

Deaths: Final Data for 2019

Technical Notes Addendum

Technical Notes Addendum for Supplemental Tables of "Deaths: Final Data for 2019"

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Technical Notes Addendum for Supplemental Tables of "Deaths: Final Data for 2019"

This addendum to [Technical Notes](#) for "Deaths: Final Data for 2019" (available from: <https://www.cdc.gov/nchs/data/nvsr/nvsr70/nvsr70-08-508.pdf>) provides additional information specific to supplemental [Tables I–5 through I–9, I–17 through I–19, and I–27](#).

Hispanic subgroup

Mortality data for 2019 by specified Hispanic subgroup for the United States are presented in [Table I–5](#). Hispanic subgroups shown in the table include Mexican, Puerto Rican, Cuban, Central American, South American, Dominican, and Other Hispanic populations. Mortality for Hispanic persons is somewhat understated because of net underreporting of Hispanic origin on the death certificate (by an estimated 3%) (1,2). Underreporting of Hispanic origin on the death certificate is relatively stable across age groups (1).

Data by specified Hispanic populations are affected by whether a state submits literal text to the National Center for Health Statistics (NCHS), making it possible to identify decedents as being Mexican, Puerto Rican, Cuban, Central American, South American, or Dominican.

Marital status

Mortality data for 2019 by marital status for the United States are presented in [Table I–6](#). Mortality data by marital status are generally of high quality. A study of death certificate data using the 1986 National Mortality Followback Survey showed a high level of consistency in reporting marital status (3).

Educational attainment

Mortality data for 2019 by educational attainment for reporting states are presented in [Table I–7](#).

Beginning in 2003, some registration areas adopted the new Standard Certificate of Death, which includes a revised educational attainment item. The revised item is consistent with U.S. Census Bureau efforts to improve the ability to identify specific degrees and persons who had completed 12 years of education but did not hold either a high school diploma or General Educational Development high school equivalency diploma, known as GED. Based on Census Bureau testing, the new item identifies about 2% more persons with less than a high school diploma or equivalent, 13% fewer persons with a high school diploma, and 8% more persons with at least some college (4). In 2019, all 50 states and the District of Columbia used the revised item.

[Table I–7](#) shows mortality data for ages 25–64 by educational attainment in 2019. Data were approximately 80% or more complete on a state-of-occurrence basis. Data are not shown for ages under 25 because persons under age 25 may not have completed their education. Data for those aged 65 and over are not shown because reporting quality is poorer at older

ages (5). Age-adjusted death rates by educational attainment were computed based on the age-specific rates and the standard population for those aged 25–64.

Injury at work

Number of deaths, age-specific death rates, and age-adjusted death rates for injury at work are shown in [Tables I–8, I–9, and I–27](#). Deaths, crude death rates, and age-adjusted death rates for injury at work are shown for those aged 15 and over. Age-adjusted death rates for injury at work were computed using age-specific death rates and the 2000 U.S. standard population for those aged 15 and over; see "Computing rates" in [Technical Notes](#) of "Deaths: Final Data for 2019" (available from: <https://www.cdc.gov/nchs/data/nvsr/nvsr70/nvsr70-08-508.pdf>). Information on deaths attributed to injuries at work is derived from a separate item on the death certificate that asks the medical certifier whether the death resulted from an injury sustained at work. This item is on the death certificate of all states.

Population bases for computing rates

Population estimates and their standard errors in [Table I–17](#) for specified Hispanic populations (Mexican, Puerto Rican, Cuban, Central American, South American, Dominican, and Other Hispanic populations), in [Table I–18](#) by marital status, and in [Table I–19](#) by educational attainment were prepared by the Census Bureau. These estimates are based on the 2019 1-year American Community Survey (ACS) (6) adjusted to resident population control totals and, as such, are subject to sampling variation; see "Random variation" section. The control totals used for population estimates in [Tables I–17 through I–19](#) are 2010-based postcensal estimates for the United States for July 1, 2019.

Previously, population estimates based on Current Population Survey (CPS) were used to compute death rates by Hispanic subgroup, educational attainment, and marital status. Beginning in 2010, population estimates based on ACS were used to compute these rates. ACS estimates are more statistically reliable and represent the entire U.S. population. ACS estimates are based on a 4.5-million-person sample of the U.S. population, including all households (civilian and military) and the institutionalized population (persons living in group quarters). CPS estimates are based on an approximate 200,000 sample of only the civilian noninstitutionalized U.S. population.

Population estimates used for computing age-specific rates in [Tables I–8 and I–9](#) represent the population residing in the United States, enumerated as of April 1 for census years and estimated as of July 1 for all other years. Population estimates used to compute death rates for the United States for 2019 are shown for 5-year age groups by race and Hispanic origin in [Table III](#) of [Technical Notes](#) for "Deaths: Final Data for 2019" (available from: <https://www.cdc.gov/nchs/data/nvsr/nvsr70/nvsr70-08-508.pdf>). These estimates are available by single years of age from <https://www2.census.gov/programs-surveys/popest/tables/2010-2019/state/asrh/sc-est2019-alldata6.csv> and https://www.cdc.gov/nchs/nvss/bridged_race.htm.

Computing rates

Rates are on an annual basis per 100,000 estimated population residing in the specified area. Age-specific rates in [Table I-5](#), [I-6](#), and [I-7](#) were computed using population estimates from the 2019 1-year ACS (6) (for additional detail, see “Population bases for computing rates”). Population estimates used for computing age-specific rates in [Tables I-8](#) and [I-9](#) were computed using U.S. resident population estimates, enumerated as of April 1 for census years and estimated as of July 1 for all other years. Age-adjusted death rates were computed based on age-specific rates and the 2000 U.S. standard population (see [Table V](#) in [Technical Notes](#) for “Deaths: Final Data for 2019,” available from: <https://www.cdc.gov/nchs/data/nvsr/nvsr70/nvsr70-08-508.pdf>).

Age-adjusted rates by marital status were computed by applying the age-specific death rates to the U.S. standard population for those aged 25 and over. Although age-specific death rates by marital status are shown for age group 15–24, they are not included in the calculation of age-adjusted rates because of their high variability, particularly for the widowed population. Age groups 75–84 and 85 and over are combined because of high variability in death rates for the age group 85 and over, particularly for the never-married population.

Prior to data year 2010, death rates by marital status were computed using population estimates from CPS. Rates computed using population estimates from ACS may not be comparable with rates computed using population estimates from CPS. Furthermore, previously published rates by marital status for 2001–2009 were computed using population estimates based on the 2000 census; consequently, rates by marital status for 2010–2019 are not comparable with previously published rates for earlier years.

Age-adjusted rates by educational attainment were computed by applying the age-specific death rates to the U.S. standard population for those aged 25–64. Data for those aged 65 and over are not shown because reporting quality is poorer for older ages (5).

Age-adjusted rates for injury at work were computed by applying the age-specific death rates to the U.S. standard population for those aged 15 and over.

Random variation

Death rates for Mexican, Puerto Rican, Cuban, Central American, South American, Dominican, and Other Hispanic populations in [Table I-5](#), by marital status in [Table I-6](#), and by educational attainment in [Table I-7](#) are based on population estimates derived from ACS (6) for 2019 and adjusted to resident population control totals. As a result, the rates are subject to sampling variability in the denominator as well as random variability in the numerator.

For crude and age-specific death rates (R), the standard error is calculated as

$$\text{SE}(R) = R \cdot \sqrt{\frac{1}{D} + \left(\frac{\text{SE}(P)}{P} \right)^2} \quad [1]$$

For age-adjusted death rates (R')

$$\text{SE}(R') = \sqrt{\sum_i \left\{ \left(\frac{P_{si}}{P_s} \right)^2 \bullet R_i^2 \left[\frac{1}{D_i} + \left(\frac{\text{SE}(P_i)}{P_i} \right)^2 \right] \right\}} \quad [2]$$

where $\text{SE}(P)$ in Formulas 1 and 2 represents the standard errors (SEs) of ACS population estimates. The SEs of ACS population estimates used in this report are presented in [Table I-5](#) by Mexican, Puerto Rican, Cuban, Central American, South American, Dominican, and Other Hispanic populations; in [Table I-6](#) by marital status; and in [Table I-7](#) by educational attainment.

Suppression of unreliable rates—In [Tables I-5](#), [I-6](#), and [I-7](#), sampling variability in the population denominator had a substantial impact on the overall variability in the death rate. Therefore, the number of deaths in the numerator was not used as the sole suppression factor. Relative standard errors (RSEs) for rates shown in [Tables I-5](#), [I-6](#), and [I-7](#) are derived from Formulas 1 and 2 by dividing the result of Formula 1 by the crude and age-specific rate, and the result of Formula 2 by the age-adjusted rate, and then multiplying by 100. Rates are replaced by asterisks if the calculated RSE is 23% or more.

Mortality data presented in [Tables I-8](#) and [I-9](#) are not subject to sampling error but may be affected by random variation (see “Random variation” in [Technical Notes](#) for “Deaths: Final Data for 2019,” available from: <https://www.cdc.gov/nchs/data/nvsr/nvsr70/nvsr70-08-508.pdf>).

References

1. Arias E, Heron M, Hakes JK. The validity of race and Hispanic-origin reporting on death certificates in the United States: An update. National Center for Health Statistics. Vital Health Stat 2(172). 2016. Available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_148.pdf.
2. Arias E, Eschbach K, Schauman WS, Backlund EL, Sorlie PD. The Hispanic mortality advantage and ethnic misclassification on US death certificates. Am J Public Health 100 Suppl 1:S171–7. 2010. Available from: <https://ajph.aphapublications.org/doi/pdf/10.2105/AJPH.2008.135863>.
3. Poe GS, Powell-Griner E, McLaughlin JK, Placek PJ, Thompson GB, Robinson K. Comparability of the death certificate and the 1986 National Mortality Followback Survey. National Center for Health Statistics. Vital Health Stat 2(118). 1993. Available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_118.pdf.
4. Kominski R, Adams A. Educational attainment in the United States, March 1993 and 1992. Current Population Reports, Population characteristics, P20–476. U.S. Bureau of the Census. 1994.
5. Sorlie PD, Johnson NJ. Validity of education information on the death certificate. Epidemiology 7(4):437–9. 1996.
6. U.S. Census Bureau, American Community Survey, 2019 1-year. Population estimates for 2019 based on unpublished tabulations.

Table I–1. Number of deaths, death rates, and age-adjusted death rates for dementia-related causes, by race and Hispanic origin and sex: United States, 2010–2019

[Excludes deaths of nonresidents of the United States]

Year	Number			Crude death rate ¹			Age-adjusted death rate ²		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
All races and origins³									
2019.....	271,872	90,482	181,390	82.8	56.0	108.9	66.6	56.6	72.6
2018.....	266,957	87,759	179,198	81.6	54.5	107.9	66.6	56.4	72.5
2017.....	261,914	85,129	176,785	80.4	53.1	106.9	66.7	56.4	72.7
2016.....	249,605	80,680	168,925	77.2	50.7	103.0	64.9	55.1	70.5
2015.....	245,926	79,113	166,813	76.5	50.0	102.2	65.2	55.4	70.7
2014.....	239,753	76,911	162,842	75.2	49.0	100.6	64.9	55.5	70.2
2013.....	234,242	74,656	159,586	74.1	48.0	99.4	64.8	55.4	69.8
2012.....	223,404	71,158	152,246	71.2	46.1	95.5	63.3	54.7	68.0
2011.....	212,876	67,053	145,823	68.3	43.7	92.1	61.8	53.1	66.3
2010.....	196,371	61,961	134,410	63.6	40.8	85.6	58.8	51.1	62.8
Non-Hispanic, single-race white⁴									
2019.....	226,969	75,549	151,420	115.0	77.6	151.4	71.2	59.9	78.1
2018.....	223,473	73,273	150,200	113.1	75.2	150.0	70.9	59.4	77.8
Non-Hispanic, bridged-race white⁵									
2019.....	227,316	75,662	151,654	113.1	76.4	148.9	70.9	59.6	77.9
2018.....	223,804	73,394	150,410	111.3	74.0	147.6	70.7	59.2	77.6
2017.....	220,841	71,768	149,073	109.7	72.3	146.1	70.8	59.4	77.6
2016.....	211,237	68,115	143,122	104.9	68.6	140.2	68.6	57.7	75.0
2015.....	208,681	67,071	141,610	103.7	67.6	138.8	68.6	58.0	74.8
2014.....	204,418	65,449	138,969	101.7	66.1	136.2	68.1	57.8	74.0
2013.....	200,665	63,715	136,950	99.9	64.4	134.3	67.7	57.5	73.5
2012.....	191,951	60,999	130,952	95.6	61.8	128.5	66.0	56.6	71.2
2011.....	184,605	57,911	126,694	92.1	58.7	124.4	64.5	55.0	69.5
2010.....	171,009	53,634	117,375	85.5	54.5	115.4	61.3	52.8	65.7
Non-Hispanic, single-race black⁴									
2019.....	21,629	7,067	14,562	52.6	35.9	67.8	64.5	59.6	66.3
2018.....	21,037	6,743	14,294	51.4	34.5	67.0	64.8	59.1	67.0
Non-Hispanic, bridged-race black⁵									
2019.....	21,720	7,083	14,637	50.2	34.2	65.0	63.8	58.7	65.7
2018.....	21,130	6,769	14,361	49.2	32.9	64.2	64.1	58.5	66.4
2017.....	20,655	6,514	14,141	48.5	31.9	63.7	65.0	58.8	67.4
2016.....	19,533	6,221	13,312	46.4	30.8	60.6	63.7	58.4	65.6
2015.....	19,106	5,899	13,207	45.7	29.5	60.6	64.1	57.3	66.6
2014.....	18,403	5,733	12,670	44.5	29.0	58.8	64.0	58.3	66.1
2013.....	17,875	5,670	12,205	43.8	29.1	57.3	64.3	59.8	65.6
2012.....	16,914	5,213	11,701	41.9	27.0	55.5	63.1	58.0	64.7
2011.....	15,686	4,808	10,878	39.3	25.2	52.1	61.1	56.2	62.7
2010.....	14,219	4,401	9,818	36.1	23.4	47.6	57.3	53.4	58.4
Non-Hispanic, single-race American Indian or Alaska Native⁴									
2019.....	733	254	479	30.1	21.2	38.7	39.2	32.3	43.3
2018.....	764	270	494	31.6	22.7	40.2	42.7	36.2	46.5
Non-Hispanic, bridged-race American Indian or Alaska Native⁵									
2019.....	812	290	522	29.4	21.4	37.0	39.1	33.5	42.3
2018.....	850	311	539	31.0	23.1	38.5	43.0	38.1	45.6
2017.....	768	287	481	28.1	21.4	34.6	41.6	38.1	43.7
2016.....	756	276	480	27.9	20.7	34.8	43.0	38.5	45.7
2015.....	703	233	470	26.1	17.6	34.3	43.0	34.8	47.7
2014.....	705	223	482	26.4	17.0	35.5	46.0	36.9	51.4
2013.....	663	240	423	25.1	18.5	31.4	45.7	41.1	48.0
2012.....	630	207	423	24.0	16.1	31.7	46.5	38.7	50.6
2011.....	555	189	366	21.4	14.8	27.7	43.6	38.4	46.5
2010.....	532	178	354	20.7	14.1	27.1	44.6	37.5	48.1

Table I–1. Number of deaths, death rates, and age-adjusted death rates for dementia-related causes, by race and Hispanic origin and sex: United States, 2010–2019—Con.

[Excludes deaths of nonresidents of the United States]

Year	Number			Crude death rate ¹			Age-adjusted death rate ²		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic, single-race Asian⁴									
2019.....	5,931	1,932	3,999	31.4	21.4	40.4	32.6	27.0	35.9
2018.....	5,529	1,799	3,730	29.5	20.2	38.0	32.3	26.8	35.6
Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander⁴									
2019.....	147	64	83	24.7	21.3	28.0	38.1	36.9	38.7
2018.....	126	50	76	21.5	16.9	26.1	35.5	31.2	38.3
Non-Hispanic, bridged-race Asian or Pacific Islander⁵									
2019.....	6,252	2,059	4,193	30.1	20.7	38.7	32.7	27.3	36.0
2018.....	5,818	1,923	3,895	28.3	19.6	36.3	32.3	27.1	35.5
2017.....	5,327	1,738	3,589	26.4	18.0	34.1	31.4	26.2	34.4
2016.....	4,898	1,596	3,302	25.1	17.1	32.5	31.1	26.0	34.2
2015.....	4,610	1,519	3,091	24.1	16.6	30.9	31.0	26.2	33.7
2014.....	4,153	1,347	2,806	22.5	15.3	29.1	30.3	25.4	33.3
2013.....	3,915	1,307	2,608	22.1	15.5	28.2	30.8	26.5	33.5
2012.....	3,547	1,186	2,361	20.7	14.5	26.3	30.5	26.5	33.0
2011.....	3,030	1,069	1,961	18.3	13.5	22.6	28.2	25.8	29.8
2010.....	2,655	958	1,697	16.5	12.4	20.1	27.3	25.3	28.6
Hispanic⁶									
2019.....	15,412	5,243	10,169	25.4	17.2	33.9	47.3	41.2	50.9
2018.....	14,937	5,181	9,756	24.9	17.1	32.9	47.4	42.1	50.3
2017.....	13,820	4,634	9,186	23.4	15.6	31.5	46.0	39.7	49.8
2016.....	12,687	4,278	8,409	22.1	14.7	29.6	44.8	38.9	48.3
2015.....	12,104	4,111	7,993	21.4	14.4	28.6	45.2	39.5	48.5
2014.....	11,583	3,987	7,596	20.9	14.2	27.8	46.3	41.2	49.3
2013.....	10,767	3,588	7,179	19.9	13.1	27.0	46.2	39.8	49.7
2012.....	9,943	3,411	6,532	18.8	12.7	25.0	45.7	40.6	48.4
2011.....	8,793	2,995	5,798	16.9	11.3	22.6	43.1	38.2	45.9
2010.....	7,744	2,717	5,027	15.3	10.6	20.2	41.7	38.2	43.5

¹Rates are on an annual basis per 100,000 population in specified group; see Technical Notes in this report.²Age-adjusted rates are per 100,000 U.S. standard population. For method of computation, see Technical Notes.³Includes races and origins not shown separately; see Technical Notes.⁴Only one race was reported on the death certificate. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget (OMB) standards; see Technical Notes.⁵Multiple-race data reported according to 1997 OMB standards were bridged to single-race categories of 1977 OMB standards. Race and Hispanic-origin categories are consistent with 1977 OMB standards. For more information on areas reporting multiple race, see Technical Notes.⁶Includes persons of Hispanic origin of any race. The Hispanic-origin category is consistent with 1997 OMB standards; see Technical Notes.NOTE: Causes of death attributable to dementia-related mortality include *International Classification of Diseases, 10th Revision* codes F01 (Vascular dementia), F03 (Unspecified dementia), G30 (Alzheimer disease), and G31 (Other degenerative diseases of nervous system, not elsewhere classified).

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I–2. Number of deaths, death rates, and age-adjusted death rates for drug-induced causes, by race and Hispanic origin and sex: United States, 2010–2019

[Excludes deaths of nonresidents of the United States]

Year	Number			Crude death rate ¹			Age-adjusted death rate ²		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
All races and origins³									
2019.....	74,511	50,393	24,118	22.7	31.2	14.5	22.8	31.1	14.5
2018.....	71,147	47,338	23,809	21.7	29.4	14.3	21.8	29.3	14.3
2017.....	73,990	48,967	25,023	22.7	30.5	15.1	22.8	30.5	15.2
2016.....	67,265	43,931	23,334	20.8	27.6	14.2	20.8	27.6	14.2
2015.....	55,403	34,815	20,588	17.2	22.0	12.6	17.2	21.9	12.5
2014.....	49,714	30,510	19,204	15.6	19.4	11.9	15.5	19.3	11.7
2013.....	46,471	28,381	18,090	14.7	18.2	11.3	14.6	18.0	11.1
2012.....	43,819	26,594	17,225	14.0	17.2	10.8	13.8	17.0	10.7
2011.....	43,544	26,444	17,100	14.0	17.3	10.8	13.9	17.0	10.7
2010.....	40,393	24,376	16,017	13.1	16.1	10.2	12.9	15.9	10.0
Non-Hispanic, single-race white⁴									
2019.....	52,796	34,490	18,306	26.8	35.4	18.3	27.4	36.1	18.7
2018.....	52,322	33,679	18,643	26.5	34.6	18.6	27.2	35.3	19.0
Non-Hispanic, bridged-race white⁵									
2019.....	53,117	34,672	18,445	26.4	35.0	18.1	27.2	35.8	18.5
2018.....	52,628	33,868	18,760	26.2	34.2	18.4	27.0	35.1	18.8
2017.....	56,232	36,166	20,066	27.9	36.4	19.7	28.8	37.4	20.1
2016.....	52,156	33,288	18,868	25.9	33.5	18.5	26.6	34.3	18.7
2015.....	43,917	26,902	17,015	21.8	27.1	16.7	22.1	27.5	16.7
2014.....	39,820	23,949	15,871	19.8	24.2	15.6	19.8	24.3	15.3
2013.....	37,359	22,332	15,027	18.6	22.6	14.7	18.5	22.5	14.5
2012.....	35,497	21,175	14,322	17.7	21.4	14.1	17.6	21.4	13.8
2011.....	35,510	21,233	14,277	17.7	21.5	14.0	17.6	21.4	13.8
2010.....	33,145	19,689	13,456	16.6	20.0	13.2	16.4	19.8	12.9
Non-Hispanic, single-race black⁴									
2019.....	11,115	7,968	3,147	27.0	40.5	14.7	26.1	39.9	14.2
2018.....	9,632	6,883	2,749	23.5	35.2	12.9	22.7	34.6	12.3
Non-Hispanic, bridged-race black⁵									
2019.....	11,305	8,073	3,232	26.1	39.0	14.4	25.9	39.3	14.1
2018.....	9,796	6,972	2,824	22.8	33.9	12.6	22.5	34.1	12.4
2017.....	9,406	6,602	2,804	22.1	32.3	12.6	21.9	32.7	12.5
2016.....	7,719	5,292	2,427	18.3	26.2	11.1	18.2	26.6	10.9
2015.....	5,505	3,664	1,841	13.2	18.3	8.5	13.2	18.7	8.4
2014.....	4,730	3,019	1,711	11.4	15.3	7.9	11.5	15.6	7.9
2013.....	4,282	2,766	1,516	10.5	14.2	7.1	10.5	14.5	7.1
2012.....	3,842	2,402	1,440	9.5	12.4	6.8	9.6	12.8	6.8
2011.....	3,766	2,355	1,411	9.4	12.3	6.8	9.5	12.7	6.8
2010.....	3,502	2,170	1,332	8.9	11.5	6.5	9.0	11.9	6.5
Non-Hispanic, single-race American Indian or Alaska Native⁴									
2019.....	785	465	320	32.2	38.8	25.9	33.0	40.0	26.2
2018.....	680	407	273	28.1	34.2	22.2	29.2	35.5	23.1
Non-Hispanic, bridged-race American Indian or Alaska Native⁵									
2019.....	869	526	343	31.4	38.8	24.3	32.5	40.3	25.0
2018.....	768	469	299	28.0	34.8	21.4	29.3	36.5	22.4
2017.....	731	444	287	26.8	33.2	20.6	27.9	34.4	21.6
2016.....	693	401	292	25.6	30.1	21.1	26.3	30.6	21.9
2015.....	593	353	240	22.0	26.7	17.5	22.8	27.6	18.1
2014.....	580	343	237	21.7	26.2	17.4	22.5	26.9	18.3
2013.....	509	265	244	19.3	20.4	18.1	20.0	21.1	18.8
2012.....	516	274	242	19.7	21.3	18.1	20.3	21.8	18.7
2011.....	483	267	216	18.6	20.9	16.3	19.3	21.8	16.9
2010.....	439	239	200	17.1	19.0	15.3	17.6	19.7	15.6

Table I–2. Number of deaths, death rates, and age-adjusted death rates for drug-induced causes, by race and Hispanic origin and sex: United States, 2010–2019—Con.

[Excludes deaths of nonresidents of the United States]

Year	Number			Crude death rate ¹			Age-adjusted death rate ²		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic, single-race Asian⁴									
2019.....	713	530	183	3.8	5.9	1.8	3.5	5.5	1.7
2018.....	634	441	193	3.4	4.9	2.0	3.1	4.6	1.8
Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander⁴									
2019.....	66	48	18	11.1	16.0	*	10.8	15.4	*
2018.....	76	56	20	13.0	19.0	6.9	13.1	19.0	7.1
Non-Hispanic, bridged-race Asian or Pacific Islander⁵									
2019.....	921	681	240	4.4	6.9	2.2	4.2	6.4	2.1
2018.....	841	595	246	4.1	6.1	2.3	3.8	5.7	2.1
2017.....	803	583	220	4.0	6.0	2.1	3.7	5.6	2.0
2016.....	686	487	199	3.5	5.2	2.0	3.3	5.0	1.8
2015.....	577	416	161	3.0	4.6	1.6	2.8	4.3	1.6
2014.....	487	313	174	2.6	3.6	1.8	2.5	3.4	1.7
2013.....	456	302	154	2.6	3.6	1.7	2.5	3.5	1.6
2012.....	416	279	137	2.4	3.4	1.5	2.3	3.2	1.4
2011.....	419	266	153	2.5	3.4	1.8	2.4	3.2	1.7
2010.....	334	205	129	2.1	2.7	1.5	2.0	2.6	1.5
Hispanic⁶									
2019.....	7,837	6,106	1,731	12.9	20.0	5.8	13.4	20.5	6.0
2018.....	6,663	5,087	1,576	11.1	16.8	5.3	11.6	17.5	5.6
2017.....	6,322	4,797	1,525	10.7	16.1	5.2	11.2	16.8	5.5
2016.....	5,540	4,130	1,410	9.6	14.2	5.0	10.1	14.8	5.3
2015.....	4,387	3,175	1,212	7.8	11.1	4.3	8.2	11.7	4.7
2014.....	3,790	2,687	1,103	6.8	9.6	4.0	7.3	10.3	4.4
2013.....	3,616	2,546	1,070	6.7	9.3	4.0	7.3	10.0	4.4
2012.....	3,272	2,283	989	6.2	8.5	3.8	6.8	9.3	4.2
2011.....	3,152	2,175	977	6.1	8.2	3.8	6.6	8.9	4.3
2010.....	2,788	1,944	844	5.5	7.6	3.4	6.1	8.4	3.8

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

¹Rates are on an annual basis per 100,000 population in specified group; see Technical Notes in this report.²Age-adjusted rates are per 100,000 U.S. standard population. For method of computation, see Technical Notes.³Includes races and origins not shown separately; see Technical Notes.⁴Only one race was reported on the death certificate. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget (OMB) standards; see Technical Notes.⁵Multiple-race data reported according to 1997 OMB standards were bridged to single-race categories of 1977 OMB standards. Race and Hispanic-origin categories are consistent with 1977 OMB standards. For more information on areas reporting multiple race, see Technical Notes.⁶Includes persons of Hispanic origin of any race. The Hispanic-origin category is consistent with 1997 OMB standards; see Technical Notes.NOTE: Causes of death attributable to drug-induced mortality include *International Classification of Diseases, 10th Revision* codes D52.1, D59.0, D59.2, D61.1, D64.2, E06.4, E16.0, E23.1, E24.2, E27.3, E66.1, F11.1–F11.5, F11.7–F11.9, F12.1–F12.5, F12.7–F12.9, F13.1–F13.5, F13.7–F13.9, F14.1–F14.5, F14.7–F14.9, F15.1–F15.5, F15.7–F15.9, F16.1–F16.5, F16.7–F16.9, F17.3–F17.5, F17.7–F17.9, F18.1–F18.5, F18.7–F18.9, F19.1–F19.5, F19.7–F19.9, G21.1, G24.0, G25.1, G25.4, G25.6, G44.4, G62.0, G72.0, I95.2, J70.2–J70.4, K85.3, L10.5, L27.0–L27.1, M10.2, M32.0, M80.4, M81.4, M83.5, M87.1, R50.2, R78.1–R78.5, X40–X44, X60–X64, X85, and Y10–Y14.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I–3. Number of deaths, death rates, and age-adjusted death rates for alcohol-induced causes, by race and Hispanic origin and sex: United States, 2010–2019

[Excludes deaths of nonresidents of the United States]

Year	Number			Crude death rate ¹			Age-adjusted death rate ²		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
All races and origins³									
2019.....	39,043	27,921	11,122	11.9	17.3	6.7	10.4	15.2	5.9
2018.....	37,329	26,820	10,509	11.4	16.6	6.3	9.9	14.7	5.6
2017.....	35,823	25,911	9,912	11.0	16.2	6.0	9.6	14.3	5.3
2016.....	34,865	25,221	9,644	10.8	15.9	5.9	9.5	14.1	5.2
2015.....	33,171	23,996	9,175	10.3	15.2	5.6	9.1	13.6	5.0
2014.....	30,722	22,389	8,333	9.6	14.3	5.1	8.5	12.9	4.6
2013.....	29,001	21,361	7,640	9.2	13.7	4.8	8.2	12.5	4.3
2012.....	27,762	20,418	7,344	8.8	13.2	4.6	8.0	12.1	4.2
2011.....	26,654	19,492	7,162	8.6	12.7	4.5	7.7	11.7	4.1
2010.....	25,692	19,038	6,654	8.3	12.5	4.2	7.6	11.7	3.9
Non-Hispanic, single-race white⁴									
2019.....	27,951	19,588	8,363	14.2	20.1	8.4	11.2	15.8	6.8
2018.....	26,987	19,001	7,986	13.7	19.5	8.0	10.7	15.3	6.5
Non-Hispanic, bridged-race white⁵									
2019.....	28,061	19,649	8,412	14.0	19.8	8.3	11.1	15.7	6.8
2018.....	27,108	19,072	8,036	13.5	19.2	7.9	10.7	15.2	6.4
2017.....	26,064	18,486	7,578	13.0	18.6	7.4	10.3	14.8	6.1
2016.....	25,323	18,000	7,323	12.6	18.1	7.2	10.1	14.4	6.0
2015.....	24,017	17,096	6,921	11.9	17.2	6.8	9.6	13.8	5.6
2014.....	22,298	15,996	6,302	11.1	16.2	6.2	9.0	13.0	5.1
2013.....	21,260	15,401	5,859	10.6	15.6	5.7	8.6	12.6	4.8
2012.....	20,384	14,754	5,630	10.2	14.9	5.5	8.3	12.2	4.6
2011.....	19,471	14,026	5,445	9.7	14.2	5.3	8.0	11.7	4.5
2010.....	18,806	13,735	5,071	9.4	14.0	5.0	7.8	11.6	4.2
Non-Hispanic, single-race black⁴									
2019.....	3,391	2,409	982	8.2	12.2	4.6	7.6	11.9	4.2
2018.....	3,143	2,234	909	7.7	11.4	4.3	7.1	11.2	3.9
Non-Hispanic, bridged-race black⁵									
2019.....	3,420	2,425	995	7.9	11.7	4.4	7.5	11.8	4.1
2018.....	3,175	2,252	923	7.4	10.9	4.1	7.1	11.1	3.9
2017.....	3,022	2,172	850	7.1	10.6	3.8	6.9	10.9	3.6
2016.....	2,963	2,118	845	7.0	10.5	3.8	6.8	10.9	3.6
2015.....	2,858	1,970	888	6.8	9.9	4.1	6.7	10.3	3.9
2014.....	2,637	1,868	769	6.4	9.5	3.6	6.3	10.0	3.4
2013.....	2,519	1,862	657	6.2	9.5	3.1	6.2	10.2	3.0
2012.....	2,385	1,726	659	5.9	8.9	3.1	6.0	9.7	3.1
2011.....	2,392	1,706	686	6.0	8.9	3.3	6.1	9.7	3.2
2010.....	2,296	1,661	635	5.8	8.8	3.1	6.1	9.8	3.1
Non-Hispanic, single-race American Indian or Alaska Native⁴									
2019.....	1,315	785	530	54.0	65.5	42.9	54.0	65.7	43.3
2018.....	1,312	793	519	54.3	66.7	42.3	54.5	68.2	42.1
Non-Hispanic, bridged-race American Indian or Alaska Native⁵									
2019.....	1,372	828	544	49.6	61.1	38.6	50.5	62.4	39.6
2018.....	1,371	847	524	49.9	62.9	37.4	51.2	65.9	38.0
2017.....	1,206	753	453	44.2	56.2	32.6	45.7	58.9	33.6
2016.....	1,225	781	444	45.2	58.7	32.2	46.4	61.3	32.7
2015.....	1,179	762	417	43.8	57.7	30.5	45.6	60.9	31.5
2014.....	1,078	658	420	40.4	50.3	30.9	42.0	52.8	32.1
2013.....	1,018	661	357	38.5	51.0	26.5	40.2	54.2	27.4
2012.....	996	635	361	38.0	49.4	27.0	40.3	53.7	28.3
2011.....	901	553	348	34.7	43.4	26.3	36.4	47.0	26.9
2010.....	893	581	312	34.8	46.1	23.8	36.9	50.7	24.6

Table I–3. Number of deaths, death rates, and age-adjusted death rates for alcohol-induced causes, by race and Hispanic origin and sex: United States, 2010–2019—Con.

[Excludes deaths of nonresidents of the United States]

Year	Number			Crude death rate ¹			Age-adjusted death rate ²		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic, single-race Asian⁴									
2019.....	467	368	99	2.5	4.1	1.0	2.3	3.9	0.9
2018.....	456	356	100	2.4	4.0	1.0	2.2	3.8	0.9
Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander⁴									
2019.....	26	20	6	4.4	6.7	*	4.3	7.0	*
2018.....	34	23	11	5.8	7.8	*	5.9	8.4	*
Non-Hispanic, bridged-race Asian or Pacific Islander⁵									
2019.....	535	415	120	2.6	4.2	1.1	2.4	4.1	1.0
2018.....	531	407	124	2.6	4.1	1.2	2.4	4.0	1.1
2017.....	498	398	100	2.5	4.1	0.9	2.4	4.1	0.9
2016.....	415	327	88	2.1	3.5	0.9	2.0	3.5	0.8
2015.....	391	313	78	2.0	3.4	0.8	1.9	3.4	0.7
2014.....	382	314	68	2.1	3.6	0.7	2.0	3.6	0.7
2013.....	316	249	67	1.8	2.9	0.7	1.7	3.0	0.7
2012.....	315	266	49	1.8	3.2	0.5	1.8	3.3	0.5
2011.....	320	261	59	1.9	3.3	0.7	1.9	3.4	0.7
2010.....	247	201	46	1.5	2.6	0.5	1.5	2.7	0.5
Hispanic⁶									
2019.....	5,458	4,442	1,016	9.0	14.5	3.4	10.6	17.8	3.8
2018.....	4,969	4,109	860	8.3	13.6	2.9	9.9	17.1	3.3
2017.....	4,817	3,934	883	8.2	13.2	3.0	9.9	16.9	3.5
2016.....	4,711	3,814	897	8.2	13.1	3.2	10.1	17.2	3.7
2015.....	4,474	3,643	831	7.9	12.7	3.0	9.9	16.9	3.5
2014.....	4,127	3,393	734	7.5	12.1	2.7	9.5	16.4	3.3
2013.....	3,698	3,034	664	6.8	11.0	2.5	9.0	15.3	3.1
2012.....	3,513	2,903	610	6.6	10.8	2.3	8.8	15.2	3.0
2011.....	3,445	2,842	603	6.6	10.7	2.4	9.0	15.6	3.0
2010.....	3,326	2,759	567	6.6	10.8	2.3	9.1	16.0	3.0

¹ Rate does not meet National Center for Health Statistics standards of reliability; see Technical Notes in this report.²Rates are on an annual basis per 100,000 population in specified group; see Technical Notes.²Age-adjusted rates are per 100,000 U.S. standard population. For method of computation, see Technical Notes.³Includes races and origins not shown separately; see Technical Notes.⁴Only one race was reported on the death certificate. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget (OMB) standards; see Technical Notes.⁵Multiple-race data reported according to 1997 OMB standards were bridged to single-race categories of 1977 OMB standards. Race and Hispanic-origin categories are consistent with 1977 OMB standards. For more information on areas reporting multiple race, see Technical Notes.⁶Includes persons of Hispanic origin of any race. The Hispanic-origin category is consistent with 1997 OMB standards; see Technical Notes.NOTE: Causes of death attributable to alcohol-induced mortality include *International Classification of Diseases, 10th Revision* codes E24.4, F10, G31.2, G62.1, G72.1, I42.6, K29.2, K70, K85.2, K86.0, R78.0, X45, X65, and Y15.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I–4. Number of deaths, death rates, and age-adjusted death rates for injury by firearms, by race and Hispanic origin and sex: United States, 2010–2019

[Excludes deaths of nonresidents of the United States]

Year	Number			Crude death rate ¹			Age-adjusted death rate ²		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
All races and origins³									
2019.....	39,707	34,041	5,666	12.1	21.1	3.4	11.9	20.7	3.4
2018.....	39,740	33,955	5,785	12.1	21.1	3.5	11.9	20.7	3.4
2017.....	39,773	34,062	5,711	12.2	21.2	3.5	12.0	20.9	3.4
2016.....	38,658	32,994	5,664	12.0	20.7	3.5	11.8	20.5	3.4
2015.....	36,252	31,032	5,220	11.3	19.6	3.2	11.1	19.4	3.2
2014.....	33,594	28,715	4,879	10.5	18.3	3.0	10.3	18.0	3.0
2013.....	33,636	28,794	4,842	10.6	18.5	3.0	10.4	18.3	3.0
2012.....	33,563	28,838	4,725	10.7	18.7	3.0	10.5	18.5	3.0
2011.....	32,351	27,738	4,613	10.4	18.1	2.9	10.2	18.0	2.9
2010.....	31,672	27,356	4,316	10.3	18.0	2.7	10.1	17.9	2.7
Non-Hispanic, single-race white⁴									
2019.....	23,964	20,173	3,791	12.1	20.7	3.8	11.1	19.0	3.6
2018.....	24,643	20,745	3,898	12.5	21.3	3.9	11.4	19.5	3.7
Non-Hispanic, bridged-race white⁵									
2019.....	24,151	20,340	3,811	12.0	20.5	3.7	11.0	18.9	3.6
2018.....	24,789	20,860	3,929	12.3	21.0	3.9	11.3	19.4	3.7
2017.....	24,690	20,686	4,004	12.3	20.8	3.9	11.4	19.3	3.8
2016.....	23,857	19,893	3,964	11.9	20.0	3.9	11.0	18.7	3.8
2015.....	23,026	19,208	3,818	11.4	19.4	3.7	10.6	18.0	3.6
2014.....	22,141	18,515	3,626	11.0	18.7	3.6	10.1	17.3	3.4
2013.....	22,149	18,558	3,591	11.0	18.8	3.5	10.2	17.5	3.3
2012.....	21,716	18,273	3,443	10.8	18.5	3.4	10.0	17.2	3.3
2011.....	21,174	17,785	3,389	10.6	18.0	3.3	9.8	16.9	3.2
2010.....	20,513	17,350	3,163	10.2	17.6	3.1	9.5	16.6	3.0
Non-Hispanic, single-race black⁴									
2019.....	10,288	9,198	1,090	25.0	46.8	5.1	24.5	44.8	5.1
2018.....	9,713	8,567	1,146	23.7	43.8	5.4	23.2	42.0	5.4
Non-Hispanic, bridged-race black⁵									
2019.....	10,395	9,277	1,118	24.0	44.8	5.0	23.6	43.1	5.0
2018.....	9,801	8,640	1,161	22.8	42.0	5.2	22.4	40.5	5.2
2017.....	10,117	9,107	1,010	23.7	44.6	4.5	23.2	42.8	4.5
2016.....	9,973	8,906	1,067	23.7	44.1	4.9	23.0	42.2	4.8
2015.....	8,904	8,068	836	21.3	40.3	3.8	20.7	38.6	3.8
2014.....	7,601	6,873	728	18.4	34.8	3.4	17.8	33.3	3.4
2013.....	7,697	6,934	763	18.9	35.5	3.6	18.2	34.0	3.6
2012.....	7,922	7,107	815	19.6	36.8	3.9	19.0	35.3	3.8
2011.....	7,436	6,696	740	18.6	35.1	3.5	17.9	33.5	3.5
2010.....	7,330	6,607	723	18.6	35.1	3.5	17.8	33.4	3.4
Non-Hispanic, single-race American Indian or Alaska Native⁴									
2019.....	336	272	64	13.8	22.7	5.2	13.8	22.5	5.3
2018.....	361	298	63	14.9	25.0	5.1	15.0	24.8	5.4
Non-Hispanic, bridged-race American Indian or Alaska Native⁵									
2019.....	385	315	70	13.9	23.2	5.0	14.1	23.3	5.1
2018.....	427	356	71	15.6	26.4	5.1	15.6	26.4	5.3
2017.....	394	333	61	14.4	24.9	4.4	14.4	24.9	4.3
2016.....	390	323	67	14.4	24.3	4.9	14.4	24.4	4.9
2015.....	353	301	52	13.1	22.8	3.8	13.3	23.0	4.0
2014.....	311	261	50	11.7	19.9	3.7	12.0	20.6	3.9
2013.....	294	256	38	11.1	19.7	2.8	11.3	20.4	2.7
2012.....	308	270	38	11.8	21.0	2.8	11.7	21.2	2.7
2011.....	273	225	48	10.5	17.6	3.6	10.7	18.1	3.7
2010.....	293	246	47	11.4	19.5	3.6	11.2	18.7	3.9

Table I-4. Number of deaths, death rates, and age-adjusted death rates for injury by firearms, by race and Hispanic origin and sex: United States, 2010–2019—Con.

[Excludes deaths of nonresidents of the United States]

Year	Number			Crude death rate ¹			Age-adjusted death rate ²		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic, single-race Asian⁴									
2019.....	513	424	89	2.7	4.7	0.9	2.5	4.4	0.8
2018.....	492	396	96	2.6	4.4	1.0	2.5	4.2	1.0
Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander⁴									
2019.....	54	45	9	9.1	15.0	*	8.6	14.0	*
2018.....	54	48	6	9.2	16.3	*	8.8	15.6	*
Non-Hispanic, bridged-race Asian or Pacific Islander⁵									
2019.....	640	532	108	3.1	5.4	1.0	2.9	5.1	0.9
2018.....	618	503	115	3.0	5.1	1.1	2.9	4.9	1.0
2017.....	588	479	109	2.9	5.0	1.0	2.8	4.7	1.0
2016.....	584	480	104	3.0	5.2	1.0	2.9	4.9	1.0
2015.....	504	426	78	2.6	4.7	0.8	2.5	4.4	0.8
2014.....	418	340	78	2.3	3.9	0.8	2.2	3.7	0.8
2013.....	455	369	86	2.6	4.4	0.9	2.4	4.1	0.9
2012.....	450	371	79	2.6	4.5	0.9	2.5	4.4	0.8
2011.....	417	336	81	2.5	4.2	0.9	2.4	4.1	0.9
2010.....	383	329	54	2.4	4.3	0.6	2.2	4.1	0.6
Hispanic⁶									
2019.....	4,058	3,503	555	6.7	11.5	1.8	6.6	11.2	1.9
2018.....	4,018	3,521	497	6.7	11.6	1.7	6.6	11.6	1.7
2017.....	3,884	3,369	515	6.6	11.3	1.8	6.5	11.1	1.8
2016.....	3,771	3,316	455	6.6	11.4	1.6	6.4	11.2	1.6
2015.....	3,332	2,912	420	5.9	10.2	1.5	5.8	10.1	1.5
2014.....	3,010	2,630	380	5.4	9.4	1.4	5.4	9.4	1.4
2013.....	2,951	2,595	356	5.5	9.4	1.3	5.4	9.4	1.3
2012.....	3,061	2,724	337	5.8	10.1	1.3	5.7	10.1	1.3
2011.....	2,947	2,608	339	5.7	9.9	1.3	5.6	9.8	1.3
2010.....	3,008	2,694	314	6.0	10.5	1.3	5.9	10.5	1.3

¹ Rate does not meet National Center for Health Statistics standards of reliability; see Technical Notes in this report.²Rates are on an annual basis per 100,000 population in specified group; see Technical Notes.²Age-adjusted rates are per 100,000 U.S. standard population. For method of computation, see Technical Notes.³Includes races and origins not shown separately; see Technical Notes.⁴Only one race was reported on the death certificate. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget (OMB) standards; see Technical Notes.⁵Multiple-race data reported according to 1997 OMB standards were bridged to single-race categories of 1977 OMB standards. Race and Hispanic-origin categories are consistent with 1977 OMB standards. For more information on areas reporting multiple race, see Technical Notes.⁶Includes persons of Hispanic origin of any race. The Hispanic-origin category is consistent with 1997 OMB standards; see Technical Notes.NOTE: Causes of death attributable to injury by firearms include *International Classification of Diseases, 10th Revision* codes *U01.4, W32–W34, X72–X74, X93–X95, Y22–Y24, and Y35.0.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I-5. Number of deaths and death rates by age, and age-adjusted death rates, by specified Hispanic origin and sex: United States, 2019

[Rates are per 100,000 population in specified group; age-adjusted rates are per 100,000 U.S. standard population; see Technical Notes in this report. Populations used for computing death rates for Hispanic total are postcensal estimates based on the 2010 census estimated as of July 1, 2019; populations used for computing death rates for Mexican, Puerto Rican, Cuban, Central American, South American, Dominican, and Other and unknown Hispanic are estimates based on the 2019 1-year American Community Survey adjusted to control totals. The control totals are 2010-based postcensal estimates for the United States for July 1, 2019; see Technical Notes. Hispanic origin is reported separately on the death certificate. Persons of Hispanic origin may be of any race. Data for Hispanic origin should be interpreted with caution because of inconsistencies between reporting Hispanic origin on death certificates and on censuses and surveys; see Technical Notes]

Hispanic origin and sex	All ages	Age group (years)											Age not stated	Age-adjusted rate ²
		Under 1 ¹	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75–84	85 and over		
Number														
Hispanic.....	212,397	4,607	772	1,181	6,054	9,269	11,929	19,062	31,042	37,337	42,375	48,759	10	...
Male	117,683	2,571	429	677	4,571	6,957	8,169	12,572	19,693	21,604	21,286	19,145	9	...
Female	94,714	2,036	343	504	1,483	2,312	3,760	6,490	11,349	15,733	21,089	29,614	1	...
Mexican.....	112,247	2,707	458	706	3,656	5,161	6,730	11,165	17,409	20,446	21,125	22,679	5	...
Male	64,174	1,492	247	417	2,768	3,884	4,631	7,446	11,194	11,911	10,796	9,383	5	...
Female	48,073	1,215	211	289	888	1,277	2,099	3,719	6,215	8,535	10,329	13,296	-	...
Puerto Rican.....	27,131	388	74	94	510	1,070	1,529	2,376	4,043	5,119	5,977	5,950	1	...
Male	14,807	229	46	53	362	819	1,075	1,584	2,535	2,902	2,957	2,244	1	...
Female	12,324	159	28	41	148	251	454	792	1,508	2,217	3,020	3,706	-	...
Cuban.....	17,050	93	10	12	124	221	258	646	1,519	2,454	4,454	7,259	-	...
Male	8,691	52	7	3	94	162	183	434	1,013	1,542	2,319	2,882	-	...
Female	8,359	41	3	9	30	59	75	212	506	912	2,135	4,377	-	...
Central American.....	12,155	394	92	106	590	775	1,080	1,345	1,828	1,892	1,958	2,095	-	...
Male	6,588	225	50	61	467	603	791	912	1,105	1,009	778	587	-	...
Female	5,567	169	42	45	123	172	289	433	723	883	1,180	1,508	-	...
South American.....	9,535	96	18	31	179	308	367	598	1,145	1,619	2,317	2,857	-	...
Male	4,756	51	6	17	130	211	233	363	677	876	1,156	1,036	-	...
Female	4,779	45	12	14	49	97	134	235	468	743	1,161	1,821	-	...
Dominican.....	5,731	109	13	32	121	280	273	421	758	1,031	1,261	1,432	-	...
Male	2,817	61	6	17	78	201	172	242	432	562	586	460	-	...
Female	2,914	48	7	15	43	79	101	179	326	469	675	972	-	...
Other and unknown														
Hispanic.....	28,548	820	107	200	874	1,454	1,692	2,511	4,340	4,776	5,283	6,487	4	...
Male	15,850	461	67	109	672	1,077	1,084	1,591	2,737	2,802	2,694	2,553	3	...
Female	12,698	359	40	91	202	377	608	920	1,603	1,974	2,589	3,934	1	...

Table I-5. Number of deaths and death rates by age, and age-adjusted death rates, by specified Hispanic origin and sex: United States, 2019—Con.

[Rates are per 100,000 population in specified group; age-adjusted rates are per 100,000 U.S. standard population; see Technical Notes in this report. Populations used for computing death rates for Hispanic total are postcensal estimates based on the 2010 census estimated as of July 1, 2019; populations used for computing death rates for Mexican, Puerto Rican, Cuban, Central American, South American, Dominican, and Other and unknown Hispanic are estimates based on the 2019 1-year American Community Survey adjusted to control totals. The control totals are 2010-based postcensal estimates for the United States for July 1, 2019; see Technical Notes. Hispanic origin is reported separately on the death certificate. Persons of Hispanic origin may be of any race. Data for Hispanic origin should be interpreted with caution because of inconsistencies between reporting Hispanic origin on death certificates and on censuses and surveys; see Technical Notes]

Hispanic origin and sex	All ages	Age group (years)										Age not stated	Age-adjusted rate ²	
		Under 1 ¹	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75–84			
Rate ³														
Hispanic.....	350.7	468.4	18.8	11.2	61.2	97.3	137.8	267.4	611.4	1,323.0	3,240.3	9,577.6	...	523.8
Male	384.9	511.7	20.5	12.6	90.4	139.7	183.1	350.1	794.7	1,671.6	3,898.2	10,330.6	...	633.2
Female	315.7	423.2	17.0	9.7	30.7	50.8	89.6	183.5	436.7	1,028.5	2,768.6	9,146.5	...	430.7
Mexican.....	301.8	484.0	17.4	10.1	56.4	88.3	128.9	265.4	618.9	1,348.0	3,230.2	9,681.7	...	523.7
Male	339.0	521.5	18.4	11.7	83.2	127.2	171.2	347.1	798.9	1,654.3	3,850.4	10,681.9	...	630.6
Female	263.3	444.8	16.3	8.4	28.1	45.8	83.4	180.4	440.3	1,071.2	2,764.8	9,081.7	...	430.2
Puerto Rican.....	465.5	405.1	18.5	9.6	57.8	117.6	193.4	357.2	736.7	1,527.6	3,707.1	10,495.7	...	605.7
Male	515.7	454.1	23.1	10.6	80.7	178.5	271.5	491.3	976.5	1,937.9	4,565.0	11,178.1	...	746.1
Female	416.7	350.5	13.9	8.5	34.1	55.6	115.1	231.0	521.5	1,196.1	3,131.0	10,121.5	...	490.8
Cuban.....	715.9	353.9	*	*	44.1	67.5	84.9	185.6	500.3	1,236.7	3,186.0	10,372.2	...	489.1
Male	720.9	413.4	*	*	63.2	95.1	110.8	232.8	646.0	1,665.6	4,288.5	11,242.4	...	610.7
Female	710.8	299.4	*	*	22.7	37.6	54.0	131.2	344.6	861.6	2,490.5	9,869.2	...	391.8
Central American.....	205.1	423.4	21.3	10.6	64.4	76.3	107.2	195.1	415.4	833.5	2,526.6	7,544.1	...	393.2
Male	217.0	482.9	22.6	11.7	96.6	111.9	145.5	256.7	555.2	1,089.5	3,019.0	7,858.1	...	474.1
Female	192.5	363.8	19.9	9.4	28.4	36.1	62.4	129.6	300.0	657.0	2,281.3	7,428.6	...	331.0
South American.....	246.2	222.4	*	6.2	35.3	53.2	58.2	103.0	261.8	676.0	2,034.9	7,536.3	...	315.5
Male	256.2	234.2	*	*	50.9	73.7	76.4	135.4	335.7	879.3	2,522.9	7,917.5	...	375.5
Female	236.9	210.4	*	*	19.4	33.1	41.1	75.2	198.5	531.3	1,706.2	7,335.3	...	271.1
Dominican.....	273.7	309.5	*	9.9	37.9	80.1	90.9	168.2	384.6	912.3	2,515.2	7,746.8	...	386.5
Male	288.8	316.5	*	*	50.1	117.6	127.9	220.5	513.7	1,257.8	3,256.5	8,394.2	...	483.9
Female	260.5	301.0	*	*	26.3	44.2	60.9	127.3	288.5	686.4	2,100.2	7,474.0	...	323.4
Other and unknown														
Hispanic.....	894.9	1,978.0	51.5	41.2	162.6	319.6	414.0	685.9	1,353.5	2,231.4	4,863.5	14,479.9	...	969.9
Male	983.3	2,088.3	60.2	44.7	247.2	432.6	512.5	851.7	1,753.8	2,884.1	5,817.9	16,076.8	...	1,183.5
Female	804.5	1,852.4	41.5	37.7	76.0	183.0	308.4	513.1	974.0	1,688.8	4,154.4	13,603.0	...	781.8

... Category not applicable.

– Quantity zero.

* Rate does not meet National Center for Health Statistics standards of reliability; see Technical Notes.

¹Death rates for “Under 1” (based on population estimates) differ from infant mortality rates (based on live births); see Technical Notes.²For method of computation, see Technical Notes.³Data for age not stated are included in “All ages” but not distributed among age groups.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I–6. Number of deaths, death rates, and age-adjusted death rates for ages 15 and over, by marital status and sex: United States, 2019

[Rates are per 100,000 population in specified group; age-adjusted rates are per 100,000 U.S. standard population; see Technical Notes in this report. Population estimates used for computing death rates are based on the American Community Survey adjusted to postcensal July 1, 2019, resident population control totals for the United States; see Technical Notes]

Marital status and sex	Age group (years)								Age-adjusted rate ²
	15 and over ¹	15–24	25–34	35–44	45–54	55–64	65–74	75 and over	
Number									
Both sexes	2,824,597	29,771	59,178	82,986	160,393	374,937	555,559	1,561,773	...
Never married	371,435	28,483	44,258	39,038	48,063	79,905	61,835	69,853	...
Ever married	2,431,597	1,228	14,560	43,081	110,025	288,959	487,184	1,486,560	...
Married	1,036,128	1,046	10,455	27,019	62,673	154,963	263,714	516,258	...
Widowed	917,547	33	250	1,103	5,117	28,328	87,771	794,945	...
Divorced	477,922	149	3,855	14,959	42,235	105,668	135,699	175,357	...
Not stated	21,565	60	360	867	2,305	6,073	6,540	5,360	...
Male	1,456,819	21,748	41,351	53,436	98,847	227,925	320,247	693,265	...
Never married	236,740	20,962	32,215	27,268	32,725	54,031	38,258	31,281	...
Ever married	1,204,819	741	8,889	25,604	64,495	169,363	277,159	658,568	...
Married	692,932	634	6,467	16,093	36,675	93,760	170,742	368,561	...
Widowed	259,147	14	108	420	2,059	10,442	29,201	216,903	...
Divorced	252,740	93	2,314	9,091	25,761	65,161	77,216	73,104	...
Not stated	15,260	45	247	564	1,627	4,531	4,830	3,416	...
Female	1,367,778	8,023	17,827	29,550	61,546	147,012	235,312	868,508	...
Never married	134,695	7,521	12,043	11,770	15,338	25,874	23,577	38,572	...
Ever married	1,226,778	487	5,671	17,477	45,530	119,596	210,025	827,992	...
Married	343,196	412	3,988	10,926	25,998	61,203	92,972	147,697	...
Widowed	658,400	19	142	683	3,058	17,886	58,570	578,042	...
Divorced	225,182	56	1,541	5,868	16,474	40,507	58,483	102,253	...
Not stated	6,305	15	113	303	678	1,542	1,710	1,944	...
Rate ³									
Both sexes	1,055.1	69.5	129.8	198.0	392.5	882.9	1,759.5	6,941.7	1,105.5
Never married	409.2	70.6	175.1	366.3	763.1	1,628.3	2,728.9	6,824.9	1,423.2
Ever married	1,374.2	49.6	71.7	137.8	318.3	769.3	1,662.2	6,922.3	1,035.6
Married	782.9	45.0	57.2	102.3	231.8	561.7	1,316.3	4,830.2	747.0
Widowed	5,994.3	163.2	265.2	416.1	720.4	1,359.6	2,226.2	9,705.1	1,627.0
Divorced	1,631.7	112.5	200.5	325.6	619.2	1,339.2	2,544.8	6,755.4	1,324.0
Male	1,115.2	99.2	179.0	255.4	490.4	1,112.3	2,175.4	7,435.9	1,270.2
Never married	488.3	100.1	229.8	462.7	944.4	2,032.7	3,479.9	7,765.5	1,715.8
Ever married	1,466.6	76.0	97.9	170.4	386.4	949.7	2,034.7	7,382.7	1,168.9
Married	1,048.0	69.2	78.5	124.7	273.2	678.8	1,618.4	5,875.8	910.0
Widowed	7,463.4	*	338.2	538.5	1,028.6	2,057.5	3,228.0	12,460.0	2,190.9
Divorced	2,013.0	186.4	286.5	445.0	840.0	1,854.3	3,563.2	8,058.6	1,713.2
Female	997.7	38.4	79.3	140.8	297.2	668.9	1,396.1	6,592.0	962.0
Never married	318.5	38.8	107.0	247.1	541.4	1,150.4	2,021.2	6,214.4	1,139.0
Ever married	1,294.1	32.4	50.5	107.7	254.7	606.2	1,338.8	6,595.2	924.8
Married	518.2	29.2	39.7	81.0	191.0	444.3	980.2	3,344.9	540.7
Widowed	5,563.2	*	227.8	365.1	599.5	1,134.8	1,927.9	8,961.6	1,450.9
Divorced	1,345.7	67.9	138.2	230.0	438.8	925.6	1,847.6	6,055.3	1,057.0

... Category not applicable.

* Rate does not meet National Center for Health Statistics standards of reliability; see Technical Notes.

† Excludes data for age not stated.

‡ Calculated based on ages 25 and over. For method of computation, see Technical Notes.

§ Data for marital status not stated are included in totals for "Both sexes," "Male," and "Female" but are not distributed among specified marital status groups.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I-7. Number of deaths, death rates, and age-adjusted death rates for ages 25–64, by educational attainment and sex: United States, 2019

[Rates are per 100,000 population in specified group; age-adjusted rates are per 100,000 U.S. standard population; see Technical Notes in this report. Population estimates used for computing death rates are based on the American Community Survey adjusted to postcensal July 1, 2019, resident population control totals for the United States; see Technical Notes]

Education level and sex	Age group (years)					Age-adjusted rate ²
	25–64 ¹	25–34	35–44	45–54	55–64	
Number						
Both sexes	677,494	59,178	82,986	160,393	374,937	...
Less than high school diploma or GED	119,968	10,428	15,225	28,714	65,601	...
High school diploma or GED	301,738	27,899	35,938	69,852	168,049	...
Some college or collegiate degree	240,466	20,204	30,475	58,318	131,469	...
Not stated ³	15,322	647	1,348	3,509	9,818	...
Male	421,559	41,351	53,436	98,847	227,925	...
Less than high school diploma or GED	79,613	7,552	10,404	19,083	42,574	...
High school diploma or GED	195,657	20,338	24,596	45,044	105,679	...
Some college or collegiate degree	135,339	13,030	17,492	32,274	72,543	...
Not stated ³	10,950	431	944	2,446	7,129	...
Female	255,935	17,827	29,550	61,546	147,012	...
Less than high school diploma or GED	40,355	2,876	4,821	9,631	23,027	...
High school diploma or GED	106,081	7,561	11,342	24,808	62,370	...
Some college or collegiate degree	105,127	7,174	12,983	26,044	58,926	...
Not stated ³	4,372	216	404	1,063	2,689	...
Rate						
Both sexes ³	396.6	129.8	198.0	392.5	882.9	345.5
Less than high school diploma or GED	670.1	275.3	330.7	615.4	1,354.1	561.7
High school diploma or GED	687.3	250.4	369.3	660.9	1,348.6	578.1
Some college or collegiate degree	220.6	65.9	110.5	227.6	522.5	198.3
Male ³	497.9	179.0	255.4	490.4	1,112.3	440.1
Less than high school diploma or GED	811.1	346.0	406.0	751.2	1,682.8	693.9
High school diploma or GED	813.8	314.6	441.3	789.9	1,677.3	705.9
Some college or collegiate degree	266.4	90.2	136.8	270.9	622.1	240.8
Female ³	297.1	79.3	140.8	297.2	668.9	253.9
Less than high school diploma or GED	498.9	179.1	236.1	453.1	994.7	404.7
High school diploma or GED	534.1	161.7	272.8	509.8	1,012.4	429.3
Some college or collegiate degree	180.6	44.3	87.8	189.9	436.5	161.4

... Category not applicable.

¹Excludes data for age not stated.

²Calculated based on ages 25–64. For method of computation, see Technical Notes.

³Includes deaths with education not stated.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I–8. Number of deaths, death rates, and age-adjusted death rates for injury at work for ages 15 and over, by race and Hispanic origin and sex: United States, 2019

[Rates are per 100,000 population in specified group; age-adjusted rates are per 100,000 U.S. standard population; see Technical Notes in this report. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for Hispanic origin should be interpreted with caution because of inconsistencies between reporting Hispanic origin on death certificates and on censuses and surveys, although misclassification is very minor; see Technical Notes. For a discussion of injury at work, see Supplemental Technical Notes]

Race and Hispanic origin and sex	Age group (years)							Age-adjusted rate ²
	15 and over ¹	15–24	25–34	35–44	45–54	55–64	65 and over	
Number								
Total ³ , both sexes.....	4,743	329	763	846	951	1,085	769	...
Male	4,321	299	694	782	872	1,001	673	...
Female	422	30	69	64	79	84	96	...
Rate								
Total ³ , both sexes.....	1.8	0.8	1.7	2.0	2.3	2.6	1.4	1.8
Male	3.3	1.4	3.0	3.8	4.3	4.9	2.8	3.3
Female	0.3	0.1	0.3	0.3	0.4	0.4	0.3	0.3
Non-Hispanic, single race ⁴ :								
White, both sexes.....	2,975	176	433	463	571	728	604	...
Male	2,687	160	384	424	516	677	526	...
Female	288	16	49	39	55	51	78	...
Black, both sexes.....	572	44	106	121	112	125	64	...
Male	513	39	96	107	104	110	57	...
Female	59	5	10	14	8	15	7	...
Hispanic ⁵	959	94	185	221	213	182	64	...
Male	907	87	175	214	202	170	59	...
Female	52	7	10	7	11	12	5	...
Non-Hispanic, single race ⁴ :								
White, both sexes.....	1.8	0.8	1.7	2.0	2.3	2.5	1.5	1.8
Male	3.3	1.4	3.0	3.6	4.1	4.7	2.8	3.2
Female	0.3	*	0.4	0.3	0.4	0.3	0.3	0.3
Black, both sexes.....	1.7	0.7	1.6	2.3	2.2	2.5	1.3	1.7
Male	3.3	1.3	3.0	4.2	4.4	4.8	2.8	3.4
Female	0.3	*	*	*	*	*	*	0.3
Hispanic ⁵	2.1	1.0	1.9	2.6	3.0	3.6	1.4	2.2
Male	4.0	1.7	3.5	4.8	5.6	6.9	2.9	4.1
Female	0.2	*	*	*	*	*	*	0.2

... Category not applicable.

* Rate does not meet National Center for Health Statistics standards of reliability; see Technical Notes.

¹Excludes data for age not stated.

²Calculated based on ages 15 and over. For method of computation, see Technical Notes.

³Includes race and origin groups not shown separately; see Technical Notes.

⁴Only one race was reported on the death certificate.

⁵Includes persons of Hispanic origin of any race; see Technical Notes.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I–9. Number of deaths, death rates, and age-adjusted death rates for injury at work, by race and Hispanic origin and sex: United States, 2010–2019

[Includes ages 15 years and over; excludes data for age not stated. Data for Hispanic origin should be interpreted with caution because of inconsistencies between reporting Hispanic origin on death certificates and on censuses and surveys, although misclassification is very minor; see Technical Notes in the report. For a discussion of injury at work, see Supplemental Technical Notes in this report]

Race and Hispanic origin and year	Number			Crude death rate ¹			Age-adjusted death rate ²		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
All races and origins ³									
2019.....	4,743	4,321	422	1.8	3.3	0.3	1.8	3.3	0.3
2018.....	4,560	4,179	381	1.7	3.2	0.3	1.7	3.2	0.3
2017.....	4,573	4,143	430	1.7	3.2	0.3	1.7	3.1	0.3
2016.....	4,621	4,169	452	1.8	3.3	0.3	1.7	3.2	0.3
2015 ⁴	4,185	3,816	369	1.6	3.0	0.3	1.6	3.0	0.3
2014.....	4,348	3,916	432	1.7	3.1	0.3	1.7	3.1	0.3
2013.....	4,268	3,882	386	1.7	3.1	0.3	1.7	3.1	0.3
2012.....	4,106	3,743	363	1.6	3.0	0.3	1.6	3.0	0.3
2011.....	4,097	3,736	361	1.6	3.1	0.3	1.6	3.0	0.3
2010.....	4,157	3,829	328	1.7	3.2	0.3	1.7	3.1	0.3
Non-Hispanic, single-race white ⁵									
2019.....	2,975	2,687	288	1.8	3.3	0.3	1.8	3.2	0.3
2018.....	3,006	2,728	278	1.8	3.3	0.3	1.8	3.3	0.3
Non-Hispanic, bridged-race white ⁶									
2019.....	2,982	2,693	289	1.8	3.2	0.3	1.7	3.1	0.3
2018.....	3,024	2,745	279	1.8	3.3	0.3	1.8	3.3	0.3
2017.....	3,133	2,823	310	1.9	3.4	0.4	1.8	3.3	0.3
2016.....	3,116	2,791	325	1.8	3.4	0.4	1.8	3.3	0.3
2015 ⁴	2,855	2,574	281	1.7	3.1	0.3	1.6	3.0	0.3
2014.....	3,065	2,738	327	1.8	3.3	0.4	1.8	3.2	0.4
2013.....	2,956	2,660	296	1.8	3.2	0.3	1.7	3.2	0.3
2012.....	2,806	2,548	258	1.7	3.1	0.3	1.6	3.0	0.3
2011.....	2,903	2,635	268	1.7	3.2	0.3	1.7	3.1	0.3
2010.....	2,999	2,766	233	1.8	3.4	0.3	1.8	3.3	0.3
Non-Hispanic, single-race black ⁵									
2019.....	572	513	59	1.7	3.3	0.3	1.7	3.4	0.3
2018.....	520	475	45	1.6	3.1	0.3	1.6	3.1	0.3
Non-Hispanic, bridged-race black ⁶									
2019.....	577	518	59	1.7	3.2	0.3	1.7	3.3	0.3
2018.....	524	479	45	1.6	3.0	0.3	1.6	3.1	0.3
2017.....	466	409	57	1.4	2.6	0.3	1.4	2.7	0.3
2016.....	521	457	64	1.6	2.9	0.4	1.6	3.1	0.4
2015 ⁴	409	368	41	1.3	2.4	0.2	1.3	2.5	0.2
2014.....	397	352	45	1.2	2.3	0.3	1.3	2.4	0.3
2013.....	433	395	38	1.4	2.7	0.2	1.4	2.8	0.2
2012.....	446	397	49	1.4	2.7	0.3	1.5	2.8	0.3
2011.....	401	365	36	1.3	2.5	0.2	1.3	2.6	0.2
2010.....	396	350	46	1.3	2.5	0.3	1.3	2.6	0.3
Hispanic ⁷									
2019.....	959	907	52	2.1	4.0	0.2	2.2	4.1	0.2
2018.....	827	786	41	1.9	3.5	0.2	1.9	3.6	0.2
2017.....	796	755	41	1.8	3.5	0.2	1.9	3.6	0.2
2016.....	795	753	42	1.9	3.6	0.2	1.9	3.7	0.2
2015 ⁴	771	738	33	1.9	3.5	0.2	1.9	3.7	0.2
2014.....	718	681	37	1.8	3.4	0.2	1.9	3.6	0.2
2013.....	735	698	37	1.9	3.5	0.2	1.9	3.7	0.2
2012.....	682	649	33	1.8	3.4	0.2	1.8	3.5	0.2
2011.....	630	590	40	1.7	3.1	0.2	1.7	3.2	0.2
2010.....	604	572	32	1.7	3.1	0.2	1.7	3.3	0.2

**Table I-9. Number of deaths, death rates, and age-adjusted death rates for injury at work, by race and Hispanic origin and sex:
United States, 2010–2019—Con.**

[Includes ages 15 years and over; excludes data for age not stated. Data for Hispanic origin should be interpreted with caution because of inconsistencies between reporting Hispanic origin on death certificates and on censuses and surveys, although misclassification is very minor; see Technical Notes in the report. For a discussion of injury at work, see Supplemental Technical Notes in this report]

¹Rates are on an annual basis per 100,000 population in specified group; see Technical Notes.

²Age-adjusted rates are per 100,000 U.S. standard population. For method of computation, see Technical Notes.

³Includes races and origins not shown separately; see Technical Notes.

⁴Excludes data for Tennessee; see Supplemental Technical Notes from "Deaths: Final Data for 2015," *National Vital Statistics Reports*, vol 66, no 6.

⁵Only one race was reported on the death certificate. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget (OMB) standards; see Technical Notes.

⁶Multiple-race data reported according to 1997 OMB standards were bridged to single-race categories of 1977 OMB standards. Race and Hispanic-origin categories are consistent with 1977 OMB standards. For more information on areas reporting multiple race, see Technical Notes.

⁷Includes persons of Hispanic origin of any race. The Hispanic-origin category is consistent with 1997 OMB standards; see Technical Notes.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I-10. Number of deaths and death rates, by age, race and Hispanic origin, and sex: United States, 2019

[Rates are per 100,000 population in specified group. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes in this report. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget (OMB) standards. Data for specified categories other than non-Hispanic, single-race white and non-Hispanic, single-race black should be interpreted with caution because of inconsistencies between reporting these items on death certificates and on censuses and surveys; see Technical Notes.]

Age group (years)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Number																					
All ages	2,854,838	1,473,823	1,381,015	2,183,844	1,115,767	1,068,077	346,677	181,363	165,314	18,057	9,732	8,325	70,532	35,914	34,618	3,491	1,938	1,553	212,397	117,683	94,714
Under 1	20,921	11,674	9,247	8,366	4,719	3,647	6,092	3,342	2,750	229	124	105	628	358	270	71	43	28	4,607	2,571	2,036
1-4	3,676	2,041	1,635	1,637	937	700	901	485	416	75	36	39	123	62	61	11	6	5	772	429	343
5-9	2,333	1,290	1,043	1,023	580	443	603	338	265	35	17	18	83	48	35	8	6	2	510	273	237
10-14	3,164	1,896	1,268	1,602	943	659	653	402	251	52	38	14	96	52	44	10	6	4	671	404	267
15-19	10,258	7,361	2,897	4,804	3,263	1,541	2,521	1,978	543	193	123	70	266	191	75	37	23	14	2,188	1,614	574
20-24	19,513	14,387	5,126	9,831	7,086	2,745	4,617	3,503	1,114	309	206	103	452	330	122	55	39	16	3,866	2,957	909
25-29	26,969	19,442	7,527	14,891	10,474	4,417	6,003	4,439	1,564	483	321	162	593	410	183	71	55	16	4,486	3,448	1,038
30-34	32,209	21,909	10,300	18,954	12,691	6,263	6,532	4,449	2,083	643	398	245	730	487	243	106	75	31	4,783	3,509	1,274
35-39	38,638	25,241	13,397	23,262	15,120	8,142	7,687	4,915	2,772	684	413	271	869	562	307	131	84	47	5,528	3,866	1,662
40-44	44,348	28,195	16,153	26,437	16,837	9,600	9,029	5,540	3,489	728	430	298	1,074	658	416	129	80	49	6,401	4,303	2,098
45-49	63,739	39,358	24,381	39,550	24,437	15,113	12,373	7,346	5,027	873	518	355	1,698	1,021	677	185	112	73	8,330	5,461	2,869
50-54	96,654	59,489	37,165	63,202	38,931	24,271	17,998	10,562	7,436	1,205	719	486	2,319	1,412	907	229	139	90	10,732	7,111	3,621
55-59	158,453	97,055	61,398	109,203	66,923	42,280	28,170	16,648	11,522	1,545	910	635	3,285	2,042	1,243	277	160	117	14,362	9,308	5,054
60-64	216,484	130,870	85,614	153,957	93,591	60,366	37,178	21,686	15,492	1,777	1,004	773	4,551	2,731	1,820	376	214	162	16,680	10,385	6,295
65-69	254,412	150,938	103,474	186,949	111,733	75,216	39,543	22,643	16,900	1,878	1,049	829	5,659	3,250	2,409	424	236	188	17,925	10,712	7,213
70-74	301,147	169,309	131,838	233,429	132,079	101,350	37,261	20,200	17,061	1,815	974	841	6,750	3,743	3,007	418	235	183	19,412	10,892	8,520
75-79	329,493	176,496	152,997	262,995	142,280	120,715	34,547	17,237	17,310	1,675	842	833	7,986	4,341	3,645	297	151	146	20,145	10,601	9,544
80-84	358,534	178,604	179,930	289,722	146,051	143,671	33,555	15,225	18,330	1,595	781	814	9,439	4,833	4,606	282	136	146	22,230	10,685	11,545
85 and over	873,746	338,165	535,581	733,978	287,052	446,926	61,395	20,414	40,981	2,263	829	1,434	23,929	9,383	14,546	374	138	236	48,759	19,145	29,614
Not stated	147	103	44	52	40	12	19	11	8	-	-	-	2	-	2	-	-	-	10	9	1

Table I-10. Number of deaths and death rates, by age, race and Hispanic origin, and sex: United States, 2019—Con.

[Rates are per 100,000 population in specified group. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes in this report. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget (OMB) standards. Data for specified categories other than non-Hispanic, single-race white and non-Hispanic, single-race black should be interpreted with caution because of inconsistencies between reporting these items on death certificates and on censuses and surveys; see Technical Notes.]

Age group (years)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
	Rate																				
All ages ⁴	869.7	911.7	829.0	1,106.8	1,146.6	1,068.1	842.5	921.8	769.9	741.6	812.1	673.3	373.1	398.7	349.8	585.8	646.5	524.4	350.7	384.9	315.7
Under 1 ⁵	553.0	603.3	500.4	444.6	489.3	397.5	1,174.7	1,266.1	1,080.0	727.1	769.2	682.8	358.4	397.8	316.8	931.6	1,102.0	752.9	468.4	511.7	423.2
1–4.....	23.3	25.3	21.2	20.9	23.4	18.4	41.6	44.2	38.9	57.5	54.0	61.2	15.7	15.4	16.0	*	*	*	18.8	20.5	17.0
5–9.....	11.6	12.5	10.6	10.2	11.3	9.1	21.7	24.0	19.4	20.3	*	*	8.1	9.2	7.0	*	*	*	9.7	10.2	9.2
10–14.....	15.2	17.9	12.5	15.3	17.6	12.9	22.9	27.8	17.8	29.4	42.5	*	9.1	9.7	8.5	*	*	*	12.6	14.9	10.2
15–19.....	48.7	68.5	28.1	43.5	57.6	28.7	87.1	134.9	38.0	108.8	136.3	80.4	24.0	34.5	13.6	89.2	108.4	*	43.4	62.8	23.2
20–24.....	90.2	130.0	48.5	84.9	119.3	48.7	150.9	226.1	73.7	170.1	223.6	115.0	36.0	52.1	19.6	127.8	176.4	*	79.8	119.0	38.5
25–29.....	114.7	162.0	65.4	117.6	161.7	71.4	171.9	252.0	90.3	240.6	313.2	164.8	37.6	52.4	23.1	139.7	210.8	*	90.8	134.4	43.7
30–34.....	143.6	193.0	93.0	151.8	200.6	101.6	215.8	299.7	135.1	367.3	450.3	282.7	43.9	60.6	28.3	203.7	279.9	122.7	104.3	145.4	58.6
35–39.....	177.7	231.9	123.4	189.8	245.0	133.8	276.1	369.1	190.9	429.8	523.3	337.8	54.3	74.3	36.4	265.7	332.7	195.4	122.6	165.1	76.7
40–44.....	222.6	284.6	161.3	233.9	296.2	170.8	356.3	463.7	260.5	511.6	610.7	414.6	74.3	97.9	53.8	316.3	385.5	244.6	154.4	203.1	103.5
45–49.....	312.5	390.2	236.4	325.5	401.5	249.2	482.2	611.3	368.4	612.3	743.6	486.9	120.3	155.0	89.9	496.0	594.0	395.7	218.3	284.2	151.4
50–54.....	472.0	589.8	357.7	485.9	601.6	371.3	709.2	889.7	550.6	830.3	1,024.1	648.7	193.1	252.7	141.2	653.1	800.9	508.3	324.0	425.9	220.4
55–59.....	724.3	912.0	546.5	734.3	915.4	559.1	1,078.2	1,377.4	820.7	983.6	1,216.5	771.8	294.0	398.1	205.7	806.7	955.6	665.0	504.2	661.4	350.7
60–64.....	1,052.4	1,327.7	799.1	1,052.7	1,318.3	802.2	1,588.2	2,045.8	1,209.5	1,259.3	1,530.2	1,023.9	453.7	606.5	329.3	1,298.3	1,523.5	1,086.2	748.5	970.0	543.7
65–69.....	1,457.5	1,840.8	1,118.0	1,453.4	1,818.6	1,119.4	2,178.8	2,873.1	1,645.9	1,697.8	2,055.2	1,391.6	666.9	872.8	505.9	1,895.5	2,206.8	1,610.3	1,092.8	1,407.3	820.4
70–74.....	2,146.7	2,604.8	1,751.2	2,180.3	2,617.1	1,790.8	2,897.9	3,731.0	2,292.0	2,234.1	2,588.3	1,928.5	1,048.6	1,324.6	832.7	2,532.1	2,963.4	2,133.4	1,642.6	2,050.2	1,309.7
75–79.....	3,413.5	4,087.0	2,868.2	3,515.9	4,175.4	2,964.0	4,153.4	5,206.2	3,457.2	3,259.3	3,616.5	2,963.4	1,872.5	2,308.8	1,528.5	3,008.2	3,210.7	2,824.0	2,581.7	3,197.7	2,126.6
80–84.....	5,675.5	6,665.0	4,946.6	5,925.5	6,922.8	5,168.6	6,270.2	7,686.6	5,437.9	5,102.9	5,865.1	4,537.1	3,331.3	3,952.2	2,859.9	4,664.2	5,112.8	4,311.9	4,214.7	4,980.7	3,689.6
85 and over	13,228.6	14,229.6	12,666.1	14,067.8	15,123.0	13,464.4	12,002.0	13,094.9	11,522.9	8,407.6	8,268.5	8,490.2	8,229.2	8,624.8	7,992.7	6,606.6	6,138.8	6,914.7	9,577.6	10,330.6	9,146.5

— Quantity zero.

^{*} Rate does not meet National Center for Health Statistics standards of reliability; see Technical Notes.¹Includes deaths with origin not stated, origin not classifiable, and two or more races reported; see Technical Notes.²Only one race was reported on the death certificate; see Technical Notes.³Includes persons of Hispanic origin of any race; see Technical Notes.⁴Data for age not stated are included in "All ages" but are not distributed among age groups.⁵Death rates for "Under 1" (based on population estimates) differ from infant mortality rates (based on live births); see Technical Notes.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I-11. Number of deaths from 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019

[Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes in this report]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
All causes.....	2,854,838	1,473,823	1,381,015	2,183,844	1,115,767	1,068,077	346,677	181,363	165,314	18,057	9,732	8,325	70,532	35,914	34,618	3,491	1,938	1,553	212,397	117,683	94,714
Salmonella infections.....(A01–A02)	53	32	21	30	18	12	5	4	1	2	–	2	1	1	–	–	–	–	13	8	5
Shigellosis and amebiasis.....(A03,A06)	8	4	4	5	3	2	1	–	1	–	–	–	1	1	–	–	–	–	1	–	1
Certain other intestinal infections....(A04,A07–A09)	7,294	2,979	4,315	5,671	2,286	3,385	744	303	441	59	29	30	157	71	86	8	2	6	612	269	343
Tuberculosis.....(A16–A19)	526	334	192	219	139	80	82	50	32	8	4	4	129	88	41	2	1	1	84	50	34
Respiratory tuberculosis.....(A16)	346	237	109	110	78	32	60	39	21	7	4	3	115	82	33	1	1	–	52	32	20
Other tuberculosis.....(A17–A19)	180	97	83	109	61	48	22	11	11	1	–	1	14	6	8	1	–	1	32	18	14
Whooping cough.....(A37)	10	6	4	6	4	2	–	–	1	1	–	–	–	–	–	–	–	–	3	1	2
Scarlet fever and erysipelas.....(A38,A46)	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Meningococcal infection.....(A39)	35	19	16	19	13	6	8	3	5	1	–	1	–	–	1	–	1	5	3	2	
Septicemia.....(A40–A41)	38,431	18,867	19,564	28,143	13,808	14,335	6,347	3,015	3,332	261	131	130	716	335	381	49	22	27	2,701	1,428	1,273
Syphilis.....(A50–A53)	43	21	22	17	10	7	22	9	13	–	–	–	2	–	2	–	–	2	2	2	–
Acute poliomyelitis.....(A80)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Arthropod-borne viral encephalitis.....(A83–A84, A85.2)	17	11	6	17	11	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Measles.....(B05)	1	1	–	–	–	1	1	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Viral hepatitis....(B15–B19)	4,285	2,777	1,508	2,703	1,770	933	618	410	208	55	30	25	181	115	66	7	2	5	644	393	251
Human immunodeficiency virus (HIV) disease.....(B20–B24)	5,044	3,753	1,291	1,598	1,327	271	2,556	1,717	839	31	22	9	54	49	5	5	3	2	736	587	149
Malaria.....(B50–B54)	6	3	3	2	1	1	4	2	2	–	–	–	–	–	–	–	–	–	–	–	–
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)	8,952	4,666	4,286	6,571	3,413	3,158	1,071	534	537	80	42	38	304	174	130	7	2	5	832	456	376

Table I-11. Number of deaths from 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes in this report]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Malignant neoplasms (C00-C97)	599,601	315,876	283,725	460,950	245,380	215,570	70,513	35,426	35,087	2,979	1,536	1,443	17,702	8,889	8,813	752	375	377	43,079	22,320	20,759
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	10,492	7,375	3,117	8,269	5,790	2,479	1,062	775	287	43	30	13	411	275	136	16	11	5	626	438	188
Malignant neoplasm of esophagus (C15)	15,962	12,823	3,139	13,467	10,965	2,502	1,241	867	374	84	58	26	289	218	71	11	9	2	789	643	146
Malignant neoplasm of stomach (C16)	11,092	6,622	4,470	6,185	3,846	2,339	1,903	1,128	775	98	62	36	852	463	389	30	17	13	1,946	1,063	883
Malignant neoplasms of colon, rectum and anus (C18-C21)	52,986	28,093	24,893	39,131	20,591	18,540	7,021	3,751	3,270	294	146	148	1,769	923	846	58	34	24	4,373	2,458	1,915
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	27,959	18,692	9,267	18,459	12,296	6,163	3,632	2,516	1,116	240	160	80	1,631	1,073	558	60	46	14	3,710	2,440	1,270
Malignant neoplasm of pancreas (C25)	45,886	23,732	22,154	34,759	18,261	16,498	5,695	2,718	2,977	191	94	97	1,420	693	727	43	21	22	3,512	1,809	1,703
Malignant neoplasm of larynx (C32)	3,811	3,038	773	2,872	2,261	611	604	482	122	21	15	6	51	44	7	2	2	—	237	211	26
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	139,682	74,909	64,773	113,788	60,285	53,503	14,891	8,420	6,471	703	348	355	3,640	1,989	1,651	144	83	61	5,667	3,327	2,340
Malignant melanoma of skin (C43)	8,092	5,295	2,797	7,619	5,024	2,595	121	68	53	18	13	5	45	20	25	4	3	1	254	146	108
Malignant neoplasm of breast (C50)	42,748	467	42,281	30,985	357	30,628	6,642	82	6,560	212	3	209	1,262	6	1,256	64	—	64	3,319	19	3,300
Malignant neoplasm of cervix uteri (C53)	4,152	...	4,152	2,545	...	2,545	783	...	783	31	...	31	157	...	157	13	...	13	588	...	588
Malignant neoplasms of corpus uteri and uterus, part unspecified.... (C54-C55)	11,556	...	11,556	7,696	...	7,696	2,307	...	2,307	62	...	62	377	...	377	44	...	44	991	...	991
Malignant neoplasm of ovary (C56)	13,445	...	13,445	10,314	...	10,314	1,387	...	1,387	49	...	49	485	...	485	12	...	12	1,113	...	1,113
Malignant neoplasm of prostate (C61)	31,638	31,638	...	23,262	23,262	...	5,312	5,312	...	132	132	...	566	566	...	31	31	...	2,135	2,135	...

Table I-11. Number of deaths from 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes in this report]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Malignant neoplasms of kidney and renal pelvis (C64–C65)	14,021	9,226	4,795	10,953	7,236	3,717	1,302	848	454	103	66	37	287	191	96	16	13	3	1,291	826	465
Malignant neoplasm of bladder (C67)	16,796	12,056	4,740	14,248	10,397	3,851	1,248	759	489	42	31	11	318	217	101	15	8	7	836	579	257
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70–C72)	17,233	9,803	7,430	13,992	8,017	5,975	1,222	680	542	48	32	16	402	213	189	18	4	14	1,458	802	656
Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81–C96)	57,460	32,866	24,594	44,714	25,929	18,785	5,978	3,105	2,873	224	124	100	1,601	939	662	80	42	38	4,560	2,548	2,012
Hodgkin disease . . . (C81)	943	558	385	698	401	297	83	52	31	7	2	5	20	13	7	—	—	—	127	84	43
Non-Hodgkin lymphoma . . (C82–C85)	20,270	11,478	8,792	16,182	9,173	7,009	1,521	819	702	85	50	35	678	402	276	29	17	12	1,667	950	717
Leukemia . . . (C91–C95)	23,170	13,508	9,662	18,544	10,999	7,545	1,992	1,036	956	85	44	41	623	368	255	38	19	19	1,764	972	792
Multiple myeloma and immunoproliferative neoplasms . . (C88,C90)	12,954	7,247	5,707	9,194	5,301	3,893	2,369	1,189	1,180	47	28	19	275	152	123	13	6	7	994	535	459
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)	123	75	48	96	55	41	13	9	4	—	—	—	5	4	1	—	—	—	8	7	1
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)	74,590	39,241	35,349	57,692	30,863	26,829	8,162	3,915	4,247	384	222	162	2,139	1,059	1,080	91	51	40	5,674	2,876	2,798
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	15,590	8,424	7,166	12,613	6,940	5,673	1,436	667	769	58	24	34	463	241	222	20	12	8	928	506	422
Anemias (D50–D64)	5,254	2,392	2,862	3,646	1,647	1,999	1,072	497	575	26	10	16	113	52	61	6	3	3	348	163	185
Diabetes mellitus . . (E10–E14)	87,647	49,512	38,135	57,168	33,405	23,763	15,415	7,879	7,536	1,006	524	482	3,000	1,562	1,438	224	114	110	10,166	5,617	4,549

Table I-11. Number of deaths from 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes in this report]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³						
	Both sexes		Male	Female		Both sexes		Male	Female		Both sexes		Male	Female		Both sexes		Male	Female		Both sexes		Male	Female	
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	
Nutritional deficiencies ....(E40–E64)	11,570	4,337	7,233	9,166	3,350	5,816	1,323	541	782	66	28	38	244	93	151	6	2	4	699	293	406				
Malnutrition ....(E40–E46)	11,252	4,203	7,049	8,905	3,237	5,668	1,290	532	758	62	26	36	241	92	149	6	2	4	685	286	399				
Other nutritional deficiencies....(E50–E64)	318	134	184	261	113	148	33	9	24	4	2	2	3	1	2	–	–	–	14	7	7				
Meningitis ....(G00,G03)	583	322	261	352	194	158	100	56	44	11	7	4	20	12	8	1	1	–	89	49	40				
Parkinson disease.....(G20–G21)	35,311	21,592	13,719	30,263	18,645	11,618	1,646	979	667	110	66	44	1,014	592	422	19	15	4	2,126	1,212	914				
Alzheimer disease (G30)	121,499	37,983	83,516	100,371	31,615	68,756	9,208	2,642	6,566	298	91	207	2,887	883	2,004	62	22	40	8,221	2,590	5,631				
Major cardiovascular diseases.....(I00–I78)	869,883	451,389	418,494	667,143	344,715	322,428	110,962	57,135	53,827	4,183	2,329	1,854	22,508	11,599	10,909	1,196	696	500	58,338	31,669	26,669				
Diseases of heart																									
(I00–I09,I11,I13,I20–I51)	659,041	357,761	301,280	512,600	277,283	235,317	81,306	43,519	37,787	3,208	1,883	1,325	14,925	8,162	6,763	870	544	326	41,794	23,713	18,081				
Acute rheumatic fever and chronic rheumatic heart diseases ....(I00–I09)	3,647	1,279	2,368	2,896	1,004	1,892	336	130	206	19	5	14	127	45	82	19	6	13	217	81	136				
Hypertensive heart disease																									
(I11)	55,355	28,047	27,308	39,171	19,157	20,014	10,146	5,609	4,537	371	222	149	1,213	575	638	60	34	26	3,872	2,132	1,740				
Hypertensive heart and renal disease....(I13)	10,193	4,791	5,402	7,300	3,356	3,944	1,787	899	888	54	18	36	242	105	137	26	10	16	706	359	347				
Ischemic heart diseases ....(I20–I25)	360,900	213,364	147,536	280,901	167,006	113,895	40,532	22,586	17,946	1,817	1,154	663	9,281	5,470	3,811	506	342	164	25,348	15,166	10,182				
Acute myocardial infarction...(I21–I22)	104,280	61,695	42,585	81,043	48,369	32,674	11,752	6,473	5,279	542	337	205	2,662	1,579	1,083	139	83	56	7,543	4,475	3,068				
Other acute ischemic heart diseases .. (I24)	4,379	2,424	1,955	3,380	1,837	1,543	664	381	283	22	13	9	74	43	31	–	–	–	207	129	78				
Other forms of chronic ischemic heart disease ....(I20,I25)	252,241	149,245	102,996	196,478	116,800	79,678	28,116	15,732	12,384	1,253	804	449	6,545	3,848	2,697	367	259	108	17,598	10,562	7,036				
Atherosclerotic cardiovascular disease, so described...(I25.0)	65,992	41,572	24,420	48,343	30,178	18,165	9,718	6,043	3,675	449	302	147	1,592	991	601	109	81	28	5,046	3,450	1,596				
All other forms of chronic ischemic heart disease(I20,I25.1–I25.9)	186,249	107,673	78,576	148,135	86,622	61,513	18,398	9,689	8,709	804	502	302	4,953	2,857	2,096	258	178	80	12,552	7,112	5,440				

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Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Other heart diseases(I26–I51)	228,946	110,280	118,666	182,332	86,760	95,572	28,505	14,295	14,210	947	484	463	4,062	1,967	2,095	259	152	107	11,651	5,975	5,676
Acute and subacute endocarditis.(I33)	1,645	966	679	1,224	714	510	199	127	72	22	9	13	23	12	11	2	–	2	162	97	65
Diseases of pericardium and acute myocarditis(I30–I31,I40)	1,036	537	499	743	392	351	149	68	81	4	3	1	32	11	21	1	1	–	98	56	42
Heart failure.(I50)	86,177	40,101	46,076	69,909	32,294	37,615	9,840	4,710	5,130	302	144	158	1,420	667	753	84	52	32	4,288	2,066	2,222
All other forms of heart disease(I26–I28, I34–I38,I42–I49,I51)	140,088	68,676	71,412	110,456	53,360	57,096	18,317	9,390	8,927	619	328	291	2,587	1,277	1,310	172	99	73	7,103	3,756	3,347
Essential hypertension and hypertensive renal disease(I10,I12,I15)	36,524	16,613	19,911	24,962	11,182	13,780	6,605	3,074	3,531	186	87	99	1,458	659	799	56	27	29	3,030	1,458	1,572
Cerebrovascular diseases(I60–I69)	150,005	64,347	85,658	110,804	46,490	64,314	20,003	8,966	11,037	686	309	377	5,495	2,456	3,039	242	110	132	11,959	5,649	6,310
Atherosclerosis.(I70)	4,417	2,046	2,371	3,520	1,631	1,889	430	203	227	17	6	11	107	45	62	4	2	2	311	144	167
Other diseases of circulatory system(I71–I78)	19,896	10,622	9,274	15,257	8,129	7,128	2,618	1,373	1,245	86	44	42	523	277	246	24	13	11	1,244	705	539
Aortic aneurysm and dissection(I71)	9,904	5,816	4,088	7,705	4,457	3,248	1,174	707	467	37	21	16	323	177	146	14	9	5	565	388	177
Other diseases of arteries, arterioles and capillaries(I72–I78)	9,992	4,806	5,186	7,552	3,672	3,880	1,444	666	778	49	23	26	200	100	100	10	4	6	679	317	362
Other disorders of circulatory system(I80–I99)	4,730	2,412	2,318	3,299	1,669	1,630	949	478	471	29	17	12	65	35	30	7	4	3	346	195	151
Influenza and pneumonia(J09–J18)	49,783	24,644	25,139	38,066	18,696	19,370	5,363	2,646	2,717	367	171	196	1,784	901	883	79	38	41	3,808	2,028	1,780
Influenza.(J09–J11)	5,902	2,829	3,073	4,465	2,112	2,353	527	237	290	77	34	43	185	96	89	20	9	11	585	316	269
Pneumonia.(J12–J18)	43,881	21,815	22,066	33,601	16,584	17,017	4,836	2,409	2,427	290	137	153	1,599	805	794	59	29	30	3,223	1,712	1,511
Other acute lower respiratory infections . . . (J20–J22,U04)	303	133	170	214	85	129	48	27	21	6	1	5	7	4	3	–	–	–	26	14	12
Acute bronchitis and bronchiolitis . . . (J20–J21)	226	102	124	149	60	89	43	24	19	6	1	5	6	4	2	–	–	–	21	12	9
Other and unspecified acute lower respiratory infections . . . (J22,U04)	77	31	46	65	25	40	5	3	2	–	–	–	1	–	1	–	–	–	5	2	3

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Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³				
	Both sexes		Male	Both sexes		Male	Both sexes		Male	Both sexes		Male	Both sexes		Male	Both sexes		Male	Both sexes		Male	Female	
Chronic lower respiratory diseases.....(J40–J47)	156,979	73,724	83,255	136,136	62,997	73,139	11,446	5,796	5,650	778	360	418	1,859	1,080	779	76	38	38	5,700	2,923	2,777		
Bronchitis, chronic and unspecified.....(J40–J42)	448	201	247	362	163	199	46	21	25	5	2	3	8	3	5	1	–	1	23	11	12		
Emphysema.....(J43)	7,272	3,856	3,416	6,365	3,282	3,083	514	320	194	27	10	17	86	63	23	7	4	3	216	138	78		
Asthma.....(J45–J46)	3,524	1,422	2,102	1,961	711	1,250	983	472	511	19	9	10	136	49	87	6	2	4	365	160	205		
Other chronic lower respiratory diseases.....(J44,J47)	145,735	68,245	77,490	127,448	58,841	68,607	9,903	4,983	4,920	727	339	388	1,629	965	664	62	32	30	5,096	2,614	2,482		
Pneumoconioses and chemical effects.....(J60–J66,J68)	672	637	35	611	583	28	21	16	5	7	7	–	–	–	–	–	–	–	30	28	2		
Pneumonitis due to solids and liquids.....(J69)	19,184	10,837	8,347	15,257	8,647	6,610	1,958	1,059	899	121	71	50	595	339	256	15	8	7	1,146	658	488		
Other diseases of respiratory system.....(J00–J06, J30–J39,J67,J70–J98)	44,112	22,578	21,534	34,859	18,045	16,814	4,166	1,964	2,202	316	158	158	1,065	548	517	34	17	17	3,446	1,715	1,731		
Peptic ulcer.....(K25–K28)	3,544	1,798	1,746	2,733	1,336	1,397	343	204	139	23	16	7	139	68	71	4	2	2	268	152	116		
Diseases of appendix.....(K35–K38)	388	212	176	288	161	127	40	19	21	5	4	1	15	6	9	–	–	–	38	21	17		
Hernia.....(K40–K46)	2,269	980	1,289	1,862	800	1,062	187	83	104	9	4	5	30	13	17	2	–	2	166	74	92		
Chronic liver disease and cirrhosis.....(K70,K73–K74)	44,358	28,105	16,253	31,881	19,954	11,927	3,421	2,104	1,317	1,079	551	528	683	434	249	32	22	10	6,877	4,781	2,096		
Alcoholic liver disease.....(K70)	24,110	16,650	7,460	17,040	11,514	5,526	1,815	1,171	644	803	410	393	286	219	67	16	14	2	3,904	3,154	750		
Other chronic liver disease and cirrhosis..(K73–K74)	20,248	11,455	8,793	14,841	8,440	6,401	1,606	933	673	276	141	135	397	215	182	16	8	8	2,973	1,627	1,346		
Cholelithiasis and other disorders of gallbladder.....(K80–K82)	3,850	1,889	1,961	2,967	1,474	1,493	343	153	190	33	18	15	139	69	70	7	2	5	339	163	176		

Table I-11. Number of deaths from 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes in this report]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes			Both sexes			Both sexes			Both sexes			Both sexes			Both sexes			Both sexes		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07, N17–N19, N25–N27)	51,565	26,669	24,896	35,081	18,358	16,723	9,740	4,794	4,946	373	179	194	1,523	780	743	88	47	41	4,488	2,356	2,132
Acute and rapidly progressive nephritic and nephrotic syndrome(N00–N01, N04)	695	365	330	540	286	254	74	35	39	4	2	2	23	12	11	–	–	–	52	29	23
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified(N02–N03, N05–N07, N26)	310	178	132	217	129	88	42	19	23	3	2	1	14	7	7	2	–	2	27	18	9
Renal failure . . . (N17–N19)	50,534	26,112	24,422	34,309	17,933	16,376	9,619	4,737	4,882	366	175	191	1,483	760	723	86	47	39	4,406	2,309	2,097
Other disorders of kidney. . . .(N25, N27)	26	14	12	15	10	5	5	3	2	–	–	–	3	1	2	–	–	–	3	–	3
Infections of kidney(N10–N12, N13.6, N15.1)	955	324	631	723	243	480	91	40	51	6	1	5	24	5	19	4	2	2	98	28	70
Hyperplasia of prostate(N40)	636	636	...	518	518	...	57	57	...	1	1	...	19	19	...	–	–	...	36	36	...
Inflammatory diseases of female pelvic organs(N70–N76)	162	...	162	118	...	118	25	...	25	–	...	–	3	...	3	–	...	–	16	...	16
Pregnancy, childbirth and the puerperium . . . (O00–O99)	1,103	...	1,103	483	...	483	361	...	361	22	...	22	43	...	43	8	...	8	175	...	175
Pregnancy with abortive outcome(O00–O07)	26	...	26	6	...	6	9	...	9	1	...	1	1	...	1	–	...	–	9	...	9
Other complications of pregnancy, childbirth and the puerperium . . . (O10–O99)	1,077	...	1,077	477	...	477	352	...	352	21	...	21	42	...	42	8	...	8	166	...	166
Certain conditions originating in the perinatal period. . . .(P00–P96)	10,412	5,858	4,554	3,830	2,171	1,659	3,316	1,838	1,478	81	40	41	364	202	162	32	20	12	2,297	1,314	983

Table I-11. Number of deaths from 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes in this report]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99)	9,713	5,075	4,638	5,918	3,096	2,822	1,491	778	713	74	38	36	241	137	104	27	17	10	1,729	900	829
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00–R99)	32,408	15,687	16,721	24,333	11,191	13,142	4,537	2,411	2,126	253	144	109	549	274	275	42	23	19	2,294	1,395	899
All other diseases.. . (residual)	354,698	153,833	200,865	282,327	120,833	161,494	38,710	17,291	21,419	2,224	1,072	1,152	6,966	2,995	3,971	328	165	163	22,094	10,475	11,619
Accidents (unintentional injuries) (V01–X59, Y85–Y86)	173,040	112,720	60,320	125,151	78,616	46,535	21,615	15,142	6,473	2,046	1,303	743	3,092	1,978	1,114	189	143	46	18,874	14,147	4,727
Transport accidents (V01–V99,Y85)	41,949	30,107	11,842	26,737	19,065	7,672	6,552	4,781	1,771	685	429	256	899	562	337	69	56	13	6,512	4,870	1,642
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)	39,107	27,835	11,272	24,770	17,501	7,269	6,196	4,481	1,715	633	385	248	824	515	309	65	54	11	6,165	4,584	1,581
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)	1,105	887	218	646	505	141	188	159	29	29	24	5	28	21	7	3	2	1	189	160	29

See footnotes at end of table.

Table I-11. Number of deaths from 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes in this report]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Water, air and space, and other and unspecified transport accidents and their sequelae																					
.....(V90–V99,Y85)	1,737	1,385	352	1,321	1,059	262	168	141	27	23	20	3	47	26	21	1	–	1	158	126	32
Nontransport accidents																					
.....(W00–X59,Y86)	131,091	82,613	48,478	98,414	59,551	38,863	15,063	10,361	4,702	1,361	874	487	2,193	1,416	777	120	87	33	12,362	9,277	3,085
Falls	39,443	20,088	19,355	33,801	16,785	17,016	1,789	1,000	789	202	118	84	1,024	580	444	31	20	11	2,424	1,494	930
Accidental discharge of firearms ..(W32–W34)	486	436	50	291	257	34	115	105	10	6	5	1	8	8	–	1	1	–	60	55	5
Accidental drowning and submersion (W65–W74)	3,692	2,784	908	2,270	1,641	629	564	458	106	68	57	11	175	125	50	8	8	–	534	438	96
Accidental exposure to smoke, fire and flames ..(X00–X09)	2,692	1,613	1,079	1,897	1,119	778	496	301	195	34	21	13	34	21	13	–	–	–	200	136	64
Accidental poisoning and exposure to noxious substances ..(X40–X49)	65,773	46,169	19,604	45,981	31,344	14,637	9,702	7,045	2,657	822	510	312	586	464	122	56	42	14	7,543	6,029	1,514
Other and unspecified nontransport accidents and their sequelae.....(W20–W31,W35–W64, W75–W99,X10–X39, X50–X59,Y86)	19,005	11,523	7,482	14,174	8,405	5,769	2,397	1,452	945	229	163	66	366	218	148	24	16	8	1,601	1,125	476
Intentional self-harm (suicide).....(*U03, X60–X84,Y87.0)	47,511	37,256	10,255	37,428	29,382	8,046	3,115	2,491	624	546	401	145	1,342	950	392	90	72	18	4,331	3,445	886
Intentional self-harm (suicide) by discharge of firearms ..(X72–X74)	23,941	20,725	3,216	20,090	17,329	2,761	1,546	1,378	168	154	128	26	316	276	40	21	19	2	1,534	1,350	184
Intentional self-harm (suicide) by other and unspecified means and their sequelae.....(*U03, X60–X71,X75–X84,Y87.0)	23,570	16,531	7,039	17,338	12,053	5,285	1,569	1,113	456	392	273	119	1,026	674	352	69	53	16	2,797	2,095	702

See footnotes at end of table.

Table I-11. Number of deaths from 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes in this report]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³					
	Both sexes		Male	Both sexes		Male	Female		Both sexes		Male	Female		Both sexes		Male	Female		Both sexes		Male	Female		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Assault (homicide).....																								
(*U01–*U02,X85–Y09,Y87.1)	19,141	15,264	3,877	5,176	3,460	1,716	9,951	8,624	1,327	292	212	80	292	191	101	39	29	10	3,122	2,534	588			
Assault (homicide) by discharge of firearms	(*U01.4,X93–X95)	14,414	12,127	2,287	3,129	2,203	926	8,438	7,548	890	154	118	36	173	124	49	29	22	7	2,301	1,955	346		
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)	4,727	3,137	1,590	2,047	1,257	790	1,513	1,076	437	138	94	44	119	67	52	10	7	3	821	579	242		
Legal intervention . . . (Y35,Y89.0)		652	613	39	300	280	20	162	153	9	22	22	–	16	16	–	2	2	–	132	122	10		
Events of undetermined intent .....(Y10–Y34,Y87.2,Y89.9)		5,683	3,761	1,922	3,706	2,328	1,378	1,295	937	358	71	48	23	82	56	26	8	7	1	429	323	106		
Discharge of firearms, undetermined intent .....(Y22–Y24)		346	257	89	215	158	57	77	58	19	3	2	1	–	–	–	1	1	–	46	34	12		
Other and unspecified events of undetermined intent and their sequelae.....(Y10–Y21,Y25–Y34,Y87.2,Y89.9)		5,337	3,504	1,833	3,491	2,170	1,321	1,218	879	339	68	46	22	82	56	26	7	6	1	383	289	94		
Operations of war and their sequelae.....(Y36,Y89.1)		14	14	–	12	12	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–		
Complications of medical and surgical care .....(Y40–Y84,Y88)		5,329	2,863	2,466	3,893	2,137	1,756	791	387	404	38	19	19	99	57	42	13	8	5	465	240	225		

Table I-11. Number of deaths from 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes in this report]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Enterocolitis due to <i>Clostridium</i> <i>difficile</i>.....(A04.7) ⁴	4,533	1,889	2,644	3,584	1,502	2,082	435	161	274	42	17	25	83	35	48	8	2	6	358	163	195
Drug-induced deaths ^{5,6}	74,511	50,393	24,118	52,796	34,490	18,306	11,115	7,968	3,147	785	465	320	713	530	183	66	48	18	7,837	6,106	1,731
Drug overdose deaths ^{5,7} ...	70,630	47,881	22,749	50,044	32,798	17,246	10,517	7,532	2,985	723	426	297	679	505	174	58	42	16	7,473	5,830	1,643
Alcohol-induced deaths ^{5,8} ...	39,043	27,921	11,122	27,951	19,588	8,363	3,391	2,409	982	1,315	785	530	467	368	99	26	20	6	5,458	4,442	1,016
Firearm-related injuries ^{5,9}	39,707	34,041	5,666	23,964	20,173	3,791	10,288	9,198	1,090	336	272	64	513	424	89	54	45	9	4,058	3,503	555

— Quantity zero.

... Category not applicable.

¹Includes deaths with origin not stated, origin not classifiable, and two or more races reported; see Technical Notes.

²Only one race was reported on the death certificate; see Technical Notes.

³Includes persons of Hispanic origin of any race; see Technical Notes.

⁴Included in "Certain other intestinal infections (A04,A07–A09)" shown above. Beginning with data year 2006, Enterocolitis due to *Clostridium difficile* (A04.7) is shown separately at the bottom of tables showing 113 selected causes and is included in the list of rankable causes; see Technical Notes.

⁵Included in selected categories above.

⁶Includes ICD-10 codes D52.1, D59.0, D59.2, D61.1, D64.2, E06.4, E16.0, E23.1, E24.2, E27.3, E66.1, F11.1–F11.5, F11.7–F11.9, F12.1–F12.5, F12.7–F12.9, F13.1–F13.5, F13.7–F13.9, F14.1–F14.5, F14.7–F14.9, F15.1–F15.5, F15.7–F15.9, F16.1–F16.5, F16.7–F16.9, F17.3–F17.5, F17.7–F17.9, F18.1–F18.5, F18.7–F18.9, F19.1–F19.5, F19.7–F19.9, G21.1, G24.0, G25.1, G25.4, G25.6, G44.4, G62.0, G72.0, I95.2, J70.2–J70.4, K85.3, L10.5, L27.0–L27.1, M10.2, M32.0, M80.4, M81.4, M83.5, M87.1, R50.2, R78.1–R78.5, X40–X44, X60–X64, X85, and Y10–Y14.

⁷Includes ICD-10 codes X40–X44, X60–X64, X85, and Y10–Y14.

⁸Includes ICD-10 codes E24.4, F10, G31.2, G62.1, G72.1, I42.6, K29.2, K70, K85.2, K86.0, R78.0, X45, X65, and Y15.

⁹Includes ICD-10 codes *U01.4, W32–W34, X72–X74, X93–X95, Y22–Y24, and Y35.0.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I-12. Death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019

[Rates per 100,000 population in specified group. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes in this report. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision (ICD-10)*; see Technical Notes]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³			
	Both sexes			Both sexes			Both sexes			Both sexes			Both sexes			Both sexes			Both sexes			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
All causes.....	869.7	911.7	829.0	1,106.8	1,146.6	1,068.1	842.5	921.8	769.9	741.6	812.1	673.3	373.1	398.7	349.8	585.8	646.5	524.4	350.7	384.9	315.7	
Salmonella infections.....(A01–A02)	0.0	0.0	0.0	0.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shigellosis and amebiasis.....(A03,A06)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Certain other intestinal infections...(A04,A07–A09)	2.2	1.8	2.6	2.9	2.3	3.4	1.8	1.5	2.1	2.4	2.4	2.4	0.8	0.8	0.9	*	*	*	*	1.0	0.9	1.1
Tuberculosis.....(A16–A19)	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.3	0.1	*	*	*	0.7	1.0	0.4	*	*	*	*	0.1	0.2	0.1
Respiratory tuberculosis.....(A16)	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.2	0.1	*	*	*	0.6	0.9	0.3	*	*	*	*	0.1	0.1	0.1
Other tuberculosis.....(A17–A19)	0.1	0.1	0.0	0.1	0.1	0.0	0.1	*	*	*	*	*	*	*	*	*	*	*	*	0.1	*	*
Whooping cough.....(A37)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Scarlet fever and erysipelas.....(A38,A46)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Meningococcal infection.....(A39)	0.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Septicemia.....(A40–A41)	11.7	11.7	11.7	14.3	14.2	14.3	15.4	15.3	15.5	10.7	10.9	10.5	3.8	3.7	3.8	8.2	7.3	9.1	4.5	4.7	4.2	
Syphilis.....(A50–A53)	0.0	0.0	0.0	*	*	*	0.1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Acute poliomyelitis.....(A80)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Arthropod-borne viral encephalitis.....(A83–A84, A85.2)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Measles.....(B05)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Viral hepatitis.....(B15–B19)	1.3	1.7	0.9	1.4	1.8	0.9	1.5	2.1	1.0	2.3	2.5	2.0	1.0	1.3	0.7	*	*	*	1.1	1.3	0.8	
Human immunodeficiency virus (HIV) disease.....(B20–B24)	1.5	2.3	0.8	0.8	1.4	0.3	6.2	8.7	3.9	1.3	1.8	*	0.3	0.5	*	*	*	*	1.2	1.9	0.5	
Malaria.....(B50–B54)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
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)	2.7	2.9	2.6	3.3	3.5	3.2	2.6	2.7	2.5	3.3	3.5	3.1	1.6	1.9	1.3	*	*	*	1.4	1.5	1.3	

See footnotes at end of table.

Table I-12. Death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Rates per 100,000 population in specified group. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes in this report. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Malignant neoplasms (C00–C97)	182.7	195.4	170.3	233.6	252.2	215.6	171.4	180.1	163.4	122.3	128.2	116.7	93.6	98.7	89.0	126.2	125.1	127.3	71.1	73.0	69.2
Malignant neoplasms of lip, oral cavity and pharynx (C00–C14)	3.2	4.6	1.9	4.2	5.9	2.5	2.6	3.9	1.3	1.8	2.5	*	2.2	3.1	1.4	*	*	*	1.0	1.4	0.6
Malignant neoplasm of esophagus (C15)	4.9	7.9	1.9	6.8	11.3	2.5	3.0	4.4	1.7	3.4	4.8	2.1	1.5	2.4	0.7	*	*	*	1.3	2.1	0.5
Malignant neoplasm of stomach (C16)	3.4	4.1	2.7	3.1	4.0	2.3	4.6	5.7	3.6	4.0	5.2	2.9	4.5	5.1	3.9	5.0	*	*	3.2	3.5	2.9
Malignant neoplasms of colon, rectum and anus (C18–C21)	16.1	17.4	14.9	19.8	21.2	18.5	17.1	19.1	15.2	12.1	12.2	12.0	9.4	10.2	8.5	9.7	11.3	8.1	7.2	8.0	6.4
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	8.5	11.6	5.6	9.4	12.6	6.2	8.8	12.8	5.2	9.9	13.4	6.5	8.6	11.9	5.6	10.1	15.3	*	6.1	8.0	4.2
Malignant neoplasm of pancreas (C25)	14.0	14.7	13.3	17.6	18.8	16.5	13.8	13.8	13.9	7.8	7.8	7.5	7.7	7.3	7.2	7.0	7.4	5.8	5.9	5.7	
Malignant neoplasm of larynx (C32)	1.2	1.9	0.5	1.5	2.3	0.6	1.5	2.4	0.6	0.9	*	*	0.3	0.5	*	*	*	*	0.4	0.7	0.1
Malignant neoplasms of trachea, bronchus and lung (C33–C34)	42.6	46.3	38.9	57.7	61.9	53.5	36.2	42.8	30.1	28.9	29.0	28.7	19.3	22.1	16.7	24.2	27.7	20.6	9.4	10.9	7.8
Malignant melanoma of skin (C43)	2.5	3.3	1.7	3.9	5.2	2.6	0.3	0.3	0.2	*	*	*	0.2	0.2	0.3	*	*	*	0.4	0.5	0.4
Malignant neoplasm of breast (C50)	13.0	0.3	25.4	15.7	0.4	30.6	16.1	0.4	30.5	8.7	*	16.9	6.7	*	12.7	10.7	*	21.6	5.5	*	11.0
Malignant neoplasm of cervix uteri (C53)	1.3	...	2.5	1.3	...	2.5	1.9	...	3.6	1.3	...	2.5	0.8	...	1.6	*	...	*	1.0	...	2.0
Malignant neoplasms of corpus uteri and uterus, part unspecified . . . (C54–C55)	3.5	...	6.9	3.9	...	7.7	5.6	...	10.7	2.5	...	5.0	2.0	...	3.8	7.4	...	14.9	1.6	...	3.3
Malignant neoplasm of ovary (C56)	4.1	...	8.1	5.2	...	10.3	3.4	...	6.5	2.0	...	4.0	2.6	...	4.9	*	...	*	1.8	...	3.7
Malignant neoplasm of prostate (C61)	9.6	19.6	...	11.8	23.9	...	12.9	27.0	...	5.4	11.0	...	3.0	6.3	...	5.2	10.3	...	3.5	7.0	...

Table I-12. Death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Rates per 100,000 population in specified group. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes in this report. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision (ICD-10)*; see Technical Notes]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Malignant neoplasms of kidney and renal pelvis (C64–C65)	4.3	5.7	2.9	5.6	7.4	3.7	3.2	4.3	2.1	4.2	5.5	3.0	1.5	2.1	1.0	*	*	*	2.1	2.7	1.5
Malignant neoplasm of bladder (C67)	5.1	7.5	2.8	7.2	10.7	3.9	3.0	3.9	2.3	1.7	2.6	*	1.7	2.4	1.0	*	*	*	1.4	1.9	0.9
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70–C72)	5.3	6.1	4.5	7.1	8.2	6.0	3.0	3.5	2.5	2.0	2.7	*	2.1	2.4	1.9	*	*	*	2.4	2.6	2.2
Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81–C96)	17.5	20.3	14.8	22.7	26.6	18.8	14.5	15.8	13.4	9.2	10.3	8.1	8.5	10.4	6.7	13.4	14.0	12.8	7.5	8.3	6.7
Hodgkin disease . . . (C81)	0.3	0.3	0.2	0.4	0.4	0.3	0.2	0.3	0.1	*	*	*	0.1	*	*	*	*	*	0.2	0.3	0.1
Non-Hodgkin lymphoma. . (C82–C85)	6.2	7.1	5.3	8.2	9.4	7.0	3.7	4.2	3.3	3.5	4.2	2.8	3.6	4.5	2.8	4.9	*	*	2.8	3.1	2.4
Leukemia . . (C91–C95)	7.1	8.4	5.8	9.4	11.3	7.5	4.8	5.3	4.5	3.5	3.7	3.3	3.3	4.1	2.6	6.4	*	*	2.9	3.2	2.6
Multiple myeloma and immunoproliferative neoplasms . . (C88,C90)	3.9	4.5	3.4	4.7	5.4	3.9	5.8	6.0	5.5	1.9	2.3	*	1.5	1.7	1.2	*	*	*	1.6	1.8	1.5
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue. . . . (C96)	0.0	0.0	0.0	0.0	0.1	0.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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)	22.7	24.3	21.2	29.2	31.7	26.8	19.8	19.9	19.8	15.8	18.5	13.1	11.3	11.8	10.9	15.3	17.0	13.5	9.4	9.4	9.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	4.7	5.2	4.3	6.4	7.1	5.7	3.5	3.4	3.6	2.4	2.0	2.7	2.4	2.7	2.2	3.4	*	*	1.5	1.7	1.4
Anemias (D50–D64)	1.6	1.5	1.7	1.8	1.7	2.0	2.6	2.5	2.7	1.1	*	*	0.6	0.6	0.6	0.6	*	*	0.6	0.5	0.6
Diabetes mellitus . . (E10–E14)	26.7	30.6	22.9	29.0	34.3	23.8	37.5	40.0	35.1	41.3	43.7	39.0	15.9	17.3	14.5	37.6	38.0	37.1	16.8	18.4	15.2

See footnotes at end of table.

Table I-12. Death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Rates per 100,000 population in specified group. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes in this report. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision (ICD-10)*; see Technical Notes]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³							
	Both sexes		Male	Female	Both sexes		Male	Female	Both sexes		Male	Female	Both sexes		Male	Female	Both sexes		Male	Female	Both sexes		Male	Female		
Nutritional deficiencies(E40–E64)	3.5	2.7	4.3	4.6	3.4	5.8	3.2	2.7	3.6	2.7	2.3	3.1	1.3	1.0	1.5	*	*	*	*	1.2	1.0	1.4				
Malnutrition(E40–E46)	3.4	2.6	4.2	4.5	3.3	5.7	3.1	2.7	3.5	2.5	2.2	2.9	1.3	1.0	1.5	*	*	*	*	1.1	0.9	1.3				
Other nutritional deficiencies(E50–E64)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	*	0.1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Meningitis(G00, G03)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	*	*	*	*	0.1	*	*	*	*	*	*	0.1	0.2	0.1			
Parkinson disease.(G20–G21)	10.8	13.4	8.2	15.3	19.2	11.6	4.0	5.0	3.1	4.5	5.5	3.6	5.4	6.6	4.3	*	*	*	*	3.5	4.0	3.0				
Alzheimer disease(G30)	37.0	23.5	50.1	50.9	32.5	68.8	22.4	13.4	30.6	12.2	7.6	16.7	15.3	9.8	20.2	10.4	7.3	13.5	13.6	8.5	18.8					
Major cardiovascular diseases.(I00–I78)	265.0	279.2	251.2	338.1	354.2	322.4	269.7	290.4	250.7	171.8	194.3	149.9	119.1	128.8	110.2	200.7	232.2	168.8	96.3	103.6	88.9					
Diseases of heart(I00–I09, I11, I13, I20–I51)	200.8	221.3	180.9	259.8	284.9	235.3	197.6	221.2	176.0	131.8	157.1	107.2	78.9	90.6	68.3	146.0	181.5	110.1	69.0	77.6	60.3					
Acute rheumatic fever and chronic rheumatic heart diseases(I00–I09)	1.1	0.8	1.4	1.5	1.0	1.9	0.8	0.7	1.0	*	*	*	0.7	0.5	0.8	*	*	*	0.4	0.3	0.5					
Hypertensive heart disease(I11)	16.9	17.3	16.4	19.9	19.7	20.0	24.7	28.5	21.1	15.2	18.5	12.0	6.4	6.4	10.1	11.3	8.8	6.4	7.0	5.8						
Hypertensive heart and renal disease(I13)	3.1	3.0	3.2	3.7	3.4	3.9	4.3	4.6	4.1	2.2	*	2.9	1.3	1.2	1.4	4.4	*	*	1.2	1.2	1.2					
Ischemic heart diseases(I20–I25)	110.0	132.0	88.6	142.4	171.6	113.9	98.5	114.8	83.6	74.6	96.3	53.6	49.1	60.7	38.5	84.9	114.1	55.4	41.8	49.6	33.9					
Acute myocardial infarction(I21–I22)	31.8	38.2	25.6	41.1	49.7	32.7	28.6	32.9	24.6	22.3	28.1	16.6	14.1	17.5	10.9	23.3	27.7	18.9	12.5	14.6	10.2					
Other acute ischemic heart diseases(I24)	1.3	1.5	1.2	1.7	1.9	1.5	1.6	1.9	1.3	0.9	*	*	0.4	0.5	0.3	*	*	*	0.3	0.4	0.3					
Other forms of chronic ischemic heart disease(I20, I25)	76.8	92.3	61.8	99.6	120.0	79.7	68.3	80.0	57.7	51.5	67.1	36.3	34.6	42.7	27.3	61.6	86.4	36.5	29.1	34.5	23.5					
Atherosclerotic cardiovascular disease, so described(I25.0)	20.1	25.7	14.7	24.5	31.0	18.2	23.6	30.7	17.1	18.4	25.2	11.9	8.4	11.0	6.1	18.3	27.0	9.5	8.3	11.3	5.3					
All other forms of chronic ischemic heart disease(I20, I25.1–I25.9)	56.7	66.6	47.2	75.1	89.0	61.5	44.7	49.2	40.6	33.0	41.9	24.4	26.2	31.7	21.2	43.3	59.4	27.0	20.7	23.3	18.1					

See footnotes at end of table.

Table I-12. Death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Rates per 100,000 population in specified group. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes in this report. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Other heart diseases(I26–I51)	69.7	68.2	71.2	92.4	89.2	95.6	69.3	72.7	66.2	38.9	40.4	37.4	21.5	21.8	21.2	43.5	50.7	36.1	19.2	19.5	18.9
Acute and subacute endocarditis (I33)	0.5	0.6	0.4	0.6	0.7	0.5	0.5	0.6	0.3	0.9	*	*	0.1	*	*	*	*	*	0.3	0.3	0.2
Diseases of pericardium and acute myocarditis(I30–I31,I40)	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	*	*	*	0.2	*	0.2	*	*	*	0.2	0.2	0.1
Heart failure(I50)	26.3	24.8	27.7	35.4	33.2	37.6	23.9	23.9	23.9	12.4	12.0	12.8	7.5	7.4	7.6	14.1	17.3	10.8	7.1	6.8	7.4
All other forms of heart disease(I26–I28, I34–I38,I42–I49,I51)	42.7	42.5	42.9	56.0	54.8	57.1	44.5	47.7	41.6	25.4	27.4	23.5	13.7	14.2	13.2	28.9	33.0	24.7	11.7	12.3	11.2
Essential hypertension and hypertensive renal disease(I10,I12,I15)	11.1	10.3	12.0	12.7	11.5	13.8	16.1	15.6	16.4	7.6	7.3	8.0	7.7	7.3	8.1	9.4	9.0	9.8	5.0	4.8	5.2
Cerebrovascular diseases(I60–I69)	45.7	39.8	51.4	56.2	47.8	64.3	48.6	45.6	51.4	28.2	25.8	30.5	29.1	27.3	30.7	40.6	36.7	44.6	19.7	18.5	21.0
Atherosclerosis(I70)	1.3	1.3	1.4	1.8	1.7	1.9	1.0	1.0	1.1	*	*	*	0.6	0.5	0.6	*	*	*	0.5	0.5	0.6
Other diseases of circulatory system(I71–I78)	6.1	6.6	5.6	7.7	8.4	7.1	6.4	7.0	5.8	3.5	3.7	3.4	2.8	3.1	2.5	4.0	*	*	2.1	2.3	1.8
Aortic aneurysm and dissection(I71)	3.0	3.6	2.5	3.9	4.6	3.2	2.9	3.6	2.2	1.5	1.8	*	1.7	2.0	1.5	*	*	*	0.9	1.3	0.6
Other diseases of arteries, arterioles and capillaries(I72–I78)	3.0	3.0	3.1	3.8	3.8	3.9	3.5	3.4	3.6	2.0	1.9	2.1	1.1	1.1	1.0	*	*	*	1.1	1.0	1.2
Other disorders of circulatory system(I80–I99)	1.4	1.5	1.4	1.7	1.7	1.6	2.3	2.4	2.2	1.2	*	*	0.3	0.4	0.3	*	*	*	0.6	0.6	0.5
Influenza and pneumonia(J09–J18)	15.2	15.2	15.1	19.3	19.2	19.4	13.0	13.4	12.7	15.1	14.3	15.9	9.4	10.0	8.9	13.3	12.7	13.8	6.3	6.6	5.9
Influenza(J09–J11)	1.8	1.7	1.8	2.3	2.2	2.4	1.3	1.2	1.4	3.2	2.8	3.5	1.0	1.1	0.9	3.4	*	*	1.0	1.0	0.9
Pneumonia(J12–J18)	13.4	13.5	13.2	17.0	17.0	17.0	11.8	12.2	11.3	11.9	11.4	12.4	8.5	8.9	8.0	9.9	9.7	10.1	5.3	5.6	5.0
Other acute lower respiratory infections . . . (J20–J22,U04)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	*	*	*	*	*	*	*	*	*	0.0	*	*
Acute bronchitis and bronchiolitis . . . (J20–J21)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	*	*	*	*	*	*	*	*	*	*	0.0	*	*
Other and unspecified acute lower respiratory infections . . . (J22,U04)	0.0	0.0	0.0	0.0	0.0	0.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

See footnotes at end of table.

Table I-12. Death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Rates per 100,000 population in specified group. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes in this report. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³			
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	
Chronic lower respiratory diseases.....(J40–J47)	47.8	45.6	50.0	69.0	64.7	73.1	27.8	29.5	26.3	32.0	30.0	33.8	9.8	12.0	7.9	12.8	12.7	12.8	9.4	9.6	9.3	
Bronchitis, chronic and unspecified.....(J40–J42)	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	*	*	*	*	*	*	*	*	*	*	0.0	*	*
Emphysema.....(J43)	2.2	2.4	2.1	3.2	3.4	3.1	1.2	1.6	0.9	1.1	*	*	0.5	0.7	0.2	*	*	*	*	0.4	0.5	0.3
Asthma.....(J45–J46)	1.1	0.9	1.3	1.0	0.7	1.3	2.4	2.4	2.4	*	*	*	0.7	0.5	0.9	*	*	*	*	0.6	0.5	0.7
Other chronic lower respiratory diseases.....(J44,J47)	44.4	42.2	46.5	64.6	60.5	68.6	24.1	25.3	22.9	29.9	28.3	31.4	8.6	10.7	6.7	10.4	10.7	10.1	8.4	8.6	8.3	
Pneumoconioses and chemical effects.....(J60–J66,J68)	0.2	0.4	0.0	0.3	0.6	0.0	0.1	*	*	*	*	*	*	*	*	*	*	*	0.0	0.1	*	
Pneumonitis due to solids and liquids.....(J69)	5.8	6.7	5.0	7.7	8.9	6.6	4.8	5.4	4.2	5.0	5.9	4.0	3.1	3.8	2.6	*	*	*	1.9	2.2	1.6	
Other diseases of respiratory system.....(J00–J06,J30–J39,J67,J70–J98)	13.4	14.0	12.9	17.7	18.5	16.8	10.1	10.0	10.3	13.0	13.2	12.8	5.6	6.1	5.2	5.7	*	*	5.7	5.6	5.8	
Peptic ulcer.....(K25–K28)	1.1	1.1	1.0	1.4	1.4	1.4	0.8	1.0	0.6	0.9	*	*	0.7	0.8	0.7	*	*	*	0.4	0.5	0.4	
Diseases of appendix.....(K35–K38)	0.1	0.1	0.1	0.1	0.2	0.1	0.1	*	0.1	*	*	*	*	*	*	*	*	*	0.1	0.1	*	
Hernia.....(K40–K46)	0.7	0.6	0.8	0.9	0.8	1.1	0.5	0.4	0.5	*	*	*	0.2	*	*	*	*	*	0.3	0.2	0.3	
Chronic liver disease and cirrhosis.....(K70,K73–K74)	13.5	17.4	9.8	16.2	20.5	11.9	8.3	10.7	6.1	44.3	46.0	42.7	3.6	4.8	2.5	5.4	7.3	*	11.4	15.6	7.0	
Alcoholic liver disease.....(K70)	7.3	10.3	4.5	8.6	11.8	5.5	4.4	6.0	3.0	33.0	34.2	31.8	1.5	2.4	0.7	*	*	*	6.4	10.3	2.5	
Other chronic liver disease and cirrhosis.....(K73–K74)	6.2	7.1	5.3	7.5	8.7	6.4	3.9	4.7	3.1	11.3	11.8	10.9	2.1	2.4	1.8	*	*	*	4.9	5.3	4.5	
Cholelithiasis and other disorders of gallbladder.....(K80–K82)	1.2	1.2	1.2	1.5	1.5	1.5	0.8	0.8	0.9	1.4	*	*	0.7	0.8	0.7	*	*	*	0.6	0.5	0.6	

Table I-12. Death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Rates per 100,000 population in specified group. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes in this report. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision (ICD-10)*; see Technical Notes]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07, N17–N19, N25–N27)	15.7	16.5	14.9	17.8	18.9	16.7	23.7	24.4	23.0	15.3	14.9	15.7	8.1	8.7	7.5	14.8	15.7	13.8	7.4	7.7	7.1
Acute and rapidly progressive nephritic and nephrotic syndrome . . . (N00–N01, N04)	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	*	*	*	0.1	*	*	*	*	*	0.1	0.1	0.1
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified . . . (N02–N03, N05–N07, N26)	0.1	0.1	0.1	0.1	0.1	0.1	*	0.1	*	*	*	*	*	*	*	*	*	*	0.0	*	*
Renal failure . . . (N17–N19)	15.4	16.2	14.7	17.4	18.4	16.4	23.4	24.1	22.7	15.0	14.6	15.4	7.8	8.4	7.3	14.4	15.7	13.2	7.3	7.6	7.0
Other disorders of kidney . . . (N25, N27)	0.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Infections of kidney . . . (N10–N12, N13.6, N15.1)	0.3	0.2	0.4	0.4	0.2	0.5	0.2	0.2	0.2	*	*	*	0.1	*	*	*	*	*	0.2	0.1	0.2
Hyperplasia of prostate . . . (N40)	0.2	0.4	...	0.3	0.5	...	0.1	0.3	...	*	*	...	*	*	...	*	*	...	0.1	0.1	...
Inflammatory diseases of female pelvic organs . . . (N70–N76)	0.0	...	0.1	0.1	...	0.1	0.1	...	0.1	*	...	*	*	...	*	*	...	*	*	...	*
Pregnancy, childbirth and the puerperium . . . (O00–O99)	0.3	...	0.7	0.2	...	0.5	0.9	...	1.7	0.9	...	1.8	0.2	...	0.4	*	...	*	0.3	...	0.6
Pregnancy with abortive outcome . . . (O00–O07)	0.0	...	0.0	*	...	*	*	...	*	*	...	*	*	...	*	*	...	*	*	...	*
Other complications of pregnancy, childbirth and the puerperium . . . (O10–O99)	0.3	...	0.6	0.2	...	0.5	0.9	...	1.6	0.9	...	1.7	0.2	...	0.4	*	...	*	0.3	...	0.6
Certain conditions originating in the perinatal period . . . (P00–P96)	3.2	3.6	2.7	1.9	2.2	1.7	8.1	9.3	6.9	3.3	3.3	3.3	1.9	2.2	1.6	5.4	6.7	*	3.8	4.3	3.3
Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99)	3.0	3.1	2.8	3.0	3.2	2.8	3.6	4.0	3.3	3.0	3.2	2.9	1.3	1.5	1.1	4.5	*	*	2.9	2.9	2.8

See footnotes at end of table.

Table I-12. Death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Rates per 100,000 population in specified group. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes in this report. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified																					
(R00–R99)	9.9	9.7	10.0	12.3	11.5	13.1	11.0	12.3	9.9	10.4	12.0	8.8	2.9	3.0	2.8	7.0	7.7	*	3.8	4.6	3.0
All other diseases.. (residual)	108.1	95.2	120.6	143.1	124.2	161.5	94.1	87.9	99.7	91.3	89.5	93.2	36.8	33.2	40.1	55.0	55.0	55.0	36.5	34.3	38.7
Accidents (unintentional injuries)																					
(V01–X59, Y85–Y86)	52.7	69.7	36.2	63.4	80.8	46.5	52.5	77.0	30.1	84.0	108.7	60.1	16.4	22.0	11.3	31.7	47.7	15.5	31.2	46.3	15.8
Transport accidents																					
(V01–V99, Y85)	12.8	18.6	7.1	13.6	19.6	7.7	15.9	24.3	8.2	28.1	35.8	20.7	4.8	6.2	3.4	11.6	18.7	*	10.8	15.9	5.5
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)	11.9	17.2	6.8	12.6	18.0	7.3	15.1	22.8	8.0	26.0	32.1	20.1	4.4	5.7	3.1	10.9	18.0	*	10.2	15.0	5.3
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)	0.3	0.5	0.1	0.3	0.5	0.1	0.5	0.8	0.1	1.2	2.0	*	0.1	0.2	*	*	*	*	0.3	0.5	0.1

See footnotes at end of table.

Table I-12. Death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Rates per 100,000 population in specified group. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes in this report. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³			
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	
Water, air and space, and other and unspecified transport accidents and their sequelae	(V90–V99,Y85)	0.5	0.9	0.2	0.7	1.1	0.3	0.4	0.7	0.1	0.9	1.7	*	0.2	0.3	0.2	*	*	*	0.3	0.4	0.1
Nontransport accidents (W00–X59,Y86)	39.9	51.1	29.1	49.9	61.2	38.9	36.6	52.7	21.9	55.9	72.9	39.4	11.6	15.7	7.9	20.1	29.0	11.1	20.4	30.3	10.3	
Falls	(W00–W19)	12.0	12.4	11.6	17.1	17.2	17.0	4.3	5.1	3.7	8.3	9.8	6.8	5.4	6.4	4.5	5.2	6.7	*	4.0	4.9	3.1
Accidental discharge of firearms .. (W32–W34)	0.1	0.3	0.0	0.1	0.3	0.0	0.3	0.5	*	*	*	*	*	*	*	*	*	*	*	0.1	0.2	*
Accidental drowning and submersion (W65–W74)	1.1	1.7	0.5	1.2	1.7	0.6	1.4	2.3	0.5	2.8	4.8	*	0.9	1.4	0.5	*	*	*	0.9	1.4	0.3	
Accidental exposure to smoke, fire and flames	(X00–X09)	0.8	1.0	0.6	1.0	1.1	0.8	1.2	1.5	0.9	1.4	1.8	*	0.2	0.2	*	*	*	*	0.3	0.4	0.2
Accidental poisoning and exposure to noxious substances	(X40–X49)	20.0	28.6	11.8	23.3	32.2	14.6	23.6	35.8	12.4	33.8	42.6	25.2	3.1	5.2	1.2	9.4	14.0	*	12.5	19.7	5.0
Other and unspecified nontransport accidents and their sequelae.....																						
(W20–W31,W35–W64, W75–W99,X10–X39, X50–X59,Y86)	5.8	7.1	4.5	7.2	8.6	5.8	5.8	7.4	4.4	9.4	13.6	5.3	1.9	2.4	1.5	4.0	*	*	2.6	3.7	1.6	
Intentional self-harm (suicide).....(*U03, X60–X84,Y87.0)	14.5	23.0	6.2	19.0	30.2	8.0	7.6	12.7	2.9	22.4	33.5	11.7	7.1	10.5	4.0	15.1	24.0	*	7.2	11.3	3.0	
Intentional self-harm (suicide) by discharge of firearms	(X72–X74)	7.3	12.8	1.9	10.2	17.8	2.8	3.8	7.0	0.8	6.3	10.7	2.1	1.7	3.1	0.4	3.5	*	*	2.5	4.4	0.6
Intentional self-harm (suicide) by other and unspecified means and their sequelae.....(*U03, X60–X71,X75–X84,Y87.0)	7.2	10.2	4.2	8.8	12.4	5.3	3.8	5.7	2.1	16.1	22.8	9.6	5.4	7.5	3.6	11.6	17.7	*	4.6	6.9	2.3	

See footnotes at end of table.

Table I-12. Death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Rates per 100,000 population in specified group. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes in this report. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Assault (homicide)..... (*U01–*U02,X85–Y09,Y87.1)	5.8	9.4	2.3	2.6	3.6	1.7	24.2	43.8	6.2	12.0	17.7	6.5	1.5	2.1	1.0	6.5	9.7	*	5.2	8.3	2.0
Assault (homicide) by discharge of firearms (*U01.4,X93–X95)	4.4	7.5	1.4	1.6	2.3	0.9	20.5	38.4	4.1	6.3	9.8	2.9	0.9	1.4	0.5	4.9	7.3	*	3.8	6.4	1.2
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)	1.4	1.9	1.0	1.0	1.3	0.8	3.7	5.5	2.0	5.7	7.8	3.6	0.6	0.7	0.5	*	*	*	1.4	1.9	0.8
Legal intervention																					
Events of undetermined intent .....(Y10–Y34, Y87.2,Y89.9)	0.2	0.4	0.0	0.2	0.3	0.0	0.4	0.8	*	0.9	1.8	*	*	*	*	*	*	*	0.2	0.4	*
Discharge of firearms, undetermined intent .....(Y22–Y24)	1.7	2.3	1.2	1.9	2.4	1.4	3.1	4.8	1.7	2.9	4.0	1.9	0.4	0.6	0.3	*	*	*	0.7	1.1	0.4
Other and unspecified events of undetermined intent and their sequelae.....(Y10–Y21, Y25–Y34,Y87.2,Y89.9)	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.3	*	*	*	*	*	*	*	*	*	*	0.1	0.1	*
Operations of war and their sequelae..... (Y36,Y89.1)	1.6	2.2	1.1	1.8	2.2	1.3	3.0	4.5	1.6	2.8	3.8	1.8	0.4	0.6	0.3	*	*	*	0.6	0.9	0.3
Complications of medical and surgical care	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Enterocolitis due to <i>Clostridium difficile</i> , drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.	1.6	1.8	1.5	2.0	2.2	1.8	1.9	2.0	1.9	1.6	*	*	0.5	0.6	0.4	*	*	*	0.8	0.8	0.7

See footnotes at end of table.

Table I-12. Death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Rates per 100,000 population in specified group. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes in this report. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Enterocolitis due to <i>Clostridium difficile</i>.....(A04.7)⁴																					
Drug-induced deaths ^{5,6}	1.4	1.2	1.6	1.8	1.5	2.1	1.1	0.8	1.3	1.7	*	2.0	0.4	0.4	0.5	*	*	*	0.6	0.5	0.6
Drug overdose deaths ^{5,7}	22.7	31.2	14.5	26.8	35.4	18.3	27.0	40.5	14.7	32.2	38.8	25.9	3.8	5.9	1.8	11.1	16.0	*	12.9	20.0	5.8
Alcohol-induced deaths ^{5,8}	21.5	29.6	13.7	25.4	33.7	17.2	25.6	38.3	13.9	29.7	35.5	24.0	3.6	5.6	1.8	9.7	14.0	*	12.3	19.1	5.5
Firearm-related injuries ^{5,9}	11.9	17.3	6.7	14.2	20.1	8.4	8.2	12.2	4.6	54.0	65.5	42.9	2.5	4.1	1.0	4.4	6.7	*	9.0	14.5	3.4
	12.1	21.1	3.4	12.1	20.7	3.8	25.0	46.8	5.1	13.8	22.7	5.2	2.7	4.7	0.9	9.1	15.0	*	6.7	11.5	1.8

0.0 Quantity more than zero but less than 0.05.

* Rate does not meet National Center for Health Statistics standards of reliability; see Technical Notes.

... Category not applicable.

¹Includes deaths with origin not stated, origin not classifiable, and two or more races reported; see Technical Notes.

²Only one race was reported on the death certificate; see Technical Notes.

³Includes persons of Hispanic origin of any race; see Technical Notes.

⁴Included in "Certain other intestinal infections (A04,A07–A09)" shown above. Beginning with data year 2006, Enterocolitis due to *Clostridium difficile* (A04.7) is shown separately at the bottom of tables showing 113 selected causes and is included in the list of rankable causes; see Technical Notes.

⁵Included in selected categories above.

⁶Includes ICD-10 codes D52.1, D59.0, D59.2, D61.1, D64.2, E06.4, E16.0, E23.1, E24.2, E27.3, E66.1, F11.1–F11.5, F11.7–F11.9, F12.1–F12.5, F12.7–F12.9, F13.1–F13.5, F13.7–F13.9, F14.1–F14.5, F14.7–F14.9, F15.1–F15.5, F15.7–F15.9, F16.1–F16.5, F16.7–16.9, F17.3–F17.5, F17.7–F17.9, F18.1–F18.5, F18.7–F18.9, F19.1–F19.5, F19.7–F19.9, G21.1, G24.0, G25.1, G25.4, G25.6, G44.4, G62.0, G72.0, I95.2, J70.2–J70.4, K85.3, L10.5, L27.0–L27.1, M10.2, M32.0, M80.4, M81.4, M83.5, M87.1, R50.2, R78.1–R78.5, X40–X44, X60–X64, X85, and Y10–Y14.

⁷Includes ICD-10 codes X40–X44, X60–X64, X85, and Y10–Y14.

⁸Includes ICD-10 codes E24.4, F10, G31.2, G62.1, G72.1, I42.6, K29.2, K70, K85.2, K86.0, R78.0, X45, X65, and Y15.

⁹Includes ICD-10 codes *U01.4, W32–W34, X72–X74, X93–X95, Y22–Y24, and Y35.0.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I-13. Age-adjusted death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019

[Age-adjusted rates are per 100,000 U.S. standard population; see Technical Notes in this report. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision (ICD-10)*; see Technical Notes]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³			
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	
All causes.....	715.2	846.7	602.7	739.9	868.8	627.4	884.0	1,092.8	724.9	782.5	901.9	673.3	372.8	442.4	317.2	679.0	769.0	589.5	523.8	633.2	430.7	
Salmonella infections.....(A01–A02)	0.0	0.0	0.0	0.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Shigellosis and amebiasis.....(A03,A06)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Certain other intestinal infections....(A04,A07–A09)	1.8	1.7	1.9	1.9	1.8	1.9	1.9	1.8	1.9	2.6	2.9	2.5	0.9	0.9	0.8	*	*	*	*	1.6	1.6	
Tuberculosis.....(A16–A19)	0.1	0.2	0.1	0.1	0.1	0.0	0.2	0.3	0.1	*	*	*	0.7	1.1	0.4	*	*	*	*	0.2	0.2	
Respiratory tuberculosis.....(A16)	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	*	*	*	0.6	1.0	0.3	*	*	*	*	0.1	0.2	0.1
Other tuberculosis.....(A17–A19)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*	*	*	*	*	*	*	*	*	*	*	*	0.1	*	*
Whooping cough.....(A37)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Scarlet fever and erysipelas.....(A38,A46)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Meningococcal infection.....(A39)	0.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Septicemia.....(A40–A41)	9.5	10.7	8.6	9.4	10.5	8.5	16.1	18.8	14.4	11.1	12.3	10.0	3.8	4.2	3.5	9.0	8.2	9.7	6.8	8.1	5.8	
Syphilis.....(A50–A53)	0.0	0.0	0.0	*	*	*	0.1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Acute poliomyelitis.....(A80)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Arthropod-borne viral encephalitis.....(A83–A84, A85.2)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Measles.....(B05)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Viral hepatitis.....(B15–B19)	1.0	1.4	0.7	1.0	1.3	0.6	1.4	2.0	0.8	2.0	2.3	1.7	0.9	1.3	0.6	*	*	*	1.3	1.7	1.0	
Human immunodeficiency virus (HIV) disease.....(B20–B24)	1.4	2.1	0.7	0.6	1.1	0.2	5.9	8.6	3.7	1.2	1.8	*	0.3	0.5	*	*	*	*	1.4	2.3	0.6	
Malaria.....(B50–B54)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
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)	2.3	2.6	2.0	2.3	2.6	2.0	2.7	3.0	2.4	3.4	3.9	3.1	1.6	2.1	1.2	*	*	*	1.8	2.2	1.6	

See footnotes at end of table.

Table I-13. Age-adjusted death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Age-adjusted rates are per 100,000 U.S. standard population; see Technical Notes in this report. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision (ICD-10)*; see Technical Notes.]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Malignant neoplasms.....(C00–C97)	146.2	172.9	126.2	152.0	179.2	131.2	173.1	212.2	148.6	122.9	138.5	110.7	90.4	105.3	79.5	141.2	146.4	136.7	105.6	125.7	91.4
Malignant neoplasms of lip, oral cavity and pharynx.....(C00–C14)	2.5	3.9	1.4	2.7	4.1	1.5	2.5	4.2	1.2	1.7	2.5	*	2.0	3.1	1.2	*	*	*	1.5	2.3	0.8
Malignant neoplasm of esophagus.....(C15)	3.8	6.8	1.4	4.4	7.8	1.5	2.9	4.7	1.6	3.3	4.8	2.1	1.4	2.5	0.6	*	*	*	1.9	3.5	0.7
Malignant neoplasm of stomach.....(C16)	2.8	3.7	2.0	2.1	2.8	1.4	4.8	6.9	3.4	4.1	5.6	2.9	4.4	5.5	3.5	5.3	*	*	4.6	5.7	3.8
Malignant neoplasms of colon, rectum and anus.....(C18–C21)	13.1	15.5	11.1	13.2	15.4	11.3	17.4	22.1	14.0	12.4	13.1	11.7	9.0	10.8	7.6	10.6	12.3	8.9	10.5	12.9	8.5
Malignant neoplasms of liver and intrahepatic bile ducts.....(C22)	6.6	9.6	4.1	5.9	8.5	3.7	8.2	13.1	4.6	9.2	13.2	5.9	8.2	12.3	5.1	10.4	16.6	*	8.9	12.8	5.8
Malignant neoplasm of pancreas.....(C25)	11.0	12.7	9.6	11.3	13.0	9.7	13.8	15.4	12.6	7.8	8.4	7.3	7.3	8.2	6.6	8.3	7.6	8.6	8.8	9.8	7.9
Malignant neoplasm of larynx.....(C32)	0.9	1.6	0.3	0.9	1.6	0.4	1.4	2.7	0.5	0.8	*	*	0.3	0.5	*	*	*	*	0.6	1.2	0.1
Malignant neoplasms of trachea, bronchus and lung.....(C33–C34)	33.4	40.1	28.2	36.6	42.8	31.8	36.1	49.3	27.0	28.7	31.6	26.4	18.7	23.7	15.0	27.8	33.6	22.7	14.9	20.3	10.8
Malignant melanoma of skin.....(C43)	2.0	3.0	1.3	2.6	3.8	1.7	0.3	0.4	0.2	*	*	*	0.2	0.2	0.2	*	*	*	0.6	0.8	0.4
Malignant neoplasm of breast.....(C50)	10.7	0.2	19.4	10.6	0.3	19.5	16.4	0.5	28.1	8.9	*	16.3	6.2	*	11.1	11.3	*	21.8	7.6	*	13.8
Malignant neoplasm of cervix uteri.....(C53)	1.1	...	2.1	1.0	...	2.0	1.9	...	3.4	1.2	...	2.4	0.8	...	1.4	*	...	*	1.2	...	2.3
Malignant neoplasms of corpus uteri and uterus, part unspecified.....(C54–C55)	2.8	...	5.1	2.5	...	4.6	5.4	...	9.4	2.6	...	4.7	1.8	...	3.3	7.9	...	15.4	2.3	...	4.3
Malignant neoplasm of ovary.....(C56)	3.3	...	6.0	3.4	...	6.4	3.3	...	5.7	2.1	...	3.8	2.4	...	4.3	*	...	*	2.6	...	4.8
Malignant neoplasm of prostate.....(C61)	7.7	18.3	...	7.4	17.5	...	13.9	36.7	...	5.9	13.8	...	3.0	7.3	...	6.8	15.0	...	6.0	14.7	...

See footnotes at end of table.

Table I-13. Age-adjusted death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Age-adjusted rates are per 100,000 U.S. standard population; see Technical Notes in this report. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes.]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Malignant neoplasms of kidney and renal pelvis (Q64–Q65)	3.4	5.0	2.1	3.6	5.3	2.2	3.2	4.9	1.9	4.3	5.8	2.9	1.5	2.2	0.9	*	*	*	3.2	4.6	2.1
Malignant neoplasm of bladder (C67)	4.1	7.0	2.0	4.6	7.8	2.2	3.3	5.2	2.1	1.8	3.0	*	1.7	2.8	0.9	*	*	*	2.3	3.9	1.2
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70–C72)	4.3	5.3	3.5	5.0	6.1	4.0	2.9	3.7	2.4	1.9	2.6	*	2.0	2.4	1.7	*	*	*	3.2	3.7	2.7
Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81–C96)	14.2	18.6	10.9	14.8	19.5	11.1	15.2	19.1	12.5	9.6	11.5	8.0	8.3	11.3	6.1	15.7	16.8	14.6	11.2	14.0	9.0
Hodgkin disease . . . (C81)	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.3	0.1	*	*	*	0.1	*	*	*	*	*	0.3	0.4	0.2
Non-Hodgkin lymphoma . . . (C82–C85)	5.0	6.5	3.8	5.3	6.9	4.1	3.8	5.0	3.1	3.5	4.4	2.8	3.5	4.9	2.5	5.9	*	*	4.3	5.5	3.3
Leukemia . . . (C91–C95)	5.8	7.7	4.3	6.2	8.4	4.5	5.0	6.3	4.1	3.7	4.1	3.3	3.3	4.4	2.4	7.2	*	*	4.1	4.9	3.4
Multiple myeloma and immunoproliferative neoplasms . . . (C88,C90)	3.1	4.0	2.5	3.0	3.9	2.2	6.0	7.5	5.1	2.1	2.8	*	1.4	1.8	1.1	*	*	*	2.5	3.2	2.1
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)	0.0	0.0	0.0	0.0	0.0	0.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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)	18.3	21.8	15.7	19.2	23.0	16.2	20.1	23.2	18.1	16.0	20.1	12.6	11.0	12.5	9.8	17.1	19.5	14.8	13.7	15.4	12.3
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	3.9	4.9	3.1	4.1	5.3	3.3	3.8	4.4	3.4	2.5	2.4	2.6	2.5	3.1	2.1	3.7	*	*	2.4	3.1	1.9
Anemias (D50–D64)	1.3	1.4	1.3	1.2	1.3	1.1	2.7	3.0	2.6	1.2	*	*	0.6	0.7	0.6	0.6	*	*	0.9	1.0	0.8
Diabetes mellitus . . . (E10–E14)	21.6	27.3	16.9	19.1	24.9	14.3	38.8	47.1	32.6	43.0	48.4	38.2	15.7	18.8	13.2	41.9	43.3	40.4	25.6	31.2	21.0

See footnotes at end of table.

Table I-13. Age-adjusted death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Age-adjusted rates are per 100,000 U.S. standard population; see Technical Notes in this report. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision (ICD-10)*; see Technical Notes.]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³			
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	
Nutritional deficiencies (E40–E64)	2.8	2.6	2.9	2.9	2.6	3.1	3.7	4.0	3.5	3.2	3.1	3.2	1.3	1.2	1.4	*	*	*	*	2.0	2.1	2.0
Malnutrition (E40–E46)	2.7	2.5	2.9	2.8	2.5	3.0	3.6	3.9	3.4	3.0	2.9	3.0	1.3	1.2	1.4	*	*	*	*	2.0	2.0	2.0
Other nutritional deficiencies (E50–E64)	0.1	0.1	0.1	0.1	0.1	0.1	*	0.1	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Meningitis (G00, G03)	0.1	0.2	0.1	0.1	0.2	0.1	0.3	0.3	0.2	*	*	*	0.1	*	*	*	*	*	*	0.2	0.2	0.1
Parkinson disease (G20–G21)	8.8	13.1	5.8	9.8	14.4	6.4	4.8	7.7	3.1	5.7	8.4	3.8	5.7	8.1	3.9	*	*	*	6.5	9.1	4.7	
Alzheimer disease (G30)	29.8	23.9	33.6	31.5	25.1	35.7	27.7	22.8	30.0	16.1	11.9	18.8	15.9	12.4	17.9	16.3	13.0	18.7	25.3	20.5	28.3	
Major cardiovascular diseases (I00–I78)	213.4	259.1	175.3	216.3	262.1	177.2	286.9	354.8	235.8	186.1	224.6	152.1	119.7	145.1	99.3	236.5	281.3	193.1	156.4	191.5	127.7	
Diseases of heart (I00–I09, I11, I13, I20–I51)	161.5	204.8	126.2	166.4	210.7	129.6	208.6	267.5	165.0	141.6	180.3	107.9	79.2	101.6	61.6	168.5	213.8	124.7	111.3	141.9	86.4	
Acute rheumatic fever and chronic rheumatic heart diseases (I00–I09)	0.9	0.7	1.0	1.0	0.8	1.1	0.8	0.8	0.9	*	*	*	0.7	0.5	0.7	*	*	*	0.5	0.4	0.6	
Hypertensive heart disease (I11)	13.7	15.8	11.5	13.0	14.7	11.1	25.4	32.3	19.7	15.8	20.1	11.9	6.4	6.9	5.7	11.5	12.9	9.9	9.9	11.6	8.2	
Hypertensive heart and renal disease (I13)	2.5	2.8	2.2	2.3	2.6	2.1	4.7	5.8	3.9	2.5	*	3.1	1.3	1.4	1.2	5.3	*	*	1.9	2.2	1.7	
Ischemic heart diseases (I20–I25)	88.0	120.9	61.7	91.0	125.5	62.9	103.9	139.6	78.1	79.4	109.9	53.7	49.1	67.7	34.7	97.4	135.3	62.4	67.8	91.4	49.0	
Acute myocardial infarction (I21–I22)	25.5	34.3	18.1	26.6	36.0	18.6	29.9	39.5	23.0	23.6	32.0	16.5	14.0	19.4	9.9	26.1	32.2	20.3	19.8	26.4	14.6	
Other acute ischemic heart diseases (I24)	1.1	1.3	0.8	1.1	1.4	0.9	1.7	2.3	1.2	1.0	*	*	0.4	0.5	0.3	*	*	*	0.5	0.7	0.4	
Other forms of chronic ischemic heart disease (I20, I25)	61.4	85.2	42.7	63.3	88.1	43.4	72.3	97.9	53.9	54.8	76.4	36.4	34.7	47.8	24.5	71.2	103.0	42.1	47.4	64.2	34.0	
Atherosclerotic cardiovascular disease, so described (I25.0)	16.0	22.6	10.4	16.0	22.4	10.4	23.6	34.3	15.7	18.7	26.9	11.5	8.2	11.5	5.5	19.6	29.5	10.3	12.3	17.9	7.4	
All other forms of chronic ischemic heart disease (I20, I25.1–I25.9)	45.4	62.6	32.3	47.3	65.8	33.0	48.6	63.6	38.2	36.1	49.5	24.9	26.5	36.3	19.1	51.6	73.6	31.8	35.1	46.3	26.6	

See footnotes at end of table.

Table I-13. Age-adjusted death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Age-adjusted rates are per 100,000 U.S. standard population; see Technical Notes in this report. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision (ICD-10)*; see Technical Notes]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Other heart diseases (I26–I51)	56.4	64.5	49.7	59.2	67.1	52.4	73.8	89.1	62.4	43.1	48.3	38.2	21.8	25.0	19.2	50.9	59.4	41.7	31.1	36.2	26.9
Acute and subacute endocarditis (I33)	0.4	0.5	0.3	0.5	0.6	0.4	0.5	0.7	0.3	0.9	*	*	0.1	*	*	*	*	*	0.4	0.4	0.3
Diseases of pericardium and acute myocarditis (I30–I31,I40)	0.2	0.3	0.2	0.3	0.3	0.2	0.4	0.4	0.4	*	*	*	0.2	*	0.2	*	*	*	0.2	0.2	0.2
Heart failure (I50)	21.0	24.0	18.7	22.1	25.1	19.7	26.3	31.5	22.7	14.4	15.7	13.2	7.7	8.9	6.8	17.8	21.4	13.9	12.3	14.2	10.9
All other forms of heart disease (I26–I28, I34–I38,I42–I49,I51)	34.7	39.6	30.4	36.4	41.1	32.1	46.6	56.5	39.0	27.7	31.6	23.8	13.8	15.9	12.0	32.7	37.7	27.2	18.3	21.4	15.6
Essential hypertension and hypertensive renal disease (I10,I12,I15)	8.9	9.5	8.3	8.0	8.4	7.4	17.3	19.4	15.5	8.6	8.7	8.3	7.8	8.5	7.3	12.1	12.3	11.6	8.3	9.2	7.6
Cerebrovascular diseases (I60–I69)	37.0	37.6	35.8	35.7	35.7	35.2	53.1	58.1	48.8	31.4	30.8	31.5	29.3	31.1	27.7	50.9	49.2	52.6	32.8	35.3	30.3
Atherosclerosis (I70)	1.1	1.2	0.9	1.1	1.2	1.0	1.2	1.4	1.0	*	*	0.6	0.6	0.6	0.6	*	*	*	0.9	1.0	0.8
Other diseases of circulatory system (I71–I78)	4.9	6.0	4.0	5.0	6.1	4.1	6.7	8.3	5.4	3.8	4.1	3.5	2.7	3.3	2.2	4.2	*	*	3.3	4.1	2.6
Aortic aneurysm and dissection (I71)	2.5	3.3	1.8	2.6	3.4	1.9	3.0	4.1	2.1	1.6	1.9	*	1.7	2.1	1.3	*	*	*	1.4	2.1	0.8
Other diseases of arteries, arterioles and capillaries (I72–I78)	2.4	2.7	2.2	2.4	2.7	2.2	3.8	4.3	3.4	2.2	2.3	2.1	1.1	1.2	0.9	*	*	*	1.8	2.0	1.7
Other disorders of circulatory system (I80–I99)	1.2	1.4	1.1	1.2	1.3	1.1	2.4	2.6	2.1	1.2	*	*	0.3	0.4	0.3	*	*	*	0.8	0.9	0.7
Influenza and pneumonia (J09–J18)	12.3	14.4	10.7	12.5	14.4	11.0	13.9	17.0	11.9	16.3	17.3	15.5	9.6	11.8	8.0	16.4	17.0	15.8	9.9	12.1	8.3
Influenza (J09–J11)	1.5	1.6	1.4	1.5	1.6	1.5	1.3	1.4	1.2	3.2	3.2	3.3	1.0	1.2	0.8	3.6	*	*	1.3	1.5	1.1
Pneumonia (J12–J18)	10.8	12.8	9.4	11.0	12.8	9.6	12.6	15.6	10.6	13.1	14.0	12.3	8.6	10.6	7.2	12.7	13.9	11.8	8.6	10.6	7.1
Other acute lower respiratory infections . . . (J20–J22,U04)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	*	*	*	*	*	*	*	*	*	0.0	*	*
Acute bronchitis and bronchiolitis . . . (J20–J21)	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	*	*	*	*	*	*	*	*	*	*	0.0	*	*
Other and unspecified acute lower respiratory infections (J22,U04)	0.0	0.0	0.0	0.0	0.0	0.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Table I-13. Age-adjusted death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Age-adjusted rates are per 100,000 U.S. standard population; see Technical Notes in this report. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes.]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³					
	Both sexes		Male	Female	Both sexes		Male	Female	Both sexes		Male	Female	Both sexes		Male	Female	Both sexes		Male	Female	Both sexes		Male	Female
Chronic lower respiratory diseases.....(J40–J47)	38.2	41.6	35.7	43.7	46.3	41.8	29.2	37.2	24.2	33.9	35.4	32.6	10.2	14.4	7.2	16.7	17.8	15.7	16.1	19.8	13.4			
Bronchitis, chronic and unspecified.....(J40–J42)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	*	*	*	*	*	*	*	*	*	*	*	0.0	*	*	
Emphysema.....(J43)	1.8	2.1	1.5	2.0	2.4	1.8	1.3	2.0	0.8	1.2	*	*	0.5	0.8	0.2	*	*	*	*	*	0.6	0.9	0.4	
Asthma.....(J45–J46)	1.0	0.8	1.1	0.8	0.6	0.9	2.4	2.4	2.3	*	*	*	0.7	0.6	0.8	*	*	*	*	*	0.8	0.6	0.9	
Other chronic lower respiratory diseases.....(J44,J47)	35.3	38.5	33.0	40.7	43.1	39.0	25.4	32.6	21.0	31.7	33.5	30.2	9.0	12.9	6.2	13.9	15.5	12.5	14.6	18.3	12.1			
Pneumoconioses and chemical effects.....(J60–J66,J68)	0.2	0.4	0.0	0.2	0.4	0.0	0.1	*	*	*	*	*	*	*	*	*	*	*	*	*	0.1	0.2	*	
Pneumonitis due to solids and liquids.....(J69)	4.7	6.5	3.5	4.9	6.7	3.7	5.2	7.2	4.0	5.4	7.3	3.9	3.2	4.6	2.3	*	*	*	*	3.2	4.4	2.3		
Other diseases of respiratory system.....(J00–J06, J30–J39,J67,J70–J98)	10.9	13.0	9.3	11.4	13.7	9.7	10.6	12.2	9.6	13.9	15.4	12.6	5.8	7.1	4.8	6.8	*	*	*	9.2	10.6	8.2		
Peptic ulcer.....(K25–K28)	0.9	1.0	0.8	0.9	1.0	0.8	0.9	1.2	0.6	1.0	*	*	0.7	0.8	0.7	*	*	*	*	0.7	0.9	0.5		
Diseases of appendix.....(K35–K38)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	*	0.1	*	*	*	*	*	*	*	*	*	*	0.1	0.1	*		
Hernia.....(K40–K46)	0.6	0.6	0.5	0.6	0.6	0.6	0.5	0.5	0.5	*	*	*	0.2	*	*	*	*	*	*	0.4	0.4	0.4		
Chronic liver disease and cirrhosis.....(K70,K73–K74)	11.3	15.1	8.0	11.9	15.4	8.7	7.7	10.4	5.5	44.7	46.9	42.8	3.4	4.7	2.3	5.9	8.0	*	14.6	20.8	8.8			
Alcoholic liver disease.....(K70)	6.4	9.0	3.9	6.8	9.2	4.5	4.0	5.7	2.7	33.5	35.1	32.1	1.4	2.3	0.6	*	*	*	7.7	12.9	2.8			
Other chronic liver disease and cirrhosis... (K73–K74)	5.0	6.1	4.0	5.1	6.2	4.1	3.6	4.7	2.8	11.2	11.8	10.7	2.0	2.4	1.7	*	*	*	6.9	7.8	6.0			
Cholelithiasis and other disorders of gallbladder.....(K80–K82)	0.9	1.1	0.8	1.0	1.1	0.8	0.9	1.0	0.8	1.4	*	*	0.8	0.9	0.7	*	*	*	0.9	1.0	0.8			

Table I-13. Age-adjusted death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Age-adjusted rates are per 100,000 U.S. standard population; see Technical Notes in this report. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision (ICD-10)*; see Technical Notes]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07, N17–N19, N25–N27)	12.7	15.4	10.7	11.4	14.0	9.5	25.4	30.6	21.8	16.7	17.6	16.0	8.1	9.9	6.8	18.0	20.4	16.0	11.8	14.0	10.1
Acute and rapidly progressive nephritic and nephrotic syndrome . . . (N00–N01, N04)	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.2	*	*	*	0.1	*	*	*	*	*	0.1	0.2	0.1
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified . . . (N02–N03, N05–N07, N26)	0.1	0.1	0.1	0.1	0.1	0.0	0.1	*	0.1	*	*	*	*	*	*	*	*	*	0.0	*	*
Renal failure . . . (N17–N19)	12.4	15.0	10.5	11.1	13.6	9.3	25.1	30.3	21.5	16.4	17.2	15.7	7.9	9.6	6.7	17.6	20.4	15.3	11.6	13.7	9.9
Other disorders of kidney . . . (N25, N27)	0.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Infections of kidney . . . (N10–N12, N13.6, N15.1)	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.3	0.2	*	*	*	0.1	*	*	*	*	*	0.2	0.1	0.3
Hyperplasia of prostate . . . (N40)	0.1	0.4	...	0.2	0.4	...	0.2	0.5	...	*	*	...	*	*	...	*	*	...	0.1	0.3	...
Inflammatory diseases of female pelvic organs . . . (N70–N76)	0.0	...	0.1	0.0	...	0.1	0.1	...	0.1	*	...	*	*	...	*	*	...	*	*	...	*
Pregnancy, childbirth and the puerperium . . . (000–099)	0.4	...	0.7	0.3	...	0.6	0.9	...	1.7	0.9	...	1.8	0.2	...	0.4	*	...	*	0.3	...	0.6
Pregnancy with abortive outcome . . . (000–007)	0.0	...	0.0	*	...	*	*	...	*	*	...	*	*	...	*	*	...	*	*	...	*
Other complications of pregnancy, childbirth and the puerperium . . . (010–099)	0.3	...	0.7	0.3	...	0.6	0.9	...	1.7	0.9	...	1.8	0.2	...	0.4	*	...	*	0.3	...	0.6
Certain conditions originating in the perinatal period . . . (P00–P96)	3.8	4.2	3.4	2.8	3.1	2.5	8.8	9.6	8.0	3.6	3.4	3.7	2.9	3.1	2.6	5.7	7.0	*	3.2	3.6	2.8
Congenital malformations, deformations and chromosomal abnormalities . . . (Q00–Q99)	3.1	3.3	2.9	3.2	3.3	3.0	3.8	4.1	3.6	3.3	3.3	3.2	1.6	1.8	1.4	4.6	*	*	2.6	2.7	2.5

See footnotes at end of table.

Table I-13. Age-adjusted death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Age-adjusted rates are per 100,000 U.S. standard population; see Technical Notes in this report. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes.]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00–R99)																					
All other diseases . . . (residual)	88.2	89.9	85.3	93.4	94.4	90.9	102.7	112.5	95.0	98.7	101.6	94.4	37.3	38.0	36.2	67.9	72.2	63.9	57.2	59.9	54.0
Accidents (unintentional injuries) (V01–X59, Y85–Y86)	49.3	68.3	31.3	55.0	74.3	36.4	52.2	78.8	29.4	87.0	114.2	61.6	16.0	22.6	10.5	33.1	48.4	17.2	35.1	52.6	18.0
Transport accidents (V01–V99, Y85)	12.3	18.1	6.8	12.6	18.2	7.1	15.6	24.2	8.2	28.5	36.1	21.4	4.5	6.0	3.2	11.1	17.7	*	11.2	16.8	5.7
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)	11.5	16.7	6.5	11.7	16.8	6.7	14.8	22.7	7.9	26.4	32.5	20.6	4.2	5.5	3.0	10.6	17.2	*	10.6	15.8	5.5
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)	0.3	0.5	0.1	0.3	0.5	0.1	0.4	0.8	0.1	1.2	1.9	*	0.1	0.2	*	*	*	*	0.3	0.6	0.1

See footnotes at end of table.

Table I-13. Age-adjusted death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Age-adjusted rates are per 100,000 U.S. standard population; see Technical Notes in this report. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³			
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	
Water, air and space, and other and unspecified transport accidents and their sequelae	(V90–V99,Y85)	0.5	0.8	0.2	0.6	0.9	0.3	0.4	0.7	0.1	0.9	1.7	*	0.2	0.3	0.2	*	*	*	0.3	0.5	0.1
Nontransport accidents	(W00–X59,Y86)	37.0	50.3	24.5	42.5	56.1	29.3	36.6	54.6	21.2	58.4	78.1	40.3	11.5	16.6	7.3	22.0	30.7	12.9	23.9	35.8	12.3
Falls	(W00–W19)	9.8	12.0	8.0	11.0	13.1	9.2	4.7	6.6	3.5	9.5	12.3	7.2	5.5	7.5	4.1	7.3	9.3	*	6.3	8.6	4.5
Accidental discharge of firearms	(W32–W34)	0.2	0.3	0.0	0.2	0.3	0.0	0.3	0.5	*	*	*	*	*	*	*	*	*	*	0.1	0.2	*
Accidental drowning and submersion	(W65–W74)	1.1	1.7	0.5	1.1	1.6	0.6	1.4	2.3	0.5	2.9	4.9	*	0.9	1.4	0.5	*	*	*	0.9	1.4	0.3
Accidental exposure to smoke, fire and flames	(X00–X09)	0.7	0.9	0.5	0.7	0.9	0.6	1.2	1.6	0.9	1.4	1.8	*	0.2	0.2	*	*	*	*	0.4	0.6	0.2
Accidental poisoning and exposure to noxious substances	(X40–X49)	20.2	28.6	11.9	24.2	33.1	15.2	22.9	35.3	12.0	34.3	43.3	25.5	2.9	4.8	1.1	9.1	13.4	*	12.9	20.3	5.3
Other and unspecified nontransport accidents and their sequelae	(W20–W31,W35–W64, W75–W99,X10–X39, X50–X59,Y86)	5.1	6.8	3.5	5.3	7.1	3.7	6.1	8.3	4.3	10.2	15.3	5.6	2.0	2.7	1.4	4.1	*	*	3.4	4.8	2.0
Intentional self-harm (suicide)	(*U03, X60–X84,Y87.0)	13.9	22.4	6.0	17.7	28.0	7.7	7.5	12.5	2.9	22.5	33.0	12.1	6.7	10.1	3.7	14.4	22.1	*	7.3	11.6	3.0
Intentional self-harm (suicide) by discharge of firearms	(X72–X74)	6.8	12.3	1.8	9.0	15.9	2.6	3.7	7.0	0.8	6.3	10.6	2.1	1.6	2.9	0.4	3.3	*	*	2.6	4.6	0.6
Intentional self-harm (suicide) by other and unspecified means and their sequelae	(*U03, X60–X71,X75–X84,Y87.0)	7.1	10.1	4.1	8.6	12.2	5.1	3.8	5.5	2.1	16.2	22.4	10.0	5.1	7.2	3.3	11.1	16.3	*	4.7	7.0	2.3

See footnotes at end of table.

Table I-13. Age-adjusted death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

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Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Assault (homicide).....																					
(*U01-*U02,X85-Y09,Y87.1)	6.0	9.6	2.4	2.7	3.7	1.7	23.7	41.8	6.3	12.2	17.7	6.6	1.5	2.0	1.0	6.5	9.5	*	5.0	7.9	2.0
Assault (homicide) by discharge of firearms (*U01.4,X93-X95)	4.6	7.7	1.4	1.7	2.4	0.9	20.0	36.4	4.2	6.4	9.8	3.0	0.9	1.3	0.5	4.6	6.9	*	3.6	6.0	1.1
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)	1.4	1.9	1.0	1.0	1.3	0.8	3.6	5.4	2.1	5.7	8.0	3.6	0.6	0.7	0.5	*	*	*	1.4	1.9	0.8
Legal intervention																					
(Y35,Y89.0)	0.2	0.4	0.0	0.2	0.3	0.0	0.4	0.7	*	0.9	1.8	*	*	*	*	*	*	*	0.2	0.4	*
Events of undetermined intent																					
(Y10-Y34, Y87.2,Y89.9)	1.7	2.3	1.1	1.9	2.4	1.4	3.1	4.7	1.6	2.9	4.0	1.9	0.4	0.6	0.2	*	*	*	0.7	1.1	0.4
Discharge of firearms, undetermined intent																					
(Y22-Y24)	0.1	0.2	0.0	0.1	0.2	0.1	0.2	0.3	*	*	*	*	*	*	*	*	*	*	0.1	0.1	*
Other and unspecified events of undetermined intent and their sequelae.....(Y10-Y21, Y25-Y34,Y87.2,Y89.9)	1.6	2.1	1.1	1.8	2.2	1.3	2.9	4.4	1.5	2.8	3.8	1.9	0.4	0.6	0.2	*	*	*	0.7	1.0	0.3
Operations of war and their sequelae.....(Y36,Y89.1)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Complications of medical and surgical care																					
(Y40-Y84,Y88)	1.3	1.6	1.1	1.4	1.6	1.1	2.0	2.3	1.7	1.5	*	*	0.5	0.7	0.4	*	*	*	1.1	1.2	1.0

Table I-13. Age-adjusted death rates for 113 selected causes, Enterocolitis due to *Clostridium difficile*, drug-induced causes, alcohol-induced causes, and firearm-related injuries, by race and Hispanic origin and sex: United States, 2019—Con.

[Age-adjusted rates are per 100,000 U.S. standard population; see Technical Notes in this report. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Data for some race or Hispanic-origin categories should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys; see Technical Notes. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes]

Cause of death (based on ICD-10)	Total ¹			Non-Hispanic, single-race white ²			Non-Hispanic, single-race black ²			Non-Hispanic, single-race American Indian or Alaska Native ²			Non-Hispanic, single-race Asian ²			Non-Hispanic, single-race Hawaiian or Other Pacific Islander ²			Hispanic ³		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Enterocolitis due to <i>Clostridium difficile</i>.....(A04.7)⁴																					
1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.0	1.2	2.0	*	2.1	0.4	0.4	0.4	*	*	*	1.0	1.0	0.9	
Drug-induced deaths ^{5,6}	22.8	31.1	14.5	27.4	36.1	18.7	26.1	39.9	14.2	33.0	40.0	26.2	3.5	5.5	1.7	10.8	15.4	*	13.4	20.5	6.0
Drug overdose deaths ^{5,7}	21.6	29.6	13.7	26.2	34.5	17.6	24.8	37.7	13.4	30.5	36.6	24.5	3.3	5.2	1.6	9.5	13.4	*	12.7	19.5	5.7
Alcohol-induced deaths ^{5,8}	10.4	15.2	5.9	11.2	15.8	6.8	7.6	11.9	4.2	54.0	65.7	43.3	2.3	3.9	0.9	4.3	7.0	*	10.6	17.8	3.8
Firearm-related injuries ^{5,9}	11.9	20.7	3.4	11.1	19.0	3.6	24.5	44.8	5.1	13.8	22.5	5.3	2.5	4.4	0.8	8.6	14.0	*	6.6	11.2	1.9

0.0 Quantity more than zero but less than 0.05.

* Rate does not meet National Center for Health Statistics standards of reliability; see Technical Notes.

... Category not applicable.

¹Includes deaths with origin not stated, origin not classifiable, and two or more races reported; see Technical Notes.

²Only one race was reported on the death certificate; see Technical Notes.

³Includes persons of Hispanic origin of any race; see Technical Notes.

⁴Included in "Certain other intestinal infections (A04,A07–A09)" shown above. Beginning with data year 2006, Enterocolitis due to *Clostridium difficile* (A04.7) is shown separately at the bottom of tables showing 113 selected causes and is included in the list of rankable causes; see Technical Notes.

⁵Included in selected categories above.

⁶Includes ICD-10 codes D52.1,D59.0, D59.2, D61.1, D64.2, E06.4, E16.0, E23.1, E24.2, E27.3, E66.1, F11.1–F11.5, F11.7–F11.9, F12.1–F12.5, F12.7–F12.9, F13.1–F13.5, F13.7–F13.9, F14.1–F14.5, F14.7–F14.9, F15.1–F15.5, F15.7–F15.9, F16.1–F16.5, F16.7–16.9, F17.3–F17.5, F17.7–F17.9, F18.1–F18.5, F18.7–F18.9, F19.1–F19.5, F19.7–F19.9, G21.1, G24.0, G25.1, G25.4, G25.6, G44.4, G62.0, G72.0, I95.2, J70.2–J70.4, K85.3, L10.5, L27.0–L27.1, M10.2, M32.0, M80.4, M81.4, M83.5, M87.1, R50.2, R78.1–R78.5, X40–X44, X60–X64, X85, and Y10–Y14.

⁷Includes ICD-10 codes X40–X44, X60–X64, X85, and Y10–Y14.

⁸Includes ICD-10 codes E24.4, F10, G31.2, G62.1, G72.1, I42.6, K29.2, K70, K85.2, K86.0, R78.0, X45, X65, and Y15.

⁹Includes ICD-10 codes *U01.4, W32–W34, X72–X74, X93–X95, Y22–Y24, and Y35.0.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I-14. Number of deaths, death rates, and age-adjusted death rates for injury deaths, by mechanism and intent of death: United States, 2019

[Totals for selected causes of death differ from those shown in other tables that use standard mortality tabulation lists; see Technical Notes in this report. Rates are per 100,000 population; age-adjusted rates are per 100,000 U.S. standard population; see Technical Notes. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes. Figure(s) in brackets [] applies to the code or range of codes preceding it. Asterisks (*) preceding cause-of-death codes indicate they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes]

Table I-14. Number of deaths, death rates, and age-adjusted death rates for injury deaths, by mechanism and intent of death: United States, 2019—Con.

[Totals for selected causes of death differ from those shown in other tables that use standard mortality tabulation lists; see Technical Notes in this report. Rates are per 100,000 population; age-adjusted rates are per 100,000 U.S. standard population; see Technical Notes. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes. Figure(s) in brackets [] applies to the code or range of codes preceding it. Asterisks (*) preceding cause-of-death codes indicate they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes]

Mechanism and intent of death (based on ICD-10)	Number	Rate	Age-adjusted rate ¹
All transport (*U01.1,V01–V99,X82,Y03,Y32,Y36.1)	41,404	12.6	12.1
Unintentional (V01–V99)	41,143	12.5	12.1
Suicide (X82)	171	0.1	0.1
Homicide (*U01.1,Y03)	68	0.0	0.0
Undetermined (Y32)	22	0.0	0.0
Legal intervention/war (Y36.1)	—	*	*
Motor vehicle traffic (V02–V04[1.,9],V09.2,V12–V14[3–9], V19[4–6],V20–V28[3–9],V29–V79[4–9], V80[3–5],V81.1,V82.1,V83–V86[0–3],V87[0–8],V89.2) ³	37,595	11.5	11.1
Occupant (V30–V79[4–9],V83–V86[0–3]) ³	8,760	2.7	2.6
Motorcyclist (V20–V28[3–9],V29[4–9]) ³	4,576	1.4	1.4
Pedal cyclist (V12–V14[3–9],V19[4–6]) ³	712	0.2	0.2
Pedestrian (V02–V04[1.,9],V09.2) ³	6,681	2.0	2.0
Other (V80[3–5],V81.1,V82.1) ³	10	*	*
Unspecified (V87[0–8],V89.2) ³	16,856	5.1	5.0
Pedal cyclist, other (V10–V11,V12–V14[0–2],V15–V18,V19[0–3,8,9]) ³	377	0.1	0.1
Pedestrian, other (V01,V02–V04[0],V05,V06,V09[0,1,3,9]) ³	987	0.3	0.3
Other land transport (V20–V28[0–2],V29–V79[0–3],V80[0–2,6–9], V81–V82[0,2–9],V83–V86[4–9],V87.9,V88[0–9], V89[0,1,3,9],X82,Y03,Y32)	1,514	0.5	0.4
Unintentional (V20–V28[0–2],V29–V79[0–3],V80[0–2,6–9], V81–V82[0,2–9],V83–V86[4–9],V87.9,V88[0–9],V89[0,1,3,9])	1,253	0.4	0.3
Suicide (X82)	171	0.1	0.1
Homicide (Y03)	68	0.0	0.0
Undetermined (Y32)	22	0.0	0.0
Other transport (*U01.1,V90–V99,Y36.1)	931	0.3	0.3
Unintentional (V90–V99)	931	0.3	0.3
Homicide (*U01.1)	—	*	*
Legal intervention/war (Y36.1)	—	*	*
Natural/environmental (W42–W43,W53–W64,W92–W99,X20–X39,X51–X57) ³	2,114	0.6	0.6
Overexertion (X50) ³	14	*	*
Poisoning (*U01[.6–7],X40–X49,X60–X69,X85–X90,Y10–Y19,Y35.2)	75,795	23.1	23.2
Unintentional (X40–X49)	65,773	20.0	20.2
Suicide (X60–X69)	6,125	1.9	1.8
Homicide (*U01[.6–7],X85–X90)	159	0.0	0.0
Undetermined (Y10–Y19)	3,736	1.1	1.1
Legal intervention/war (Y35.2)	2	*	*
Struck by or against (W20–W22,W50–W52,X79,Y00,Y04,Y29,Y35.3)	1,075	0.3	0.3
Unintentional (W20–W22,W50–W52)	874	0.3	0.2
Suicide (X79)	1	*	*
Homicide (Y00,Y04)	199	0.1	0.1
Undetermined (Y29)	1	*	*
Legal intervention/war (Y35.3)	—	*	*
Suffocation (W75–W84,X70,X91,Y20)	21,250	6.5	6.3
Unintentional (W75–W84)	7,076	2.2	1.9
Suicide (X70)	13,563	4.1	4.2
Homicide (X91)	455	0.1	0.1
Undetermined (Y20)	156	0.0	0.0
Other specified, classifiable (*U01[.0,2,.5],*U03.0,W23, W35–W41,W44,W49,W85–W91,X75,X81,X96,Y02, Y05–Y07,Y25,Y31,Y35[1.,5],Y36[0.,2,4–8],Y85)	2,416	0.7	0.7
Unintentional (W23,W35–W41,W44,W49,W85–W91,Y85)	1,492	0.5	0.4
Suicide (*U03.0,X75,X81)	689	0.2	0.2
Homicide (*U01[.0,2,.5],X96,Y02,Y05–Y07)	170	0.1	0.1
Undetermined (Y25,Y31)	45	0.0	0.0
Legal intervention/war (Y35[1.,5],Y36[0.,2,4–8])	20	0.0	0.0

Table I-14. Number of deaths, death rates, and age-adjusted death rates for injury deaths, by mechanism and intent of death: United States, 2019—Con.

[Totals for selected causes of death differ from those shown in other tables that use standard mortality tabulation lists; see Technical Notes in this report. Rates are per 100,000 population; age-adjusted rates are per 100,000 U.S. standard population; see Technical Notes. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes. Figure(s) in brackets [] applies to the code or range of codes preceding it. Asterisks (*) preceding cause-of-death codes indicate they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes]

Mechanism and intent of death (based on ICD-10)	Number	Rate	Age-adjusted rate ¹
Other specified, not elsewhere classified (*U01.8,*U02,X58,X83,Y08,Y33,Y35.6,Y86–Y87,Y89[.0,.1])	2,155	0.7	0.6
Unintentional (X58,Y86)	1,128	0.3	0.3
Suicide (X83,Y87.0)	144	0.0	0.0
Homicide (*U01.8,*U02,Y08,Y87.1)	567	0.2	0.2
Undetermined (Y33,Y87.2)	194	0.1	0.0
Legal intervention/war (Y35.6,Y89[.0,.1])	122	0.0	0.0
Unspecified. (*U01.9,*U03.9,X59,X84,Y09,Y34,Y35.7,Y36.9,Y89.9)	8,298	2.5	2.2
Unintentional (X59)	6,369	1.9	1.6
Suicide (*U03.9,X84)	80	0.0	0.0
Homicide (*U01.9,Y09)	1,247	0.4	0.4
Undetermined (Y34,Y89.9)	600	0.2	0.2
Legal intervention/war (Y35.7,Y36.9)	2	*	*

0.0 Quantity more than zero but less than 0.05.

— Quantity zero.

* Rate does not meet National Center for Health Statistics standards of reliability; see Technical Notes.

¹For method of computation, see Technical Notes.

²Codes *U01.3 and Y36.3 cannot be divided separately into the subcategories shown below; therefore, subcategories may not add to the total.

³Intent of death is unintentional.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I-15. Number of deaths, death rates, and age-adjusted death rates for major causes of death: United States, each state, Puerto Rico, U.S. Virgin Islands, Guam, American Samoa, and Northern Marianas, 2019

[Rates per 100,000 population; age-adjusted rates per 100,000 U.S. standard population; see Technical Notes in this report. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes. Codes in parentheses after causes of death are categories of the *International Classification of Diseases, 10th Revision* (ICD-10). Asterisks (*) preceding cause-of-death codes indicate they are not part of ICD-10; see Technical Notes]

Area	All causes			Human immunodeficiency virus (HIV) disease (B20–B24)			Malignant neoplasms (C00–C97)			Diabetes mellitus (E10–E14)		
	Number	Rate	Age-adjusted rate ¹	Number	Rate	Age-adjusted rate ¹	Number	Rate	Age-adjusted rate ¹	Number	Rate	Age-adjusted rate ¹
United States ²	2,854,838	869.7	715.2	5,044	1.5	1.4	599,601	182.7	146.2	87,647	26.7	21.6
Alabama	54,108	1,103.5	897.8	88	1.8	1.8	10,266	209.4	160.8	1,224	25.0	19.8
Alaska	4,613	630.6	700.9	3	* ³	*	1,021	139.6	146.9	111	15.2	16.2
Arizona	60,236	827.6	660.5	68	0.9	0.9	12,503	171.8	131.1	2,173	29.9	23.4
Arkansas	32,888	1,089.8	876.1	61	2.0	1.9	6,482	214.8	165.7	1,144	37.9	29.8
California	269,831	682.9	601.8	589	1.5	1.4	59,512	150.6	131.6	9,854	24.9	21.8
Colorado	39,390	684.0	647.8	40	0.7	0.6	7,986	138.7	125.9	1,046	18.2	16.4
Connecticut	31,745	890.4	648.7	55	1.5	1.2	6,496	182.2	131.9	761	21.3	15.6
Delaware	9,302	955.3	728.6	17	* ³	*	2,074	213.0	151.9	267	27.4	20.5
District of Columbia	4,927	698.1	703.2	70	9.9	9.9	1,025	145.2	148.0	128	18.1	19.4
Florida	207,002	963.8	649.4	694	3.2	2.8	45,583	212.2	139.1	6,174	28.7	19.3
Georgia	85,814	808.2	772.1	290	2.7	2.6	17,756	167.2	151.4	2,375	22.4	20.5
Hawaii	11,559	816.4	573.3	9	* ³	*	2,500	176.6	127.3	311	22.0	15.8
Idaho	14,430	807.5	714.4	5	* ³	*	2,928	163.8	138.1	422	23.6	20.2
Illinois	109,096	860.9	704.4	118	0.9	0.8	23,902	188.6	151.9	2,825	22.3	18.1
Indiana	66,001	980.4	824.6	62	0.9	0.9	13,515	200.8	163.4	2,045	30.4	25.0
Iowa	30,867	978.3	732.2	19	* ³	*	6,335	200.8	150.9	861	27.3	20.2
Kansas	27,682	950.2	765.9	24	0.8	0.8	5,619	192.9	153.8	884	30.3	24.4
Kentucky	48,990	1,096.5	911.2	39	0.9	0.8	9,975	223.3	176.4	1,611	36.1	29.1
Louisiana	45,938	988.2	857.0	124	2.7	2.5	9,485	204.0	168.1	1,458	31.4	26.5
Maine	15,065	1,120.7	759.7	14	* ³	*	3,413	253.9	164.2	477	35.5	23.6
Maryland	50,800	840.3	704.7	185	3.1	2.6	10,743	177.7	144.4	1,514	25.0	20.5
Massachusetts	58,630	850.6	656.1	60	0.9	0.7	12,582	182.5	139.9	1,383	20.1	15.3
Michigan	99,084	992.1	772.0	72	0.7	0.6	20,923	209.5	157.1	2,916	29.2	22.2
Minnesota	45,514	807.0	649.2	22	0.4	0.3	10,042	178.1	142.2	1,404	24.9	19.8
Mississippi	32,964	1,107.6	945.1	77	2.6	2.5	6,587	221.3	179.1	1,159	38.9	32.5
Missouri	62,401	1,016.7	801.1	58	0.9	0.9	12,873	209.7	159.7	1,658	27.0	20.9
Montana	10,402	973.3	739.2	4	* ³	*	2,099	196.4	140.9	282	26.4	20.0
Nebraska	16,970	877.3	714.2	11	* ³	*	3,482	180.0	147.4	540	27.9	23.0
Nevada	25,586	830.7	740.5	53	1.7	1.6	5,434	176.4	149.0	836	27.1	23.1
New Hampshire	12,744	937.3	700.0	9	* ³	*	2,819	207.3	147.4	363	26.7	19.3
New Jersey	75,010	844.5	657.3	183	2.1	1.7	15,698	176.7	136.5	1,934	21.8	16.7
New Mexico	19,512	930.5	761.8	19	* ³	*	3,614	172.4	131.9	673	32.1	25.4
New York	156,375	803.8	616.2	425	2.2	1.8	33,655	173.0	132.9	4,564	23.5	18.0
North Carolina	95,881	914.2	767.3	162	1.5	1.3	19,951	190.2	152.0	3,124	29.8	24.1
North Dakota	6,702	879.5	709.5	2	* ³	*	1,316	172.7	140.7	183	24.0	20.0
Ohio	123,717	1,058.4	827.1	107	0.9	0.8	25,170	215.3	163.0	3,873	33.1	25.4
Oklahoma	40,930	1,034.4	880.4	63	1.6	1.5	8,309	210.0	173.0	1,306	33.0	28.0
Oregon	37,370	886.0	697.6	35	0.8	0.8	8,080	191.6	145.0	1,266	30.0	22.9
Pennsylvania	133,983	1,046.6	750.7	110	0.9	0.7	27,746	216.7	153.5	3,654	28.5	20.4
Rhode Island	10,256	968.1	709.9	9	* ³	*	2,210	208.6	153.6	265	25.0	18.3
South Carolina	50,962	989.8	804.0	121	2.4	2.1	10,487	203.7	154.0	1,610	31.3	24.4
South Dakota	8,270	934.8	739.5	7	* ³	*	1,737	196.3	153.4	287	32.4	26.8
Tennessee	71,935	1,053.3	882.7	116	1.7	1.6	14,382	210.6	167.0	2,161	31.6	25.9
Texas	203,362	701.3	717.8	523	1.8	1.8	41,489	143.1	141.4	6,889	23.8	23.6
Utah	18,736	584.4	686.6	9	* ³	*	3,289	102.6	117.2	692	21.6	25.0
Vermont	5,956	954.5	680.2	5	* ³	*	1,378	220.8	150.4	136	21.8	15.5
Virginia	70,325	823.9	703.3	102	1.2	1.1	15,045	176.3	144.9	2,350	27.5	22.8
Washington	58,263	765.1	667.3	65	0.9	0.8	12,960	170.2	143.4	1,842	24.2	20.5
West Virginia	23,404	1,305.9	945.4	16	* ³	*	4,604	256.9	175.0	952	53.1	36.2
Wisconsin	54,189	930.7	721.6	24	0.4	0.3	11,505	197.6	149.6	1,548	26.6	20.2
Wyoming	5,121	884.8	739.2	1	* ³	*	1,016	175.5	138.9	132	22.8	18.5
Puerto Rico	29,362	919.4	612.1	153	4.8	4.1	5,038	157.7	103.1	3,054	95.6	61.1
U.S. Virgin Islands	---	---	---	---	---	---	---	---	---	---	---	---
Guam	1,002	595.9	835.5	3	* ³	*	167	99.3	124.5	19	* ³	* ³
American Samoa	---	---	---	---	---	---	---	---	---	---	---	---
Northern Marianas	209	401.6	723.8	-	* ³	*	35	67.2	123.0	16	* ³	* ³

See footnotes at end of table.

Table I-15. Number of deaths, death rates, and age-adjusted death rates for major causes of death: United States, each state, Puerto Rico, U.S. Virgin Islands, Guam, American Samoa, and Northern Marianas, 2019—Con.

[Rates per 100,000 population; age-adjusted rates per 100,000 U.S. standard population; see Technical Notes in this report. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes. Codes in parentheses after causes of death are categories of the *International Classification of Diseases, 10th Revision* (ICD-10). Asterisks (*) preceding cause-of-death codes indicate they are not part of ICD-10; see Technical Notes]

Area	Parkinson disease (G20–G21)			Alzheimer disease (G30)			Diseases of heart (I00–I09, I11, I13, I20–I51)			Essential hypertension and hypertensive renal disease (I10, I12, I15)		
	Number	Rate	Age-adjusted rate ¹	Number	Rate	Age-adjusted rate ¹	Number	Rate	Age-adjusted rate ¹	Number	Rate	Age-adjusted rate ¹
United States ²	35,311	10.8	8.8	121,499	37.0	29.8	659,041	200.8	161.5	36,524	11.1	8.9
Alabama	571	11.6	9.3	2,659	54.2	44.6	13,448	274.3	219.6	624	12.7	10.3
Alaska	32	4.4	5.8	128	17.5	25.3	843	115.2	129.7	55	7.5	8.7
Arizona	807	11.1	8.5	3,047	41.9	32.3	12,587	172.9	134.0	1,010	13.9	10.7
Arkansas	374	12.4	9.8	1,507	49.9	39.5	8,669	287.3	226.5	363	12.0	9.5
California	3,874	9.8	8.8	16,859	42.7	37.0	62,394	157.9	136.9	5,598	14.2	12.2
Colorado	592	10.3	10.4	1,909	33.1	33.4	7,762	134.8	127.7	406	7.1	6.7
Connecticut	362	10.2	7.2	967	27.1	18.1	7,354	206.3	143.1	330	9.3	6.2
Delaware	94	9.7	7.0	339	34.8	25.9	2,053	210.8	154.3	93	9.6	6.9
District of Columbia	46	6.5	6.8	81	11.5	11.3	1,187	168.2	169.5	111	15.7	15.9
Florida	2,666	12.4	7.6	6,539	30.4	18.3	47,144	219.5	140.1	2,740	12.8	8.2
Georgia	1,020	9.6	9.8	4,221	39.8	41.9	19,543	184.1	175.5	1,183	11.1	10.5
Hawaii	175	12.4	8.2	471	33.3	19.1	2,503	176.8	120.3	155	10.9	7.1
Idaho	220	12.3	10.9	650	36.4	33.2	3,061	171.3	150.7	125	7.0	6.1
Illinois	1,386	10.9	8.9	3,954	31.2	24.5	25,690	202.7	162.0	1,283	10.1	8.0
Indiana	798	11.9	9.9	2,561	38.0	31.6	14,555	216.2	178.8	860	12.8	10.4
Iowa	393	12.5	9.0	1,344	42.6	29.2	7,505	237.9	172.9	407	12.9	9.4
Kansas	385	13.2	10.5	839	28.8	21.9	6,140	210.8	166.0	280	9.6	7.4
Kentucky	507	11.3	9.6	1,684	37.7	32.1	10,742	240.4	196.4	378	8.5	7.1
Louisiana	460	9.9	8.7	2,165	46.6	41.4	11,302	243.1	207.8	311	6.7	5.8
Maine	210	15.6	10.0	544	40.5	25.9	2,940	218.7	142.4	120	8.9	5.8
Maryland	595	9.8	8.4	1,012	16.7	13.8	11,770	194.7	159.3	612	10.1	8.3
Massachusetts	721	10.5	8.0	1,663	24.1	17.7	11,761	170.6	127.2	700	10.2	7.6
Michigan	1,215	12.2	9.4	4,467	44.7	33.9	25,547	255.8	193.8	1,068	10.7	8.1
Minnesota	735	13.0	10.5	2,552	45.3	34.9	8,401	149.0	116.7	705	12.5	9.5
Mississippi	333	11.2	9.6	1,662	55.8	48.8	7,997	268.7	226.7	484	16.3	13.7
Missouri	736	12.0	9.2	2,782	45.3	34.1	15,018	244.7	187.0	472	7.7	5.9
Montana	109	10.2	7.6	326	30.5	22.6	2,290	214.3	157.1	85	8.0	5.7
Nebraska	263	13.6	11.1	768	39.7	30.3	3,540	183.0	144.9	294	15.2	11.8
Nevada	241	7.8	7.2	678	22.0	21.6	6,864	222.8	198.1	363	11.8	10.5
New Hampshire	187	13.8	10.4	511	37.6	27.8	2,707	199.1	143.4	106	7.8	5.5
New Jersey	859	9.7	7.5	2,629	29.6	21.7	18,716	210.7	158.0	893	10.1	7.6
New Mexico	217	10.3	8.1	568	27.1	21.3	4,245	202.4	158.2	145	6.9	5.2
New York	1,592	8.2	6.2	3,753	19.3	13.7	43,806	225.2	166.6	2,788	14.3	10.6
North Carolina	1,132	10.8	9.1	4,508	43.0	36.9	19,617	187.0	154.7	1,009	9.6	8.0
North Dakota	85	11.2	8.6	403	52.9	37.6	1,448	190.0	147.7	127	16.7	12.1
Ohio	1,470	12.6	9.7	5,234	44.8	33.6	29,160	249.5	188.8	1,395	11.9	8.9
Oklahoma	426	10.8	9.1	1,775	44.9	37.9	10,960	277.0	231.4	374	9.5	7.9
Oregon	515	12.2	9.6	1,992	47.2	37.2	7,128	169.0	131.0	634	15.0	11.5
Pennsylvania	1,610	12.6	8.7	4,150	32.4	21.2	32,299	252.3	172.9	1,128	8.8	6.0
Rhode Island	134	12.6	9.1	456	43.0	28.9	2,404	226.9	159.3	88	8.3	5.9
South Carolina	571	11.1	8.9	2,323	45.1	37.9	10,579	205.5	164.0	555	10.8	8.6
South Dakota	90	10.2	7.8	495	56.0	40.5	1,840	208.0	158.1	126	14.2	10.6
Tennessee	843	12.3	10.4	3,252	47.6	41.1	16,814	246.2	202.8	770	11.3	9.3
Texas	2,597	9.0	9.8	10,101	34.8	38.6	46,139	159.1	163.4	2,419	8.3	8.7
Utah	301	9.4	11.7	980	30.6	39.0	3,882	121.1	146.5	168	5.2	6.3
Vermont	82	13.1	9.4	315	50.5	35.1	1,368	219.2	151.6	109	17.5	12.0
Virginia	893	10.5	9.1	2,631	30.8	26.9	15,062	176.5	149.1	815	9.5	8.1
Washington	801	10.5	9.4	3,585	47.1	42.2	11,862	155.8	134.8	761	10.0	8.7
West Virginia	210	11.7	8.1	832	46.4	32.3	5,087	283.8	197.4	308	17.2	12.0
Wisconsin	728	12.5	9.7	2,390	41.0	30.5	12,241	210.2	158.8	552	9.5	7.1
Wyoming	48	8.3	7.1	238	41.1	34.4	1,067	184.4	150.4	39	6.7	5.6
Puerto Rico	206	6.5	3.9	2,309	72.3	41.8	5,306	166.1	104.0	486	15.2	9.3
U.S. Virgin Islands	---	---	---	---	---	---	---	---	---	---	---	---
Guam	6	*	*	7	*	*	335	199.2	288.7	2	*	*
American Samoa	---	---	---	---	---	---	---	---	---	---	---	---
Northern Marianas	1	*	*	-	*	*	49	94.1	182.7	3	*	*

See footnotes at end of table.

Table I-15. Number of deaths, death rates, and age-adjusted death rates for major causes of death: United States, each state, Puerto Rico, U.S. Virgin Islands, Guam, American Samoa, and Northern Marianas, 2019—Con.

[Rates per 100,000 population; age-adjusted rates per 100,000 U.S. standard population; see Technical Notes in this report. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes. Codes in parentheses after causes of death are categories of the *International Classification of Diseases, 10th Revision* (ICD-10). Asterisks (*) preceding cause-of-death codes indicate they are not part of ICD-10; see Technical Notes]

Area	Cerebrovascular diseases (I60–I69)			Influenza and pneumonia (J09–J18)			Chronic lower respiratory diseases (J40–J47)			Chronic liver disease and cirrhosis (K70,K73–K74)		
	Number	Rate	Age- adjusted rate ¹	Number	Rate	Age- adjusted rate ¹	Number	Rate	Age- adjusted rate ¹	Number	Rate	Age- adjusted rate ¹
United States ²	150,005	45.7	37.0	49,783	15.2	12.3	156,979	47.8	38.2	44,358	13.5	11.3
Alabama	3,141	64.1	51.5	1,018	20.8	16.6	3,530	72.0	55.6	831	16.9	13.6
Alaska	210	28.7	34.9	45	6.2	7.1	202	27.6	30.4	110	15.0	14.5
Arizona	2,851	39.2	30.2	955	13.1	10.3	3,685	50.6	38.1	1,217	16.7	14.5
Arkansas	1,561	51.7	40.7	623	20.6	16.6	2,364	78.3	60.2	464	15.4	12.9
California	16,851	42.6	37.3	5,664	14.3	12.5	13,096	33.1	29.0	5,575	14.1	12.5
Colorado	1,990	34.6	33.7	468	8.1	7.8	2,516	43.7	40.8	960	16.7	14.9
Connecticut	1,375	38.6	26.7	563	15.8	11.0	1,399	39.2	27.8	418	11.7	8.9
Delaware	594	61.0	45.1	132	13.6	10.5	474	48.7	35.2	118	12.1	9.3
District of Columbia	271	38.4	39.0	78	11.1	10.8	135	19.1	18.9	64	9.1	8.7
Florida	13,902	64.7	40.4	2,705	12.6	8.2	12,014	55.9	35.0	3,192	14.9	11.1
Georgia	4,539	42.8	41.9	1,299	12.2	11.8	4,749	44.7	42.1	1,230	11.6	10.0
Hawaii	807	57.0	37.1	366	25.8	16.8	367	25.9	17.6	126	8.9	7.2
Idaho	683	38.2	34.0	231	12.9	11.4	993	55.6	47.5	249	13.9	12.1
Illinois	6,153	48.6	38.8	2,108	16.6	13.4	5,539	43.7	35.0	1,463	11.5	9.7
Indiana	3,361	49.9	41.4	933	13.9	11.6	4,644	69.0	56.1	940	14.0	12.0
Iowa	1,412	44.8	32.1	585	18.5	13.2	1,879	59.6	43.8	357	11.3	9.5
Kansas	1,303	44.7	34.8	525	18.0	14.0	1,780	61.1	48.0	349	12.0	10.6
Kentucky	2,296	51.4	42.5	850	19.0	15.7	3,517	78.7	62.4	750	16.8	13.7
Louisiana	2,386	51.3	44.1	656	14.1	12.1	2,155	46.4	38.6	509	10.9	9.2
Maine	643	47.8	31.4	301	22.4	14.7	1,018	75.7	48.3	200	14.9	10.1
Maryland	3,049	50.4	41.8	827	13.7	11.4	2,155	35.6	29.2	573	9.5	7.8
Massachusetts	2,464	35.7	26.7	1,217	17.7	13.2	2,839	41.2	31.2	746	10.8	8.8
Michigan	5,178	51.8	39.3	1,662	16.6	12.8	5,792	58.0	43.4	1,437	14.4	11.8
Minnesota	2,365	41.9	33.0	539	9.6	7.5	2,273	40.3	32.0	696	12.3	10.7
Mississippi	1,851	62.2	52.1	789	26.5	22.6	2,078	69.8	56.8	457	15.4	13.0
Missouri	3,031	49.4	37.7	1,038	16.9	13.1	3,790	61.8	46.7	743	12.1	10.1
Montana	413	38.6	28.8	153	14.3	10.5	759	71.0	50.8	180	16.8	15.0
Nebraska	769	39.8	31.5	355	18.4	14.5	1,117	57.7	46.1	241	12.5	11.3
Nevada	1,284	41.7	37.9	458	14.9	13.3	1,661	53.9	47.3	492	16.0	13.4
New Hampshire	526	38.7	28.5	194	14.3	10.3	741	54.5	39.2	193	14.2	11.0
New Jersey	3,550	40.0	30.3	1,270	14.3	10.9	3,053	34.4	26.3	853	9.6	7.8
New Mexico	886	42.3	33.3	347	16.5	13.2	1,105	52.7	40.1	594	28.3	26.2
New York	6,192	31.8	23.8	4,286	22.0	16.5	7,118	36.6	27.5	1,670	8.6	7.0
North Carolina	5,202	49.6	41.5	1,733	16.5	13.8	5,411	51.6	41.5	1,443	13.8	11.3
North Dakota	308	40.4	31.7	141	18.5	14.3	338	44.4	35.0	116	15.2	15.2
Ohio	6,504	55.6	42.2	1,930	16.5	12.6	7,170	61.3	45.9	1,622	13.9	11.1
Oklahoma	1,803	45.6	38.4	640	16.2	13.7	3,003	75.9	62.4	705	17.8	15.6
Oregon	2,134	50.6	39.5	487	11.5	9.0	2,112	50.1	37.9	658	15.6	12.6
Pennsylvania	6,658	52.0	35.3	2,483	19.4	13.4	6,341	49.5	34.2	1,479	11.6	8.7
Rhode Island	407	38.4	26.9	178	16.8	11.7	499	47.1	34.0	141	13.3	11.0
South Carolina	2,703	52.5	42.2	686	13.3	10.8	2,899	56.3	43.1	826	16.0	12.8
South Dakota	372	42.1	32.2	187	21.1	15.9	521	58.9	45.1	154	17.4	17.1
Tennessee	3,435	50.3	41.8	1,332	19.5	16.2	4,556	66.7	53.2	1,118	16.4	13.7
Texas	10,807	37.3	39.0	3,158	10.9	11.3	10,797	37.2	38.6	4,359	15.0	14.3
Utah	912	28.4	34.7	300	9.4	11.2	843	26.3	31.1	261	8.1	8.8
Vermont	269	43.1	29.7	52	8.3	5.8	342	54.8	36.9	79	12.7	9.1
Virginia	3,828	44.8	38.3	1,100	12.9	11.0	3,665	42.9	35.8	1,037	12.1	10.0
Washington	3,032	39.8	35.0	877	11.5	10.0	3,045	40.0	33.9	1,089	14.3	12.3
West Virginia	1,035	57.8	40.2	402	22.4	16.1	1,673	93.4	62.0	394	22.0	16.9
Wisconsin	2,488	42.7	32.3	758	13.0	10.0	2,846	48.9	36.7	739	12.7	10.3
Wyoming	221	38.2	31.7	99	17.1	14.6	381	65.8	51.7	141	24.4	22.4
Puerto Rico	1,143	35.8	22.3	785	24.6	15.2	1,286	40.3	24.4	286	9.0	6.2
U.S. Virgin Islands	---	---	---	---	---	---	---	---	---	---	---	---
Guam	76	45.2	59.8	28	16.7	23.6	18	*	*	21	12.5	13.5
American Samoa	---	---	---	---	---	---	---	---	---	---	---	---
Northern Marianas	15	*	*	5	*	*	3	*	*	1	*	*

See footnotes at end of table.

Table I-15. Number of deaths, death rates, and age-adjusted death rates for major causes of death: United States, each state, Puerto Rico, U.S. Virgin Islands, Guam, American Samoa, and Northern Marianas, 2019—Con.

[Rates per 100,000 population; age-adjusted rates per 100,000 U.S. standard population; see Technical Notes in this report. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes. Codes in parentheses after causes of death are categories of the *International Classification of Diseases, 10th Revision* (ICD-10). Asterisks (*) preceding cause-of-death codes indicate they are not part of ICD-10; see Technical Notes]

Area	Nephritis, nephrotic syndrome, and nephrosis (N00–N07, N17–N19, N25–N27)			Accidents (unintentional injuries) (V01–X59, Y85–Y86)			Motor vehicle accidents ³			Intentional self-harm (suicide) (*U03, X60–X84, Y87.0)		
	Number	Rate	Age-adjusted rate ¹	Number	Rate	Age-adjusted rate ¹	Number	Rate	Age-adjusted rate ¹	Number	Rate	Age-adjusted rate ¹
United States ²	51,565	15.7	12.7	173,040	52.7	49.3	39,107	11.9	11.5	47,511	14.5	13.9
Alabama	1,007	20.5	16.4	2,755	56.2	54.1	1,012	20.6	20.4	804	16.4	16.3
Alaska	62	8.5	10.7	434	59.3	62.2	93	12.7	12.6	210	28.7	28.5
Arizona	760	10.4	8.1	4,558	62.6	58.7	977	13.4	13.0	1,419	19.5	18.7
Arkansas	635	21.0	16.7	1,527	50.6	48.0	556	18.4	18.2	548	18.2	18.0
California	4,006	10.1	8.8	15,116	38.3	35.9	4,013	10.2	9.7	4,436	11.2	10.7
Colorado	504	8.8	8.3	3,085	53.6	51.9	642	11.1	10.7	1,312	22.8	22.1
Connecticut	643	18.0	12.6	2,197	61.6	56.2	268	7.5	6.9	435	12.2	11.4
Delaware	210	21.6	15.7	728	74.8	73.9	133	13.7	13.4	111	11.4	11.3
District of Columbia	48	6.8	6.9	437	61.9	61.3	44	6.2	6.1	44	6.2	6.2
Florida	3,244	15.1	9.8	13,348	62.1	55.6	3,301	15.4	14.7	3,465	16.1	14.5
Georgia	2,023	19.1	18.1	4,563	43.0	42.2	1,537	14.5	14.2	1,585	14.9	14.6
Hawaii	220	15.5	10.8	651	46.0	39.2	121	8.5	8.4	224	15.8	15.5
Idaho	190	10.6	9.4	948	53.0	51.2	256	14.3	14.3	365	20.4	20.4
Illinois	2,553	20.1	16.2	6,095	48.1	45.0	1,150	9.1	8.7	1,439	11.4	10.9
Indiana	1,388	20.6	17.1	3,876	57.6	56.0	872	13.0	12.5	972	14.4	14.2
Iowa	430	13.6	10.1	1,538	48.7	42.3	367	11.6	11.0	528	16.7	16.7
Kansas	561	19.3	15.2	1,524	52.3	48.0	404	13.9	13.5	523	18.0	18.2
Kentucky	997	22.3	18.2	3,121	69.9	68.1	766	17.1	16.7	756	16.9	16.5
Louisiana	1,055	22.7	19.4	2,916	62.7	62.3	763	16.4	16.6	704	15.1	15.0
Maine	240	17.9	11.6	1,027	76.4	66.8	171	12.7	11.9	276	20.5	19.4
Maryland	736	12.2	10.0	2,425	40.1	36.6	554	9.2	8.9	657	10.9	10.3
Massachusetts	1,281	18.6	14.0	4,052	58.8	53.3	395	5.7	5.1	647	9.4	8.7
Michigan	1,853	18.6	14.2	5,422	54.3	50.0	1,073	10.7	10.3	1,472	14.7	14.3
Minnesota	526	9.3	7.4	2,859	50.7	44.9	450	8.0	7.7	830	14.7	14.4
Mississippi	771	25.9	21.8	1,894	63.6	61.2	750	25.2	25.0	436	14.6	14.4
Missouri	1,483	24.2	18.4	3,950	64.4	61.0	963	15.7	15.4	1,141	18.6	18.2
Montana	139	13.0	9.6	657	61.5	55.4	193	18.1	17.4	289	27.0	26.2
Nebraska	273	14.1	11.3	851	44.0	40.1	263	13.6	13.2	309	16.0	16.1
Nevada	303	9.8	8.7	1,437	46.7	44.1	306	9.9	9.5	642	20.8	19.8
New Hampshire	211	15.5	11.2	864	63.5	58.8	107	7.9	7.3	255	18.8	17.5
New Jersey	1,622	18.3	13.9	4,650	52.4	49.2	599	6.7	6.4	762	8.6	8.0
New Mexico	340	16.2	12.9	1,687	80.5	77.8	401	19.1	19.4	513	24.5	24.0
New York	2,565	13.2	9.9	7,390	38.0	34.3	1,119	5.8	5.3	1,705	8.8	8.3
North Carolina	2,121	20.2	16.7	6,190	59.0	56.1	1,602	15.3	14.7	1,358	12.9	12.5
North Dakota	107	14.0	10.9	371	48.7	45.0	102	13.4	13.6	136	17.8	18.1
Ohio	2,164	18.5	14.1	8,287	70.9	67.7	1,282	11.0	10.6	1,806	15.5	15.1
Oklahoma	527	13.3	11.2	2,439	61.6	58.0	690	17.4	17.0	816	20.6	20.5
Oregon	437	10.4	8.0	2,213	52.5	46.1	534	12.7	11.8	906	21.5	20.4
Pennsylvania	2,975	23.2	16.0	8,596	67.1	61.2	1,130	8.8	8.3	1,896	14.8	14.1
Rhode Island	174	16.4	11.5	670	63.2	56.4	74	7.0	6.4	123	11.6	10.7
South Carolina	1,010	19.6	15.6	3,336	64.8	62.1	1,016	19.7	19.6	852	16.5	16.2
South Dakota	72	8.1	6.2	517	58.4	53.3	134	15.1	15.2	182	20.6	20.9
Tennessee	1,056	15.5	12.8	4,856	71.1	67.8	1,179	17.3	16.6	1,219	17.8	17.2
Texas	4,165	14.4	14.7	11,384	39.3	39.7	3,858	13.3	13.2	3,891	13.4	13.4
Utah	355	11.1	13.5	1,301	40.6	45.2	248	7.7	8.2	654	20.4	21.2
Vermont	32	5.1	3.6	405	64.9	56.4	57	9.1	8.5	110	17.6	16.0
Virginia	1,662	19.5	16.4	3,994	46.8	43.8	894	10.5	9.9	1,140	13.4	12.8
Washington	390	5.1	4.5	3,569	46.9	43.4	630	8.3	7.9	1,263	16.6	15.9
West Virginia	421	23.5	16.2	1,859	103.7	96.9	330	18.4	17.4	330	18.4	18.5
Wisconsin	957	16.4	12.6	4,087	70.2	61.1	616	10.6	10.1	845	14.5	14.0
Wyoming	61	10.5	8.3	384	66.3	63.1	112	19.4	19.5	170	29.4	29.3
Puerto Rico	812	25.4	16.1	961	30.1	25.2	319	10.0	9.4	203	6.4	5.9
U.S. Virgin Islands	---	---	---	---	---	---	---	---	---	---	---	---
Guam	31	18.4	32.6	33	19.6	23.5	17	*	*	29	17.2	19.7
American Samoa	---	---	---	---	---	---	---	---	---	---	---	---
Northern Marianas	6	*	*	14	*	*	2	*	*	9	*	*

See footnotes at end of table.

Table I-15. Number of deaths, death rates, and age-adjusted death rates for major causes of death: United States, each state, Puerto Rico, U.S. Virgin Islands, Guam, American Samoa, and Northern Marianas, 2019—Con.

[Rates per 100,000 population; age-adjusted rates per 100,000 U.S. standard population; see Technical Notes in this report. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes. Codes in parentheses after causes of death are categories of the *International Classification of Diseases, 10th Revision* (ICD-10). Asterisks (*) preceding cause-of-death codes indicate they are not part of ICD-10; see Technical Notes]

Area	Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)			Alcohol-induced causes ⁴			Drug-induced causes ⁵			Injury by firearms ⁶		
	Number	Rate	Age-adjusted rate ¹	Number	Rate	Age-adjusted rate ¹	Number	Rate	Age-adjusted rate ¹	Number	Rate	Age-adjusted rate ¹
United States ²	19,141	5.8	6.0	39,043	11.9	10.4	74,511	22.7	22.8	39,707	12.1	11.9
Alabama	587	12.0	12.8	425	8.7	7.5	906	18.5	18.7	1,076	21.9	22.2
Alaska	78	10.7	10.8	185	25.3	23.9	149	20.4	19.9	179	24.5	24.4
Arizona	414	5.7	5.9	1,286	17.7	16.1	2,016	27.7	28.2	1,136	15.6	15.1
Arkansas	270	8.9	9.4	342	11.3	10.3	404	13.4	14.0	580	19.2	19.3
California	1,794	4.5	4.5	5,345	13.5	12.2	6,668	16.9	16.1	2,945	7.5	7.2
Colorado	250	4.3	4.3	1,198	20.8	18.8	1,118	19.4	18.7	846	14.7	14.2
Connecticut	106	3.0	3.1	409	11.5	9.2	1,263	35.4	36.0	190	5.3	5.3
Delaware	53	5.4	6.1	106	10.9	8.9	442	45.4	48.7	93	9.6	9.9
District of Columbia	162	23.0	21.3	70	9.9	9.6	319	45.2	44.4	141	20.0	18.3
Florida	1,334	6.2	6.7	2,722	12.7	10.2	5,538	25.8	26.8	2,872	13.4	12.7
Georgia	849	8.0	8.1	940	8.9	7.8	1,502	14.1	13.9	1,695	16.0	15.8
Hawaii	35	2.5	2.5	96	6.8	5.9	266	18.8	17.5	62	4.4	4.4
Idaho	27	1.5	1.7	290	16.2	14.5	280	15.7	15.9	255	14.3	14.2
Illinois	979	7.7	8.1	1,137	9.0	7.9	2,846	22.5	22.3	1,367	10.8	10.8
Indiana	466	6.9	7.2	791	11.7	10.4	1,756	26.1	27.4	958	14.2	14.1
Iowa	80	2.5	2.7	408	12.9	11.7	374	11.9	12.1	294	9.3	9.1
Kansas	137	4.7	4.9	353	12.1	11.1	430	14.8	15.2	403	13.8	13.7
Kentucky	250	5.6	5.9	553	12.4	10.7	1,487	33.3	35.0	682	15.3	14.9
Louisiana	650	14.0	14.7	368	7.9	6.9	1,316	28.3	29.3	1,013	21.8	22.1
Maine	23	1.7	1.8	208	15.5	11.2	391	29.1	31.5	163	12.1	11.5
Maryland	578	9.6	10.0	430	7.1	6.2	2,421	40.0	39.0	757	12.5	12.6
Massachusetts	157	2.3	2.3	738	10.7	9.1	2,312	33.5	33.6	247	3.6	3.4
Michigan	612	6.1	6.5	1,193	11.9	10.2	2,565	25.7	26.3	1,220	12.2	12.1
Minnesota	154	2.7	2.8	828	14.7	12.9	886	15.7	15.6	465	8.2	8.1
Mississippi	434	14.6	15.4	240	8.1	7.0	431	14.5	14.9	710	23.9	24.2
Missouri	628	10.2	10.8	608	9.9	8.8	1,649	26.9	27.9	1,252	20.4	20.6
Montana	39	3.6	3.7	246	23.0	20.3	153	14.3	15.0	209	19.6	19.0
Nebraska	58	3.0	3.1	271	14.0	13.0	180	9.3	9.5	205	10.6	10.4
Nevada	166	5.4	5.5	546	17.7	15.1	690	22.4	21.4	490	15.9	15.3
New Hampshire	38	2.8	2.8	203	14.9	12.2	420	30.9	33.0	156	11.5	10.7
New Jersey	287	3.2	3.4	698	7.9	6.7	2,867	32.3	32.4	368	4.1	4.1
New Mexico	230	11.0	11.8	729	34.8	34.3	632	30.1	31.8	471	22.5	22.3
New York	601	3.1	3.2	1,581	8.1	7.0	3,814	19.6	19.2	804	4.1	3.9
North Carolina	707	6.7	7.0	1,176	11.2	9.6	2,378	22.7	23.3	1,397	13.3	13.1
North Dakota	21	2.8	3.1	149	19.6	19.7	95	12.5	13.1	93	12.2	12.4
Ohio	724	6.2	6.6	1,242	10.6	9.0	4,440	38.0	39.9	1,578	13.5	13.3
Oklahoma	333	8.4	8.8	659	16.7	15.1	680	17.2	17.5	737	18.6	18.6
Oregon	126	3.0	3.0	938	22.2	18.3	761	18.0	16.9	566	13.4	12.6
Pennsylvania	722	5.6	6.1	1,047	8.2	6.7	4,475	35.0	36.3	1,541	12.0	11.7
Rhode Island	23	2.2	2.5	139	13.1	11.5	312	29.5	30.2	48	4.5	4.6
South Carolina	527	10.2	11.0	620	12.0	9.9	1,181	22.9	23.6	1,012	19.7	19.9
South Dakota	29	3.3	3.6	191	21.6	21.2	90	10.2	11.0	113	12.8	13.1
Tennessee	596	8.7	9.2	936	13.7	11.7	2,219	32.5	33.1	1,270	18.6	18.4
Texas	1,694	5.8	5.9	2,656	9.2	8.7	3,355	11.6	11.5	3,683	12.7	12.7
Utah	82	2.6	2.6	290	9.0	9.8	614	19.2	20.4	394	12.3	12.8
Vermont	11	*	*	125	20.0	15.0	142	22.8	25.3	67	10.7	9.3
Virginia	436	5.1	5.3	773	9.1	7.8	1,621	19.0	19.1	1,025	12.0	11.7
Washington	241	3.2	3.2	1,264	16.6	14.3	1,416	18.6	17.7	842	11.1	10.7
West Virginia	92	5.1	5.7	252	14.1	11.6	934	52.1	56.6	300	16.7	16.6
Wisconsin	226	3.9	4.2	865	14.9	12.5	1,226	21.1	21.6	604	10.4	10.0
Wyoming	25	4.3	4.4	178	30.8	28.5	81	14.0	14.5	133	23.0	22.3
Puerto Rico	593	18.6	20.4	210	6.6	4.8	226	7.1	7.5	591	18.5	20.3
U.S. Virgin Islands	---	---	---	---	---	---	---	---	---	---	---	---
Guam	6	*	*	4	*	*	2	*	*	7	*	*
American Samoa	---	---	---	---	---	---	---	---	---	---	---	---
Northern Marianas	2	*	*	1	*	*	-	*	*	4	*	*

See footnotes at end of table.

Table I-15. Number of deaths, death rates, and age-adjusted death rates for major causes of death: United States, each state, Puerto Rico, U.S. Virgin Islands, Guam, American Samoa, and Northern Marianas, 2019—Con.

[Rates per 100,000 population; age-adjusted rates per 100,000 U.S. standard population; see Technical Notes in this report. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2019; see Technical Notes. Codes in parentheses after causes of death are categories of the *International Classification of Diseases, 10th Revision* (ICD-10). Asterisks (*) preceding cause-of-death codes indicate they are not part of ICD-10; see Technical Notes.]

* Rate does not meet National Center for Health Statistics standards of reliability; see Technical Notes.

--- Data not available.

— Quantity zero.

¹Death rates are affected by the population composition of the area. Age-adjusted death rates should be used for comparisons between areas; for method of computation, see Technical Notes.

²Excludes data for Puerto Rico, U.S. Virgin Islands, Guam, American Samoa, and Northern Marianas.

³ICD-10 codes for Motor vehicle accidents are 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, and V89.2; see Technical Notes.

⁴Causes of death attributable to alcohol-induced mortality include ICD-10 codes E24.4, F10, G31.2, G62.1, G72.1, I42.6, K29.2, K70, K85.2, K86.0, R78.0, X45, X65, and Y15; see Technical Notes.

⁵Causes of death attributable to drug-induced mortality include ICD-10 codes D52.1, D59.0, D59.2, D61.1, D64.2, E06.4, E16.0, E23.1, E24.2, E27.3, E66.1, F11.1–F11.5, F11.7–F11.9, F12.1–F12.5, F12.7–F12.9, F13.1–F13.5, F13.7–F13.9, F14.1–F14.5, F14.7–F14.9, F15.1–F15.5, F15.7–F15.9, F16.1–F16.5, F16.7–F16.9, F17.3–F17.5, F17.7–F17.9, F18.1–F18.5, F18.7–F18.9, F19.1–F19.5, F19.7–F19.9, G21.1, G24.0, G25.1, G25.4, G25.6, G44.4, G62.0, I95.2, J70.2–J70.4, K85.3, L10.5, L27.0–L27.1, M10.2, M32.0, M80.4, M81.4, M83.5, M87.1, R50.2, R78.1–R78.5, X40–X44, X60–X64, X85, and Y10–Y14; see Technical Notes.

⁶Causes of death attributable to Injury by firearms include ICD-10 codes *U01.4, W32–W34, X72–X74, X93–X95, Y22–Y24, and Y35.0; see Technical Notes.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I–16. Number of infant deaths and infant mortality rates for 130 selected causes, by race and Hispanic origin: United States, 2019

[Rates are infant deaths (under 1 year) per 100,000 live births in specified group. Infant deaths are based on race or Hispanic origin of decedent; live births are based on race or Hispanic origin of mother. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD–10); see Technical Notes in this report]

Cause of death (based on ICD–10)	Number				Rate			
	Total ¹	Non-Hispanic, single-race white ²	Non-Hispanic, single-race black ²	Hispanic ³	Total ¹	Non-Hispanic, single-race white ²	Non-Hispanic, single-race black ²	Hispanic ³
All causes.....	20,921	8,366	6,092	4,607	558.3	436.7	1,111.5	519.7
Certain infectious and parasitic diseases.....(A00–B99)	519	167	183	127	13.8	8.7	33.4	14.3
Certain intestinal infectious diseases.....(A00–A08)	10	2	6	2	*	*	*	*
Diarrhea and gastroenteritis of infectious origin.....(A09)	184	58	72	38	4.9	3.0	13.1	4.3
Tuberculosis.....(A16–A19)	1	—	—	1	*	*	*	*
Tetanus.....(A33,A35)	—	—	—	—	*	*	*	*
Diphtheria.....(A36)	—	—	—	—	*	*	*	*
Whooping cough.....(A37)	4	1	—	3	*	*	*	*
Meningococcal infection.....(A39)	5	2	—	2	*	*	*	*
Septicemia.....(A40–A41)	133	39	62	23	3.5	2.0	11.3	2.6
Congenital syphilis.....(A50)	5	1	3	1	*	*	*	*
Gonococcal infection.....(A54)	—	—	—	—	*	*	*	*
Viral diseases.....(A80–B34)	135	49	25	46	3.6	2.6	4.6	5.2
Acute poliomyelitis.....(A80)	—	—	—	—	*	*	*	*
Varicella (chickenpox).....(B01)	—	—	—	—	*	*	*	*
Measles.....(B05)	—	—	—	—	*	*	*	*
Human immunodeficiency virus (HIV) disease.....(B20–B24)	1	—	1	—	*	*	*	*
Mumps.....(B26)	—	—	—	—	*	*	*	*
Other and unspecified viral diseases.....(A81–B00,B02–B04, B06–B19,B25,B27–B34)	134	49	24	46	3.6	2.6	4.4	5.2
Candidiasis.....(B37)	5	1	4	—	*	*	*	*
Malaria.....(B50–B54)	—	—	—	—	*	*	*	*
Pneumocystosis.....(B59)	—	—	—	—	*	*	*	*
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)	37	14	11	11	1.0	*	*	*
Neoplasms.....(C00–D48)	97	60	16	13	2.6	3.1	*	*
Malignant neoplasms.....(C00–C97)	55	35	7	7	1.5	1.8	*	*
Hodgkin disease and non-Hodgkin lymphomas.....(C81–C85)	—	—	—	—	*	*	*	*
Leukemia.....(C91–C95)	13	7	3	1	*	*	*	*
Other and unspecified malignant neoplasms.....(C00–C80,C88,C90, C96–C97)	42	28	4	6	1.1	1.5	*	*
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior.....(D00–D48)	42	25	9	6	1.1	1.3	*	*
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism.....(D50–D89)	88	28	29	22	2.3	1.5	5.3	2.5
Anemias.....(D50–D64)	11	5	5	—	*	*	*	*
Hemorrhagic conditions and other diseases of blood and blood-forming organs.....(D65–D76)	67	20	22	18	1.8	1.0	4.0	*
Certain disorders involving the immune mechanism.....(D80–D89)	10	3	2	4	*	*	*	*

Table I–16. Number of infant deaths and infant mortality rates for 130 selected causes, by race and Hispanic origin: United States, 2019—Con.

[Rates are infant deaths (under 1 year) per 100,000 live births in specified group. Infant deaths are based on race or Hispanic origin of decedent; live births are based on race or Hispanic origin of mother. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD–10); see Technical Notes in this report]

Cause of death (based on ICD–10)	Number				Rate			
	Total ¹	Non-Hispanic, single-race white ²	Non-Hispanic, single-race black ²	Hispanic ³	Total ¹	Non-Hispanic, single-race white ²	Non-Hispanic, single-race black ²	Hispanic ³
Endocrine, nutritional and metabolic diseases.....(E00–E88)	166	80	27	45	4.4	4.2	4.9	5.1
Short stature, not elsewhere classified.....(E34.3)	3	1	—	2	*	*	*	*
Nutritional deficiencies.....(E40–E64)	13	1	3	6	*	*	*	*
Cystic fibrosis.....(E84)	2	2	—	—	*	*	*	*
Volume depletion, disorders of fluid, electrolyte and acid-base balance.....(E86–E87)	39	16	12	10	1.0	*	*	*
All other endocrine, nutritional and metabolic diseases.....(E00–E32, E34.0–E34.2,E34.4–E34.9, E65–E83,E85,E88)	109	60	12	27	2.9	3.1	*	3.0
Diseases of the nervous system...(G00–G98)	225	108	43	52	6.0	5.6	7.8	5.9
Meningitis.....(G00,G03)	40	19	6	9	1.1	*	*	*
Infantile spinal muscular atrophy, type I (Werdnig–Hoffman).....(G12.0)	3	1	1	—	*	*	*	*
Infantile cerebral palsy.....(G80)	4	1	2	—	*	*	*	*
Anoxic brain damage, not elsewhere classified.....(G93.1)	24	12	6	4	0.6	*	*	*
Other diseases of nervous system ... (G04, G06–G11,G12.1–G12.9,G20–G72, G81–G92,G93.0,G93.2–G93.9,G95–G98)	154	75	28	39	4.1	3.9	5.1	4.4
Diseases of the ear and mastoid process ..(H60–H93)	3	—	1	2	*	*	*	*
Diseases of the circulatory system. . (I00–I99)	406	177	111	81	10.8	9.2	20.3	9.1
Pulmonary heart disease and diseases of pulmonary circulation.....(I26–I28)	85	32	32	18	2.3	1.7	5.8	*
Pericarditis, endocarditis and myocarditis.....(I30,I33,I40)	4	2	1	1	*	*	*	*
Cardiomyopathy.....(I42)	88	44	19	11	2.3	2.3	*	*
Cardiac arrest.....(I46)	9	3	3	3	*	*	*	*
Cerebrovascular diseases.....(I60–I69)	102	46	26	19	2.7	2.4	4.7	*
All other diseases of circulatory system .....(I00–I25,I31,I34–I38, I44–I45,I47–I51,I70–I99)	118	50	30	29	3.1	2.6	5.5	3.3
Diseases of the respiratory system.....(J00–J98,U04)	427	146	161	76	11.4	7.6	29.4	8.6
Acute upper respiratory infections ..(J00–J06)	10	3	2	3	*	*	*	*
Influenza and pneumonia ..(J09–J18)	156	53	55	29	4.2	2.8	10.0	3.3
Influenza.....(J09–J11)	25	5	11	3	0.7	*	*	*
Pneumonia ..(J12–J18)	131	48	44	26	3.5	2.5	8.0	2.9
Acute bronchitis and acute bronchiolitis ..(J20–J21)	42	9	20	8	1.1	*	3.6	*
Bronchitis, chronic and unspecified.....(J40–J42)	10	4	4	1	*	*	*	*
Asthma.....(J45–J46)	1	1	—	—	*	*	*	*
Pneumonitis due to solids and liquids.....(J69)	8	4	3	1	*	*	*	*
Other and unspecified diseases of respiratory system .....(J22,J30–J39, J43–J44,J47–J68,J70–J98,U04)	200	72	77	34	5.3	3.8	14.0	3.8

Table I–16. Number of infant deaths and infant mortality rates for 130 selected causes, by race and Hispanic origin: United States, 2019—Con.

[Rates are infant deaths (under 1 year) per 100,000 live births in specified group. Infant deaths are based on race or Hispanic origin of decedent; live births are based on race or Hispanic origin of mother. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes in this report]

Cause of death (based on ICD-10)	Number				Rate			
	Total ¹	Non-Hispanic, single-race white ²	Non-Hispanic, single-race black ²	Hispanic ³	Total ¹	Non-Hispanic, single-race white ²	Non-Hispanic, single-race black ²	Hispanic ³
Diseases of the digestive system (K00–K92)	169	80	43	32	4.5	4.2	7.8	3.6
Gastritis, duodenitis, and noninfective enteritis and colitis (K29,K50–K55)	36	19	6	7	1.0	*	*	*
Hernia of abdominal cavity and intestinal obstruction without hernia (K40–K46,K56)	38	20	9	3	1.0	1.0	*	*
All other and unspecified diseases of digestive system. (K00–K28, K30–K38,K57–K92)	95	41	28	22	2.5	2.1	5.1	2.5
Diseases of the genitourinary system (N00–N95)	79	31	27	17	2.1	1.6	4.9	*
Renal failure and other disorders of kidney. (N17–N19,N25,N27)	57	22	21	12	1.5	1.1	3.8	*
Other and unspecified diseases of genitourinary system (N00–N15, N20–N23,N26,N28–N95)	22	9	6	5	0.6	*	*	*
Certain conditions originating in the perinatal period. (P00–P96)	10,294	3,775	3,281	2,276	274.7	197.0	598.6	256.7
Newborn affected by maternal factors and by complications of pregnancy, labor and delivery. (P00–P04)	2,241	800	657	529	59.8	41.8	119.9	59.7
Newborn affected by maternal hypertensive disorders (P00.0)	67	27	23	10	1.8	1.4	4.2	*
Newborn affected by other maternal conditions which may be unrelated to present pregnancy (P00.1–P00.9)	72	28	20	16	1.9	1.5	3.6	*
Newborn affected by maternal complications of pregnancy (P01)	1,245	404	380	320	33.2	21.1	69.3	36.1
Newborn affected by incompetent cervix. (P01.0)	373	90	132	109	10.0	4.7	24.1	12.3
Newborn affected by premature rupture of membranes. (P01.1)	628	215	186	151	16.8	11.2	33.9	17.0
Newborn affected by multiple pregnancy (P01.5)	80	32	24	17	2.1	1.7	4.4	*
Newborn affected by other maternal complications of pregnancy. (P01.2–P01.4,P01.6–P01.9)	164	67	38	43	4.4	3.5	6.9	4.9
Newborn affected by complications of placenta, cord and membranes (P02)	742	284	208	167	19.8	14.8	38.0	18.8
Newborn affected by complications involving placenta (P02.0–P02.3)	412	175	110	79	11.0	9.1	20.1	8.9
Newborn affected by complications involving cord (P02.4–P02.6)	35	22	3	7	0.9	1.1	*	*
Newborn affected by chorioamnionitis (P02.7)	293	87	95	79	7.8	4.5	17.3	8.9
Newborn affected by other and unspecified abnormalities of membranes (P02.8–P02.9)	2	–	–	2	*	*	*	*
Newborn affected by other complications of labor and delivery (P03)	79	40	21	10	2.1	2.1	3.8	*
Newborn affected by noxious influences transmitted via placenta or breast milk (P04)	36	17	5	6	1.0	*	*	*

Table I–16. Number of infant deaths and infant mortality rates for 130 selected causes, by race and Hispanic origin: United States, 2019—Con.

[Rates are infant deaths (under 1 year) per 100,000 live births in specified group. Infant deaths are based on race or Hispanic origin of decedent; live births are based on race or Hispanic origin of mother. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD–10); see Technical Notes in this report]

Cause of death (based on ICD–10)	Total ¹	Number			Rate			
		Non-Hispanic, single-race white ²	Non-Hispanic, single-race black ²	Hispanic ³	Non-Hispanic, single-race white ²	Non-Hispanic, single-race black ²	Hispanic ³	
Disorders related to length of gestation and fetal malnutrition(P05–P08)	3,555	1,142	1,327	727	94.9	59.6	242.1	82.0
Slow fetal growth and fetal malnutrition(P05)	110	40	38	25	2.9	2.1	6.9	2.8
Disorders related to short gestation and low birth weight, not elsewhere classified.(P07)	3,445	1,102	1,289	702	91.9	57.5	235.2	79.2
Extremely low birth weight or extreme immaturity(P07.0,P07.2)	2,666	835	986	578	71.1	43.6	179.9	65.2
Other low birth weight or preterm(P07.1,P07.3)	779	267	303	124	20.8	13.9	55.3	14.0
Disorders related to long gestation and high birth weight.(P08)	—	—	—	—	* ⁴	*	*	*
Birth trauma.(P10–P15)	13	5	3	2	*	*	*	*
Intrauterine hypoxia and birth asphyxia.(P20–P21)	336	153	95	62	9.0	8.0	17.3	7.0
Intrauterine hypoxia(P20)	185	83	57	34	4.9	4.3	10.4	3.8
Birth asphyxia.(P21)	151	70	38	28	4.0	3.7	6.9	3.2
Respiratory distress of newborn(P22)	424	181	118	100	11.3	9.4	21.5	11.3
Other respiratory conditions originating in the perinatal period.(P23–P28)	787	325	238	176	21.0	17.0	43.4	19.9
Congenital pneumonia(P23)	47	14	17	10	1.3	*	*	*
Neonatal aspiration syndromes.(P24)	38	21	10	3	1.0	1.1	*	*
Interstitial emphysema and related conditions originating in the perinatal period(P25)	90	42	20	26	2.4	2.2	3.6	2.9
Pulmonary hemorrhage originating in the perinatal period.(P26)	136	47	50	30	3.6	2.5	9.1	3.4
Chronic respiratory disease originating in the perinatal period.(P27)	157	56	61	32	4.2	2.9	11.1	3.6
Atelectasis.(P28.0–P28.1)	248	116	63	54	6.6	6.1	11.5	6.1
All other respiratory conditions originating in the perinatal period(P28.2–P28.9)	71	29	17	21	1.9	1.5	*	2.4
Infections specific to the perinatal period.(P35–P39)	760	300	235	165	20.3	15.7	42.9	18.6
Bacterial sepsis of newborn(P36)	603	237	189	135	16.1	12.4	34.5	15.2
Omphalitis of newborn with or without mild hemorrhage.(P38)	1	—	—	1	*	*	*	*
All other infections specific to the perinatal period.(P35,P37,P39)	156	63	46	29	4.2	3.3	8.4	3.3
Hemorrhagic and hematological disorders of newborn.(P50–P61)	460	195	120	113	12.3	10.2	21.9	12.7
Neonatal hemorrhage(P50–P52,P54)	348	150	91	84	9.3	7.8	16.6	9.5
Hemorrhagic disease of newborn(P53)	1	1	—	—	*	*	*	*
Hemolytic disease of newborn due to isoimmunization and other perinatal jaundice.(P55–P59)	17	6	7	2	*	*	*	*
Hematological disorders(P60–P61)	94	38	22	27	2.5	2.0	4.0	3.0
Syndrome of infant of a diabetic mother and neonatal diabetes mellitus.(P70.0–P70.2)	12	1	6	5	*	*	*	*
Necrotizing enterocolitis of newborn.(P77)	354	122	119	83	9.4	6.4	21.7	9.4

Table I-16. Number of infant deaths and infant mortality rates for 130 selected causes, by race and Hispanic origin: United States, 2019—Con.

[Rates are infant deaths (under 1 year) per 100,000 live births in specified group. Infant deaths are based on race or Hispanic origin of decedent; live births are based on race or Hispanic origin of mother. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes in this report]

Cause of death (based on ICD-10)	Number				Rate			
	Total ¹	Non-Hispanic, single-race white ²	Non-Hispanic, single-race black ²	Hispanic ³	Total ¹	Non-Hispanic, single-race white ²	Non-Hispanic, single-race black ²	Hispanic ³
Hydrops fetalis not due to hemolytic disease.....(P83.2)	174	93	27	35	4.6	4.9	4.9	3.9
Other perinatal conditions.....(P29, P70.3–P70.9,P71–P76,P78–P81, P83.0–P83.1,P83.3–P83.9,P90–P96)	1,178	458	336	279	31.4	23.9	61.3	31.5
Congenital malformations, deformations and chromosomal abnormalities.....(Q00–Q99)	4,301	2,015	801	1,138	114.8	105.2	146.1	128.4
Anencephaly and similar malformations.....(Q00)	278	158	29	73	7.4	8.2	5.3	8.2
Congenital hydrocephalus.....(Q03)	68	30	15	19	1.8	1.6	*	*
Spina bifida.....(Q05)	10	5	1	2	*	*	*	*
Other congenital malformations of nervous system.....(Q01–Q02,Q04,Q06–Q07)	264	128	45	76	7.0	6.7	8.2	8.6
Congenital malformations of heart.....(Q20–Q24)	929	446	170	237	24.8	23.3	31.0	26.7
Other congenital malformations of circulatory system.....(Q25–Q28)	156	68	32	43	4.2	3.5	5.8	4.9
Congenital malformations of respiratory system.....(Q30–Q34)	341	156	72	75	9.1	8.1	13.1	8.5
Congenital malformations of digestive system.....(Q35–Q45)	64	24	11	23	1.7	1.3	*	2.6
Congenital malformations of genitourinary system.....(Q50–Q64)	384	184	65	104	10.2	9.6	11.9	11.7
Congenital malformations and deformations of musculoskeletal system, limbs and integument.....(Q65–Q85)	491	224	93	131	13.1	11.7	17.0	14.8
Down syndrome.....(Q90)	64	34	6	16	1.7	1.8	*	*
Edward syndrome.....(Q91.0–Q91.3)	433	179	98	122	11.6	9.3	17.9	13.8
Patau syndrome.....(Q91.4–Q91.7)	229	103	48	65	6.1	5.4	8.8	7.3
Other congenital malformations and deformations.....(Q10–Q18,Q86–Q89)	484	231	99	120	12.9	12.1	18.1	13.5
Other chromosomal abnormalities, not elsewhere classified.....(Q92–Q99)	106	45	17	32	2.8	2.3	*	3.6
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified.....(R00–R99)	2,453	938	864	450	65.5	49.0	157.6	50.8
Sudden infant death syndrome.....(R95)	1,248	495	434	217	33.3	25.8	79.2	24.5
Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified.....(R00–R53, R55–R94,R96–R99)	1,205	443	430	233	32.2	23.1	78.5	26.3
All other diseases.....(residual)	20	7	6	5	0.5	*	*	*
External causes of mortality.....(*U01,V01–Y84)	1,674	754	499	271	44.7	39.4	91.0	30.6
Accidents (unintentional injuries).....(V01–X59)	1,266	589	369	184	33.8	30.7	67.3	20.8
Transport accidents.....(V01–V99)	75	32	16	21	2.0	1.7	*	2.4
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)	74	32	16	20	2.0	1.7	*	2.3

Table I-16. Number of infant deaths and infant mortality rates for 130 selected causes, by race and Hispanic origin: United States, 2019—Con.

[Rates are infant deaths (under 1 year) per 100,000 live births in specified group. Infant deaths are based on race or Hispanic origin of decedent; live births are based on race or Hispanic origin of mother. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget standards. Asterisks (*) preceding cause-of-death codes indicate that they are not part of the *International Classification of Diseases, 10th Revision* (ICD-10); see Technical Notes in this report]

Cause of death (based on ICD-10)	Total ¹	Number			Rate		
		Non-Hispanic, single-race white ²	Non-Hispanic, single-race black ²	Hispanic ³	Total ¹	Non-Hispanic, single-race white ²	Non-Hispanic, single-race black ²
Other and unspecified transport accidents (V01–V05–V06,V09.1, V09.3–V09.9,V10–V11, V15–V18,V19.3, V19.8–V19.9,V80.0–V80.2, V80.6–V80.9,V81.2–V81.9, V82.2–V82.9,V87.9,V88.9, V89.1,V89.3,V89.9,V90–V99)	1	—	—	1	*	*	*
Falls (W00–W19)	7	2	2	2	*	*	*
Accidental discharge of firearms (W32–W34)	2	—	2	—	*	*	*
Accidental drowning and submersion (W65–W74)	34	14	6	8	0.9	*	*
Accidental suffocation and strangulation in bed (W75)	955	440	298	126	25.5	23.0	54.4
Other accidental suffocation and strangulation (W76–W77,W81–W84)	104	58	27	12	2.8	3.0	4.9
Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract (W78–W80)	36	17	7	8	1.0	*	*
Accidents caused by exposure to smoke, fire and flames (X00–X09)	8	4	3	—	*	*	*
Accidental poisoning and exposure to noxious substances (X40–X49)	14	9	3	1	*	*	*
Other and unspecified accidents (W20–W31,W35–W64, W85–W99,X10–X39,X50–X59)	31	13	5	6	0.8	*	*
Assault (homicide) (*U01,X85–Y09)	263	96	98	52	7.0	5.0	17.9
Assault (homicide) by hanging, strangulation and suffocation (X91)	23	12	7	4	0.6	*	*
Assault (homicide) by discharge of firearms (*U01.4,X93–X95)	10	2	7	1	*	*	*
Neglect, abandonment and other maltreatment syndromes (Y06–Y07)	59	23	16	14	1.6	1.2	*
Assault (homicide) by other and unspecified means (*U01.0–*U01.3, *U01.5–*U01.9,X85–X90,X92, X96–X99,Y00–Y05,Y08–Y09)	171	59	68	33	4.6	3.1	12.4
Complications of medical and surgical care (Y40–Y84)	29	9	7	11	0.8	*	*
Other external causes (Y10–Y36)	116	60	25	24	3.1	3.1	4.6
							2.7

* Rate does not meet National Center for Health Statistics standards of reliability; see Technical Notes.

— Quantity zero.

¹Includes race and origin categories not shown separately; see Technical Notes.

²Includes only one race reported on the death certificate.

³Includes all persons of Hispanic origin of any race; see Technical Notes.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I-17. Estimated population and standard errors for specified Hispanic-origin populations, by 10-year age group and sex: United States, 2019

[Population estimates for Mexican, Puerto Rican, Cuban, Central American, South American, Dominican, and Other and unknown Hispanic are based on the American Community Survey adjusted to resident population control totals. The control totals are postcensal estimates for the United States for July 1, 2019; see Technical Notes in this report. Population estimates for Hispanic total (see Table III) are based on the 2010 census, estimated as of July 1, 2019. Population estimates by specified Hispanic origin in this table may not add to population estimates for total Hispanic in Table III. Standard errors are shown in parentheses after each population estimate]

Hispanic origin and sex	All ages	Age group (years)												85 and over
		Under 1	1–4	5–14	15–24	25–34	35–44	45–54	55–64	65–74	75–84			
Mexican.....	37,186,365	559,245	2,638,580	7,014,050	6,484,995	5,842,770	5,221,685	4,207,190	2,812,860	1,516,765	653,980	234,245		
	(63,061)	(9,717)	(15,351)	(29,904)	(21,145)	(24,882)	(26,252)	(20,833)	(17,805)	(11,918)	(8,871)	(5,012)		
Male.....	18,930,200	286,115	1,344,095	3,578,805	3,328,685	3,053,070	2,704,750	2,145,240	1,401,230	719,985	280,385	87,840		
	(46,428)	(6,098)	(11,622)	(22,771)	(15,009)	(18,424)	(19,406)	(15,863)	(13,069)	(7,981)	(5,424)	(2,821)		
Female.....	18,256,165	273,130	1,294,485	3,435,245	3,156,310	2,789,700	2,516,935	2,061,950	1,411,630	796,780	373,595	146,405		
	(42,674)	(7,566)	(10,030)	(19,383)	(14,895)	(16,723)	(17,681)	(13,505)	(12,092)	(8,851)	(7,020)	(4,143)		
Puerto Rican.....	5,828,715	95,790	400,625	981,755	882,970	910,130	790,410	665,245	548,770	335,100	161,230	56,690		
	(29,050)	(4,038)	(7,799)	(12,954)	(10,978)	(11,845)	(10,564)	(9,536)	(8,536)	(6,011)	(4,366)	(2,747)		
Male.....	2,871,150	50,430	199,205	501,555	448,470	458,945	395,920	322,420	259,605	149,750	64,775	20,075		
	(21,172)	(2,756)	(5,480)	(10,048)	(7,719)	(9,060)	(7,733)	(6,882)	(5,902)	(3,992)	(2,735)	(1,607)		
Female.....	2,957,565	45,360	201,420	480,200	434,500	451,185	394,490	342,825	289,165	185,350	96,455	36,615		
	(19,892)	(2,951)	(5,549)	(8,176)	(7,807)	(7,630)	(7,197)	(6,601)	(6,168)	(4,495)	(3,403)	(2,228)		
Cuban.....	2,381,575	26,275	118,375	264,455	281,015	327,525	304,045	348,030	303,645	198,425	139,800	69,985		
	(18,607)	(2,171)	(4,959)	(6,671)	(6,482)	(6,638)	(7,327)	(6,811)	(6,134)	(4,981)	(3,932)	(2,891)		
Male.....	1,205,570	12,580	59,650	133,450	148,845	170,425	165,105	186,405	156,820	92,580	54,075	25,635		
	(13,279)	(1,632)	(3,785)	(4,557)	(4,872)	(4,882)	(5,478)	(5,038)	(4,081)	(3,191)	(2,344)	(1,813)		
Female.....	1,176,005	13,695	58,725	131,005	132,170	157,100	138,940	161,625	146,825	105,845	85,725	44,350		
	(13,034)	(1,432)	(3,204)	(4,872)	(4,276)	(4,498)	(4,866)	(4,583)	(4,579)	(3,824)	(3,156)	(2,252)		
Central American.....	5,927,465	93,050	432,405	1,001,655	916,135	1,015,480	1,007,175	689,275	440,020	227,005	77,495	27,770		
	(30,550)	(4,247)	(8,639)	(13,775)	(11,835)	(12,355)	(13,040)	(9,415)	(7,642)	(5,165)	(3,194)	(2,057)		
Male.....	3,035,660	46,595	221,280	521,385	483,605	539,015	543,665	355,245	199,015	92,615	25,770	7,470		
	(22,687)	(2,970)	(6,189)	(10,021)	(8,684)	(9,275)	(10,528)	(7,145)	(5,327)	(3,343)	(1,729)	(1,140)		
Female.....	2,891,805	46,455	211,125	480,270	432,530	476,465	463,510	334,030	241,005	134,390	51,725	20,300		
	(20,460)	(3,036)	(6,028)	(9,451)	(8,041)	(8,162)	(7,695)	(6,132)	(5,479)	(3,937)	(2,686)	(1,712)		
South American.....	3,873,265	43,160	200,320	502,780	507,640	579,145	630,905	580,625	437,435	239,480	113,865	37,910		
	(23,930)	(2,904)	(5,804)	(9,514)	(8,433)	(9,638)	(9,712)	(8,540)	(7,587)	(5,701)	(3,707)	(2,218)		
Male.....	1,856,095	21,775	102,770	256,910	255,430	286,230	304,790	268,020	201,640	99,625	45,820	13,085		
	(17,062)	(1,920)	(4,325)	(6,773)	(6,273)	(7,109)	(7,357)	(5,711)	(5,299)	(3,497)	(2,092)	(1,245)		
Female.....	2,017,170	21,385	97,550	245,870	252,210	292,915	326,115	312,605	235,795	139,855	68,045	24,825		
	(16,778)	(2,178)	(3,871)	(6,681)	(5,636)	(6,507)	(6,341)	(6,350)	(5,429)	(4,503)	(3,060)	(1,836)		
Dominican.....	2,094,210	35,220	137,280	323,265	319,340	349,715	300,330	250,350	197,085	113,005	50,135	18,485		
	(18,455)	(2,764)	(4,766)	(7,489)	(7,106)	(7,938)	(7,037)	(6,086)	(5,505)	(3,788)	(2,702)	(1,449)		
Male.....	975,580	19,275	69,715	163,610	155,620	170,870	134,500	109,735	84,100	44,680	17,995	5,480		
	(13,090)	(1,936)	(3,440)	(5,468)	(4,939)	(5,712)	(5,125)	(4,552)	(3,650)	(2,364)	(1,522)	(797)		
Female.....	1,118,630	15,945	67,565	159,655	163,720	178,845	165,830	140,615	112,985	68,325	32,140	13,005		
	(13,009)	(1,973)	(3,299)	(5,117)	(5,109)	(5,513)	(4,822)	(4,040)	(4,121)	(2,960)	(2,233)	(1,211)		
Other and unknown.....	3,190,175	41,455	207,695	485,570	537,575	454,980	408,695	366,095	320,645	214,040	108,625	44,800		
Hispanic.....	(21,322)	(2,559)	(5,978)	(9,280)	(8,633)	(8,219)	(7,907)	(7,000)	(6,067)	(4,468)	(3,362)	(2,129)		
Male.....	1,611,875	22,075	111,375	243,900	271,815	248,980	211,520	186,810	156,060	97,155	46,305	15,880		
	(15,358)	(1,843)	(4,155)	(6,882)	(6,241)	(5,920)	(5,733)	(4,952)	(4,493)	(3,143)	(2,200)	(1,244)		
Female.....	1,578,300	19,380	96,320	241,670	265,760	206,000	197,175	179,285	164,585	116,885	62,320	28,920		
	(14,790)	(1,775)	(4,298)	(6,226)	(5,965)	(5,702)	(5,445)	(4,947)	(4,077)	(3,175)	(2,542)	(1,727)		

SOURCE: Population estimates are based on unpublished tabulations prepared by the U.S. Census Bureau, American Community Survey, 2019 1-Year.

Table I-18. Estimated population and standard errors for ages 15 and over, by marital status, 10-year age group, and sex: United States, 2019

[Population estimates are based on the American Community Survey adjusted to resident population control totals. The control totals are postcensal estimates for the United States for July 1, 2019; see Technical Notes in this report. Standard errors are shown in parentheses after each population estimate]

Marital status and sex	Age group (years)							
	15 and over	15–24	25–34	35–44	45–54	55–64	65–74	75 and over
All races.....	267,720,790 (141,648)	42,822,210 (39,590)	45,578,475 (63,393)	41,914,845 (64,012)	40,863,110 (54,080)	42,468,110 (57,902)	31,575,560 (48,406)	22,498,480 (41,956)
Never married.....	90,772,665 (77,328)	40,345,175 (34,684)	25,276,090 (43,171)	10,656,815 (35,909)	6,298,005 (26,874)	4,907,160 (23,857)	2,265,915 (15,026)	1,023,505 (10,310)
Ever married.....	176,948,125 (118,679)	2,477,035 (19,089)	20,302,385 (46,421)	31,258,030 (52,991)	34,565,105 (46,930)	37,560,950 (52,758)	29,309,645 (46,015)	21,474,975 (40,670)
Married.....	132,351,800 (96,381)	2,324,400 (18,481)	18,285,215 (42,997)	26,398,850 (45,749)	27,033,645 (36,513)	27,586,965 (41,435)	20,034,595 (35,463)	10,688,130 (26,427)
Widowed.....	15,307,085 (38,187)	20,220 (1,810)	94,270 (3,801)	265,095 (6,275)	710,290 (10,134)	2,083,605 (14,803)	3,942,565 (19,398)	8,191,040 (26,515)
Divorced.....	29,289,240 (57,767)	132,415 (4,422)	1,922,900 (17,079)	4,594,085 (25,995)	6,821,170 (27,687)	7,890,380 (29,111)	5,332,485 (21,987)	2,595,805 (15,892)
All races, male.....	130,629,205 (99,084)	21,918,110 (26,848)	23,099,300 (48,066)	20,920,720 (46,921)	20,155,365 (39,387)	20,491,430 (39,260)	14,721,025 (29,068)	9,323,255 (25,443)
Never married.....	48,481,155 (57,788)	20,943,255 (23,956)	14,019,055 (33,201)	5,893,555 (28,691)	3,464,980 (19,709)	2,658,075 (17,698)	1,099,415 (10,119)	402,820 (6,005)
Ever married.....	82,148,050 (80,487)	974,855 (12,120)	9,080,245 (34,756)	15,027,165 (37,127)	16,690,385 (34,102)	17,833,355 (35,045)	13,621,610 (27,250)	8,920,435 (24,724)
Married.....	66,120,365 (68,714)	915,735 (11,753)	8,240,720 (32,798)	12,906,085 (32,458)	13,423,555 (27,639)	13,811,845 (28,823)	10,549,935 (21,833)	6,272,490 (19,566)
Widowed.....	3,472,240 (18,065)	9,230 (1,212)	31,935 (2,437)	78,000 (3,365)	200,175 (5,191)	507,500 (7,324)	904,605 (9,199)	1,740,795 (11,933)
Divorced.....	12,555,445 (37,819)	49,890 (2,702)	807,590 (11,240)	2,043,080 (17,708)	3,066,655 (19,289)	3,514,010 (18,539)	2,167,070 (13,463)	907,150 (9,276)
All races, female.....	137,091,585 (101,225)	20,904,100 (29,096)	22,479,175 (41,331)	20,994,125 (43,543)	20,707,745 (37,058)	21,976,680 (42,559)	16,854,535 (38,706)	13,175,225 (33,361)
Never married.....	42,291,510 (51,382)	19,401,920 (25,082)	11,257,035 (27,593)	4,763,260 (21,594)	2,833,025 (18,269)	2,249,085 (15,999)	1,166,500 (11,109)	620,685 (8,381)
Ever married.....	94,800,075 (87,215)	1,502,180 (14,748)	11,222,140 (30,771)	16,230,865 (37,811)	17,874,720 (32,242)	19,727,595 (39,437)	15,688,035 (37,078)	12,554,540 (32,291)
Married.....	66,231,435 (67,585)	1,408,665 (14,263)	10,044,495 (27,803)	13,492,765 (32,240)	13,610,090 (23,860)	13,775,120 (29,767)	9,484,660 (27,945)	4,415,640 (17,764)
Widowed.....	11,834,845 (33,644)	10,990 (1,345)	62,335 (2,917)	187,095 (5,296)	510,115 (8,704)	1,576,105 (12,864)	3,037,960 (17,078)	6,450,245 (23,678)
Divorced.....	16,733,795 (43,666)	82,525 (3,500)	1,115,310 (12,859)	2,551,005 (19,031)	3,754,515 (19,862)	4,376,370 (22,444)	3,165,415 (17,383)	1,688,655 (12,904)

SOURCE: Population estimates are based on unpublished tabulations prepared by the U.S. Census Bureau, American Community Survey, 2019 1-Year.

Table I-19. Estimated population and standard errors for ages 25–64, by educational attainment and sex: United States, 2019

[Population estimates are based on the American Community Survey adjusted to postcensal July 1, 2019 resident population control totals for reporting areas; see Technical Notes. Standard errors are shown in parentheses after each population estimate]

Education level and sex	Age group (years)				
	25–64	25–34	35–44	45–54	55–64
Both sexes	170,824,525 (136,776)	45,578,480 (74,039)	41,914,835 (72,310)	40,863,100 (62,997)	42,468,110 (63,471)
Less than high school diploma or GED	17,903,770 (48,679)	3,788,515 (23,054)	4,604,325 (26,276)	4,666,165 (24,258)	4,844,765 (23,649)
High school diploma or GED	43,902,055 (71,377)	11,140,745 (38,742)	9,731,110 (36,489)	10,568,885 (31,922)	12,461,315 (35,259)
Some college or collegiate degree	109,018,700 (106,035)	30,649,220 (58,731)	27,579,400 (56,629)	25,628,050 (48,591)	25,162,030 (47,182)
Male	84,666,815 (95,748)	23,099,310 (52,109)	20,920,710 (50,552)	20,155,360 (43,384)	20,491,435 (44,886)
Less than high school diploma or GED	9,815,025 (36,292)	2,182,385 (17,122)	2,562,285 (19,907)	2,540,455 (17,913)	2,529,900 (17,516)
High school diploma or GED	24,041,570 (50,571)	6,464,770 (28,298)	5,573,935 (25,696)	5,702,260 (21,791)	6,300,605 (24,931)
Some college or collegiate degree	50,810,220 (72,754)	14,452,155 (40,267)	12,784,490 (38,716)	11,912,645 (32,961)	11,660,930 (32,960)
Female	86,157,710 (97,673)	22,479,170 (52,597)	20,994,125 (51,704)	20,707,740 (45,678)	21,976,675 (44,876)
Less than high school diploma or GED	8,088,745 (32,442)	1,606,130 (15,437)	2,042,040 (17,150)	2,125,710 (16,358)	2,314,865 (15,889)
High school diploma or GED	19,860,485 (50,371)	4,675,975 (26,461)	4,157,175 (25,907)	4,866,625 (23,327)	6,160,710 (24,933)
Some college or collegiate degree	58,208,480 (77,138)	16,197,065 (42,754)	14,794,910 (41,327)	13,715,405 (35,703)	13,501,100 (33,760)

SOURCE: Population estimates are based on unpublished tabulations prepared by the U.S. Census Bureau, American Community Survey, 2019 1-Year.

Table I-20. Number of deaths, death rates, and age-adjusted death rates, by race and Hispanic origin and sex: United States, 1940, 1950, 1960, 1970, 1980, 1990, 2000, and 2010–2019

[Beginning in 1970, excludes deaths of nonresidents of the United States. Data for specified race or Hispanic-origin groups other than Non-Hispanic white and Non-Hispanic black should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys, although misclassification is very minor for the Hispanic and Non-Hispanic Asian or Pacific Islander populations; see Technical Notes in this report]

Year	Total ¹			Non-Hispanic white			Non-Hispanic black			Non-Hispanic American Indian or Alaska Native ²			Non-Hispanic Asian or Pacific Islander ³			Hispanic ⁴		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic single race ⁵																		
Number																		
2019.....	2,854,838	1,473,823	1,381,015	2,183,844	1,115,767	1,068,077	346,677	181,363	165,314	18,057	9,732	8,325	...	...	...	212,397	117,683	94,714
2018.....	2,839,205	1,458,469	1,380,736	2,182,552	1,108,848	1,073,704	341,408	177,958	163,450	17,790	9,678	8,112	...	...	...	204,719	113,045	91,674
Non-Hispanic bridged race ⁶																		
2019.....	2,854,838	1,473,823	1,381,015	2,189,567	1,118,660	1,070,907	348,761	182,341	166,420	19,696	10,842	8,854	77,474	39,830	37,644	212,397	117,683	94,714
2018.....	2,839,205	1,458,469	1,380,736	2,188,349	1,111,840	1,076,509	343,393	178,904	164,489	19,491	10,875	8,616	75,266	38,760	36,506	204,719	113,045	91,674
2017.....	2,813,503	1,439,111	1,374,392	2,179,857	1,102,838	1,077,019	335,667	174,403	161,264	19,198	10,502	8,696	72,598	37,236	35,362	197,249	108,579	88,670
2016.....	2,744,248	1,400,232	1,344,016	2,133,463	1,077,362	1,056,101	326,810	168,750	158,060	18,595	10,280	8,315	68,235	34,892	33,343	188,254	103,532	84,722
2015.....	2,712,630	1,373,404	1,339,226	2,123,631	1,063,705	1,059,926	315,254	161,850	153,404	18,039	9,869	8,170	65,277	33,306	31,971	179,457	98,170	81,287
2014.....	2,626,418	1,328,241	1,298,177	2,066,949	1,035,345	1,031,604	303,844	154,836	149,008	17,138	9,338	7,800	60,424	31,039	29,385	169,387	92,474	76,913
2013.....	2,596,993	1,306,034	1,290,959	2,052,660	1,021,135	1,031,525	299,227	152,661	146,566	16,219	8,840	7,379	58,702	30,343	28,359	163,241	88,880	74,361
2012.....	2,543,279	1,273,722	1,269,557	2,016,896	998,832	1,018,064	291,179	148,344	142,835	15,705	8,598	7,107	55,298	28,214	27,084	156,419	85,238	71,181
2011.....	2,515,458	1,254,978	1,260,480	2,006,319	989,835	1,016,484	286,797	145,052	141,745	15,181	8,175	7,006	52,346	26,909	25,437	149,635	81,887	67,748
2010.....	2,468,435	1,232,432	1,236,003	1,969,916	971,604	998,312	283,438	143,824	139,614	14,846	8,072	6,774	50,018	25,938	24,080	144,490	79,622	64,868
2000.....	2,403,351	1,177,578	1,225,773	1,959,919	944,781	1,015,138	282,676	143,297	139,379	11,025	5,973	5,052	34,226	18,653	15,573	107,254	60,172	47,082
1990.....	2,148,463	1,113,417	1,035,046	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1980.....	1,989,841	1,075,078	914,763	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1970.....	1,921,031	1,078,478	842,553	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1960.....	1,711,982	975,648	736,334	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1950.....	1,452,454	827,749	624,705	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1940.....	1,417,269	791,003	626,266	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table I-20. Number of deaths, death rates, and age-adjusted death rates, by race and Hispanic origin and sex: United States, 1940, 1950, 1960, 1970, 1980, 1990, 2000, and 2010–2019—Con.

[Beginning in 1970, excludes deaths of nonresidents of the United States. Data for specified race or Hispanic-origin groups other than Non-Hispanic white and Non-Hispanic black should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys, although misclassification is very minor for the Hispanic and Non-Hispanic Asian or Pacific Islander populations; see Technical Notes in this report]

Year	Total ¹			Non-Hispanic white			Non-Hispanic black			Non-Hispanic American Indian or Alaska Native ²			Non-Hispanic Asian or Pacific Islander ³			Hispanic ⁴		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic single race⁵																		
2019.....	869.7	911.7	829.0	1,106.8	1,146.6	1,068.1	842.5	921.8	769.9	741.6	812.1	673.3	...	...	...	350.7	384.9	315.7
2018.....	867.8	905.2	831.6	1,104.8	1,138.2	1,072.3	834.7	909.8	765.9	735.9	813.5	660.8	...	...	...	341.9	373.9	309.3
Non-Hispanic bridged race⁶																		
2019.....	869.7	911.7	829.0	1,089.8	1,129.1	1,051.7	806.6	880.2	739.0	712.2	799.6	628.2	373.2	400.9	347.7	350.7	384.9	315.7
2018.....	867.8	905.2	831.6	1,088.4	1,121.4	1,056.2	799.8	869.6	735.6	709.8	807.7	615.6	366.3	394.4	340.5	341.9	373.9	309.3
2017.....	863.8	897.2	831.4	1,083.2	1,111.4	1,055.8	787.5	854.2	726.1	703.4	784.4	625.5	359.8	386.2	335.6	334.6	364.6	304.0
2016.....	849.3	880.2	819.3	1,059.7	1,085.6	1,034.6	775.5	836.2	719.7	685.9	772.8	602.2	350.3	374.9	327.8	327.6	356.8	297.7
2015.....	844.0	868.0	820.7	1,055.3	1,072.5	1,038.5	754.6	809.4	704.3	670.7	747.4	596.7	341.5	364.9	320.1	317.1	343.2	290.4
2014.....	823.7	846.4	801.7	1,028.1	1,045.4	1,011.3	735.4	783.3	691.4	642.5	713.4	574.2	327.7	352.7	305.0	305.8	330.1	281.0
2013.....	821.5	839.1	804.4	1,021.6	1,032.1	1,011.5	733.4	782.5	688.4	613.7	681.4	548.3	331.8	359.2	306.7	301.9	323.7	279.4
2012.....	810.2	824.5	796.4	1,004.9	1,011.2	998.8	720.9	768.5	677.3	599.3	668.7	532.5	322.0	344.1	301.7	295.0	316.5	272.7
2011.....	807.3	818.7	796.3	1,001.0	1,004.1	998.1	718.0	760.4	679.2	584.2	640.9	529.5	315.7	339.9	293.7	287.5	309.7	264.6
2010.....	799.5	812.0	787.4	984.3	987.5	981.2	718.7	764.5	676.9	577.8	640.1	517.7	310.0	336.7	285.6	286.2	310.8	260.9
2000.....	854.0	853.0	855.0	993.2	978.5	1,007.3	805.5	859.5	756.7	470.3	517.0	425.0	301.4	338.3	266.5	303.8	331.3	274.6
1990.....	863.8	918.4	812.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1980.....	878.3	976.9	785.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1970.....	945.3	1,090.3	807.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1960.....	954.7	1,104.5	809.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1950.....	963.8	1,106.1	823.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1940.....	1,076.4	1,197.4	954.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table I-20. Number of deaths, death rates, and age-adjusted death rates, by race and Hispanic origin and sex: United States, 1940, 1950, 1960, 1970, 1980, 1990, 2000, and 2010–2019—Con.

[Beginning in 1970, excludes deaths of nonresidents of the United States. Data for specified race or Hispanic-origin groups other than Non-Hispanic white and Non-Hispanic black should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys, although misclassification is very minor for the Hispanic and Non-Hispanic Asian or Pacific Islander populations; see Technical Notes in this report]

Year	Total ¹			Non-Hispanic white			Non-Hispanic black			Non-Hispanic American Indian or Alaska Native ²			Non-Hispanic Asian or Pacific Islander ³			Hispanic ⁴		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic single race ⁵																		
2019.....	715.2	846.7	602.7	739.9	868.8	627.4	884.0	1,092.8	724.9	782.5	901.9	673.3	...	...	...	523.8	633.2	430.7
2018.....	723.6	855.5	611.3	748.7	878.0	636.5	892.6	1,102.8	733.7	790.8	918.7	673.1	...	...	...	524.1	633.1	431.7
Non-Hispanic bridged race ⁶																		
2019.....	715.2	846.7	602.7	736.8	864.9	625.0	870.7	1,074.7	715.4	767.3	911.0	640.6	384.9	457.2	326.5	523.8	633.2	430.7
2018.....	723.6	855.5	611.3	745.7	874.3	634.1	879.5	1,085.2	724.2	780.8	937.4	641.7	392.2	467.6	332.4	524.1	633.1	431.7
2017.....	731.9	864.5	619.7	755.0	885.1	642.8	881.0	1,083.3	728.0	800.2	943.9	674.0	395.3	470.1	336.4	524.7	631.8	434.2
2016.....	728.8	861.0	617.5	749.0	879.5	637.2	882.8	1,081.2	734.1	800.3	954.0	668.0	394.4	466.6	337.4	525.8	631.8	436.4
2015.....	733.1	863.2	624.2	753.2	881.3	644.1	876.1	1,070.1	731.0	805.7	950.2	679.5	396.2	468.9	339.6	525.3	628.9	438.3
2014.....	724.6	855.1	616.7	742.8	872.3	633.8	870.7	1,060.3	731.2	796.9	935.0	677.4	390.5	464.2	333.3	523.3	626.8	437.5
2013.....	731.9	863.6	623.5	747.1	876.8	638.4	885.2	1,083.3	740.6	787.5	930.6	666.4	407.5	490.2	344.8	535.4	639.8	448.6
2012.....	732.8	865.1	624.7	745.8	876.2	637.6	887.1	1,086.4	742.1	787.8	929.9	666.3	409.6	486.3	351.4	539.1	643.9	452.5
2011.....	741.3	875.3	632.4	754.3	887.2	644.6	901.6	1,098.3	759.8	798.1	933.8	684.7	413.2	493.4	352.8	540.7	647.3	452.8
2010.....	747.0	887.1	634.9	755.0	892.5	643.3	920.4	1,131.7	770.8	818.8	965.8	696.8	425.6	513.0	360.6	558.6	677.7	463.4
2000.....	869.0	1,053.8	731.4	855.5	1,035.4	721.5	1,137.0	1,422.0	941.2	800.5	955.6	679.1	507.0	624.9	417.3	665.7	818.1	546.0
1990.....	938.7	1,202.8	750.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1980.....	1,039.1	1,348.1	817.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1970.....	1,222.6	1,542.1	971.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1960.....	1,339.2	1,609.0	1,105.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1950.....	1,446.0	1,674.2	1,236.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1940.....	1,785.0	1,976.0	1,599.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

... Category not applicable.

--- Data not available.

¹Under "Non-Hispanic single race," totals include deaths with origin not stated, origin not classifiable, and two or more races reported. Under "Non-Hispanic bridged-race," totals include deaths with origin not stated; see Technical Notes.²Includes Aleut and Eskimo persons.³Includes Chinese, Filipino, Hawaiian, Japanese, and other Asian or Pacific Islander persons.⁴Includes persons of Hispanic origin of any race; see Technical Notes.⁵Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget (OMB) standards; see Technical Notes. Only one race was reported on the death certificate.⁶Race and Hispanic-origin categories are consistent with 1977 OMB standards. Multiple-race data reported according to 1997 OMB standards were bridged to single-race categories of 1977 OMB standards. For more information on areas reporting multiple race, see Technical Notes.⁷Rates are based on populations enumerated as of April 1 for census years and estimated as of July 1 for all other years; see Technical Notes.⁸Age-adjusted rates are per 100,000 U.S. standard population. For method of computation, see Technical Notes.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I-21. Life expectancy at birth, by race and Hispanic origin and sex: United States, 1940, 1950, 1960, 1970, 1980, 1990, and 2000–2019

Year	All races and origins ¹			Non-Hispanic white			Non-Hispanic black			Hispanic ²		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic, single race ³												
2019 ^{4–6}	78.8	76.3	81.4	78.8	76.3	81.3	74.7	71.3	78.1	81.8	79.0	84.4
2018 ^{4,5}	78.7	76.2	81.2	78.6	76.2	81.1	74.7	71.3	78.0	81.8	79.1	84.3
Non-Hispanic, bridged race ⁷												
2019 ^{4–6}	78.8	76.3	81.4	78.8	76.4	81.3	74.9	71.5	78.2	81.8	79.0	84.4
2018 ^{4,5}	78.7	76.2	81.2	78.7	76.2	81.1	74.9	71.5	78.1	81.8	79.1	84.3
2017 ^{4,5}	78.6	76.1	81.1	78.5	76.1	81.0	74.9	71.5	78.1	81.8	79.1	84.3
2016 ^{4,5,8}	78.7	76.2	81.1	78.6	76.2	81.0	74.9	71.6	78.0	81.8	79.1	84.3
2015 ^{4,5}	78.7	76.3	81.1	78.7	76.3	81.0	75.1	71.9	78.1	82.0	79.3	84.3
2014 ^{4,5}	78.9	76.5	81.3	78.8	76.5	81.2	75.3	72.2	78.2	82.1	79.4	84.5
2013 ^{4,5}	78.8	76.4	81.2	78.8	76.5	81.2	75.1	71.9	78.1	81.9	79.2	84.2
2012 ^{4,5}	78.8	76.4	81.2	78.9	76.5	81.2	75.1	71.9	78.1	81.9	79.3	84.3
2011 ^{4,5}	78.7	76.3	81.1	78.7	76.4	81.1	75.0	71.8	77.8	81.8	79.2	84.2
2010 ^{4,5}	78.7	76.2	81.0	78.8	76.4	81.1	74.7	71.5	77.7	81.7	78.8	84.3
2009 ⁴	78.5	76.0	80.9	78.7	76.3	81.0	74.4	71.0	77.4	81.1	78.4	83.5
2008 ⁴	78.2	75.6	80.6	78.4	76.0	80.7	73.9	70.5	77.0	80.8	78.0	83.3
2007 ⁴	78.1	75.5	80.6	78.4	75.9	80.8	73.5	69.9	76.7	80.7	77.8	83.2
2006 ⁴	77.8	75.2	80.3	78.2	75.7	80.6	73.1	69.5	76.4	80.3	77.5	82.9
2005 ⁴	77.6	75.0	80.1	---	---	---	---	---	---	---	---	---
2004 ⁴	77.6	75.0	80.1	---	---	---	---	---	---	---	---	---
2003 ⁴	77.2	74.5	79.7	---	---	---	---	---	---	---	---	---
2002 ⁴	77.0	74.4	79.6	---	---	---	---	---	---	---	---	---
2001 ⁴	77.0	74.3	79.5	---	---	---	---	---	---	---	---	---
2000.....	76.8	74.1	79.3	---	---	---	---	---	---	---	---	---
1990.....	75.4	71.8	78.8	---	---	---	---	---	---	---	---	---
1980.....	73.7	70.0	77.4	---	---	---	---	---	---	---	---	---
1970.....	70.8	67.1	74.7	---	---	---	---	---	---	---	---	---
1960.....	69.7	66.6	73.1	---	---	---	---	---	---	---	---	---
1950.....	68.2	65.6	71.1	---	---	---	---	---	---	---	---	---
1940.....	62.9	60.8	65.2	---	---	---	---	---	---	---	---	---

--- Data not available.

¹Includes races and origins not shown separately.²Based on death rates adjusted for misclassification; see Technical Notes in this report.³Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget (OMB) standards; see Technical Notes. Only one race was reported on the death certificate.⁴Life table data for 2001–2019 are based on revised life table methodology; see Technical Notes.⁵Life expectancies by Hispanic origin were revised using updated adjustment factors to correct for race and Hispanic-origin misclassification.⁶Life expectancies for 2019 are preliminary estimates and may change slightly when updated data become available.⁷Race and Hispanic-origin categories are consistent with 1977 OMB standards. Multiple-race data reported according to 1997 OMB standards were bridged to single-race categories of 1977 OMB standards. For more information on areas reporting multiple race, see Technical Notes.⁸Life expectancies were revised using updated Medicare data; therefore, data may differ from those previously published; see Technical Notes.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I-22. Infant, neonatal, and postneonatal mortality rates, by race and Hispanic origin and sex: United States, 1940, 1950, 1960, 1970, 1980, 1990, 2000–2019

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days–11 months) deaths per 1,000 live births in specified group]

Year	Total ¹			Non-Hispanic white ²			Non-Hispanic black ²			Hispanic ^{2,3}		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic single race ⁴												
2019.....	5.58	6.09	5.05	4.37	4.81	3.90	11.12	12.00	10.20	5.20	5.68	4.69
2018.....	5.66	6.23	5.07	4.55	4.98	4.09	11.10	12.35	9.81	5.06	5.55	4.56
Non-Hispanic bridged race ⁵												
2019.....	5.58	6.09	5.05	4.44	4.90	3.97	11.04	11.87	10.18	5.20	5.68	4.69
2018.....	5.66	6.23	5.07	4.63	5.08	4.16	10.97	12.19	9.73	5.06	5.55	4.56
2017.....	5.79	6.32	5.24	4.61	5.07	4.12	11.46	12.59	10.29	5.35	5.76	4.93
2016.....	5.87	6.38	5.34	4.80	5.24	4.34	11.76	12.67	10.82	5.24	5.72	4.75
2015.....	5.90	6.39	5.38	4.82	5.27	4.36	11.73	12.75	10.67	5.20	5.56	4.83
2014.....	5.82	6.31	5.30	4.81	5.26	4.34	11.37	12.33	10.39	5.22	5.63	4.79
2013.....	5.96	6.52	5.38	4.96	5.53	4.36	11.61	12.48	10.73	5.27	5.65	4.88
2012.....	5.98	6.50	5.43	4.97	5.38	4.54	11.59	12.80	10.35	5.30	5.76	4.83
2011.....	6.07	6.58	5.52	5.05	5.52	4.56	11.98	13.13	10.80	5.25	5.59	4.90
2010.....	6.15	6.69	5.57	5.10	5.54	4.64	11.99	13.08	10.85	5.47	5.96	4.96
2009.....	6.39	7.01	5.75	5.25	5.76	4.71	13.07	14.60	11.49	5.43	5.86	4.98
2008.....	6.61	7.21	5.97	5.52	6.04	4.97	13.14	14.37	11.88	5.66	6.16	5.13
2007.....	6.75	7.38	6.09	5.63	6.20	5.03	13.76	15.04	12.43	5.71	6.17	5.23
2006.....	6.69	7.32	6.03	5.59	6.15	5.00	13.78	14.98	12.53	5.52	5.99	5.03
2005.....	6.87	7.56	6.15	5.71	6.69	4.79	14.28	15.75	12.76	5.81	6.34	5.25
2004.....	6.79	7.47	6.09	5.68	6.28	5.05	14.20	15.65	12.70	5.62	6.10	5.12
2003.....	6.85	7.60	6.07	5.69	6.37	4.98	14.16	15.70	12.57	5.79	6.32	5.24
2002.....	6.97	7.64	6.27	5.86	6.54	5.14	14.32	15.39	13.23	5.64	6.14	5.11
2001.....	6.85	7.52	6.14	5.72	6.30	5.12	14.03	15.53	12.49	5.49	5.99	4.97
2000.....	6.91	7.57	6.21	5.72	6.32	5.08	14.11	15.50	12.66	5.64	6.04	5.22
1990.....	9.22	10.26	8.13	---	---	---	---	---	---	---	---	---
1980.....	12.60	13.93	11.21	---	---	---	---	---	---	---	---	---
1970.....	20.01	22.37	17.52	---	---	---	---	---	---	---	---	---
1960.....	26.04	29.33	22.59	---	---	---	---	---	---	---	---	---
1950.....	29.21	32.75	25.48	---	---	---	---	---	---	---	---	---
1940.....	47.02	52.45	41.29	---	---	---	---	---	---	---	---	---

Table I-22. Infant, neonatal, and postneonatal mortality rates, by race and Hispanic origin and sex: United States, 1940, 1950, 1960, 1970, 1980, 1990, 2000–2019—Con.

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days–11 months) deaths per 1,000 live births in specified group]

Year	Total ¹			Non-Hispanic white ²			Non-Hispanic black ²			Hispanic ^{2,3}		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic single race⁴												
2019.....	3.68	4.01	3.34	2.88	3.14	2.61	7.03	7.62	6.43	3.59	3.96	3.20
2018.....	3.77	4.13	3.39	3.02	3.27	2.76	7.13	7.93	6.31	3.54	3.88	3.18
Non-Hispanic bridged race⁵												
2019.....	3.68	4.01	3.34	2.93	3.19	2.66	6.98	7.51	6.43	3.59	3.96	3.20
2018.....	3.77	4.13	3.39	3.08	3.34	2.80	7.02	7.78	6.23	3.54	3.88	3.18
2017.....	3.84	4.19	3.49	3.05	3.34	2.74	7.28	8.04	6.51	3.73	4.00	3.46
2016.....	3.87	4.19	3.54	3.10	3.33	2.86	7.64	8.32	6.95	3.63	3.94	3.30
2015.....	3.93	4.22	3.64	3.16	3.37	2.92	7.60	8.16	7.02	3.73	4.02	3.42
2014.....	3.94	4.25	3.62	3.23	3.48	2.97	7.51	8.13	6.87	3.67	3.98	3.34
2013.....	4.04	4.37	3.68	3.33	3.67	2.97	7.66	8.16	7.14	3.73	3.99	3.45
2012.....	4.01	4.34	3.67	3.31	3.54	3.06	7.58	8.30	6.83	3.71	4.05	3.35
2011.....	4.06	4.36	3.73	3.34	3.62	3.06	7.85	8.53	7.14	3.67	3.87	3.46
2010.....	4.05	4.37	3.71	3.34	3.58	3.07	7.71	8.32	7.09	3.73	4.07	3.37
2009.....	4.18	4.53	3.81	3.42	3.68	3.14	8.42	9.34	7.46	3.63	3.89	3.36
2008.....	4.29	4.67	3.89	3.53	3.84	3.21	8.46	9.24	7.64	3.81	4.16	3.45
2007.....	4.42	4.79	4.02	3.64	3.96	3.31	8.97	9.82	8.09	3.82	4.12	3.51
2006.....	4.45	4.84	4.05	3.69	4.04	3.32	9.10	9.85	8.32	3.79	4.07	3.49
2005.....	4.54	4.93	4.12	3.74	4.26	3.24	9.40	10.33	8.44	3.92	4.29	3.52
2004.....	4.52	4.94	4.09	3.76	4.13	3.37	9.36	10.21	8.48	3.84	4.17	3.49
2003.....	4.62	5.08	4.14	3.84	4.26	3.39	9.46	10.47	8.42	3.95	4.24	3.65
2002.....	4.66	5.06	4.25	3.92	4.32	3.51	9.46	10.07	8.83	3.80	4.13	3.45
2001.....	4.54	4.97	4.08	3.82	4.17	3.45	9.20	10.16	8.20	3.65	4.08	3.21
2000.....	4.63	5.06	4.17	3.84	4.21	3.45	9.36	10.35	8.34	3.74	4.01	3.45
1990.....	5.85	6.50	5.16	---	---	---	---	---	---	---	---	---
1980.....	8.48	9.31	7.60	---	---	---	---	---	---	---	---	---
1970.....	15.08	16.96	13.10	---	---	---	---	---	---	---	---	---
1960.....	18.73	21.24	16.09	---	---	---	---	---	---	---	---	---
1950.....	20.50	23.34	17.50	---	---	---	---	---	---	---	---	---
1940.....	28.75	32.56	24.74	---	---	---	---	---	---	---	---	---

Table I-22. Infant, neonatal, and postneonatal mortality rates, by race and Hispanic origin and sex: United States, 1940, 1950, 1960, 1970, 1980, 1990, 2000–2019—Con.

[Rates are infant (under 1 year), neonatal (under 28 days), and postneonatal (28 days–11 months) deaths per 1,000 live births in specified group]

Year	Total ¹			Non-Hispanic white ²			Non-Hispanic black ²			Hispanic ^{2,3}		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic single race⁴												
2019.....	1.90	2.08	1.71	1.48	1.66	1.29	4.08	4.38	3.77	1.61	1.73	1.49
2018.....	1.89	2.09	1.68	1.53	1.71	1.34	3.97	4.42	3.50	1.52	1.67	1.38
Non-Hispanic bridged race⁵												
2019.....	1.90	2.08	1.71	1.52	1.71	1.32	4.06	4.36	3.75	1.61	1.73	1.49
2018.....	1.89	2.09	1.68	1.56	1.74	1.36	3.96	4.40	3.50	1.52	1.67	1.38
2017.....	1.95	2.13	1.76	1.56	1.73	1.38	4.17	4.55	3.78	1.62	1.76	1.47
2016.....	2.00	2.19	1.80	1.70	1.90	1.48	4.11	4.35	3.87	1.62	1.78	1.45
2015.....	1.96	2.17	1.74	1.67	1.89	1.43	4.13	4.59	3.65	1.47	1.54	1.41
2014.....	1.88	2.07	1.68	1.58	1.78	1.37	3.86	4.21	3.51	1.55	1.66	1.45
2013.....	1.93	2.15	1.70	1.63	1.86	1.38	3.96	4.31	3.59	1.54	1.66	1.43
2012.....	1.97	2.16	1.76	1.66	1.84	1.47	4.02	4.49	3.52	1.60	1.71	1.47
2011.....	2.01	2.22	1.79	1.71	1.90	1.50	4.14	4.60	3.67	1.58	1.72	1.44
2010.....	2.10	2.32	1.87	1.76	1.96	1.56	4.28	4.77	3.77	1.74	1.89	1.59
2009.....	2.22	2.48	1.94	1.83	2.07	1.57	4.65	5.26	4.03	1.80	1.96	1.62
2008.....	2.32	2.54	2.08	1.99	2.20	1.76	4.69	5.12	4.23	1.84	2.00	1.68
2007.....	2.34	2.58	2.07	1.98	2.23	1.72	4.79	5.22	4.34	1.89	2.05	1.72
2006.....	2.24	2.48	1.98	1.91	2.11	1.68	4.68	5.13	4.21	1.73	1.92	1.53
2005.....	2.34	2.63	2.03	1.98	2.43	1.55	4.88	5.41	4.32	1.89	2.05	1.73
2004.....	2.27	2.53	2.00	1.92	2.15	1.68	4.84	5.45	4.22	1.78	1.93	1.63
2003.....	2.23	2.52	1.94	1.86	2.11	1.59	4.70	5.23	4.15	1.84	2.08	1.59
2002.....	2.31	2.58	2.03	1.94	2.22	1.64	4.87	5.32	4.40	1.84	2.01	1.66
2001.....	2.31	2.55	2.06	1.90	2.13	1.66	4.83	5.36	4.28	1.84	1.92	1.76
2000.....	2.28	2.51	2.04	1.88	2.11	1.63	4.74	5.15	4.32	1.90	2.02	1.77
1990.....	3.38	3.76	2.97	---	---	---	---	---	---	---	---	---
1980.....	4.13	4.62	3.61	---	---	---	---	---	---	---	---	---
1970.....	4.93	5.41	4.42	---	---	---	---	---	---	---	---	---
1960.....	7.31	8.10	6.49	---	---	---	---	---	---	---	---	---
1950.....	8.71	9.41	7.98	---	---	---	---	---	---	---	---	---
1940.....	18.27	19.89	16.55	---	---	---	---	---	---	---	---	---

--- Data not available.

¹Includes races and origins not shown separately.²Infant deaths are based on race or Hispanic origin of child as stated on the death certificate; live births are based on race or Hispanic origin of mother as stated on the birth certificate; see Technical Notes in this report.³Includes persons of Hispanic origin of any race; see Technical Notes.⁴Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget (OMB) standards; see Technical Notes. Only one race was reported on the death certificate.⁵Race and Hispanic-origin categories are consistent with 1977 OMB standards. Multiple-race data reported according to 1997 OMB standards were bridged to single-race categories of 1977 OMB standards. For more information on areas reporting multiple race, see Technical Notes.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I-23. Number of deaths, death rates, and age-adjusted death rates for dementia-related causes, by race and Hispanic origin and sex: United States, 1999–2019

[Data for specified race or Hispanic-origin groups other than non-Hispanic white and non-Hispanic black should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys, although misclassification is very minor for the Hispanic and non-Hispanic Asian or Pacific Islander populations; see Technical Notes in this report. A listing of the *International Classification of Diseases, 10th Revision* (ICD-10) codes included in this table can be found in the note at the bottom of the table]

Year	Total ¹			Non-Hispanic white			Non-Hispanic black			Non-Hispanic American Indian or Alaska Native ²			Non-Hispanic Asian or Pacific Islander ³			Hispanic ⁴		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic single race ⁵																		
Number																		
2019.....	271,872	90,482	181,390	226,969	75,549	151,420	21,629	7,067	14,562	733	254	479	...	...	...	15,412	5,243	10,169
2018.....	266,957	87,759	179,198	223,473	73,273	150,200	21,037	6,743	14,294	764	270	494	...	...	...	14,937	5,181	9,756
Non-Hispanic bridged race ⁶																		
2019.....	271,872	90,482	181,390	227,316	75,662	151,654	21,720	7,083	14,637	812	290	522	6,252	2,059	4,193	15,412	5,243	10,169
2018.....	266,957	87,759	179,198	223,804	73,394	150,410	21,130	6,769	14,361	850	311	539	5,818	1,923	3,895	14,937	5,181	9,756
2017.....	261,914	85,129	176,785	220,841	71,768	149,073	20,655	6,514	14,141	768	287	481	5,327	1,738	3,589	13,820	4,634	9,186
2016.....	249,605	80,680	168,925	211,237	68,115	143,122	19,533	6,221	13,312	756	276	480	4,898	1,596	3,302	12,687	4,278	8,409
2015.....	245,926	79,113	166,813	208,681	67,071	141,610	19,106	5,899	13,207	703	233	470	4,610	1,519	3,091	12,104	4,111	7,993
2014.....	239,753	76,911	162,842	204,418	65,449	138,969	18,403	5,733	12,670	705	223	482	4,153	1,347	2,806	11,583	3,987	7,596
2013.....	234,242	74,656	159,586	200,665	63,715	136,950	17,875	5,670	12,205	663	240	423	3,915	1,307	2,608	10,767	3,588	7,179
2012.....	223,404	71,158	152,246	191,951	60,999	130,952	16,914	5,213	11,701	630	207	423	3,547	1,186	2,361	9,943	3,411	6,532
2011.....	212,876	67,053	145,823	184,605	57,911	126,694	15,686	4,808	10,878	555	189	366	3,030	1,069	1,961	8,793	2,995	5,798
2010.....	196,371	61,961	134,410	171,009	53,634	117,375	14,219	4,401	9,818	532	178	354	2,655	958	1,697	7,744	2,717	5,027
2009.....	177,523	55,553	121,970	155,021	48,329	106,692	12,925	3,962	8,963	432	156	276	2,374	820	1,554	6,535	2,203	4,332
2008.....	178,960	54,893	124,067	157,050	47,908	109,142	12,669	3,875	8,794	441	156	285	2,157	745	1,412	6,378	2,127	4,251
2007.....	156,042	47,537	108,505	137,396	41,575	95,821	11,205	3,387	7,818	375	137	238	1,729	612	1,117	5,198	1,774	3,424
2006.....	151,432	45,937	105,495	133,436	40,137	93,299	10,655	3,231	7,424	369	125	244	1,709	625	1,084	5,076	1,757	3,319
2005.....	129,573	38,024	91,549	114,857	33,342	81,515	9,148	2,708	6,440	319	99	220	1,230	467	763	3,876	1,356	2,520
2004.....	114,271	33,467	80,804	101,794	29,596	72,198	7,857	2,339	5,518	209	71	138	1,008	359	649	3,244	1,059	2,185
2003.....	110,569	32,246	78,323	99,127	28,600	70,527	7,131	2,180	4,951	212	52	160	902	323	579	3,001	1,032	1,969
2002.....	102,105	29,891	72,214	92,088	26,693	65,395	6,342	1,924	4,418	214	83	131	742	285	457	2,461	840	1,621
2001.....	92,514	27,315	65,199	83,610	24,476	59,134	5,773	1,770	4,003	170	54	116	597	229	368	2,184	736	1,448
2000.....	83,694	24,568	59,126	75,801	21,982	53,819	5,123	1,595	3,528	167	55	112	559	219	340	1,867	671	1,196
1999.....	74,386	22,380	52,006	67,786	20,216	47,570	4,172	1,322	2,850	157	53	104	436	175	261	1,677	563	1,114

Table I-23. Number of deaths, death rates, and age-adjusted death rates for dementia-related causes, by race and Hispanic origin and sex: United States, 1999–2019—Con.

[Data for specified race or Hispanic-origin groups other than non-Hispanic white and non-Hispanic black should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys, although misclassification is very minor for the Hispanic and non-Hispanic Asian or Pacific Islander populations; see Technical Notes in this report. A listing of the *International Classification of Diseases, 10th Revision* (ICD-10) codes included in this table can be found in the note at the bottom of the table]

Year	Total ¹			Non-Hispanic white			Non-Hispanic black			Non-Hispanic American Indian or Alaska Native ²			Non-Hispanic Asian or Pacific Islander ³			Hispanic ⁴		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic single race ⁵																		
2019.....	82.8	56.0	108.9	115.0	77.6	151.4	52.6	35.9	67.8	30.1	21.2	38.7	...	...	...	25.4	17.2	33.9
2018.....	81.6	54.5	107.9	113.1	75.2	150.0	51.4	34.5	67.0	31.6	22.7	40.2	...	...	...	24.9	17.1	32.9
Non-Hispanic bridged race ⁶																		
2019.....	82.8	56.0	108.9	113.1	76.4	148.9	50.2	34.2	65.0	29.4	21.4	37.0	30.1	20.7	38.7	25.4	17.2	33.9
2018.....	81.6	54.5	107.9	111.3	74.0	147.6	49.2	32.9	64.2	31.0	23.1	38.5	28.3	19.6	36.3	24.9	17.1	32.9
2017.....	80.4	53.1	106.9	109.7	72.3	146.1	48.5	31.9	63.7	28.1	21.4	34.6	26.4	18.0	34.1	23.4	15.6	31.5
2016.....	77.2	50.7	103.0	104.9	68.6	140.2	46.4	30.8	60.6	27.9	20.7	34.8	25.1	17.1	32.5	22.1	14.7	29.6
2015.....	76.5	50.0	102.2	103.7	67.6	138.8	45.7	29.5	60.6	26.1	17.6	34.3	24.1	16.6	30.9	21.4	14.4	28.6
2014.....	75.2	49.0	100.6	101.7	66.1	136.2	44.5	29.0	58.8	26.4	17.0	35.5	22.5	15.3	29.1	20.9	14.2	27.8
2013.....	74.1	48.0	99.4	99.9	64.4	134.3	43.8	29.1	57.3	25.1	18.5	31.4	22.1	15.5	28.2	19.9	13.1	27.0
2012.....	71.2	46.1	95.5	95.6	61.8	128.5	41.9	27.0	55.5	24.0	16.1	31.7	20.7	14.5	26.3	18.8	12.7	25.0
2011.....	68.3	43.7	92.1	92.1	58.7	124.4	39.3	25.2	52.1	21.4	14.8	27.7	18.3	13.5	22.6	16.9	11.3	22.6
2010.....	63.6	40.8	85.6	85.5	54.5	115.4	36.1	23.4	47.6	20.7	14.1	27.1	16.5	12.4	20.1	15.3	10.6	20.2
2009.....	57.9	36.8	78.2	77.5	49.2	104.9	33.1	21.2	43.8	16.9	12.5	21.2	15.0	10.9	18.8	13.2	8.8	17.9
2008.....	58.9	36.7	80.2	78.6	48.8	107.4	32.8	21.0	43.5	17.4	12.6	22.2	14.1	10.1	17.7	13.3	8.7	18.1
2007.....	51.8	32.1	70.8	68.9	42.4	94.4	29.3	18.6	39.1	15.0	11.1	18.7	11.6	8.6	14.4	11.3	7.5	15.1
2006.....	50.8	31.3	69.5	67.0	41.0	92.0	28.2	18.0	37.6	14.9	10.3	19.4	11.9	9.1	14.5	11.4	7.7	15.2
2005.....	43.8	26.2	60.9	57.8	34.2	80.5	24.5	15.3	33.0	13.0	8.2	17.6	8.9	7.0	10.6	9.0	6.2	12.0
2004.....	39.0	23.3	54.2	51.3	30.4	71.3	21.3	13.3	28.6	8.6	5.9	11.2	7.5	5.6	9.3	7.8	5.0	10.8
2003.....	38.1	22.6	53.0	50.0	29.4	69.7	19.6	12.6	25.9	8.8	4.4	13.1	7.0	5.2	8.6	7.5	5.0	10.1
2002.....	35.5	21.2	49.3	46.5	27.5	64.7	17.6	11.2	23.4	9.0	7.1	10.8	5.9	4.7	7.1	6.4	4.2	8.6
2001.....	32.5	19.5	44.9	42.3	25.3	58.6	16.2	10.4	21.4	7.2	4.6	9.7	5.0	3.9	6.0	5.9	3.9	8.0
2000.....	29.7	17.8	41.2	38.4	22.8	53.4	14.6	9.6	19.2	7.1	4.8	9.4	4.9	4.0	5.8	5.3	3.7	7.0
1999.....	26.7	16.4	36.6	34.4	21.0	47.2	12.0	8.0	15.6	6.9	4.7	9.0	4.0	3.3	4.6	4.9	3.2	6.8

See footnotes at end of table.

Table I-23. Number of deaths, death rates, and age-adjusted death rates for dementia-related causes, by race and Hispanic origin and sex: United States, 1999–2019—Con.

[Data for specified race or Hispanic-origin groups other than non-Hispanic white and non-Hispanic black should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys, although misclassification is very minor for the Hispanic and non-Hispanic Asian or Pacific Islander populations; see Technical Notes in this report. A listing of the *International Classification of Diseases, 10th Revision* (ICD-10) codes included in this table can be found in the note at the bottom of the table]

Year	Total ¹			Non-Hispanic white			Non-Hispanic black			Non-Hispanic American Indian or Alaska Native ²			Non-Hispanic Asian or Pacific Islander ³			Hispanic ⁴		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic single race⁵																		
2019.....	66.6	56.6	72.6	71.2	59.9	78.1	64.5	59.6	66.3	39.2	32.3	43.3	...	...	...	47.3	41.2	50.9
2018.....	66.6	56.4	72.5	70.9	59.4	77.8	64.8	59.1	67.0	42.7	36.2	46.5	...	...	...	47.4	42.1	50.3
Non-Hispanic bridged race⁶																		
2019.....	66.6	56.6	72.6	70.9	59.6	77.9	63.8	58.7	65.7	39.1	33.5	42.3	32.7	27.3	36.0	47.3	41.2	50.9
2018.....	66.6	56.4	72.5	70.7	59.2	77.6	64.1	58.5	66.4	43.0	38.1	45.6	32.3	27.1	35.5	47.4	42.1	50.3
2017.....	66.7	56.4	72.7	70.8	59.4	77.6	65.0	58.8	67.4	41.6	38.1	43.7	31.4	26.2	34.4	46.0	39.7	49.8
2016.....	64.9	55.1	70.5	68.6	57.7	75.0	63.7	58.4	65.6	43.0	38.5	45.7	31.1	26.0	34.2	44.8	38.9	48.3
2015.....	65.2	55.4	70.7	68.6	58.0	74.8	64.1	57.3	66.6	43.0	34.8	47.7	31.0	26.2	33.7	45.2	39.5	48.5
2014.....	64.9	55.5	70.2	68.1	57.8	74.0	64.0	58.3	66.1	46.0	36.9	51.4	30.3	25.4	33.3	46.3	41.2	49.3
2013.....	64.8	55.4	69.8	67.7	57.5	73.5	64.3	59.8	65.6	45.7	41.1	48.0	30.8	26.5	33.5	46.2	39.8	49.7
2012.....	63.3	54.7	68.0	66.0	56.6	71.2	63.1	58.0	64.7	46.5	38.7	50.6	30.5	26.5	33.0	45.7	40.6	48.4
2011.....	61.8	53.1	66.3	64.5	55.0	69.5	61.1	56.2	62.7	43.6	38.4	46.5	28.2	25.8	29.8	43.1	38.2	45.9
2010.....	58.8	51.1	62.8	61.3	52.8	65.7	57.3	53.4	58.4	44.6	37.5	48.1	27.3	25.3	28.6	41.7	38.2	43.5
2009.....	54.2	46.8	57.9	56.4	48.5	60.5	53.5	49.5	54.8	37.0	33.8	38.5	25.7	22.7	27.5	36.7	32.2	39.2
2008.....	55.9	47.5	60.1	58.2	49.2	62.8	54.0	49.8	55.2	40.3	37.6	41.4	24.8	21.8	26.6	38.2	32.8	40.9
2007.....	49.8	42.4	53.5	51.8	43.7	55.8	49.1	45.1	50.4	34.4	34.5	34.7	21.3	19.1	22.6	33.0	29.7	34.7
2006.....	49.5	42.2	52.9	51.3	43.4	55.2	47.9	44.0	49.0	36.1	34.2	37.5	22.5	21.1	23.4	33.9	30.6	35.4
2005.....	43.4	36.1	46.9	45.1	37.1	49.0	42.0	37.9	43.3	32.1	25.8	35.4	17.2	16.7	17.6	27.6	25.5	28.5
2004.....	39.1	32.7	42.3	40.7	33.8	44.1	37.1	34.2	38.1	22.2	20.4	23.0	15.2	13.8	16.1	24.5	21.2	26.2
2003.....	38.4	32.1	41.4	40.1	33.3	43.4	34.1	32.0	34.6	22.7	14.3	26.9	14.3	12.8	15.3	23.8	21.8	24.7
2002.....	36.1	30.6	38.6	37.9	31.8	40.7	30.6	28.5	31.0	23.2	24.6	22.4	12.8	12.2	13.1	20.7	19.0	21.5
2001.....	33.1	28.5	35.2	34.8	29.7	37.0	27.8	26.1	28.3	18.7	16.0	20.0	11.1	10.8	11.4	19.1	17.0	20.1
2000.....	30.5	26.1	32.4	32.0	27.2	34.1	24.7	23.5	25.1	17.8	15.8	19.1	11.3	10.7	11.6	17.2	16.0	17.6
1999.....	27.5	24.2	28.9	29.0	25.3	30.4	20.4	19.5	20.5	18.7	16.0	19.7	9.4	9.1	9.6	16.4	14.8	17.2

... Category not applicable.

¹Under "Non-Hispanic single race," totals include deaths with origin not stated, origin not classifiable, and two or more races reported. Under "Non-Hispanic bridged race," totals include deaths with origin not stated; see Technical Notes.

²Includes Aleut and Eskimo persons.

³Includes Chinese, Filipino, Hawaiian, Japanese, and other Asian or Pacific Islander persons.

⁴Includes persons of Hispanic origin of any race; see Technical Notes.

⁵Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget (OMB) standards; see Technical Notes. Only one race was reported on the death certificate.

⁶Race and Hispanic-origin categories are consistent with 1977 OMB standards. Multiple-race data reported according to 1997 OMB standards were bridged to single-race categories of 1977 OMB standards. For more information on areas reporting multiple race, see Technical Notes.

⁷Rates are based on populations enumerated as of April 1 for census years and estimated as of July 1 for all other years; see Technical Notes.

⁸Age-adjusted rates are per 100,000 U.S. standard population. For method of computation, see Technical Notes.

NOTE: Causes of death attributable to Dementia-related mortality include ICD-10 codes F01 (Vascular dementia), F03 (Unspecified dementia), G30 (Alzheimer disease), and G31 (Other degenerative diseases of nervous system, not elsewhere classified).

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I-24. Number of deaths, death rates, and age-adjusted death rates for drug-induced causes, by race and Hispanic origin and sex: United States, 1999–2019

[Data for specified race or Hispanic-origin groups other than non-Hispanic white and non-Hispanic black should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys, although misclassification is very minor for the Hispanic and non-Hispanic Asian or Pacific Islander populations; see Technical Notes in this report. A listing of the *International Classification of Diseases, 10th Revision* (ICD-10) codes included in this table can be found in the note at the bottom of the table]

Year	Total ¹			Non-Hispanic white			Non-Hispanic black			Non-Hispanic American Indian or Alaska Native ²			Non-Hispanic Asian or Pacific Islander ³			Hispanic ⁴		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic single race ⁵																		
2019.....	74,511	50,393	24,118	52,796	34,490	18,306	11,115	7,968	3,147	785	465	320	...	...	...	7,837	6,106	1,731
2018.....	71,147	47,338	23,809	52,322	33,679	18,643	9,632	6,883	2,749	680	407	273	...	...	...	6,663	5,087	1,576
Non-Hispanic bridged race ⁶																		
2019.....	74,511	50,393	24,118	53,117	34,672	18,445	11,305	8,073	3,232	869	526	343	921	681	240	7,837	6,106	1,731
2018.....	71,147	47,338	23,809	52,628	33,868	18,760	9,796	6,972	2,824	768	469	299	841	595	246	6,663	5,087	1,576
2017.....	73,990	48,967	25,023	56,232	36,166	20,066	9,406	6,602	2,804	731	444	287	803	583	220	6,322	4,797	1,525
2016.....	67,265	43,931	23,334	52,156	33,288	18,868	7,719	5,292	2,427	693	401	292	686	487	199	5,540	4,130	1,410
2015.....	55,403	34,815	20,588	43,917	26,902	17,015	5,505	3,664	1,841	593	353	240	577	416	161	4,387	3,175	1,212
2014.....	49,714	30,510	19,204	39,820	23,949	15,871	4,730	3,019	1,711	580	343	237	487	313	174	3,790	2,687	1,103
2013.....	46,471	28,381	18,090	37,359	22,332	15,027	4,282	2,766	1,516	509	265	244	456	302	154	3,616	2,546	1,070
2012.....	43,819	26,594	17,225	35,497	21,175	14,322	3,842	2,402	1,440	516	274	242	416	279	137	3,272	2,283	989
2011.....	43,544	26,444	17,100	35,510	21,233	14,277	3,766	2,355	1,411	483	267	216	419	266	153	3,152	2,175	977
2010.....	40,393	24,376	16,017	33,145	19,689	13,456	3,502	2,170	1,332	439	239	200	334	205	129	2,788	1,944	844
2009.....	39,147	24,015	15,132	31,749	19,107	12,642	3,588	2,274	1,314	456	267	189	331	216	115	2,811	2,013	798
2008.....	38,649	23,928	14,721	31,448	19,044	12,404	3,589	2,326	1,263	413	249	164	285	172	113	2,761	2,033	728
2007.....	38,371	23,883	14,488	30,755	18,760	11,995	4,126	2,662	1,464	363	185	178	288	164	124	2,723	2,045	678
2006.....	38,396	24,507	13,889	29,970	18,634	11,336	4,722	3,212	1,510	376	229	147	311	187	124	2,871	2,135	736
2005.....	33,541	21,208	12,333	26,186	16,170	10,016	4,019	2,612	1,407	344	194	150	260	164	96	2,596	1,969	627
2004.....	30,711	19,362	11,349	24,201	14,952	9,249	3,577	2,309	1,268	332	195	137	229	149	80	2,257	1,671	586
2003.....	28,723	18,426	10,297	22,245	13,959	8,286	3,466	2,256	1,210	275	154	121	213	128	85	2,358	1,800	558
2002.....	26,040	16,734	9,306	19,949	12,478	7,471	3,404	2,264	1,140	214	123	91	189	113	76	2,137	1,647	490
2001.....	21,705	14,253	7,452	16,367	10,465	5,902	3,099	2,113	986	179	97	82	154	103	51	1,731	1,335	396
2000.....	19,720	13,137	6,583	14,585	9,439	5,146	2,977	2,050	927	143	86	57	130	81	49	1,700	1,348	352
1999.....	19,128	12,885	6,243	13,644	8,831	4,813	3,030	2,134	896	155	90	65	137	81	56	1,965	1,605	360

Table I-24. Number of deaths, death rates, and age-adjusted death rates for drug-induced causes, by race and Hispanic origin and sex: United States, 1999–2019—Con.

[Data for specified race or Hispanic-origin groups other than non-Hispanic white and non-Hispanic black should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys, although misclassification is very minor for the Hispanic and non-Hispanic Asian or Pacific Islander populations; see Technical Notes in this report. A listing of the *International Classification of Diseases, 10th Revision* (ICD-10) codes included in this table can be found in the note at the bottom of the table]

Year	Total ¹			Non-Hispanic white			Non-Hispanic black			Non-Hispanic American Indian or Alaska Native ²			Non-Hispanic Asian or Pacific Islander ³			Hispanic ⁴		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic single race ⁵																		
2019.....	22.7	31.2	14.5	26.8	35.4	18.3	27.0	40.5	14.7	32.2	38.8	25.9	...	...	...	12.9	20.0	5.8
2018.....	21.7	29.4	14.3	26.5	34.6	18.6	23.5	35.2	12.9	28.1	34.2	22.2	...	...	...	11.1	16.8	5.3
Non-Hispanic bridged race ⁶																		
2019.....	22.7	31.2	14.5	26.4	35.0	18.1	26.1	39.0	14.4	31.4	38.8	24.3	4.4	6.9	2.2	12.9	20.0	5.8
2018.....	21.7	29.4	14.3	26.2	34.2	18.4	22.8	33.9	12.6	28.0	34.8	21.4	4.1	6.1	2.3	11.1	16.8	5.3
2017.....	22.7	30.5	15.1	27.9	36.4	19.7	22.1	32.3	12.6	26.8	33.2	20.6	4.0	6.0	2.1	10.7	16.1	5.2
2016.....	20.8	27.6	14.2	25.9	33.5	18.5	18.3	26.2	11.1	25.6	30.1	21.1	3.5	5.2	2.0	9.6	14.2	5.0
2015.....	17.2	22.0	12.6	21.8	27.1	16.7	13.2	18.3	8.5	22.0	26.7	17.5	3.0	4.6	1.6	7.8	11.1	4.3
2014.....	15.6	19.4	11.9	19.8	24.2	15.6	11.4	15.3	7.9	21.7	26.2	17.4	2.6	3.6	1.8	6.8	9.6	4.0
2013.....	14.7	18.2	11.3	18.6	22.6	14.7	10.5	14.2	7.1	19.3	20.4	18.1	2.6	3.6	1.7	6.7	9.3	4.0
2012.....	14.0	17.2	10.8	17.7	21.4	14.1	9.5	12.4	6.8	19.7	21.3	18.1	2.4	3.4	1.5	6.2	8.5	3.8
2011.....	14.0	17.3	10.8	17.7	21.5	14.0	9.4	12.3	6.8	18.6	20.9	16.3	2.5	3.4	1.8	6.1	8.2	3.8
2010.....	13.1	16.1	10.2	16.6	20.0	13.2	8.9	11.5	6.5	17.1	19.0	15.3	2.1	2.7	1.5	5.5	7.6	3.4
2009.....	12.8	15.9	9.7	15.9	19.4	12.4	9.2	12.2	6.4	17.9	21.3	14.5	2.1	2.9	1.4	5.7	8.0	3.3
2008.....	12.7	16.0	9.5	15.7	19.4	12.2	9.3	12.6	6.2	16.3	20.1	12.7	1.9	2.3	1.4	5.8	8.4	3.1
2007.....	12.7	16.1	9.5	15.4	19.1	11.8	10.8	14.6	7.3	14.5	15.0	14.0	1.9	2.3	1.6	5.9	8.7	3.0
2006.....	12.9	16.7	9.2	15.0	19.1	11.2	12.5	17.9	7.6	15.2	18.8	11.7	2.2	2.7	1.7	6.4	9.4	3.4
2005.....	11.3	14.6	8.2	13.2	16.6	9.9	10.8	14.7	7.2	14.0	16.1	12.0	1.9	2.5	1.3	6.0	9.0	3.0
2004.....	10.5	13.5	7.6	12.2	15.4	9.1	9.7	13.2	6.6	13.7	16.3	11.1	1.7	2.3	1.2	5.4	7.9	2.9
2003.....	9.9	12.9	7.0	11.2	14.4	8.2	9.5	13.0	6.3	11.4	13.0	9.9	1.6	2.0	1.3	5.9	8.8	2.9
2002.....	9.1	11.8	6.4	10.1	12.9	7.4	9.4	13.2	6.0	9.0	10.5	7.5	1.5	1.9	1.2	5.5	8.3	2.6
2001.....	7.6	10.2	5.1	8.3	10.8	5.8	8.7	12.5	5.3	7.6	8.3	6.8	1.3	1.8	0.8	4.7	7.0	2.2
2000.....	7.0	9.5	4.6	7.4	9.8	5.1	8.5	12.3	5.0	6.1	7.4	4.8	1.1	1.5	0.8	4.8	7.4	2.1
1999.....	6.9	9.4	4.4	6.9	9.2	4.8	8.7	12.9	4.9	6.8	8.1	5.6	1.3	1.5	1.0	5.8	9.2	2.2

Table I-24. Number of deaths, death rates, and age-adjusted death rates for drug-induced causes, by race and Hispanic origin and sex: United States, 1999–2019—Con.

[Data for specified race or Hispanic-origin groups other than non-Hispanic white and non-Hispanic black should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys, although misclassification is very minor for the Hispanic and non-Hispanic Asian or Pacific Islander populations; see Technical Notes in this report. A listing of the *International Classification of Diseases, 10th Revision* (ICD-10) codes included in this table can be found in the note at the bottom of the table]

Year	Total ¹			Non-Hispanic white			Non-Hispanic black			Non-Hispanic American Indian or Alaska Native ²			Non-Hispanic Asian or Pacific Islander ³			Hispanic ⁴		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic single race ⁵																		
2019.....	22.8	31.1	14.5	27.4	36.1	18.7	26.1	39.9	14.2	33.0	40.0	26.2	...	...	...	13.4	20.5	6.0
2018.....	21.8	29.3	14.3	27.2	35.3	19.0	22.7	34.6	12.3	29.2	35.5	23.1	...	...	...	11.6	17.5	5.6
Non-Hispanic bridged race ⁶																		
2019.....	22.8	31.1	14.5	27.2	35.8	18.5	25.9	39.3	14.1	32.5	40.3	25.0	4.2	6.4	2.1	13.4	20.5	6.0
2018.....	21.8	29.3	14.3	27.0	35.1	18.8	22.5	34.1	12.4	29.3	36.5	22.4	3.8	5.7	2.1	11.6	17.5	5.6
2017.....	22.8	30.5	15.2	28.8	37.4	20.1	21.9	32.7	12.5	27.9	34.4	21.6	3.7	5.6	2.0	11.2	16.8	5.5
2016.....	20.8	27.6	14.2	26.6	34.3	18.7	18.2	26.6	10.9	26.3	30.6	21.9	3.3	5.0	1.8	10.1	14.8	5.3
2015.....	17.2	21.9	12.5	22.1	27.5	16.7	13.2	18.7	8.4	22.8	27.6	18.1	2.8	4.3	1.6	8.2	11.7	4.7
2014.....	15.5	19.3	11.7	19.8	24.3	15.3	11.5	15.6	7.9	22.5	26.9	18.3	2.5	3.4	1.7	7.3	10.3	4.4
2013.....	14.6	18.0	11.1	18.5	22.5	14.5	10.5	14.5	7.1	20.0	21.1	18.8	2.5	3.5	1.6	7.3	10.0	4.4
2012.....	13.8	17.0	10.7	17.6	21.4	13.8	9.6	12.8	6.8	20.3	21.8	18.7	2.3	3.2	1.4	6.8	9.3	4.2
2011.....	13.9	17.0	10.7	17.6	21.4	13.8	9.5	12.7	6.8	19.3	21.8	16.9	2.4	3.2	1.7	6.6	8.9	4.3
2010.....	12.9	15.9	10.0	16.4	19.8	12.9	9.0	11.9	6.5	17.6	19.7	15.6	2.0	2.6	1.5	6.1	8.4	3.8
2009.....	12.6	15.7	9.5	15.7	19.2	12.1	9.4	12.8	6.5	18.6	22.3	15.0	2.1	2.8	1.4	6.4	8.9	3.7
2008.....	12.6	15.8	9.4	15.6	19.2	11.9	9.6	13.3	6.3	16.6	20.5	13.0	1.8	2.3	1.3	6.4	9.3	3.5
2007.....	12.6	16.0	9.3	15.2	19.0	11.5	11.2	15.5	7.5	15.0	15.4	14.3	1.9	2.2	1.6	6.6	9.7	3.4
2006.....	12.8	16.6	9.1	14.9	18.9	10.9	13.1	19.2	7.9	16.2	19.8	12.7	2.2	2.8	1.7	7.3	10.6	3.9
2005.....	11.3	14.5	8.1	13.0	16.3	9.6	11.3	15.9	7.4	14.7	16.8	12.6	1.9	2.5	1.3	6.9	10.2	3.5
2004.....	10.5	13.4	7.6	12.1	15.2	8.9	10.3	14.5	6.8	14.1	16.8	11.5	1.7	2.4	1.2	6.3	9.1	3.4
2003.....	9.9	12.9	7.0	11.1	14.2	8.0	10.1	14.3	6.6	11.9	13.5	10.3	1.6	2.0	1.2	6.7	10.1	3.3
2002.....	9.1	11.8	6.3	9.9	12.6	7.2	10.1	14.5	6.3	9.3	10.7	7.8	1.6	2.0	1.2	6.3	9.5	3.0
2001.....	7.6	10.1	5.1	8.1	10.5	5.7	9.3	13.8	5.5	8.0	9.1	7.1	1.3	1.8	0.8	5.3	8.0	2.5
2000.....	7.0	9.5	4.6	7.2	9.6	4.9	9.1	13.6	5.3	6.3	7.6	4.9	1.1	1.4	0.8	5.4	8.3	2.4
1999.....	6.8	9.4	4.4	6.8	8.9	4.6	9.4	14.4	5.2	7.1	8.5	5.8	1.3	1.5	1.0	6.4	10.3	2.5

... Category not applicable.

¹Under "Non-Hispanic single race," totals include deaths with origin not stated, origin not classifiable, and two or more races reported. Under "Non-Hispanic bridged race," totals include deaths with origin not stated; see Technical Notes.

²Includes Aleut and Eskimo persons.

³Includes Chinese, Filipino, Hawaiian, Japanese, and other Asian or Pacific Islander persons.

⁴Includes persons of Hispanic origin of any race; see Technical Notes.

⁵Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget (OMB) standards; see Technical Notes. Only one race was reported on the death certificate.

⁶Race and Hispanic-origin categories are consistent with 1977 OMB standards. Multiple-race data reported according to 1997 OMB standards were bridged to single-race categories of 1977 OMB standards. For more information on areas reporting multiple race, see Technical Notes.

⁷Rates are based on populations enumerated as of April 1 for census years and estimated as of July 1 for all other years; see Technical Notes.

⁸Age-adjusted rates are per 100,000 U.S. standard population. For method of computation, see Technical Notes.

NOTE: Causes of death attributable to drug-induced mortality include ICD-10 codes D52.1, D59.0, D59.2, D61.1, D64.2, E06.4, E16.0, E23.1, E24.2, E27.3, E66.1, F11.1–F11.5, F11.7–F11.9, F12.1–F12.5, F12.7–F12.9, F13.1–F13.5, F13.7–F13.9, F14.1–F14.5, F14.7–F14.9, F15.1–F15.5, F15.7–F15.9, F16.1–F16.5, F16.7–F16.9, F17.3–F17.5, F17.7–F17.9, F18.1–F18.5, F18.7–F18.9, F19.1–F19.5, F19.7–F19.9, G21.1, G24.0, G25.1, G25.4, G25.6, G44.4, G62.0, G72.0, I95.2, J70.2–J70.4, K85.3, L10.5, L27.0–L27.1, M10.2, M32.0, M80.4, M81.4, M83.5, M87.1, R50.2, R78.1–R78.5, X40–X44, X60–X64, X85, and Y10–Y14. In 2006, the list of drug-induced codes was modified to include two new ICD-10 codes, Drug-induced acute pancreatitis (K85.3) and Drug-induced fever (R50.2).

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I-25. Number of deaths, death rates, and age-adjusted death rates for alcohol-induced causes, by race and Hispanic origin and sex: United States, 1999–2019

[Data for specified race or Hispanic-origin groups other than non-Hispanic white and non-Hispanic black should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys, although misclassification is very minor for the Hispanic and non-Hispanic Asian or Pacific Islander populations; see Technical Notes in this report. A listing of the *International Classification of Diseases, 10th Revision* (ICD-10) codes included in this table can be found in the note at the bottom of the table]

Year	Total ¹			Non-Hispanic white			Non-Hispanic black			Non-Hispanic American Indian or Alaska Native ²			Non-Hispanic Asian or Pacific Islander ³			Hispanic ⁴		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic single race ⁵																		
2019.....	39,043	27,921	11,122	27,951	19,588	8,363	3,391	2,409	982	1,315	785	530	...	...	...	5,458	4,442	1,016
2018.....	37,329	26,820	10,509	26,987	19,001	7,986	3,143	2,234	909	1,312	793	519	...	...	...	4,969	4,109	860
Non-Hispanic bridged race ⁶																		
2019.....	39,043	27,921	11,122	28,061	19,649	8,412	3,420	2,425	995	1,372	828	544	535	415	120	5,458	4,442	1,016
2018.....	37,329	26,820	10,509	27,108	19,072	8,036	3,175	2,252	923	1,371	847	524	531	407	124	4,969	4,109	860
2017.....	35,823	25,911	9,912	26,064	18,486	7,578	3,022	2,172	850	1,206	753	453	498	398	100	4,817	3,934	883
2016.....	34,865	25,221	9,644	25,323	18,000	7,323	2,963	2,118	845	1,225	781	444	415	327	88	4,711	3,814	897
2015.....	33,171	23,996	9,175	24,017	17,096	6,921	2,858	1,970	888	1,179	762	417	391	313	78	4,474	3,643	831
2014.....	30,722	22,389	8,333	22,298	15,996	6,302	2,637	1,868	769	1,078	658	420	382	314	68	4,127	3,393	734
2013.....	29,001	21,361	7,640	21,260	15,401	5,859	2,519	1,862	657	1,018	661	357	316	249	67	3,698	3,034	664
2012.....	27,762	20,418	7,344	20,384	14,754	5,630	2,385	1,726	659	996	635	361	315	266	49	3,513	2,903	610
2011.....	26,654	19,492	7,162	19,471	14,026	5,445	2,392	1,706	686	901	553	348	320	261	59	3,445	2,842	603
2010.....	25,692	19,038	6,654	18,806	13,735	5,071	2,296	1,661	635	893	581	312	247	201	46	3,326	2,759	567
2009.....	24,518	18,088	6,430	17,902	12,986	4,916	2,299	1,688	611	789	480	309	275	221	54	3,139	2,618	521
2008.....	24,189	18,152	6,037	17,759	13,160	4,599	2,240	1,660	580	823	520	303	263	221	42	3,021	2,522	499
2007.....	23,199	17,428	5,771	16,935	12,474	4,461	2,210	1,674	536	740	467	273	245	196	49	2,977	2,539	438
2006.....	22,073	16,472	5,601	16,114	11,837	4,277	2,128	1,561	567	691	438	253	254	219	35	2,804	2,341	463
2005.....	21,634	16,238	5,396	15,729	11,610	4,119	2,282	1,670	612	643	424	219	223	186	37	2,658	2,265	393
2004.....	21,081	15,906	5,175	15,418	11,428	3,990	2,318	1,754	564	627	403	224	204	176	28	2,406	2,056	350
2003.....	20,687	15,630	5,057	14,977	11,133	3,844	2,367	1,787	580	643	418	225	173	152	21	2,422	2,048	374
2002.....	20,218	15,272	4,946	14,494	10,783	3,711	2,396	1,768	628	582	375	207	189	152	37	2,408	2,065	343
2001.....	20,114	15,149	4,965	14,186	10,497	3,689	2,677	2,016	661	576	375	201	154	121	33	2,381	2,026	355
2000.....	19,643	14,993	4,650	13,815	10,408	3,407	2,672	1,959	713	527	346	181	163	130	33	2,323	2,024	299
1999.....	19,469	14,894	4,575	13,633	10,337	3,296	2,794	2,066	728	574	384	190	142	118	24	2,184	1,864	320

Table I-25. Number of deaths, death rates, and age-adjusted death rates for alcohol-induced causes, by race and Hispanic origin and sex: United States, 1999–2019—Con.

[Data for specified race or Hispanic-origin groups other than non-Hispanic white and non-Hispanic black should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys, although misclassification is very minor for the Hispanic and non-Hispanic Asian or Pacific Islander populations; see Technical Notes in this report. A listing of the *International Classification of Diseases, 10th Revision* (ICD-10) codes included in this table can be found in the note at the bottom of the table]

Year	Total ¹			Non-Hispanic white			Non-Hispanic black			Non-Hispanic American Indian or Alaska Native ²			Non-Hispanic Asian or Pacific Islander ³			Hispanic ⁴		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic single race⁵																		
2019.....	11.9	17.3	6.7	14.2	20.1	8.4	8.2	12.2	4.6	54.0	65.5	42.9	...	...	...	9.0	14.5	3.4
2018.....	11.4	16.6	6.3	13.7	19.5	8.0	7.7	11.4	4.3	54.3	66.7	42.3	...	...	...	8.3	13.6	2.9
Non-Hispanic bridged race⁶																		
2019.....	11.9	17.3	6.7	14.0	19.8	8.3	7.9	11.7	4.4	49.6	61.1	38.6	2.6	4.2	1.1	9.0	14.5	3.4
2018.....	11.4	16.6	6.3	13.5	19.2	7.9	7.4	10.9	4.1	49.9	62.9	37.4	2.6	4.1	1.2	8.3	13.6	2.9
2017.....	11.0	16.2	6.0	13.0	18.6	7.4	7.1	10.6	3.8	44.2	56.2	32.6	2.5	4.1	0.9	8.2	13.2	3.0
2016.....	10.8	15.9	5.9	12.6	18.1	7.2	7.0	10.5	3.8	45.2	58.7	32.2	2.1	3.5	0.9	8.2	13.1	3.2
2015.....	10.3	15.2	5.6	11.9	17.2	6.8	6.8	9.9	4.1	43.8	57.7	30.5	2.0	3.4	0.8	7.9	12.7	3.0
2014.....	9.6	14.3	5.1	11.1	16.2	6.2	6.4	9.5	3.6	40.4	50.3	30.9	2.1	3.6	0.7	7.5	12.1	2.7
2013.....	9.2	13.7	4.8	10.6	15.6	5.7	6.2	9.5	3.1	38.5	51.0	26.5	1.8	2.9	0.7	6.8	11.0	2.5
2012.....	8.8	13.2	4.6	10.2	14.9	5.5	5.9	8.9	3.1	38.0	49.4	27.0	1.8	3.2	0.5	6.6	10.8	2.3
2011.....	8.6	12.7	4.5	9.7	14.2	5.3	6.0	8.9	3.3	34.7	43.4	26.3	1.9	3.3	0.7	6.6	10.7	2.4
2010.....	8.3	12.5	4.2	9.4	14.0	5.0	5.8	8.8	3.1	34.8	46.1	23.8	1.5	2.6	0.5	6.6	10.8	2.3
2009.....	8.0	12.0	4.1	9.0	13.2	4.8	5.9	9.1	3.0	30.9	38.3	23.8	1.7	2.9	0.7	6.4	10.4	2.1
2008.....	8.0	12.1	3.9	8.9	13.4	4.5	5.8	9.0	2.9	32.5	41.9	23.6	1.7	3.0	0.5	6.3	10.4	2.1
2007.....	7.7	11.8	3.8	8.5	12.7	4.4	5.8	9.2	2.7	29.6	38.0	21.4	1.6	2.8	0.6	6.4	10.8	1.9
2006.....	7.4	11.2	3.7	8.1	12.1	4.2	5.6	8.7	2.9	27.9	36.0	20.1	1.8	3.2	0.5	6.3	10.3	2.1
2005.....	7.3	11.2	3.6	7.9	11.9	4.1	6.1	9.4	3.1	26.2	35.2	17.6	1.6	2.8	0.5	6.2	10.3	1.9
2004.....	7.2	11.1	3.5	7.8	11.7	3.9	6.3	10.0	2.9	25.8	33.7	18.2	1.5	2.7	0.4	5.8	9.7	1.7
2003.....	7.1	11.0	3.4	7.6	11.5	3.8	6.5	10.3	3.0	26.7	35.3	18.4	1.3	2.4	0.3	6.0	10.0	1.9
2002.....	7.0	10.8	3.4	7.3	11.1	3.7	6.6	10.3	3.3	24.4	32.0	17.1	1.5	2.5	0.6	6.2	10.4	1.8
2001.....	7.1	10.8	3.4	7.2	10.8	3.7	7.5	11.9	3.5	24.4	32.2	16.8	1.3	2.1	0.5	6.4	10.6	2.0
2000.....	7.0	10.9	3.2	7.0	10.8	3.4	7.6	11.7	3.9	22.5	29.9	15.2	1.4	2.4	0.6	6.6	11.1	1.7
1999.....	7.0	10.9	3.2	6.9	10.7	3.3	8.0	12.5	4.0	25.3	34.4	16.5	1.3	2.2	0.4	6.4	10.7	1.9

Table I-25. Number of deaths, death rates, and age-adjusted death rates for alcohol-induced causes, by race and Hispanic origin and sex: United States, 1999–2019—Con.

[Data for specified race or Hispanic-origin groups other than non-Hispanic white and non-Hispanic black should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys, although misclassification is very minor for the Hispanic and non-Hispanic Asian or Pacific Islander populations; see Technical Notes in this report. A listing of the *International Classification of Diseases, 10th Revision* (ICD-10) codes included in this table can be found in the note at the bottom of the table]

Year	Total ¹			Non-Hispanic white			Non-Hispanic black			Non-Hispanic American Indian or Alaska Native ²			Non-Hispanic Asian or Pacific Islander ³			Hispanic ⁴		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic single race⁵																		
2019.....	10.4	15.2	5.9	11.2	15.8	6.8	7.6	11.9	4.2	54.0	65.7	43.3	...	...	...	10.6	17.8	3.8
2018.....	9.9	14.7	5.6	10.7	15.3	6.5	7.1	11.2	3.9	54.5	68.2	42.1	...	...	...	9.9	17.1	3.3
Non-Hispanic bridged race⁶																		
2019.....	10.4	15.2	5.9	11.1	15.7	6.8	7.5	11.8	4.1	50.5	62.4	39.6	2.4	4.1	1.0	10.6	17.8	3.8
2018.....	9.9	14.7	5.6	10.7	15.2	6.4	7.1	11.1	3.9	51.2	65.9	38.0	2.4	4.0	1.1	9.9	17.1	3.3
2017.....	9.6	14.3	5.3	10.3	14.8	6.1	6.9	10.9	3.6	45.7	58.9	33.6	2.4	4.1	0.9	9.9	16.9	3.5
2016.....	9.5	14.1	5.2	10.1	14.4	6.0	6.8	10.9	3.6	46.4	61.3	32.7	2.0	3.5	0.8	10.1	17.2	3.7
2015.....	9.1	13.6	5.0	9.6	13.8	5.6	6.7	10.3	3.9	45.6	60.9	31.5	1.9	3.4	0.7	9.9	16.9	3.5
2014.....	8.5	12.9	4.6	9.0	13.0	5.1	6.3	10.0	3.4	42.0	52.8	32.1	2.0	3.6	0.7	9.5	16.4	3.3
2013.....	8.2	12.5	4.3	8.6	12.6	4.8	6.2	10.2	3.0	40.2	54.2	27.4	1.7	3.0	0.7	9.0	15.3	3.1
2012.....	8.0	12.1	4.2	8.3	12.2	4.6	6.0	9.7	3.1	40.3	53.7	28.3	1.8	3.3	0.5	8.8	15.2	3.0
2011.....	7.7	11.7	4.1	8.0	11.7	4.5	6.1	9.7	3.2	36.4	47.0	26.9	1.9	3.4	0.7	9.0	15.6	3.0
2010.....	7.6	11.7	3.9	7.8	11.6	4.2	6.1	9.8	3.1	36.9	50.7	24.6	1.5	2.7	0.5	9.1	16.0	3.0
2009.....	7.4	11.3	3.8	7.5	11.1	4.1	6.2	10.2	3.0	33.0	41.4	25.0	1.8	3.1	0.7	8.9	15.6	2.9
2008.....	7.4	11.5	3.6	7.5	11.4	3.9	6.2	10.4	2.9	35.5	47.1	25.3	1.8	3.2	0.5	8.9	15.5	2.8
2007.....	7.2	11.3	3.5	7.2	10.9	3.8	6.3	10.9	2.8	32.0	42.7	22.3	1.7	3.0	0.7	9.4	16.8	2.7
2006.....	7.0	10.9	3.4	6.9	10.5	3.6	6.2	10.2	3.0	30.8	40.7	21.7	1.9	3.5	0.5	9.2	16.2	3.0
2005.....	7.0	11.0	3.4	6.8	10.4	3.5	6.9	11.3	3.3	29.1	40.7	18.9	1.7	3.1	0.5	9.1	16.5	2.6
2004.....	7.0	11.0	3.3	6.8	10.5	3.5	7.2	12.2	3.2	29.2	40.0	19.7	1.7	3.2	0.4	8.6	15.4	2.5
2003.....	7.0	11.0	3.3	6.7	10.4	3.4	7.5	12.8	3.3	30.2	41.4	20.0	1.5	2.8	0.3	9.2	16.4	2.8
2002.....	6.9	11.0	3.3	6.6	10.2	3.3	7.9	13.2	3.7	28.1	38.4	18.9	1.8	3.1	0.6	9.7	17.4	2.7
2001.....	7.0	11.2	3.3	6.5	10.0	3.3	9.0	15.3	4.0	28.4	39.9	18.6	1.5	2.6	0.6	10.1	18.2	2.9
2000.....	7.0	11.4	3.2	6.4	10.1	3.1	9.3	15.5	4.4	26.7	37.2	17.4	1.7	2.8	0.7	10.5	19.4	2.6
1999.....	7.1	11.5	3.2	6.4	10.2	3.0	10.0	16.9	4.6	30.5	44.3	18.8	1.5	2.8	0.5	10.3	18.6	3.0

... Category not applicable.

¹Under "Non-Hispanic single race," totals include deaths with origin not stated, origin not classifiable, and two or more races reported. Under "Non-Hispanic bridged race," totals include deaths with origin not stated; see Technical Notes.

²Includes Aleut and Eskimo persons.

³Includes Chinese, Filipino, Hawaiian, Japanese, and other Asian or Pacific Islander persons.

⁴Includes persons of Hispanic origin of any race; see Technical Notes.

⁵Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget (OMB) standards; see Technical Notes. Only one race was reported on the death certificate.

⁶Race and Hispanic-origin categories are consistent with 1977 OMB standards. Multiple-race data reported according to 1997 OMB standards were bridged to single-race categories of 1977 OMB standards. For more information on areas reporting multiple race, see Technical Notes.

⁷Rates are based on populations enumerated as of April 1 for census years and estimated as of July 1 for all other years; see Technical Notes.

⁸Age-adjusted rates are per 100,000 U.S. standard population. For method of computation, see Technical Notes.

NOTE: Causes of death attributable to alcohol-induced mortality include ICD-10 codes E24.4, F10, G31.2, G62.1, G72.1, I42.6, K29.2, K70, K85.2, K86.0, R78.0, X45, X65, and Y15. In 2006, the list of alcohol-induced codes was modified to include a new ICD-10 code, Alcohol-induced acute pancreatitis (K85.2).

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I-26. Number of deaths, death rates, and age-adjusted death rates for injury by firearms, by race and Hispanic origin and sex: United States, 1999–2019

[Data for specified race or Hispanic-origin groups other than non-Hispanic white and non-Hispanic black should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys, although misclassification is very minor for the Hispanic and non-Hispanic Asian or Pacific Islander populations; see Technical Notes in this report. A listing of the *International Classification of Diseases, 10th Revision* (ICD-10) codes included in this table can be found in the note at the bottom of the table]

Year	Total ¹			Non-Hispanic white			Non-Hispanic black			Non-Hispanic American Indian or Alaska Native ²			Non-Hispanic Asian or Pacific Islander ³			Hispanic ⁴		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic single race ⁵																		
2019.....	39,707	34,041	5,666	23,964	20,173	3,791	10,288	9,198	1,090	336	272	64	...	...	...	4,058	3,503	555
2018.....	39,740	33,955	5,785	24,643	20,745	3,898	9,713	8,567	1,146	361	298	63	...	...	...	4,018	3,521	497
Non-Hispanic bridged race ⁶																		
2019.....	39,707	34,041	5,666	24,151	20,340	3,811	10,395	9,277	1,118	385	315	70	640	532	108	4,058	3,503	555
2018.....	39,740	33,955	5,785	24,789	20,860	3,929	9,801	8,640	1,161	427	356	71	618	503	115	4,018	3,521	497
2017.....	39,773	34,062	5,711	24,690	20,686	4,004	10,117	9,107	1,010	394	333	61	588	479	109	3,884	3,369	515
2016.....	38,658	32,994	5,664	23,857	19,893	3,964	9,973	8,906	1,067	390	323	67	584	480	104	3,771	3,316	455
2015.....	36,252	31,032	5,220	23,026	19,208	3,818	8,904	8,068	836	353	301	52	504	426	78	3,332	2,912	420
2014.....	33,594	28,715	4,879	22,141	18,515	3,626	7,601	6,873	728	311	261	50	418	340	78	3,010	2,630	380
2013.....	33,636	28,794	4,842	22,149	18,558	3,591	7,697	6,934	763	294	256	38	455	369	86	2,951	2,595	356
2012.....	33,563	28,838	4,725	21,716	18,273	3,443	7,922	7,107	815	308	270	38	450	371	79	3,061	2,724	337
2011.....	32,351	27,738	4,613	21,174	17,785	3,389	7,436	6,696	740	273	225	48	417	336	81	2,947	2,608	339
2010.....	31,672	27,356	4,316	20,513	17,350	3,163	7,330	6,607	723	293	246	47	383	329	54	3,008	2,694	314
2009.....	31,347	26,921	4,426	19,955	16,752	3,203	7,345	6,604	741	268	218	50	413	334	79	3,202	2,867	335
2008.....	31,593	27,336	4,257	19,873	16,822	3,051	7,741	6,997	744	256	213	43	382	319	63	3,256	2,912	344
2007.....	31,224	27,047	4,177	18,861	15,925	2,936	8,133	7,326	807	228	195	33	419	363	56	3,492	3,155	337
2006.....	30,896	26,712	4,184	18,312	15,411	2,901	8,294	7,460	834	264	227	37	459	384	75	3,464	3,142	322
2005.....	30,694	26,657	4,037	18,521	15,672	2,849	7,865	7,122	743	285	245	40	432	367	65	3,469	3,144	325
2004.....	29,569	25,498	4,071	18,200	15,283	2,917	7,347	6,620	727	261	219	42	381	314	67	3,278	2,973	305
2003.....	30,136	26,124	4,012	18,457	15,670	2,787	7,566	6,794	772	259	219	40	428	353	75	3,319	2,998	321
2002.....	30,242	26,098	4,144	18,762	15,881	2,881	7,494	6,681	813	271	225	46	417	340	77	3,143	2,834	309
2001.....	29,573	25,480	4,093	18,676	15,760	2,916	7,063	6,323	740	221	179	42	381	311	70	3,087	2,774	313
2000.....	28,663	24,582	4,081	18,042	15,160	2,882	6,958	6,193	765	226	184	42	411	344	67	2,891	2,582	309
1999.....	28,874	24,700	4,174	18,260	15,384	2,876	6,933	6,114	819	247	212	35	437	340	97	2,878	2,549	329

See footnotes at end of table.

Table I-26. Number of deaths, death rates, and age-adjusted death rates for injury by firearms, by race and Hispanic origin and sex: United States, 1999–2019—Con.

[Data for specified race or Hispanic-origin groups other than non-Hispanic white and non-Hispanic black should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys, although misclassification is very minor for the Hispanic and non-Hispanic Asian or Pacific Islander populations; see Technical Notes in this report. A listing of the *International Classification of Diseases, 10th Revision* (ICD-10) codes included in this table can be found in the note at the bottom of the table]

Year	Total ¹			Non-Hispanic white			Non-Hispanic black			Non-Hispanic American Indian or Alaska Native ²			Non-Hispanic Asian or Pacific Islander ³			Hispanic ⁴		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic single race ⁵																		
2019.....	12.1	21.1	3.4	12.1	20.7	3.8	25.0	46.8	5.1	13.8	22.7	5.2	...	...	...	6.7	11.5	1.8
2018.....	12.1	21.1	3.5	12.5	21.3	3.9	23.7	43.8	5.4	14.9	25.0	5.1	...	...	...	6.7	11.6	1.7
Non-Hispanic bridged race ⁶																		
2019.....	12.1	21.1	3.4	12.0	20.5	3.7	24.0	44.8	5.0	13.9	23.2	5.0	3.1	5.4	1.0	6.7	11.5	1.8
2018.....	12.1	21.1	3.5	12.3	21.0	3.9	22.8	42.0	5.2	15.6	26.4	5.1	3.0	5.1	1.1	6.7	11.6	1.7
2017.....	12.2	21.2	3.5	12.3	20.8	3.9	23.7	44.6	4.5	14.4	24.9	4.4	2.9	5.0	1.0	6.6	11.3	1.8
2016.....	12.0	20.7	3.5	11.9	20.0	3.9	23.7	44.1	4.9	14.4	24.3	4.9	3.0	5.2	1.0	6.6	11.4	1.6
2015.....	11.3	19.6	3.2	11.4	19.4	3.7	21.3	40.3	3.8	13.1	22.8	3.8	2.6	4.7	0.8	5.9	10.2	1.5
2014.....	10.5	18.3	3.0	11.0	18.7	3.6	18.4	34.8	3.4	11.7	19.9	3.7	2.3	3.9	0.8	5.4	9.4	1.4
2013.....	10.6	18.5	3.0	11.0	18.8	3.5	18.9	35.5	3.6	11.1	19.7	2.8	2.6	4.4	0.9	5.5	9.4	1.3
2012.....	10.7	18.7	3.0	10.8	18.5	3.4	19.6	36.8	3.9	11.8	21.0	2.8	2.6	4.5	0.9	5.8	10.1	1.3
2011.....	10.4	18.1	2.9	10.6	18.0	3.3	18.6	35.1	3.5	10.5	17.6	3.6	2.5	4.2	0.9	5.7	9.9	1.3
2010.....	10.3	18.0	2.7	10.2	17.6	3.1	18.6	35.1	3.5	11.4	19.5	3.6	2.4	4.3	0.6	6.0	10.5	1.3
2009.....	10.2	17.9	2.8	10.0	17.0	3.1	18.8	35.4	3.6	10.5	17.4	3.8	2.6	4.4	1.0	6.5	11.4	1.4
2008.....	10.4	18.3	2.8	9.9	17.1	3.0	20.0	38.0	3.7	10.1	17.2	3.3	2.5	4.3	0.8	6.8	12.0	1.5
2007.....	10.4	18.3	2.7	9.5	16.3	2.9	21.3	40.3	4.0	9.1	15.9	2.6	2.8	5.1	0.7	7.6	13.4	1.5
2006.....	10.4	18.2	2.8	9.2	15.8	2.9	22.0	41.5	4.2	10.7	18.6	2.9	3.2	5.6	1.0	7.8	13.8	1.5
2005.....	10.4	18.4	2.7	9.3	16.1	2.8	21.1	40.1	3.8	11.6	20.3	3.2	3.1	5.5	0.9	8.1	14.3	1.5
2004.....	10.1	17.7	2.7	9.2	15.7	2.9	19.9	37.7	3.8	10.7	18.3	3.4	2.8	4.9	1.0	7.9	14.0	1.5
2003.....	10.4	18.3	2.7	9.3	16.1	2.8	20.8	39.2	4.0	10.8	18.5	3.3	3.3	5.7	1.1	8.3	14.6	1.6
2002.....	10.5	18.5	2.8	9.5	16.4	2.9	20.8	39.0	4.3	11.4	19.2	3.8	3.3	5.6	1.2	8.1	14.3	1.6
2001.....	10.4	18.2	2.8	9.4	16.3	2.9	19.8	37.3	4.0	9.4	15.4	3.5	3.2	5.4	1.1	8.3	14.5	1.7
2000.....	10.2	17.8	2.8	9.1	15.7	2.9	19.8	37.1	4.2	9.6	15.9	3.5	3.6	6.2	1.1	8.2	14.2	1.8
1999.....	10.3	18.1	2.9	9.3	15.9	2.9	20.0	37.1	4.5	10.9	19.0	3.0	4.0	6.4	1.7	8.5	14.6	2.0

Table I-26. Number of deaths, death rates, and age-adjusted death rates for injury by firearms, by race and Hispanic origin and sex: United States, 1999–2019—Con.

[Data for specified race or Hispanic-origin groups other than non-Hispanic white and non-Hispanic black should be interpreted with caution because of inconsistencies in reporting these items on death certificates and surveys, although misclassification is very minor for the Hispanic and non-Hispanic Asian or Pacific Islander populations; see Technical Notes in this report. A listing of the *International Classification of Diseases, 10th Revision* (ICD-10) codes included in this table can be found in the note at the bottom of the table]

Year	Total ¹			Non-Hispanic white			Non-Hispanic black			Non-Hispanic American Indian or Alaska Native ²			Non-Hispanic Asian or Pacific Islander ³			Hispanic ⁴		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic single race ⁵																		
2019.....	11.9	20.7	3.4	11.1	19.0	3.6	24.5	44.8	5.1	13.8	22.5	5.3	...	...	...	6.6	11.2	1.9
2018.....	11.9	20.7	3.4	11.4	19.5	3.7	23.2	42.0	5.4	15	24.8	5.4	...	...	...	6.6	11.6	1.7
Non-Hispanic bridged race ⁶																		
2019.....	11.9	20.7	3.4	11.0	18.9	3.6	23.6	43.1	5.0	14.1	23.3	5.1	2.9	5.1	0.9	6.6	11.2	1.9
2018.....	11.9	20.7	3.4	11.3	19.4	3.7	22.4	40.5	5.2	15.6	26.4	5.3	2.9	4.9	1.0	6.6	11.6	1.7
2017.....	12.0	20.9	3.4	11.4	19.3	3.8	23.2	42.8	4.5	14.4	24.9	4.3	2.8	4.7	1.0	6.5	11.1	1.8
2016.....	11.8	20.5	3.4	11.0	18.7	3.8	23.0	42.2	4.8	14.4	24.4	4.9	2.9	4.9	1.0	6.4	11.2	1.6
2015.....	11.1	19.4	3.2	10.6	18.0	3.6	20.7	38.6	3.8	13.3	23.0	4.0	2.5	4.4	0.8	5.8	10.1	1.5
2014.....	10.3	18.0	3.0	10.1	17.3	3.4	17.8	33.3	3.4	12.0	20.6	3.9	2.2	3.7	0.8	5.4	9.4	1.4
2013.....	10.4	18.3	3.0	10.2	17.5	3.3	18.2	34.0	3.6	11.3	20.4	2.7	2.4	4.1	0.9	5.4	9.4	1.3
2012.....	10.5	18.5	3.0	10.0	17.2	3.3	19.0	35.3	3.8	11.7	21.2	2.7	2.5	4.4	0.8	5.7	10.1	1.3
2011.....	10.2	18.0	2.9	9.8	16.9	3.2	17.9	33.5	3.5	10.7	18.1	3.7	2.4	4.1	0.9	5.6	9.8	1.3
2010.....	10.1	17.9	2.7	9.5	16.6	3.0	17.8	33.4	3.4	11.2	18.7	3.9	2.2	4.1	0.6	5.9	10.5	1.3
2009.....	10.1	17.8	2.8	9.3	16.1	3.0	18.1	34.0	3.5	10.4	17.2	3.9	2.5	4.3	0.9	6.4	11.4	1.4
2008.....	10.3	18.3	2.7	9.3	16.2	2.9	19.1	36.2	3.6	10.1	17.4	3.3	2.4	4.2	0.7	6.6	11.7	1.5
2007.....	10.3	18.3	2.7	8.9	15.5	2.8	20.3	38.0	4.0	8.9	15.6	2.6	2.7	4.9	0.7	7.2	12.9	1.5
2006.....	10.3	18.2	2.7	8.7	15.1	2.7	20.9	39.4	4.1	10.5	18.4	3.0	3.0	5.2	0.9	7.3	12.8	1.4
2005.....	10.3	18.5	2.7	8.8	15.5	2.7	20.1	38.2	3.7	11.3	20.0	3.1	2.9	5.2	0.9	7.6	13.4	1.5
2004.....	10.0	17.9	2.7	8.7	15.2	2.8	19.1	36.2	3.7	10.5	18.1	3.3	2.7	4.7	0.9	7.5	13.2	1.5
2003.....	10.3	18.5	2.7	8.8	15.7	2.7	19.8	37.3	4.0	10.5	18.4	3.2	3.1	5.3	1.1	7.8	13.7	1.6
2002.....	10.5	18.7	2.8	9.0	16.0	2.8	19.9	37.2	4.2	11.0	18.9	3.6	3.2	5.5	1.1	7.7	13.6	1.6
2001.....	10.3	18.5	2.8	9.1	16.0	2.8	18.9	35.4	3.9	9.3	15.7	3.4	3.0	5.2	1.0	7.8	13.7	1.7
2000.....	10.2	18.1	2.8	8.8	15.5	2.8	18.9	35.2	4.1	9.5	15.9	3.4	3.4	6.0	1.1	7.8	13.6	1.8
1999.....	10.3	18.4	2.9	8.9	15.8	2.8	19.0	35.2	4.4	10.7	18.8	2.9	3.7	5.9	1.6	8.2	14.2	2.0

... Category not applicable.

¹Under "Non-Hispanic single race," totals include deaths with origin not stated, origin not classifiable, and two or more races reported. Under "Non-Hispanic bridged race," totals include deaths with origin not stated; see Technical Notes.²Includes Aleut and Eskimo persons.³Includes Chinese, Filipino, Hawaiian, Japanese, and other Asian or Pacific Islander persons.⁴Includes persons of Hispanic origin of any race; see Technical Notes.⁵Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget (OMB) standards; see Technical Notes. Only one race was reported on the death certificate.⁶Race and Hispanic-origin categories are consistent with 1977 OMB standards. Multiple-race data reported according to 1997 OMB standards were bridged to single-race categories of 1977 OMB standards. For more information on areas reporting multiple race, see Technical Notes.⁷Rates are based on populations enumerated as of April 1 for census years and estimated as of July 1 for all other years; see Technical Notes.⁸Age-adjusted rates are per 100,000 U.S. standard population. For method of computation, see Technical Notes.

NOTE: Causes of death attributable to firearm-related injuries include ICD-10 codes *U01.4, W32–W34, X72–X74, X93–X95, Y22–Y24, and Y35.0.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

Table I-27. Number of deaths, death rates, and age-adjusted death rates for injury at work, by race and Hispanic origin and sex: United States, 1997–2019

[Includes ages 15 years and over; excludes data for age not stated]

Year	Total ¹			Non-Hispanic white			Non-Hispanic black			Hispanic ²		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic single race³												
2019.....	4,743	4,321	422	2,975	2,687	288	572	513	59	959	907	52
2018.....	4,560	4,179	381	3,006	2,728	278	520	475	45	827	786	41
Non-Hispanic bridged race⁴												
2019.....	4,743	4,321	422	2,982	2,693	289	577	518	59	959	907	52
2018.....	4,560	4,179	381	3,024	2,745	279	524	479	45	827	786	41
2017.....	4,573	4,143	430	3,133	2,823	310	466	409	57	796	755	41
2016.....	4,621	4,169	452	3,116	2,791	325	521	457	64	795	753	42
2015 ⁵	4,185	3,816	369	2,855	2,574	281	409	368	41	771	738	33
2014.....	4,348	3,916	432	3,065	2,738	327	397	352	45	718	681	37
2013.....	4,268	3,882	386	2,956	2,660	296	433	395	38	735	698	37
2012.....	4,106	3,743	363	2,806	2,548	258	446	397	49	682	649	33
2011.....	4,097	3,736	361	2,903	2,635	268	401	365	36	630	590	40
2010.....	4,157	3,829	328	2,999	2,766	233	396	350	46	604	572	32
2009.....	3,919	3,601	318	2,723	2,502	221	415	366	49	619	583	36
2008.....	4,690	4,317	373	3,349	3,077	272	495	448	47	680	643	37
2007.....	5,025	4,606	419	3,472	3,163	309	569	511	58	794	761	33
2006.....	5,298	4,869	429	3,709	3,383	326	552	501	51	856	820	36
2005.....	5,113	4,670	443	3,598	3,279	319	562	504	58	761	718	43
2004.....	5,157	4,729	428	3,724	3,410	314	537	475	62	735	702	33
2003.....	5,025	4,609	416	3,597	3,291	306	571	524	47	671	635	36
2002.....	5,305	4,859	446	3,809	3,486	323	545	487	58	757	710	47
2001 ⁶	8,303	7,181	1,122	5,968	5,237	731	823	660	163	1,049	916	133
2000.....	5,430	4,969	461	3,930	3,579	351	578	524	54	718	684	34
1999.....	5,651	5,152	499	4,201	3,812	389	647	587	60	597	566	31
1998.....	5,543	5,036	507	4,181	3,771	410	580	529	51	610	584	26
1997.....	5,666	5,144	522	4,216	3,823	393	672	614	58	571	531	40
Non-Hispanic single race³												
2019.....	1.8	3.3	0.3	1.8	3.3	0.3	1.7	3.3	0.3	2.1	4.0	0.2
2018.....	1.7	3.2	0.3	1.8	3.3	0.3	1.6	3.1	0.3	1.9	3.5	0.2
Non-Hispanic bridged race⁴												
2019.....	1.8	3.3	0.3	1.8	3.2	0.3	1.7	3.2	0.3	2.1	4.0	0.2
2018.....	1.7	3.2	0.3	1.8	3.3	0.3	1.6	3.0	0.3	1.9	3.5	0.2
2017.....	1.7	3.2	0.3	1.9	3.4	0.4	1.4	2.6	0.3	1.8	3.5	0.2
2016.....	1.8	3.3	0.3	1.8	3.4	0.4	1.6	2.9	0.4	1.9	3.6	0.2
2015 ⁵	1.6	3.0	0.3	1.7	3.1	0.3	1.3	2.4	0.2	1.9	3.5	0.2
2014.....	1.7	3.1	0.3	1.8	3.3	0.4	1.2	2.3	0.3	1.8	3.4	0.2
2013.....	1.7	3.1	0.3	1.8	3.2	0.3	1.4	2.7	0.2	1.9	3.5	0.2
2012.....	1.6	3.0	0.3	1.7	3.1	0.3	1.4	2.7	0.3	1.8	3.4	0.2
2011.....	1.6	3.1	0.3	1.7	3.2	0.3	1.3	2.5	0.2	1.7	3.1	0.2
2010.....	1.7	3.2	0.3	1.8	3.4	0.3	1.3	2.5	0.3	1.7	3.1	0.2
2009.....	1.6	3.0	0.3	1.6	3.1	0.3	1.4	2.6	0.3	1.8	3.3	0.2
2008.....	1.9	3.6	0.3	2.0	3.8	0.3	1.7	3.3	0.3	2.0	3.7	0.2
2007.....	2.1	3.9	0.3	2.1	3.9	0.4	2.0	3.8	0.4	2.4	4.6	0.2
2006.....	2.2	4.2	0.4	2.3	4.2	0.4	1.9	3.8	0.3	2.7	5.1	0.2
2005.....	2.2	4.1	0.4	2.2	4.1	0.4	2.0	3.9	0.4	2.5	4.6	0.3
2004.....	2.2	4.2	0.4	2.3	4.3	0.4	2.0	3.7	0.4	2.5	4.7	0.2
2003.....	2.2	4.1	0.4	2.2	4.2	0.4	2.1	4.2	0.3	2.4	4.4	0.3
2002.....	2.3	4.4	0.4	2.4	4.5	0.4	2.0	3.9	0.4	2.8	5.1	0.4
2001 ⁶	3.7	6.6	1.0	3.7	6.7	0.9	3.1	5.4	1.2	4.0	6.8	1.0
2000.....	2.5	4.6	0.4	2.5	4.6	0.4	2.3	4.4	0.4	2.9	5.3	0.3
1999.....	2.6	4.9	0.4	2.6	4.9	0.5	2.6	5.0	0.4	2.5	4.6	0.3
1998.....	2.6	4.8	0.5	2.6	4.9	0.5	2.3	4.6	0.4	2.7	5.0	0.2
1997.....	2.7	5.0	0.5	2.7	5.0	0.5	2.7	5.4	0.4	2.6	4.8	0.4

See footnotes at end of table.

Table I-27. Number of deaths, death rates, and age-adjusted death rates for injury at work, by race and Hispanic origin and sex: United States, 1997–2019—Con.

[Includes ages 15 years and over; excludes data for age not stated]

Year	Total ¹			Non-Hispanic white			Non-Hispanic black			Hispanic ²		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic single race³												
2019.....	1.8	3.3	0.3	1.8	3.2	0.3	1.7	3.4	0.3	2.2	4.1	0.2
2018.....	1.7	3.2	0.3	1.8	3.3	0.3	1.6	3.1	0.3	1.9	3.6	0.2
Non-Hispanic bridged race⁴												
2019.....	1.8	3.3	0.3	1.7	3.1	0.3	1.7	3.3	0.3	2.2	4.1	0.2
2018.....	1.7	3.2	0.3	1.8	3.3	0.3	1.6	3.1	0.3	1.9	3.6	0.2
2017.....	1.7	3.1	0.3	1.8	3.3	0.3	1.4	2.7	0.3	1.9	3.6	0.2
2016.....	1.7	3.2	0.3	1.8	3.3	0.3	1.6	3.1	0.4	1.9	3.7	0.2
2015 ⁵	1.6	3.0	0.3	1.6	3.0	0.3	1.3	2.5	0.2	1.9	3.7	0.2
2014.....	1.7	3.1	0.3	1.8	3.2	0.4	1.3	2.4	0.3	1.9	3.6	0.2
2013.....	1.7	3.1	0.3	1.7	3.2	0.3	1.4	2.8	0.2	1.9	3.7	0.2
2012.....	1.6	3.0	0.3	1.6	3.0	0.3	1.5	2.8	0.3	1.8	3.5	0.2
2011.....	1.6	3.0	0.3	1.7	3.1	0.3	1.3	2.6	0.2	1.7	3.2	0.2
2010.....	1.7	3.1	0.3	1.8	3.3	0.3	1.3	2.6	0.3	1.7	3.3	0.2
2009.....	1.6	3.0	0.3	1.6	3.0	0.3	1.4	2.7	0.3	1.8	3.5	0.2
2008.....	1.9	3.6	0.3	2.0	3.8	0.3	1.7	3.4	0.3	2.0	3.8	0.2
2007.....	2.1	3.9	0.3	2.1	3.9	0.3	2.0	3.9	0.4	2.4	4.5	0.2
2006.....	2.2	4.2	0.3	2.2	4.1	0.4	2.0	3.9	0.4	2.7	5.1	0.2
2005.....	2.2	4.1	0.4	2.2	4.0	0.4	2.0	4.0	0.4	2.5	4.6	0.3
2004.....	2.2	4.2	0.4	2.3	4.2	0.4	2.0	3.9	0.4	2.5	4.7	0.2
2003.....	2.2	4.1	0.3	2.2	4.1	0.4	2.2	4.4	0.3	2.3	4.4	0.2
2002.....	2.4	4.4	0.4	2.4	4.4	0.4	2.1	4.1	0.4	2.8	5.2	0.4
2001 ⁶	3.7	6.6	1.0	3.7	6.7	0.9	3.2	5.6	1.2	4.1	7.1	1.0
2000.....	2.5	4.6	0.4	2.5	4.6	0.4	2.3	4.6	0.4	2.8	5.4	0.3
1999.....	2.6	4.9	0.4	2.6	4.9	0.5	2.6	5.1	0.5	2.5	4.8	0.3
1998.....	2.6	4.8	0.5	2.6	4.9	0.5	2.4	4.8	0.4	2.7	5.1	0.2
1997.....	2.6	5.0	0.5	2.7	5.0	0.5	2.8	5.7	0.4	2.7	5.0	0.4

¹Includes races and origins not shown separately.²Includes persons of Hispanic origin of any race; see Technical Notes in this report.³Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget (OMB) standards; see Technical Notes. Only one race was reported on the death certificate.⁴Race and Hispanic-origin categories are consistent with 1977 OMB standards. Multiple-race data reported according to 1997 OMB standards were bridged to single-race categories of 1977 OMB standards. For more information on areas reporting multiple race, see Technical Notes.⁵Excludes data for Tennessee; see Supplemental Technical Notes from "Deaths: Final Data for 2015," *National Vital Statistics Reports*, vol 66, no 6.⁶Figures include September 11, 2001, terrorism-related deaths for which death certificates were filed as of October 24, 2002; see Technical Notes from "Deaths: Final Data for 2001," *National Vital Statistics Reports* vol 52, no 3.

*Rates are on an annual basis per 100,000 population in specified group; age-adjusted rates are per 100,000 U.S. standard population; see Technical Notes. Rates are based on populations enumerated as of April 1 for census years and estimated as of July 1 for all other years; see Technical Notes.

^For method of computation, see Supplemental Technical Notes.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.