system. (I00-I99)	180	2.0	10.1
...	All other causes (residual)	2,912	32.3	162.6

See footnotes at end of table.

Table 2. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rate for the 10 leading causes of infant death, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are infant (younger than 1 year), neonatal (younger than 28 days), and postneonatal (28 days through 11 months) deaths per 100,000 live births in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated separately by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of inconsistencies between reporting Hispanic origin and race on birth and death certificates. Deaths are based on race and Hispanic origin of decedent; live births are based on race and Hispanic origin of mother. National linked files should be used to measure infant mortality for specific subgroups. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Infants, all races, Hispanic, both sexes				
...	All causes	4,453	100.0	502.6
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1,035	23.2	116.8
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	674	15.1	76.1
3	Newborn affected by maternal complications of pregnancy (P01)	268	6.0	30.3
4	Sudden infant death syndrome (R95)	224	5.0	25.3
5	Accidents (unintentional injuries) (V01–X59)	201	4.5	22.7
6	Bacterial sepsis of newborn (P36)	138	3.1	15.6
6	Newborn affected by complications of placenta, cord and membranes (P02)	138	3.1	15.6
8	Respiratory distress of newborn (P22)	112	2.5	12.6
9	Diseases of the circulatory system (I00–I99)	92	2.1	10.4
10	Necrotizing enterocolitis of newborn (P77)	84	1.9	9.5
...	All other causes (residual)	1,487	33.4	167.8
Infants, all races, Hispanic, male				
...	All causes	2,421	100.0	537.0
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	524	21.6	116.2
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	370	15.3	82.1
3	Newborn affected by maternal complications of pregnancy (P01)	139	5.7	30.8
4	Sudden infant death syndrome (R95)	128	5.3	28.4
5	Accidents (unintentional injuries) (V01–X59)	125	5.2	27.7
6	Bacterial sepsis of newborn (P36)	79	3.3	17.5
7	Newborn affected by complications of placenta, cord and membranes (P02)	78	3.2	17.3
8	Respiratory distress of newborn (P22)	62	2.6	13.8
9	Diseases of the circulatory system (I00–I99)	53	2.2	11.8
10	Necrotizing enterocolitis of newborn (P77)	49	2.0	10.9
...	All other causes (residual)	814	33.6	180.6
Infants, all races, Hispanic, female				
...	All causes	2,032	100.0	467.0
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	511	25.1	117.4
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	304	15.0	69.9
3	Newborn affected by maternal complications of pregnancy (P01)	129	6.3	29.6
4	Sudden infant death syndrome (R95)	96	4.7	22.1
5	Accidents (unintentional injuries) (V01–X59)	76	3.7	17.5
6	Newborn affected by complications of placenta, cord and membranes (P02)	60	3.0	13.8
7	Bacterial sepsis of newborn (P36)	59	2.9	13.6
8	Respiratory distress of newborn (P22)	50	2.5	11.5
9	Diseases of the circulatory system (I00–I99)	39	1.9	9.0
10	Intrauterine hypoxia and birth asphyxia (P20–P21)	35	1.7	8.0
10	Necrotizing enterocolitis of newborn (P77)	35	1.7	8.0
...	All other causes (residual)	638	31.4	146.6

Table 2. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rate for the 10 leading causes of infant death, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are infant (younger than 1 year), neonatal (younger than 28 days), and postneonatal (28 days through 11 months) deaths per 100,000 live births in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated separately by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of inconsistencies between reporting Hispanic origin and race on birth and death certificates. Deaths are based on race and Hispanic origin of decedent; live births are based on race and Hispanic origin of mother. National linked files should be used to measure infant mortality for specific subgroups. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Infants, American Indian and Alaska Native, non-Hispanic, both sexes				
...	All causes	195	100.0	746.4
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	38	19.5	145.5
2	Sudden infant death syndrome (R95)	32	16.4	122.5
3	Accidents (unintentional injuries). (V01–X59)	18	9.2	*
4	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	13	6.7	*
5	Newborn affected by complications of placenta, cord and membranes (P02)	9	4.6	*
6	Bacterial sepsis of newborn (P36)	6	3.1	*
7	Necrotizing enterocolitis of newborn (P77)	5	2.6	*
8	Diarrhea and gastroenteritis of infectious origin (A09)	4	2.1	*
8	Atelectasis (P28.0–P28.1)	4	2.1	*
8	Influenza and pneumonia (J09–J18)	4	2.1	*
...	All other causes (residual)	62	31.8	237.3
Infants, American Indian and Alaska Native, non-Hispanic, male				
...	All causes	105	100.0	786.9
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	20	19.0	149.9
2	Sudden infant death syndrome (R95)	17	16.2	*
3	Accidents (unintentional injuries). (V01–X59)	12	11.4	*
4	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	6	5.7	*
5	Newborn affected by complications of placenta, cord and membranes (P02)	4	3.8	*
6	Necrotizing enterocolitis of newborn (P77)	3	2.9	*
6	Newborn affected by maternal complications of pregnancy (P01)	3	2.9	*
6	Influenza and pneumonia (J09–J18)	3	2.9	*
9	Diarrhea and gastroenteritis of infectious origin (A09)	2	1.9	*
9	Pulmonary hemorrhage originating in the perinatal period (P26)	2	1.9	*
9	Diseases of the circulatory system (I00–I99)	2	1.9	*
...	All other causes (residual)	31	29.5	232.3
Infants, American Indian and Alaska Native, non-Hispanic, female				
...	All causes	90	100.0	704.2
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	18	20.0	*
2	Sudden infant death syndrome (R95)	15	16.7	*
3	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	7	7.8	*
4	Accidents (unintentional injuries). (V01–X59)	6	6.7	*
5	Newborn affected by complications of placenta, cord and membranes (P02)	5	5.6	*
5	Bacterial sepsis of newborn (P36)	5	5.6	*
7	Atelectasis (P28.0–P28.1)	3	3.3	*
8	Necrotizing enterocolitis of newborn (P77)	2	2.2	*
8	Diarrhea and gastroenteritis of infectious origin (A09)	2	2.2	*
10	Respiratory distress of newborn (P22)	1	1.1	*
10	Hernia of abdominal cavity and intestinal obstruction without hernia (K40–K46,K56)	1	1.1	*
10	Congenital syphilis (A50)	1	1.1	*
10	Congenital pneumonia (P23)	1	1.1	*
10	Hematological disorders (P60–P61)	1	1.1	*
10	Influenza and pneumonia (J09–J18)	1	1.1	*
10	Newborn affected by noxious influences transmitted via placenta or breast milk (P04)	1	1.1	*
10	Hydrops fetalis not due to hemolytic disease (P83.2)	1	1.1	*
10	Septicemia (A40–A41)	1	1.1	*
10	Intrauterine hypoxia and birth asphyxia (P20–P21)	1	1.1	*
...	All other causes (residual)	17	18.9	*

See footnotes at end of table.

Table 2. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rate for the 10 leading causes of infant death, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are infant (younger than 1 year), neonatal (younger than 28 days), and postneonatal (28 days through 11 months) deaths per 100,000 live births in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated separately by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of inconsistencies between reporting Hispanic origin and race on birth and death certificates. Deaths are based on race and Hispanic origin of decedent; live births are based on race and Hispanic origin of mother. National linked files should be used to measure infant mortality for specific subgroups. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Infants, Asian, non-Hispanic, both sexes				
...	All causes	628	100.0	293.7
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	116	18.5	54.3
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	113	18.0	52.8
3	Newborn affected by maternal complications of pregnancy (P01)	60	9.6	28.1
4	Newborn affected by complications of placenta, cord and membranes (P02)	32	5.1	15.0
5	Bacterial sepsis of newborn (P36)	31	4.9	14.5
6	Sudden infant death syndrome (R95)	16	2.5	*
7	Accidents (unintentional injuries) (V01-X59)	15	2.4	*
8	Neonatal hemorrhage (P50-P52,P54)	14	2.2	*
9	Diseases of the circulatory system (I00-I99)	13	2.1	*
10	Respiratory distress of newborn (P22)	12	1.9	*
...	All other causes (residual)	206	32.8	96.3
Infants, Asian, non-Hispanic, male				
...	All causes	352	100.0	319.8
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	69	19.6	62.7
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	57	16.2	51.8
3	Newborn affected by maternal complications of pregnancy (P01)	34	9.7	30.9
4	Bacterial sepsis of newborn (P36)	19	5.4	*
5	Newborn affected by complications of placenta, cord and membranes (P02)	14	4.0	*
6	Necrotizing enterocolitis of newborn (P77)	8	2.3	*
6	Sudden infant death syndrome (R95)	8	2.3	*
6	Accidents (unintentional injuries) (V01-X59)	8	2.3	*
9	Neonatal hemorrhage (P50-P52,P54)	7	2.0	*
9	Slow fetal growth and fetal malnutrition (P05)	7	2.0	*
...	All other causes (residual)	121	34.4	109.9
Infants, Asian, non-Hispanic, female				
...	All causes	276	100.0	266.1
1	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	56	20.3	54.0
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	47	17.0	45.3
3	Newborn affected by maternal complications of pregnancy (P01)	26	9.4	25.1
4	Newborn affected by complications of placenta, cord and membranes (P02)	18	6.5	*
5	Bacterial sepsis of newborn (P36)	12	4.3	*
6	Sudden infant death syndrome (R95)	8	2.9	*
7	Accidents (unintentional injuries) (V01-X59)	7	2.5	*
7	Neonatal hemorrhage (P50-P52,P54)	7	2.5	*
7	Diseases of the circulatory system (I00-I99)	7	2.5	*
10	Respiratory distress of newborn (P22)	6	2.2	*
...	All other causes (residual)	82	29.7	79.1

Table 2. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rate for the 10 leading causes of infant death, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are infant (younger than 1 year), neonatal (younger than 28 days), and postneonatal (28 days through 11 months) deaths per 100,000 live births in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated separately by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of inconsistencies between reporting Hispanic origin and race on birth and death certificates. Deaths are based on race and Hispanic origin of decedent; live births are based on race and Hispanic origin of mother. National linked files should be used to measure infant mortality for specific subgroups. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Infants, Black, non-Hispanic, both sexes				
...	All causes	5,682	100.0	1,097.1
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	1,024	18.0	197.7
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	727	12.8	140.4
3	Sudden infant death syndrome (R95)	520	9.2	100.4
4	Accidents (unintentional injuries). (V01-X59)	447	7.9	86.3
5	Newborn affected by maternal complications of pregnancy. (P01)	355	6.2	68.5
6	Newborn affected by complications of placenta, cord and membranes (P02)	175	3.1	33.8
7	Bacterial sepsis of newborn (P36)	158	2.8	30.5
8	Diseases of the circulatory system. (I00-I99)	120	2.1	23.2
9	Respiratory distress of newborn (P22)	117	2.1	22.6
10	Assault (homicide). (*U01,X85-Y09)	102	1.8	19.7
...	All other causes (residual)	1,937	34.1	374.0
Infants, Black, non-Hispanic, male				
...	All causes	3,153	100.0	1,200.3
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	558	17.7	212.4
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	361	11.4	137.4
3	Sudden infant death syndrome (R95)	271	8.6	103.2
4	Accidents (unintentional injuries). (V01-X59)	256	8.1	97.5
5	Newborn affected by maternal complications of pregnancy. (P01)	208	6.6	79.2
6	Newborn affected by complications of placenta, cord and membranes (P02)	94	3.0	35.8
7	Bacterial sepsis of newborn (P36)	86	2.7	32.7
8	Respiratory distress of newborn (P22)	67	2.1	25.5
9	Necrotizing enterocolitis of newborn (P77)	63	2.0	24.0
10	Assault (homicide). (*U01,X85-Y09)	61	1.9	23.2
10	Diseases of the circulatory system. (I00-I99)	61	1.9	23.2
...	All other causes (residual)	1,067	33.8	406.2
Infants, Black, non-Hispanic, female				
...	All causes	2,529	100.0	990.9
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	466	18.4	182.6
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	366	14.5	143.4
3	Sudden infant death syndrome (R95)	249	9.8	97.6
4	Accidents (unintentional injuries). (V01-X59)	191	7.6	74.8
5	Newborn affected by maternal complications of pregnancy. (P01)	147	5.8	57.6
6	Newborn affected by complications of placenta, cord and membranes (P02)	81	3.2	31.7
7	Bacterial sepsis of newborn (P36)	72	2.8	28.2
8	Diseases of the circulatory system. (I00-I99)	59	2.3	23.1
9	Respiratory distress of newborn (P22)	50	2.0	19.6
9	Intrauterine hypoxia and birth asphyxia (P20-P21)	50	2.0	19.6
...	All other causes (residual)	798	31.6	312.7

See footnotes at end of table.

Table 2. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rate for the 10 leading causes of infant death, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Infants, Native Hawaiian and Other Pacific Islander, non-Hispanic, both sexes				
...	All causes	69	100.0	724.0
1	Sudden infant death syndrome (R95)	9	13.0	*
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	8	11.6	*
3	Accidents (unintentional injuries) (V01-X59)	7	10.1	*
3	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	7	10.1	*
5	Interstitial emphysema and related conditions originating in the perinatal period (P25)	2	2.9	*
5	Diseases of the circulatory system (I00-I99)	2	2.9	*
5	Hematological disorders (P60-P61)	2	2.9	*
5	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	2	2.9	*
5	Influenza and pneumonia (J09-J18)	2	2.9	*
5	Bacterial sepsis of newborn (P36)	2	2.9	*
...	All other causes (residual)	26	37.7	272.8
Infants, Native Hawaiian and Other Pacific Islander, non-Hispanic, male				
...	All causes	46	100.0	944.2
1	Sudden infant death syndrome (R95)	7	15.2	*
2	Accidents (unintentional injuries) (V01-X59)	6	13.0	*
3	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	4	8.7	*
4	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	2	4.3	*
4	Diseases of the circulatory system (I00-I99)	2	4.3	*
4	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	2	4.3	*
7	Newborn affected by other complications of labor and delivery (P03)	1	2.2	*
7	Pulmonary hemorrhage originating in the perinatal period (P26)	1	2.2	*
7	Newborn affected by maternal complications of pregnancy (P01)	1	2.2	*
7	Neonatal hemorrhage (P50-P52,P54)	1	2.2	*
7	Respiratory distress of newborn (P22)	1	2.2	*
7	Hydrops fetalis not due to hemolytic disease (P83.2)	1	2.2	*
7	Influenza and pneumonia (J09-J18)	1	2.2	*
7	Hematological disorders (P60-P61)	1	2.2	*
7	Bacterial sepsis of newborn (P36)	1	2.2	*
7	Hernia of abdominal cavity and intestinal obstruction without hernia (K40-K46,K56)	1	2.2	*
7	Septicemia (A40-A41)	1	2.2	*
7	Newborn affected by maternal hypertensive disorders (P00.0)	1	2.2	*
7	Interstitial emphysema and related conditions originating in the perinatal period (P25)	1	2.2	*
...	All other causes (residual)	10	21.7	*
Infants, Native Hawaiian and Other Pacific Islander, non-Hispanic, female				
...	All causes	23	100.0	493.7
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	5	21.7	*
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	4	17.4	*
3	Sudden infant death syndrome (R95)	2	8.7	*
4	Interstitial emphysema and related conditions originating in the perinatal period (P25)	1	4.3	*
4	Bacterial sepsis of newborn (P36)	1	4.3	*
4	Hematological disorders (P60-P61)	1	4.3	*
4	Diarrhea and gastroenteritis of infectious origin (A09)	1	4.3	*
4	Malignant neoplasms (C00-C97)	1	4.3	*
4	Influenza and pneumonia (J09-J18)	1	4.3	*
4	Accidents (unintentional injuries) (V01-X59)	1	4.3	*
...	All other causes (residual)	5	21.7	*

Table 2. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rate for the 10 leading causes of infant death, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Infants, White, non-Hispanic, both sexes				
...	All causes	7,921	100.0	419.6
1	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	1,884	23.8	99.8
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	954	12.0	50.5
3	Sudden infant death syndrome (R95)	580	7.3	30.7
4	Accidents (unintentional injuries). (V01-X59)	553	7.0	29.3
5	Newborn affected by maternal complications of pregnancy. (P01)	371	4.7	19.7
6	Newborn affected by complications of placenta, cord and membranes (P02)	267	3.4	14.1
7	Bacterial sepsis of newborn (P36)	197	2.5	10.4
8	Diseases of the circulatory system. (I00-I99)	168	2.1	8.9
9	Intrauterine hypoxia and birth asphyxia (P20-P21)	158	2.0	8.4
10	Respiratory distress of newborn (P22)	152	1.9	8.1
...	All other causes (residual)	2,637	33.3	139.7
Infants, White, non-Hispanic, male				
...	All causes	4,317	100.0	445.8
1	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	956	22.1	98.7
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	508	11.8	52.5
3	Sudden infant death syndrome (R95)	335	7.8	34.6
4	Accidents (unintentional injuries). (V01-X59)	312	7.2	32.2
5	Newborn affected by maternal complications of pregnancy. (P01)	189	4.4	19.5
6	Newborn affected by complications of placenta, cord and membranes (P02)	158	3.7	16.3
7	Bacterial sepsis of newborn (P36)	113	2.6	11.7
8	Diseases of the circulatory system. (I00-I99)	97	2.2	10.0
9	Respiratory distress of newborn (P22)	85	2.0	8.8
10	Neonatal hemorrhage. (P50-P52,P54)	82	1.9	8.5
...	All other causes (residual)	1,482	34.3	153.0
Infants, White, non-Hispanic, female				
...	All causes	3,604	100.0	392.0
1	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	928	25.7	100.9
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	446	12.4	48.5
3	Sudden infant death syndrome (R95)	245	6.8	26.7
4	Accidents (unintentional injuries). (V01-X59)	241	6.7	26.2
5	Newborn affected by maternal complications of pregnancy. (P01)	182	5.0	19.8
6	Newborn affected by complications of placenta, cord and membranes (P02)	109	3.0	11.9
7	Bacterial sepsis of newborn (P36)	84	2.3	9.1
8	Intrauterine hypoxia and birth asphyxia (P20-P21)	80	2.2	8.7
9	Diseases of the circulatory system. (I00-I99)	71	2.0	7.7
10	Respiratory distress of newborn (P22)	67	1.9	7.3
...	All other causes (residual)	1,151	31.9	125.2

See footnotes at end of table.

Table 2. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rate for the 10 leading causes of infant death, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are infant (younger than 1 year), neonatal (younger than 28 days), and postneonatal (28 days through 11 months) deaths per 100,000 live births in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated separately by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of inconsistencies between reporting Hispanic origin and race on birth and death certificates. Deaths are based on race and Hispanic origin of decedent; live births are based on race and Hispanic origin of mother. National linked files should be used to measure infant mortality for specific subgroups. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Neonates, all races and origins, both sexes				
...	All causes	12,768	100.0	348.4
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	2,878	22.5	78.5
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	2,822	22.1	77.0
3	Newborn affected by maternal complications of pregnancy (P01)	1,104	8.6	30.1
4	Newborn affected by complications of placenta, cord and membranes (P02)	654	5.1	17.8
5	Bacterial sepsis of newborn (P36)	538	4.2	14.7
6	Respiratory distress of newborn (P22)	401	3.1	10.9
7	Intrauterine hypoxia and birth asphyxia (P20-P21)	347	2.7	9.5
8	Neonatal hemorrhage (P50-P52,P54)	333	2.6	9.1
9	Necrotizing enterocolitis of newborn (P77)	267	2.1	7.3
10	Atelectasis (P28.0-P28.1)	225	1.8	6.1
...	All other causes (residual)	3,199	25.1	87.3
Neonates, all races and origins, male				
...	All causes	6,899	100.0	368.3
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	1,560	22.6	83.3
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	1,459	21.1	77.9
3	Newborn affected by maternal complications of pregnancy (P01)	596	8.6	31.8
4	Newborn affected by complications of placenta, cord and membranes (P02)	362	5.2	19.3
5	Bacterial sepsis of newborn (P36)	302	4.4	16.1
6	Respiratory distress of newborn (P22)	227	3.3	12.1
7	Neonatal hemorrhage (P50-P52,P54)	189	2.7	10.1
8	Intrauterine hypoxia and birth asphyxia (P20-P21)	171	2.5	9.1
9	Necrotizing enterocolitis of newborn (P77)	151	2.2	8.1
10	Atelectasis (P28.0-P28.1)	139	2.0	7.4
...	All other causes (residual)	1,743	25.3	93.0
Neonates, all races and origins, female				
...	All causes	5,869	100.0	327.7
1	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	1,363	23.2	76.1
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	1,318	22.5	73.6
3	Newborn affected by maternal complications of pregnancy (P01)	508	8.7	28.4
4	Newborn affected by complications of placenta, cord and membranes (P02)	292	5.0	16.3
5	Bacterial sepsis of newborn (P36)	236	4.0	13.2
6	Intrauterine hypoxia and birth asphyxia (P20-P21)	176	3.0	9.8
7	Respiratory distress of newborn (P22)	174	3.0	9.7
8	Neonatal hemorrhage (P50-P52,P54)	144	2.5	8.0
9	Necrotizing enterocolitis of newborn (P77)	116	2.0	6.5
10	Atelectasis (P28.0-P28.1)	86	1.5	4.8
...	All other causes (residual)	1,456	24.8	81.3

Table 2. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rate for the 10 leading causes of infant death, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Neonates, all races, Hispanic, both sexes				
...	All causes	3,039	100.0	343.0
1	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	741	24.4	83.6
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	663	21.8	74.8
3	Newborn affected by maternal complications of pregnancy (P01)	268	8.8	30.3
4	Newborn affected by complications of placenta, cord and membranes (P02)	136	4.5	15.4
5	Bacterial sepsis of newborn (P36)	135	4.4	15.2
6	Respiratory distress of newborn (P22)	108	3.6	12.2
7	Intrauterine hypoxia and birth asphyxia (P20-P21)	75	2.5	8.5
7	Neonatal hemorrhage (P50-P52,P54)	75	2.5	8.5
9	Necrotizing enterocolitis of newborn (P77)	73	2.4	8.2
10	Atelectasis (P28.0-P28.1)	58	1.9	6.5
...	All other causes (residual)	707	23.3	79.8
Neonates, all races, Hispanic, male				
...	All causes	1,634	100.0	362.5
1	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	379	23.2	84.1
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	363	22.2	80.5
3	Newborn affected by maternal complications of pregnancy (P01)	139	8.5	30.8
4	Bacterial sepsis of newborn (P36)	77	4.7	17.1
4	Newborn affected by complications of placenta, cord and membranes (P02)	77	4.7	17.1
6	Respiratory distress of newborn (P22)	62	3.8	13.8
7	Necrotizing enterocolitis of newborn (P77)	42	2.6	9.3
7	Intrauterine hypoxia and birth asphyxia (P20-P21)	42	2.6	9.3
9	Neonatal hemorrhage (P50-P52,P54)	41	2.5	9.1
10	Atelectasis (P28.0-P28.1)	29	1.8	6.4
...	All other causes (residual)	383	23.4	85.0
Neonates, all races, Hispanic, female				
...	All causes	1,405	100.0	322.9
1	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	362	25.8	83.2
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	300	21.4	68.9
3	Newborn affected by maternal complications of pregnancy (P01)	129	9.2	29.6
4	Newborn affected by complications of placenta, cord and membranes (P02)	59	4.2	13.6
5	Bacterial sepsis of newborn (P36)	58	4.1	13.3
6	Respiratory distress of newborn (P22)	46	3.3	10.6
7	Neonatal hemorrhage (P50-P52,P54)	34	2.4	7.8
8	Intrauterine hypoxia and birth asphyxia (P20-P21)	33	2.3	7.6
9	Necrotizing enterocolitis of newborn (P77)	31	2.2	7.1
10	Atelectasis (P28.0-P28.1)	29	2.1	6.7
...	All other causes (residual)	324	23.1	74.5

See footnotes at end of table.

Table 2. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rate for the 10 leading causes of infant death, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are infant (younger than 1 year), neonatal (younger than 28 days), and postneonatal (28 days through 11 months) deaths per 100,000 live births in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated separately by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of inconsistencies between reporting Hispanic origin and race on birth and death certificates. Deaths are based on race and Hispanic origin of decedent; live births are based on race and Hispanic origin of mother. National linked files should be used to measure infant mortality for specific subgroups. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Neonates, American Indian and Alaska Native, non-Hispanic, both sexes				
...	All causes	97	100.0	371.3
1	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	27	27.8	103.4
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	12	12.4	*
3	Newborn affected by complications of placenta, cord and membranes (P02)	9	9.3	*
4	Bacterial sepsis of newborn (P36)	6	6.2	*
5	Sudden infant death syndrome (R95)	5	5.2	*
6	Atelectasis (P28.0-P28.1)	4	4.1	*
7	Accidents (unintentional injuries). (V01-X59)	3	3.1	*
7	Necrotizing enterocolitis of newborn (P77)	3	3.1	*
7	Newborn affected by maternal complications of pregnancy. (P01)	3	3.1	*
10	Pulmonary hemorrhage originating in the perinatal period (P26)	2	2.1	*
...	All other causes (residual)	23	23.7	88.0
Neonates, American Indian and Alaska Native, non-Hispanic, male				
...	All causes	49	100.0	367.2
1	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	16	32.7	*
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	6	12.2	*
3	Newborn affected by complications of placenta, cord and membranes (P02)	4	8.2	*
4	Newborn affected by maternal complications of pregnancy. (P01)	3	6.1	*
4	Sudden infant death syndrome (R95)	3	6.1	*
4	Accidents (unintentional injuries). (V01-X59)	3	6.1	*
7	Pulmonary hemorrhage originating in the perinatal period (P26)	2	4.1	*
8	Volume depletion, disorders of fluid, electrolyte and acid-base balance (E86-E87)	1	2.0	*
8	Newborn affected by other complications of labor and delivery. (P03)	1	2.0	*
8	Atelectasis (P28.0-P28.1)	1	2.0	*
8	Bacterial sepsis of newborn (P36)	1	2.0	*
8	Neonatal hemorrhage. (P50-P52,P54)	1	2.0	*
8	Necrotizing enterocolitis of newborn (P77)	1	2.0	*
...	All other causes (residual)	6	12.2	*
Neonates, American Indian and Alaska Native, non-Hispanic, female				
...	All causes	48	100.0	375.6
1	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	11	22.9	*
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	6	12.5	*
3	Newborn affected by complications of placenta, cord and membranes (P02)	5	10.4	*
3	Bacterial sepsis of newborn (P36)	5	10.4	*
5	Atelectasis (P28.0-P28.1)	3	6.3	*
6	Necrotizing enterocolitis of newborn (P77)	2	4.2	*
6	Sudden infant death syndrome (R95)	2	4.2	*
8	Hernia of abdominal cavity and intestinal obstruction without hernia (K40-K46,K56)	1	2.1	*
8	Diarrhea and gastroenteritis of infectious origin (A09)	1	2.1	*
8	Congenital syphilis. (A50)	1	2.1	*
8	Newborn affected by noxious influences transmitted via placenta or breast milk (P04)	1	2.1	*
8	Intrauterine hypoxia and birth asphyxia (P20-P21)	1	2.1	*
8	Congenital pneumonia (P23)	1	2.1	*
8	Hematological disorders (P60-P61)	1	2.1	*
8	Hydrops fetalis not due to hemolytic disease. (P83.2)	1	2.1	*
...	All other causes (residual)	6	12.5	*

Table 2. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rate for the 10 leading causes of infant death, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Neonates, Asian, non-Hispanic, both sexes				
...	All causes	483	100.0	225.9
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	112	23.2	52.4
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	84	17.4	39.3
3	Newborn affected by maternal complications of pregnancy (P01)	60	12.4	28.1
4	Newborn affected by complications of placenta, cord and membranes (P02)	32	6.6	15.0
5	Bacterial sepsis of newborn (P36)	28	5.8	13.1
6	Neonatal hemorrhage (P50-P52,P54)	13	2.7	*
7	Respiratory distress of newborn (P22)	12	2.5	*
8	Intrauterine hypoxia and birth asphyxia (P20-P21)	11	2.3	*
9	Slow fetal growth and fetal malnutrition (P05)	9	1.9	*
10	Necrotizing enterocolitis of newborn (P77)	7	1.4	*
...	All other causes (residual)	115	23.8	53.8
Neonates, Asian, non-Hispanic, male				
...	All causes	260	100.0	236.2
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	65	25.0	59.0
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	37	14.2	33.6
3	Newborn affected by maternal complications of pregnancy (P01)	34	13.1	30.9
4	Bacterial sepsis of newborn (P36)	17	6.5	*
5	Newborn affected by complications of placenta, cord and membranes (P02)	14	5.4	*
6	Slow fetal growth and fetal malnutrition (P05)	7	2.7	*
7	Respiratory distress of newborn (P22)	6	2.3	*
7	Neonatal hemorrhage (P50-P52,P54)	6	2.3	*
7	Necrotizing enterocolitis of newborn (P77)	6	2.3	*
7	Intrauterine hypoxia and birth asphyxia (P20-P21)	6	2.3	*
...	All other causes (residual)	62	23.8	56.3
Neonates, Asian, non-Hispanic, female				
...	All causes	223	100.0	215.0
1	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	47	21.1	45.3
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	47	21.1	45.3
3	Newborn affected by maternal complications of pregnancy (P01)	26	11.7	25.1
4	Newborn affected by complications of placenta, cord and membranes (P02)	18	8.1	*
5	Bacterial sepsis of newborn (P36)	11	4.9	*
6	Neonatal hemorrhage (P50-P52,P54)	7	3.1	*
7	Respiratory distress of newborn (P22)	6	2.7	*
8	Intrauterine hypoxia and birth asphyxia (P20-P21)	5	2.2	*
9	Diseases of the circulatory system (I00-I99)	4	1.8	*
10	Sudden infant death syndrome (R95)	3	1.3	*
...	All other causes (residual)	49	22.0	47.2

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Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Neonates, Black, non-Hispanic, both sexes				
...	All causes	3,330	100.0	643.0
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	998	30.0	192.7
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	471	14.1	90.9
3	Newborn affected by maternal complications of pregnancy (P01)	351	10.5	67.8
4	Newborn affected by complications of placenta, cord and membranes (P02)	168	5.0	32.4
5	Bacterial sepsis of newborn (P36)	153	4.6	29.5
6	Respiratory distress of newborn (P22)	113	3.4	21.8
7	Intrauterine hypoxia and birth asphyxia (P20-P21)	86	2.6	16.6
8	Neonatal hemorrhage (P50-P52,P54)	85	2.6	16.4
9	Necrotizing enterocolitis of newborn (P77)	81	2.4	15.6
10	Atelectasis (P28.0-P28.1)	54	1.6	10.4
...	All other causes (residual)	770	23.1	148.7
Neonates, Black, non-Hispanic, male				
...	All causes	1,814	100.0	690.6
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	544	30.0	207.1
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	238	13.1	90.6
3	Newborn affected by maternal complications of pregnancy (P01)	206	11.4	78.4
4	Newborn affected by complications of placenta, cord and membranes (P02)	90	5.0	34.3
5	Bacterial sepsis of newborn (P36)	81	4.5	30.8
6	Respiratory distress of newborn (P22)	64	3.5	24.4
7	Necrotizing enterocolitis of newborn (P77)	50	2.8	19.0
8	Neonatal hemorrhage (P50-P52,P54)	45	2.5	17.1
9	Atelectasis (P28.0-P28.1)	44	2.4	16.8
10	Intrauterine hypoxia and birth asphyxia (P20-P21)	37	2.0	14.1
...	All other causes (residual)	415	22.9	158.0
Neonates, Black, non-Hispanic, female				
...	All causes	1,516	100.0	594.0
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	454	29.9	177.9
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	233	15.4	91.3
3	Newborn affected by maternal complications of pregnancy (P01)	145	9.6	56.8
4	Newborn affected by complications of placenta, cord and membranes (P02)	78	5.1	30.6
5	Bacterial sepsis of newborn (P36)	72	4.7	28.2
6	Intrauterine hypoxia and birth asphyxia (P20-P21)	49	3.2	19.2
6	Respiratory distress of newborn (P22)	49	3.2	19.2
8	Neonatal hemorrhage (P50-P52,P54)	40	2.6	15.7
9	Necrotizing enterocolitis of newborn (P77)	31	2.0	12.1
10	Sudden infant death syndrome (R95)	22	1.5	8.6
...	All other causes (residual)	343	22.6	134.4

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Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Neonates, Native Hawaiian and Other Pacific Islander, non-Hispanic, both sexes				
...	All causes	36	100.0	377.7
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	7	19.4	*
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	5	13.9	*
3	Diseases of the circulatory system (I00-I99)	2	5.6	*
3	Interstitial emphysema and related conditions originating in the perinatal period (P25)	2	5.6	*
3	Bacterial sepsis of newborn (P36)	2	5.6	*
3	Hematological disorders (P60-P61)	2	5.6	*
7	Newborn affected by other complications of labor and delivery (P03)	1	2.8	*
7	Respiratory distress of newborn (P22)	1	2.8	*
7	Pulmonary hemorrhage originating in the perinatal period (P26)	1	2.8	*
7	Neonatal hemorrhage (P50-P52,P54)	1	2.8	*
7	Hydrops fetalis not due to hemolytic disease (P83.2)	1	2.8	*
7	Newborn affected by maternal complications of pregnancy (P01)	1	2.8	*
7	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	1	2.8	*
7	Newborn affected by maternal hypertensive disorders (P00.0)	1	2.8	*
...	All other causes (residual)	8	22.2	*
Neonates, Native Hawaiian and Other Pacific Islander, non-Hispanic, male				
...	All causes	23	100.0	472.1
1	Diseases of the circulatory system (I00-I99)	2	8.7	*
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	2	8.7	*
1	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	2	8.7	*
4	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	1	4.3	*
4	Newborn affected by maternal hypertensive disorders (P00.0)	1	4.3	*
4	Newborn affected by maternal complications of pregnancy (P01)	1	4.3	*
4	Newborn affected by other complications of labor and delivery (P03)	1	4.3	*
4	Respiratory distress of newborn (P22)	1	4.3	*
4	Interstitial emphysema and related conditions originating in the perinatal period (P25)	1	4.3	*
4	Pulmonary hemorrhage originating in the perinatal period (P26)	1	4.3	*
4	Bacterial sepsis of newborn (P36)	1	4.3	*
4	Neonatal hemorrhage (P50-P52,P54)	1	4.3	*
4	Hematological disorders (P60-P61)	1	4.3	*
4	Hydrops fetalis not due to hemolytic disease (P83.2)	1	4.3	*
...	All other causes (residual)	6	26.1	*
Neonates, Native Hawaiian and Other Pacific Islander, non-Hispanic, female				
...	All causes	13	100.0	*
1	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	5	38.5	*
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	3	23.1	*
3	Interstitial emphysema and related conditions originating in the perinatal period (P25)	1	7.7	*
3	Bacterial sepsis of newborn (P36)	1	7.7	*
3	Hematological disorders (P60-P61)	1	7.7	*
...	All other causes (residual)	2	15.4	*

See footnotes at end of table.

Table 2. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rate for the 10 leading causes of infant death, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are infant (younger than 1 year), neonatal (younger than 28 days), and postneonatal (28 days through 11 months) deaths per 100,000 live births in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated separately by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of inconsistencies between reporting Hispanic origin and race on birth and death certificates. Deaths are based on race and Hispanic origin of decedent; live births are based on race and Hispanic origin of mother. National linked files should be used to measure infant mortality for specific subgroups. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Neonates, White, non-Hispanic, both sexes				
...	All causes	5,153	100.0	273.0
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	1,382	26.8	73.2
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	933	18.1	49.4
3	Newborn affected by maternal complications of pregnancy (P01)	366	7.1	19.4
4	Newborn affected by complications of placenta, cord and membranes (P02)	259	5.0	13.7
5	Bacterial sepsis of newborn (P36)	190	3.7	10.1
6	Intrauterine hypoxia and birth asphyxia (P20–P21)	154	3.0	8.2
7	Respiratory distress of newborn (P22)	148	2.9	7.8
8	Neonatal hemorrhage (P50–P52,P54)	136	2.6	7.2
9	Atelectasis (P28.0–P28.1)	97	1.9	5.1
10	Hydrops fetalis not due to hemolytic disease (P83.2)	92	1.8	4.9
...	All other causes (residual)	1,396	27.1	74.0
Neonates, White, non-Hispanic, male				
...	All causes	2,782	100.0	287.3
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	725	26.1	74.9
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	495	17.8	51.1
3	Newborn affected by maternal complications of pregnancy (P01)	187	6.7	19.3
4	Newborn affected by complications of placenta, cord and membranes (P02)	154	5.5	15.9
5	Bacterial sepsis of newborn (P36)	110	4.0	11.4
6	Neonatal hemorrhage (P50–P52,P54)	82	2.9	8.5
6	Respiratory distress of newborn (P22)	82	2.9	8.5
8	Intrauterine hypoxia and birth asphyxia (P20–P21)	76	2.7	7.8
9	Atelectasis (P28.0–P28.1)	58	2.1	6.0
10	Hydrops fetalis not due to hemolytic disease (P83.2)	52	1.9	5.4
...	All other causes (residual)	761	27.4	78.6
Neonates, White, non-Hispanic, female				
...	All causes	2,371	100.0	257.9
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	657	27.7	71.5
2	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	438	18.5	47.6
3	Newborn affected by maternal complications of pregnancy (P01)	179	7.5	19.5
4	Newborn affected by complications of placenta, cord and membranes (P02)	105	4.4	11.4
5	Bacterial sepsis of newborn (P36)	80	3.4	8.7
6	Intrauterine hypoxia and birth asphyxia (P20–P21)	78	3.3	8.5
7	Respiratory distress of newborn (P22)	66	2.8	7.2
8	Neonatal hemorrhage (P50–P52,P54)	54	2.3	5.9
9	Necrotizing enterocolitis of newborn (P77)	46	1.9	5.0
10	Hydrops fetalis not due to hemolytic disease (P83.2)	40	1.7	4.4
...	All other causes (residual)	628	26.5	68.3

Table 2. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rate for the 10 leading causes of infant death, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Postneonates, all races and origins, both sexes				
...	All causes	7,152	100.0	195.2
1	Sudden infant death syndrome (R95)	1,304	18.2	35.6
2	Accidents (unintentional injuries). (V01-X59)	1,182	16.5	32.3
3	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	1,141	16.0	31.1
4	Diseases of the circulatory system. (I00-I99)	319	4.5	8.7
5	Assault (homicide). (*U01,X85-Y09)	246	3.4	6.7
6	Diarrhea and gastroenteritis of infectious origin (A09)	154	2.2	4.2
7	Influenza and pneumonia. (J09-J18)	125	1.7	3.4
8	Chronic respiratory disease originating in the perinatal period (P27)	122	1.7	3.3
9	Septicemia (A40-A41)	113	1.6	3.1
10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	68	1.0	1.9
...	All other causes (residual)	2,378	33.2	64.9
Postneonates, all races and origins, male				
...	All causes	4,010	100.0	214.0
1	Sudden infant death syndrome (R95)	733	18.3	39.1
2	Accidents (unintentional injuries). (V01-X59)	684	17.1	36.5
3	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	548	13.7	29.3
4	Diseases of the circulatory system. (I00-I99)	175	4.4	9.3
5	Assault (homicide). (*U01,X85-Y09)	146	3.6	7.8
6	Diarrhea and gastroenteritis of infectious origin (A09)	96	2.4	5.1
7	Chronic respiratory disease originating in the perinatal period (P27)	71	1.8	3.8
8	Influenza and pneumonia. (J09-J18)	69	1.7	3.7
9	Septicemia (A40-A41)	64	1.6	3.4
10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	42	1.0	2.2
...	All other causes (residual)	1,382	34.5	73.8
Postneonates, all races and origins, female				
...	All causes	3,142	100.0	175.4
1	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	593	18.9	33.1
2	Sudden infant death syndrome (R95)	571	18.2	31.9
3	Accidents (unintentional injuries). (V01-X59)	498	15.8	27.8
4	Diseases of the circulatory system. (I00-I99)	144	4.6	8.0
5	Assault (homicide). (*U01,X85-Y09)	100	3.2	5.6
6	Diarrhea and gastroenteritis of infectious origin (A09)	58	1.8	3.2
7	Influenza and pneumonia. (J09-J18)	56	1.8	3.1
8	Chronic respiratory disease originating in the perinatal period (P27)	51	1.6	2.8
9	Septicemia (A40-A41)	49	1.6	2.7
10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	26	.8	1.5
...	All other causes (residual)	996	31.7	55.6

See footnotes at end of table.

Table 2. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rate for the 10 leading causes of infant death, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are infant (younger than 1 year), neonatal (younger than 28 days), and postneonatal (28 days through 11 months) deaths per 100,000 live births in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated separately by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of inconsistencies between reporting Hispanic origin and race on birth and death certificates. Deaths are based on race and Hispanic origin of decedent; live births are based on race and Hispanic origin of mother. National linked files should be used to measure infant mortality for specific subgroups. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Postneonates, all races, Hispanic, both sexes				
...	All causes	1,414	100.0	159.6
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	294	20.8	33.2
2	Sudden infant death syndrome (R95)	197	13.9	22.2
3	Accidents (unintentional injuries). (V01–X59)	183	12.9	20.7
4	Diseases of the circulatory system. (I00–I99)	76	5.4	8.6
5	Assault (homicide). (*U01,X85–Y09)	37	2.6	4.2
6	Diarrhea and gastroenteritis of infectious origin (A09)	32	2.3	3.6
7	Septicemia (A40–A41)	29	2.1	3.3
8	Influenza and pneumonia. (J09–J18)	23	1.6	2.6
9	Meningitis (G00,G03)	15	1.1	*
9	Chronic respiratory disease originating in the perinatal period (P27)	15	1.1	*
...	All other causes (residual)	513	36.3	57.9
Postneonates, all races, Hispanic, male				
...	All causes	787	100.0	174.6
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	145	18.4	32.2
2	Accidents (unintentional injuries). (V01–X59)	116	14.7	25.7
3	Sudden infant death syndrome (R95)	110	14.0	24.4
4	Diseases of the circulatory system. (I00–I99)	43	5.5	9.5
5	Diarrhea and gastroenteritis of infectious origin (A09)	26	3.3	5.8
6	Assault (homicide). (*U01,X85–Y09)	21	2.7	4.7
7	Septicemia (A40–A41)	16	2.0	*
8	Chronic respiratory disease originating in the perinatal period (P27)	11	1.4	*
9	Malignant neoplasms. (C00–C97)	10	1.3	*
9	Influenza and pneumonia. (J09–J18)	10	1.3	*
...	All other causes (residual)	279	35.5	61.9
Postneonates, all races, Hispanic, female				
...	All causes	627	100.0	144.1
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	149	23.8	34.2
2	Sudden infant death syndrome (R95)	87	13.9	20.0
3	Accidents (unintentional injuries). (V01–X59)	67	10.7	15.4
4	Diseases of the circulatory system. (I00–I99)	33	5.3	7.6
5	Assault (homicide). (*U01,X85–Y09)	16	2.6	*
6	Septicemia (A40–A41)	13	2.1	*
6	Influenza and pneumonia. (J09–J18)	13	2.1	*
8	Diarrhea and gastroenteritis of infectious origin (A09)	6	1.0	*
8	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50–D89)	6	1.0	*
8	Meningitis (G00,G03)	6	1.0	*
8	Hernia of abdominal cavity and intestinal obstruction without hernia (K40–K46,K56)	6	1.0	*
...	All other causes (residual)	225	35.9	51.7

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Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Postneonates, American Indian and Alaska Native, non-Hispanic, both sexes				
...	All causes	98	100.0	375.1
1	Sudden infant death syndrome (R95)	27	27.6	103.4
2	Accidents (unintentional injuries) (V01–X59)	15	15.3	*
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	11	11.2	*
4	Influenza and pneumonia (J09–J18)	4	4.1	*
5	Diarrhea and gastroenteritis of infectious origin (A09)	3	3.1	*
6	Diseases of the circulatory system (I00–I99)	2	2.0	*
6	Necrotizing enterocolitis of newborn (P77)	2	2.0	*
8	Septicemia (A40–A41)	1	1.0	*
8	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50–D89)	1	1.0	*
8	Anoxic brain damage, not elsewhere classified (G93.1)	1	1.0	*
8	Newborn affected by noxious influences transmitted via placenta or breast milk (P04)	1	1.0	*
8	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	1	1.0	*
8	Respiratory distress of newborn (P22)	1	1.0	*
8	Assault (homicide) (*U01,X85–Y09)	1	1.0	*
...	All other causes (residual)	27	27.6	103.4
Postneonates, American Indian and Alaska Native, non-Hispanic, male				
...	All causes	56	100.0	419.7
1	Sudden infant death syndrome (R95)	14	25.0	*
2	Accidents (unintentional injuries) (V01–X59)	9	16.1	*
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	4	7.1	*
4	Influenza and pneumonia (J09–J18)	3	5.4	*
5	Diseases of the circulatory system (I00–I99)	2	3.6	*
5	Necrotizing enterocolitis of newborn (P77)	2	3.6	*
5	Diarrhea and gastroenteritis of infectious origin (A09)	2	3.6	*
8	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50–D89)	1	1.8	*
8	Anoxic brain damage, not elsewhere classified (G93.1)	1	1.8	*
8	Newborn affected by noxious influences transmitted via placenta or breast milk (P04)	1	1.8	*
8	Assault (homicide) (*U01,X85–Y09)	1	1.8	*
...	All other causes (residual)	16	28.6	*
Postneonates, American Indian and Alaska Native, non-Hispanic, female				
...	All causes	42	100.0	328.6
1	Sudden infant death syndrome (R95)	13	31.0	*
2	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	7	16.7	*
3	Accidents (unintentional injuries) (V01–X59)	6	14.3	*
4	Diarrhea and gastroenteritis of infectious origin (A09)	1	2.4	*
4	Septicemia (A40–A41)	1	2.4	*
4	Influenza and pneumonia (J09–J18)	1	2.4	*
4	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	1	2.4	*
4	Respiratory distress of newborn (P22)	1	2.4	*
...	All other causes (residual)	11	26.2	*

Table 2. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rate for the 10 leading causes of infant death, by race and Hispanic origin and sex: United States, 2021—Con.

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Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Postneonates, Asian, non-Hispanic, both sexes				
...	All causes	145	100.0	67.8
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	29	20.0	13.6
2	Accidents (unintentional injuries) (V01–X59)	13	9.0	*
3	Sudden infant death syndrome (R95)	10	6.9	*
4	Diseases of the circulatory system (I00–I99)	9	6.2	*
5	Diarrhea and gastroenteritis of infectious origin (A09)	5	3.4	*
5	Septicemia (A40–A41)	5	3.4	*
7	Malignant neoplasms (C00–C97)	4	2.8	*
7	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	4	2.8	*
9	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	3	2.1	*
9	Volume depletion, disorders of fluid, electrolyte and acid-base balance (E86–E87)	3	2.1	*
9	Bacterial sepsis of newborn (P36)	3	2.1	*
...	All other causes (residual)	57	39.3	26.7
Postneonates, Asian, non-Hispanic, male				
...	All causes	92	100.0	83.6
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	20	21.7	18.2
2	Accidents (unintentional injuries) (V01–X59)	6	6.5	*
2	Diseases of the circulatory system (I00–I99)	6	6.5	*
4	Sudden infant death syndrome (R95)	5	5.4	*
5	Diarrhea and gastroenteritis of infectious origin (A09)	4	4.3	*
5	Septicemia (A40–A41)	4	4.3	*
5	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	4	4.3	*
8	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	3	3.3	*
9	Volume depletion, disorders of fluid, electrolyte and acid-base balance (E86–E87)	2	2.2	*
9	Influenza and pneumonia (J09–J18)	2	2.2	*
9	Bacterial sepsis of newborn (P36)	2	2.2	*
9	Necrotizing enterocolitis of newborn (P77)	2	2.2	*
...	All other causes (residual)	32	34.8	29.1
Postneonates, Asian, non-Hispanic, female				
...	All causes	53	100.0	51.1
1	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	9	17.0	*
2	Accidents (unintentional injuries) (V01–X59)	7	13.2	*
3	Sudden infant death syndrome (R95)	5	9.4	*
4	Malignant neoplasms (C00–C97)	4	7.5	*
5	Diseases of the circulatory system (I00–I99)	3	5.7	*
6	Newborn affected by maternal hypertensive disorders (P00.0)	2	3.8	*
7	Diarrhea and gastroenteritis of infectious origin (A09)	1	1.9	*
7	Septicemia (A40–A41)	1	1.9	*
7	Volume depletion, disorders of fluid, electrolyte and acid-base balance (E86–E87)	1	1.9	*
7	Meningitis (G00,G03)	1	1.9	*
7	Hernia of abdominal cavity and intestinal obstruction without hernia (K40–K46,K56)	1	1.9	*
7	Chronic respiratory disease originating in the perinatal period (P27)	1	1.9	*
7	Bacterial sepsis of newborn (P36)	1	1.9	*
7	Complications of medical and surgical care (Y40–Y84)	1	1.9	*
...	All other causes (residual)	15	28.3	*

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Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Postneonates, Black, non-Hispanic, both sexes				
...	All causes	2,352	100.0	454.2
1	Sudden infant death syndrome (R95)	478	20.3	92.3
2	Accidents (unintentional injuries). (V01–X59)	416	17.7	80.3
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	256	10.9	49.4
4	Diseases of the circulatory system. (I00–I99)	103	4.4	19.9
5	Assault (homicide). (*U01,X85–Y09)	99	4.2	19.1
6	Diarrhea and gastroenteritis of infectious origin (A09)	57	2.4	11.0
7	Influenza and pneumonia. (J09–J18)	48	2.0	9.3
8	Chronic respiratory disease originating in the perinatal period (P27)	47	2.0	9.1
9	Septicemia (A40–A41)	36	1.5	7.0
10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	26	1.1	5.0
...	All other causes (residual)	786	33.4	151.8
Postneonates, Black, non-Hispanic, male				
...	All causes	1,339	100.0	509.7
1	Sudden infant death syndrome (R95)	251	18.7	95.6
2	Accidents (unintentional injuries). (V01–X59)	243	18.1	92.5
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	123	9.2	46.8
4	Assault (homicide). (*U01,X85–Y09)	59	4.4	22.5
5	Diseases of the circulatory system. (I00–I99)	50	3.7	19.0
6	Diarrhea and gastroenteritis of infectious origin (A09)	39	2.9	14.8
7	Influenza and pneumonia. (J09–J18)	28	2.1	10.7
8	Chronic respiratory disease originating in the perinatal period (P27)	27	2.0	10.3
9	Septicemia (A40–A41)	19	1.4	*
10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	14	1.0	*
...	All other causes (residual)	486	36.3	185.0
Postneonates, Black, non-Hispanic, female				
...	All causes	1,013	100.0	396.9
1	Sudden infant death syndrome (R95)	227	22.4	88.9
2	Accidents (unintentional injuries). (V01–X59)	173	17.1	67.8
3	Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	133	13.1	52.1
4	Diseases of the circulatory system. (I00–I99)	53	5.2	20.8
5	Assault (homicide). (*U01,X85–Y09)	40	3.9	15.7
6	Influenza and pneumonia. (J09–J18)	20	2.0	7.8
6	Chronic respiratory disease originating in the perinatal period (P27)	20	2.0	7.8
8	Diarrhea and gastroenteritis of infectious origin (A09)	18	1.8	*
9	Septicemia (A40–A41)	17	1.7	*
10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	12	1.2	*
...	All other causes (residual)	300	29.6	117.6

See footnotes at end of table.

Table 2. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rate for the 10 leading causes of infant death, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are infant (younger than 1 year), neonatal (younger than 28 days), and postneonatal (28 days through 11 months) deaths per 100,000 live births in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated separately by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of inconsistencies between reporting Hispanic origin and race on birth and death certificates. Deaths are based on race and Hispanic origin of decedent; live births are based on race and Hispanic origin of mother. National linked files should be used to measure infant mortality for specific subgroups. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Postneonates, Native Hawaiian and Other Pacific Islander, non-Hispanic, both sexes				
...	All causes	33	100.0	346.2
1	Sudden infant death syndrome (R95)	9	27.3	*
2	Accidents (unintentional injuries) (V01-X59)	7	21.2	*
3	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	3	9.1	*
4	Influenza and pneumonia (J09-J18)	2	6.1	*
5	Diarrhea and gastroenteritis of infectious origin (A09)	1	3.0	*
5	Septicemia (A40-A41)	1	3.0	*
5	Malignant neoplasms (C00-C97)	1	3.0	*
5	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	1	3.0	*
5	Hernia of abdominal cavity and intestinal obstruction without hernia (K40-K46,K56)	1	3.0	*
...	All other causes (residual)	7	21.2	*
Postneonates, Native Hawaiian and Other Pacific Islander, non-Hispanic, male				
...	All causes	23	100.0	472.1
1	Sudden infant death syndrome (R95)	7	30.4	*
2	Accidents (unintentional injuries) (V01-X59)	6	26.1	*
3	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	2	8.7	*
4	Septicemia (A40-A41)	1	4.3	*
4	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	1	4.3	*
4	Influenza and pneumonia (J09-J18)	1	4.3	*
4	Hernia of abdominal cavity and intestinal obstruction without hernia (K40-K46,K56)	1	4.3	*
...	All other causes (residual)	4	17.4	*
Postneonates, Native Hawaiian and Other Pacific Islander, non-Hispanic, female				
...	All causes	10	100.0	*
1	Sudden infant death syndrome (R95)	2	20.0	*
2	Diarrhea and gastroenteritis of infectious origin (A09)	1	10.0	*
2	Malignant neoplasms (C00-C97)	1	10.0	*
2	Influenza and pneumonia (J09-J18)	1	10.0	*
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	1	10.0	*
2	Accidents (unintentional injuries) (V01-X59)	1	10.0	*
...	All other causes (residual)	3	30.0	*

Table 2. Infant, neonatal, and postneonatal deaths, percentage of total deaths, and mortality rate for the 10 leading causes of infant death, by race and Hispanic origin and sex: United States, 2021—Con.

[Rates are infant (younger than 1 year), neonatal (younger than 28 days), and postneonatal (28 days through 11 months) deaths per 100,000 live births in specified group. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Race and Hispanic origin are reported separately on the death certificate. People of Hispanic origin may be of any race. Data for Hispanic people are not tabulated separately by race; data for non-Hispanic people are tabulated by race. Data for racial and ethnic groups other than Black non-Hispanic and White non-Hispanic should be interpreted with caution because of inconsistencies between reporting Hispanic origin and race on birth and death certificates. Deaths are based on race and Hispanic origin of decedent; live births are based on race and Hispanic origin of mother. National linked files should be used to measure infant mortality for specific subgroups. An asterisk (*) preceding a cause-of-death code indicates that the code is not included in the *International Classification of Diseases, 10th Revision (ICD-10)*]

Rank ¹	Cause of death (based on ICD-10), age, race and Hispanic origin, and sex	Number ²	Percent of total deaths	Mortality rate ²
Postneonates, White, non-Hispanic, both sexes				
...	All causes	2,768	100.0	146.6
1	Sudden infant death syndrome (R95)	513	18.5	27.2
2	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	502	18.1	26.6
3	Accidents (unintentional injuries). (V01-X59)	485	17.5	25.7
4	Diseases of the circulatory system. (I00-I99)	125	4.5	6.6
5	Assault (homicide). (*U01,X85-Y09)	88	3.2	4.7
6	Chronic respiratory disease originating in the perinatal period (P27)	57	2.1	3.0
7	Diarrhea and gastroenteritis of infectious origin (A09)	49	1.8	2.6
8	Influenza and pneumonia. (J09-J18)	38	1.4	2.0
9	Septicemia (A40-A41)	36	1.3	1.9
10	Malignant neoplasms. (C00-C97)	22	0.8	1.2
...	All other causes (residual)	853	30.8	45.2
Postneonates, White, non-Hispanic, male				
...	All causes	1,535	100.0	158.5
1	Sudden infant death syndrome (R95)	301	19.6	31.1
2	Accidents (unintentional injuries). (V01-X59)	275	17.9	28.4
3	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	231	15.0	23.9
4	Diseases of the circulatory system. (I00-I99)	73	4.8	7.5
5	Assault (homicide). (*U01,X85-Y09)	53	3.5	5.5
6	Chronic respiratory disease originating in the perinatal period (P27)	32	2.1	3.3
7	Diarrhea and gastroenteritis of infectious origin (A09)	24	1.6	2.5
8	Influenza and pneumonia. (J09-J18)	22	1.4	2.3
9	Septicemia (A40-A41)	20	1.3	2.1
10	Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	13	0.8	*
...	All other causes (residual)	491	32.0	50.7
Postneonates, White, non-Hispanic, female				
...	All causes	1,233	100.0	134.1
1	Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	271	22.0	29.5
2	Sudden infant death syndrome (R95)	212	17.2	23.1
3	Accidents (unintentional injuries). (V01-X59)	210	17.0	22.8
4	Diseases of the circulatory system. (I00-I99)	52	4.2	5.7
5	Assault (homicide). (*U01,X85-Y09)	35	2.8	3.8
6	Diarrhea and gastroenteritis of infectious origin (A09)	25	2.0	2.7
6	Chronic respiratory disease originating in the perinatal period (P27)	25	2.0	2.7
8	Septicemia (A40-A41)	16	1.3	*
8	Influenza and pneumonia. (J09-J18)	16	1.3	*
10	Malignant neoplasms. (C00-C97)	11	0.9	*

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability.

¹Based on number of deaths.

²Data for two or more races and origin not stated are included in "all races and origins" but are not distributed among race and Hispanic-origin groups. For the race and Hispanic-origin categories shown, only one race was reported on the death certificate.

SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data file.

Technical Notes

Data

Data in this report are based on information from all death certificates that were filed in the 50 states and the District of Columbia in 2021 and processed by the National Center for Health Statistics (NCHS) through the Vital Statistics Cooperative Program. For details about the nature and sources of data, revision of the U.S. Standard Certificate of Death, and terrorism-related deaths, see Technical Notes of the companion report, “Deaths: Final Data for 2021” (5). The mortality statistics in this report include deaths for U.S. residents only.

Cause-of-death classification

The mortality statistics presented in this report were compiled according to World Health Organization regulations, which specify that member nations classify and code causes of death according to the current revision of the *International Statistical Classification of Diseases and Related Health Problems* (ICD). 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 (6).

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* (8,24–28). The manual includes rules for selecting the underlying cause of death for tabulation purposes, definitions, tabulation lists, and regulations on the use of the classification.

Before 1968, mortality medical data were based on manual coding of an underlying cause of death for each certificate according to World Health Organization 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) (28), multiple-cause codes serve as inputs to computer software that use World Health Organization rules to select the underlying cause. All cause-of-death data in this report were coded using ACME.

ACME is used to select the underlying cause of death for all death certificates in the United States. Additionally, NCHS developed two computer systems as inputs to ACME. Beginning with 1990 data, the Mortality Medical Indexing, Classification, and Retrieval (MICAR) system (29,30) 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. An enhancement of the MICAR system, SuperMICAR, was introduced beginning with data year 1993 (31). 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 are manually coded for multiple cause and then further processed through ACME to

determine the underlying cause. In 2021, SuperMICAR was used to process all of the nation’s death records.

In this report, tabulations of cause-of-death statistics are based solely on the underlying cause of death. The underlying cause is defined by the World Health Organization as “the disease or injury which initiated the train of morbid events leading directly to death, or the circumstances of the accident or violence that produced the fatal injury” (6). The underlying cause is selected from the conditions entered by the physician or other medical certifier in the cause-of-death section of the death certificate. When more than one cause or condition is entered by the certifier, the underlying cause is determined by the sequence of conditions on the certificate, provisions of 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 (32–34).

Coding changes in 2021

Effective with data year 2020, ICD–10 code U07.1 COVID-19 was added as a new, valid underlying cause-of-death code. See more information on COVID-19 as a cause of death in the COVID-19 section that follows. In 2021, no codes were added or deleted from the list of valid underlying cause-of-death codes. Information on the addition of U07.1 and codes added or deleted in previous years is available from: <https://www.cdc.gov/nchs/data/dvs/Part9InstructionManual2020-508.pdf> (5,8).

COVID-19

COVID-19 (ICD–10 code U07.1) became an official new cause of death in 2020 after the first death from COVID-19 was reported in the United States (5,8). For people older than 1 year, COVID-19 was added as a rankable cause of death. For infants (younger than 1 year), COVID-19 was added to the cause-of-death category “Other and unspecified viral diseases” but is not considered a separate rankable cause.

Deaths assigned to COVID-19 may not reflect all deaths directly or indirectly due to COVID-19 because some deaths due to COVID-19 may not have been diagnosed, especially early in the pandemic, and some deaths may have been assigned to another coexisting condition. COVID-19 data in this report do not include deaths where COVID-19 may have been reported as a contributing cause but was not considered to be the underlying cause of death. For additional coding detail and guidelines, see: <https://www.cdc.gov/nchs/covid19/coding-and-reporting.htm>.

Age

Decedents for whom age was not stated are included in total categories for “all ages” but are not distributed across age groups. Age was not stated for 93 decedents in 2021, 0.003% of all deaths. Age information was stated for all infants in 2021.

Race and Hispanic origin

Demographic information on decedents, including race and Hispanic origin, is usually collected from informants and reported on death certificates by funeral directors. Race and Hispanic origin are reported separately on the death certificate but are shown combined in this report. Data shown for Hispanic people include all people of Hispanic origin of any race. In 2021, death records with race not stated or not classifiable (0.3% of all records) were imputed to one of the five single-race categories by assigning the record a single-race value based on the last single-race record processed. Records with Hispanic origin not stated or not classifiable were not imputed and accounted for 0.2% of all records.

For more details about race and Hispanic origin, including changes in the standards for classifying race and ethnicity, race bridging of deaths, the full implementation of the revised death certificate consistent with 1997 Office of Management and Budget standards beginning with 2018 mortality data, and the quality of reporting on death certificates and surveys, see Technical Notes of “Deaths: Final Data for 2021” (5). For detailed comparisons between bridged-race and unbridged single-race data, see “Comparability of Race-specific Mortality Data Based on 1977 Versus 1997 Reporting Standards” (4).

Infant deaths were tabulated by race and Hispanic origin of the decedent. Live births, the denominators of infant mortality rates, were tabulated by race and Hispanic origin of the mother. 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 1.1%, and the percentage of live births to mothers of unknown origin was 1.0% for the United States in 2021 (5,35). Infant mortality rates by specified race and Hispanic origin are more accurate when based on the linked file of infant deaths and live births (23). 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 on the birth certificate are considered to be more accurate than on the death certificate. For more details, see “Deaths: Final Data for 2021” (5).

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. Population estimates for 2021 are estimated as of July 1, 2021, based on the Blended Base produced by the U.S. Census Bureau instead of the April 1, 2020, decennial population count. The Blended Base consists of the blend of Vintage 2020 postcensal population estimates, 2020 Demographic Analysis Estimates, and 2020 Census PL 94-171 Redistricting File (see: <https://www2.census.gov/programs-surveys/popest/technical-documentation/methodology/2020-2021/methods-statement-v2021.pdf>). The single-race estimates based on the 1997 Office of Management and Budget standards are available directly from

the U.S. Census Bureau (36). For more details about changes in the standards for classifying race and ethnicity, the related race bridging of population estimates, and the full transition to estimates consistent with 1997 Office of Management and Budget standards as of data year 2018, see “Deaths: Final Data for 2021” (5).

Single-race population estimates used for this report are shown by race and Hispanic origin, sex, and age in the [Table](#). The estimation procedures used to develop these populations are subject to error. Smaller populations (for example, American Indian and Alaska Native) are likely to be affected much more than larger populations (14). Although the nature and magnitude of these errors are unknown, the potential for error should be noted when evaluating trends and differentials.

Infant mortality rates are the most commonly used index for measuring the risk of dying during the first year of life. Infant mortality rates use the number of live births to approximate the population at risk of dying before the first birthday. They are calculated by dividing the number of infant deaths in a calendar year by the number of live births registered for the same period and are presented as rates per 100,000 live births. Neonatal and postneonatal mortality rates are also calculated using live births in the denominator. For final birth figures used in the denominator for infant mortality rates, see “Births: Final Data for 2021” (37).

Random variation

The mortality data presented in this report are not subject to sampling error. However, mortality data, even based on complete counts, may be affected by random variation. When the number of events is small (perhaps fewer than 100 deaths) and the probability of such an event is small, caution must be taken 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. Despite this, when comparing rankings based on small numbers of deaths between demographic groups or over time, be aware that differences in relative rankings may be attributable to random variability (see reference 5 for a more detailed discussion of random variation and formulas for calculating standard errors for death rates and infant mortality rates).

Table. Estimated population, by age group, race and Hispanic origin, and sex: United States, July 1, 2021

Race and Hispanic origin and sex	Age group (years)														
	All ages	Younger than 1 year	1–4	5–9	10–14	15–19	20–24	25–34	35–44	45–54	55–64	65 and older	65–74	75–84	85 and older
All races and origins ¹	331,893,745	3,564,493	15,262,845	20,291,548	21,447,784	21,564,666	21,523,997	45,495,105	43,403,854	40,688,436	42,803,064	55,847,953	33,666,122	16,206,075	5,975,756
Male	164,384,742	1,821,502	7,802,850	10,376,158	10,988,223	11,022,976	10,973,238	23,053,362	21,857,613	20,311,959	20,963,318	25,213,543	15,869,086	7,168,514	2,175,943
Female	167,509,003	1,742,991	7,459,995	9,915,390	10,459,561	10,541,690	10,550,759	22,441,743	21,546,241	20,376,477	21,839,746	30,634,410	17,797,036	9,037,561	3,799,813
Hispanic ²	62,647,044	942,614	3,959,083	5,185,787	5,569,449	5,340,312	4,961,857	9,585,266	8,995,033	7,527,470	5,530,981	5,049,192	3,156,522	1,387,000	505,670
Male	31,716,199	481,447	2,016,260	2,642,433	2,847,476	2,726,879	2,533,492	4,952,134	4,689,526	3,833,355	2,751,277	2,241,920	1,470,905	586,962	184,053
Female	30,930,845	461,167	1,942,823	2,543,354	2,721,973	2,613,433	2,428,365	4,633,132	4,305,507	3,694,115	2,779,704	2,807,272	1,685,617	800,038	321,617
Non-Hispanic, single race ³ :															
American Indian and Alaska Native	2,451,916	26,985	115,714	164,050	179,510	180,438	180,587	376,674	315,125	282,998	301,649	328,186	210,700	89,126	28,360
Male	1,209,987	13,796	58,937	83,759	91,201	91,728	91,378	190,970	157,092	139,365	143,877	147,884	97,371	39,719	10,794
Female	1,241,929	13,189	56,777	80,291	88,309	88,710	89,209	185,704	158,033	143,633	157,772	180,302	113,329	49,407	17,566
Asian	19,685,901	191,399	865,628	1,154,526	1,108,209	1,132,448	1,216,438	3,150,525	3,199,693	2,760,545	2,210,725	2,695,765	1,636,070	761,842	297,853
Male	9,455,217	98,582	446,797	594,225	567,508	568,851	611,024	1,548,689	1,521,444	1,300,731	1,024,080	1,173,286	725,269	334,777	113,240
Female	10,230,684	92,817	418,831	560,301	540,701	563,597	605,414	1,601,836	1,678,249	1,459,814	1,186,645	1,522,479	910,801	427,065	184,613
Black	41,858,536	503,199	2,128,055	2,779,886	2,962,193	2,923,919	3,022,547	6,550,730	5,574,092	5,070,664	5,065,954	5,277,297	3,400,038	1,395,105	482,154
Male	20,121,104	255,978	1,078,365	1,407,555	1,506,253	1,481,523	1,526,119	3,263,627	2,681,516	2,398,275	2,352,575	2,169,318	1,475,363	545,526	148,429
Female	21,737,432	247,221	1,049,690	1,372,331	1,455,940	1,442,396	1,496,428	3,287,103	2,892,576	2,672,389	2,713,379	3,107,979	1,924,675	849,579	333,725
Native Hawaiian and Other Pacific Islander	626,246	8,149	35,302	44,822	43,692	43,233	42,695	101,076	97,162	75,268	67,168	67,679	43,368	18,258	6,053
Male	316,725	4,194	18,215	22,917	22,274	22,039	22,094	51,882	49,897	38,191	33,247	31,775	20,802	8,520	2,453
Female	309,521	3,955	17,087	21,905	21,418	21,194	20,601	49,194	47,265	37,077	33,921	35,904	22,566	9,738	3,600
White	196,833,431	1,702,061	7,371,843	9,965,432	10,625,178	11,123,944	11,389,650	24,615,425	24,479,915	24,433,257	29,172,280	41,954,446	24,918,506	12,425,430	4,610,510
Male	97,704,907	870,576	3,781,503	5,115,657	5,463,483	5,715,753	5,830,218	12,496,640	12,406,275	12,347,408	14,443,130	19,234,264	11,938,818	5,595,623	1,699,823
Female	99,128,524	831,485	3,590,340	4,849,775	5,161,695	5,408,191	5,559,432	12,118,785	12,073,640	12,085,849	14,729,150	22,720,182	12,979,688	6,829,807	2,910,687

¹Includes origin not stated, origin not classifiable, and two or more races reported; see Technical Notes in this report.

²Includes people of Hispanic origin of any race.

³Only one race was reported.

SOURCE: National Center for Health Statistics, estimates of July 1, 2021, U.S. resident population by age, sex, race, and Hispanic origin prepared by U.S. Census Bureau, 2022.

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