

Deaths: Final Data for 2018

Technical Notes Addendum

Technical Notes Addendum for Supplemental Tables of Deaths: Final Data for 2018

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This addendum to [Technical Notes](#) for “Deaths: Final Data for 2018” (available from: <https://www.cdc.gov/nchs/data/nvsr/nvsr69/nvsr69-13-508.pdf>) provides additional information specific to supplemental [Tables I–5](#) through [I–9](#) and [I–17](#) through [I–19](#).

Hispanic subgroup

Mortality data for 2018 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, making it possible to identify decedents as being Mexican, Puerto Rican, Cuban, Central American, South American, or Dominican.

Marital status

Mortality data for 2018 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 2018 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 2018, 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 2018. 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](#) and [I–9](#). 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 2018” (available from: <https://www.cdc.gov/nchs/data/nvsr/nvsr69/nvsr69-13-508.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 2018 1-year American Community Survey (ACS) (6) adjusted to resident population control totals and, as such, are subject to sampling variation; see “Random variation.” 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, 2018.

Previously, population estimates based on the 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 2018 are shown for 5-year age groups by race and Hispanic origin in [Table III](#) of [Technical Notes](#) for “Deaths: Final Data for 2018” (available from: <https://www.cdc.gov/nchs/data/nvsr/nvsr69/nvsr69-13-508.pdf>). These estimates are available by single years of age from: <https://www2.census.gov/programs-surveys/popest/datasets/2010-2018/state/asrh/sc-est2018-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 Tables I-5, I-6, and I-7 were computed using population estimates from the 2018 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 United States 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 2018,” available from: <https://www.cdc.gov/nchs/data/nvsr/nvsr69/nvsr69-13-508.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 2010–2018 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 2018 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

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

For age-adjusted death rates (R')

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

where $SE(P)$ 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 2018,” available from: <https://www.cdc.gov/nchs/data/nvsr/nvsr69/nvsr69-13-508.pdf>).

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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, 2010–2018

[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 origins ³									
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 white ⁴									
2018.....	223,473	73,273	150,200	113.1	75.2	150.0	70.9	59.4	77.8
Non-Hispanic, bridged-race white ⁵									
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 black ⁴									
2018.....	21,037	6,743	14,294	51.4	34.5	67.0	64.8	59.1	67.0
Non-Hispanic, bridged-race black ⁵									
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 Native ⁴									
2018.....	764	270	494	31.6	22.7	40.2	42.7	36.2	46.5
Non-Hispanic, bridged-race American Indian or Alaska Native ⁵									
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

See footnotes at end of table.

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, 2010–2018—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 Asian ⁴									
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 Islander ⁴									
2018.....	126	50	76	21.5	16.9	26.1	35.5	31.2	38.3
Non-Hispanic, bridged-race Asian or Pacific Islander ⁵									
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
Hispanic ⁶									
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 based on populations enumerated as of April 1 for census years and estimated as of July 1 for all other years; see Technical Notes in this report.²Age-adjusted rates are per 100,000 U.S. standard population. For method of computation, see Technical Notes in this report.³Includes races and origin not shown separately; see Technical Notes in this report.⁴Only one race was reported on the death certificate; see Technical Notes in this report.⁵Multiple-race data reported according to 1997 Office of Management and Budget (OMB) standards were bridged to single-race categories of 1977 OMB standards. For more information on areas reporting multiple race, see Technical Notes in this report.⁶Includes persons of Hispanic origin of any race; see Technical Notes in this report.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, 2010–2018

[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									
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									
2018.....	52,322	33,679	18,643	26.5	34.6	18.6	27.2	35.3	19.0
Non-Hispanic, bridged-race white⁵									
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									
2018.....	9,632	6,883	2,749	23.5	35.2	12.9	22.7	34.6	12.3
Non-Hispanic, bridged-race black⁵									
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									
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									
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

See footnotes at end of table.

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, 2010–2018—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 Asian ⁴									
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 Islander ⁴									
2018.....	76	56	20	13.0	19.0	6.9	13.1	19.0	7.1
Non-Hispanic, bridged-race Asian or Pacific Islander ⁵									
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
Hispanic ⁶									
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

¹Rates 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 in this report.²Age-adjusted rates are per 100,000 U.S. standard population. For method of computation, see Technical Notes in this report.³Includes races and origin not shown separately; see Technical Notes in this report.⁴Only one race was reported on the death certificate; see Technical Notes in this report.⁵Multiple-race data reported according to 1997 Office of Management and Budget (OMB) standards were bridged to the single-race categories of 1977 OMB standards. For more information on areas reporting multiple race, see Technical Notes in this report.⁶Includes persons of Hispanic origin of any race; see Technical Notes in this report.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, 2010–2018

[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 origins ³									
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 white ⁴									
2018.....	26,987	19,001	7,986	13.7	19.5	8.0	10.7	15.3	6.5
Non-Hispanic, bridged-race white ⁵									
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 black ⁴									
2018.....	3,143	2,234	909	7.7	11.4	4.3	7.1	11.2	3.9
Non-Hispanic, bridged-race black ⁵									
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 Native ⁴									
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 Native ⁵									
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

See footnotes at end of table.

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, 2010–2018—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 Asian									
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 Islander ⁴									
2018.....	34	23	11	5.8	7.8	*	5.9	8.4	*
Non-Hispanic, bridged-race Asian or Pacific Islander ⁵									
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
Hispanic ⁶									
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

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

¹Rates 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 in this report.²Age-adjusted rates are per 100,000 U.S. standard population. For method of computation, see Technical Notes in this report.³Includes races and origin not shown separately; see Technical Notes in this report.⁴Only one race was reported on the death certificate; see Technical Notes in this report.⁵Multiple-race data reported according to 1997 Office of Management and Budget (OMB) standards were bridged to the single-race categories of 1977 OMB standards. For more information on areas reporting multiple race, see Technical Notes in this report.⁶Includes persons of Hispanic origin of any race; see Technical Notes in this report.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, 2010–2018

[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 origins ³									
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 white ⁴									
2018.....	24,643	20,745	3,898	12.5	21.3	3.9	11.4	19.5	3.7
Non-Hispanic, bridged-race white ⁵									
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 black ⁴									
2018.....	9,713	8,567	1,146	23.7	43.8	5.4	23.2	42.0	5.4
Non-Hispanic, bridged-race black ⁵									
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 Native ⁴									
2018.....	361	298	63	14.9	25.0	5.1	15	24.8	5.4
Non-Hispanic, bridged-race American Indian or Alaska Native ⁵									
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

See footnotes at end of table.

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, 2010–2018—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 Asian ⁴									
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 Islander ⁴									
2018.....	54	48	6	9.2	16.3	*	8.8	15.6	*
Non-Hispanic, bridged-race Asian or Pacific Islander ⁵									
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
Hispanic ⁶									
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

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

¹Rates 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 in this report.²Age-adjusted rates are per 100,000 U.S. standard population. For method of computation, see Technical Notes in this report.³Includes races and origin not shown separately; see Technical Notes in this report.⁴Only one race was reported on the death certificate; see Technical Notes in this report.⁵Multiple-race data reported according to 1997 Office of Management and Budget (OMB) standards were bridged to the single-race categories of 1977 OMB standards. For more information on areas reporting multiple race, see Technical Notes in this report.⁶Includes persons of Hispanic origin of any race; see Technical Notes in this report.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, 2018

[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, 2018; 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 2018 1-year American Community Survey adjusted to control totals. The control totals are 2010-based postcensal estimates for the United States for July 1, 2018; see Technical Notes in this report. 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 in this report]

Hispanic origin and sex	Age group (years)												Age not stated	Age-adjusted rate ²
	All ages	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	204,719	4,487	794	1,117	5,740	8,611	11,130	18,657	30,007	35,433	41,404	47,327	12	...
Male	113,045	2,502	455	607	4,333	6,356	7,660	12,311	19,083	20,454	20,873	18,403	8	...
Female	91,674	1,985	339	510	1,407	2,255	3,470	6,346	10,924	14,979	20,531	28,924	4	...
Mexican	108,327	2,665	478	695	3,563	4,892	6,480	10,810	16,956	19,236	20,469	22,079	4	...
Male	61,727	1,491	267	371	2,706	3,637	4,465	7,188	10,920	11,185	10,440	9,055	2	...
Female	46,600	1,174	211	324	857	1,255	2,015	3,622	6,036	8,051	10,029	13,024	2	...
Puerto Rican	26,514	436	70	96	471	976	1,402	2,297	3,988	4,974	5,912	5,891	1	...
Male	14,374	252	43	54	344	700	973	1,542	2,505	2,917	2,885	2,158	1	...
Female	12,140	184	27	42	127	276	429	755	1,483	2,057	3,027	3,733	-	...
Cuban	17,029	102	16	17	129	203	252	673	1,581	2,339	4,606	7,109	2	...
Male	8,782	69	9	13	91	152	170	468	1,076	1,462	2,455	2,817	-	...
Female	8,247	33	7	4	38	51	82	205	505	877	2,151	4,292	2	...
Central American	11,234	347	65	81	467	687	914	1,307	1,762	1,810	1,816	1,978	-	...
Male	5,989	191	34	44	375	550	664	882	1,058	901	719	571	-	...
Female	5,245	156	31	37	92	137	250	425	704	909	1,097	1,407	-	...
South American	8,924	98	23	31	149	272	327	605	1,010	1,476	2,280	2,653	-	...
Male	4,370	45	13	16	103	205	203	361	577	814	1,136	897	-	...
Female	4,554	53	10	15	46	67	124	244	433	662	1,144	1,756	-	...
Dominican	5,222	100	16	29	108	238	251	440	683	935	1,181	1,241	-	...
Male	2,597	55	12	13	81	167	162	247	386	485	583	406	-	...
Female	2,625	45	4	16	27	71	89	193	297	450	598	835	-	...
Other and unknown														
Hispanic	27,469	739	126	168	853	1,343	1,504	2,525	4,027	4,663	5,140	6,376	5	...
Male	15,206	399	77	96	633	945	1,023	1,623	2,561	2,690	2,655	2,499	5	...
Female	12,263	340	49	72	220	398	481	902	1,466	1,973	2,485	3,877	-	...

Table I-5. Number of deaths and death rates by age, and age-adjusted death rates, by specified Hispanic origin and sex: United States, 2018—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, 2018; 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 2018 1-year American Community Survey adjusted to control totals. The control totals are 2010-based postcensal estimates for the United States for July 1, 2018; see Technical Notes in this report. 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 in this report]

Hispanic origin and sex	Age group (years)												Age not stated	Age-adjusted rate ²	
	All ages	Under 1 ¹	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 and over			
	Rate ³														
Hispanic.....	341.9	445.3	19.1	10.6	58.5	91.3	129.6	265.6	613.6	1,320.8	3,348.8	9,483.8	...	524.1	
Male.....	373.9	486.1	21.4	11.3	86.2	128.7	173.4	347.7	801.9	1,670.5	4,054.5	10,124.4	...	633.1	
Female.....	309.3	402.7	16.6	9.9	29.4	50.2	83.2	182.1	435.1	1,027.2	2,845.4	9,116.8	...	431.7	
Mexican.....	292.9	464.2	17.5	9.8	55.1	84.7	123.1	261.4	626.9	1,357.6	3,243.7	9,934.8	...	527.1	
Male.....	327.4	508.2	19.2	10.3	82.0	120.0	164.2	339.3	808.9	1,651.1	3,760.7	11,323.0	...	633.5	
Female.....	257.0	418.1	15.7	9.4	27.1	45.8	79.2	179.6	445.6	1,088.7	2,837.6	9,154.4	...	435.1	
Puerto Rican.....	457.8	482.1	17.8	9.8	52.0	110.4	176.2	341.3	753.5	1,524.9	3,862.0	10,486.9	...	608.2	
Male.....	497.5	560.0	21.8	10.5	73.6	155.7	240.2	461.1	1,017.6	1,978.5	4,760.3	10,501.2	...	738.8	
Female.....	418.3	405.0	13.7	9.0	29.0	63.5	109.8	223.0	523.8	1,150.7	3,273.3	10,478.6	...	499.2	
Cuban.....	720.5	382.1	*	*	45.6	59.5	82.7	188.7	549.8	1,206.7	3,386.5	10,465.2	...	502.1	
Male.....	736.9	507.2	*	*	60.2	85.1	107.8	247.6	741.4	1,628.1	4,226.2	11,552.2	...	621.0	
Female.....	703.8	252.1	*	*	28.8	31.3	55.8	122.2	354.6	843.0	2,760.5	9,856.5	...	401.7	
Central American.....	199.3	383.0	15.9	8.8	52.5	69.8	97.7	194.1	408.5	886.2	2,556.5	7,525.2	...	391.8	
Male.....	206.9	434.0	16.1	9.3	79.5	103.6	131.5	255.8	538.5	1,071.6	2,881.2	7,334.6	...	449.9	
Female.....	191.3	334.7	15.7	8.3	22.0	30.2	58.0	129.4	299.7	756.5	2,380.6	7,605.4	...	341.5	
South American.....	234.9	221.5	10.9	6.4	29.9	46.7	52.1	108.0	241.6	658.3	2,008.9	7,823.7	...	314.1	
Male.....	240.9	195.7	*	*	41.6	70.6	68.1	136.0	303.1	898.2	2,652.0	7,903.1	...	376.3	
Female.....	229.5	249.3	*	*	18.3	23.0	37.6	82.8	190.3	495.6	1,619.0	7,783.7	...	270.5	
Dominican.....	250.7	266.2	*	8.9	32.6	70.3	86.5	178.1	346.9	863.7	2,581.4	7,124.0	...	371.3	
Male.....	265.5	322.6	*	*	48.9	100.8	126.0	240.4	454.3	1,083.1	3,328.6	7,470.1	...	456.1	
Female.....	237.6	219.4	*	*	16.3	41.1	55.1	133.8	265.3	708.9	2,117.9	6,967.0	...	312.7	
Other and unknown															
Hispanic.....	884.7	1,586.2	67.1	32.9	171.0	302.5	396.2	694.2	1,275.3	2,191.6	5,094.7	14,409.0	...	961.1	
Male.....	985.7	1,567.2	80.0	36.5	247.1	405.2	523.5	929.7	1,697.9	2,962.7	6,379.9	16,296.1	...	1,213.7	
Female.....	785.0	1,609.1	53.6	29.0	90.7	188.9	261.2	476.8	888.8	1,617.5	4,192.3	13,408.3	...	754.7	

... Category not applicable.

- Quantity zero.

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

¹Death rates for "Under 1" (based on population estimates) differ from infant mortality rates (based on live births); see Technical Notes in this report.

²For method of computation, see Technical Notes in this report.

³Figures 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, 2018

[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, 2018, resident population control totals for the United States; see Technical Notes in this report]

Marital status and sex	Age group								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	2,808,314	30,154	58,844	80,380	164,837	374,836	543,778	1,555,485	...
Never married	362,183	28,835	43,502	36,800	49,156	77,095	57,524	69,271	...
Ever married	2,425,381	1,265	15,021	42,758	113,383	291,877	480,177	1,480,900	...
Married	1,032,002	1,097	10,836	26,890	64,499	157,439	261,816	509,425	...
Widowed	926,120	17	243	992	5,302	28,411	87,015	804,140	...
Divorced	467,259	151	3,942	14,876	43,582	106,027	131,346	167,335	...
Not stated	20,750	54	321	822	2,298	5,864	6,077	5,314	...
Male	1,440,968	22,008	40,864	51,376	101,030	228,273	312,911	684,506	...
Never married	229,788	21,217	31,568	25,455	33,532	51,917	35,301	30,798	...
Ever married	1,196,454	750	9,075	25,374	65,858	171,939	273,049	650,409	...
Married	690,535	663	6,604	16,018	37,328	95,748	169,912	364,262	...
Widowed	258,577	7	90	405	1,978	10,540	28,908	216,649	...
Divorced	247,342	80	2,381	8,951	26,552	65,651	74,229	69,498	...
Not stated	14,726	41	221	547	1,640	4,417	4,561	3,299	...
Female	1,367,346	8,146	17,980	29,004	63,807	146,563	230,867	870,979	...
Never married	132,395	7,618	11,934	11,345	15,624	25,178	22,223	38,473	...
Ever married	1,228,927	515	5,946	17,384	47,525	119,938	207,128	830,491	...
Married	341,467	434	4,232	10,872	27,171	61,691	91,904	145,163	...
Widowed	667,543	10	153	587	3,324	17,871	58,107	587,491	...
Divorced	219,917	71	1,561	5,925	17,030	40,376	57,117	97,837	...
Not stated	6,024	13	100	275	658	1,447	1,516	2,015	...
	Rate ³								
Both sexes	1,054.5	69.9	129.8	193.7	396.2	886.4	1,778.7	7,118.3	1,124.1
Never married	402.7	70.9	175.3	357.5	773.9	1,617.8	2,775.6	7,126.9	1,454.9
Ever married	1,375.0	50.5	73.2	137.0	321.6	777.9	1,684.9	7,092.5	1,055.8
Married	780.5	46.5	58.6	102.1	234.2	571.0	1,335.8	4,938.3	761.1
Widowed	6,070.5	*	262.7	378.2	707.6	1,338.5	2,261.0	9,857.8	1,629.2
Divorced	1,615.8	122.0	202.5	322.9	626.2	1,354.8	2,601.0	6,953.2	1,351.5
Male	1,108.7	99.6	177.8	248.3	492.3	1,119.2	2,191.6	7,594.3	1,285.9
Never married	478.2	100.5	229.6	444.6	953.5	2,021.1	3,524.6	8,139.3	1,751.0
Ever married	1,460.5	76.6	98.3	169.5	387.3	964.5	2,056.7	7,532.2	1,187.1
Married	1,044.2	71.8	78.8	124.6	273.2	690.6	1,641.1	5,982.2	923.9
Widowed	7,545.0	*	314.4	539.1	976.9	2,043.0	3,308.6	12,593.8	2,194.0
Divorced	2,000.3	178.4	287.4	439.8	846.7	1,904.7	3,623.3	8,416.5	1,759.9
Female	1,002.8	38.7	80.4	139.4	302.6	669.5	1,416.9	6,784.2	983.2
Never married	316.1	39.0	107.8	248.4	551.1	1,146.1	2,075.1	6,481.5	1,171.4
Ever married	1,300.9	33.8	52.7	107.0	260.4	609.0	1,360.6	6,782.4	946.3
Married	516.7	30.3	41.9	80.6	195.8	450.0	993.9	3,434.3	552.6
Widowed	5,643.3	*	239.5	313.6	607.8	1,112.3	1,953.3	9,126.7	1,457.1
Divorced	1,328.5	89.9	139.6	230.4	445.4	922.1	1,903.2	6,188.9	1,076.4

... Category not applicable.

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

¹Excludes figures for age not stated.

²Calculated based on ages 25 and over. For method of computation, see Technical Notes in this report.

³Figures 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, 2018

[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, 2018, resident population control totals for the United States; see Technical Notes in this report]

Education level and sex	Age group					Age-adjusted rate ²
	25–64 ¹	25–34	35–44	45–54	55–64	
	Number					
Both sexes	678,897	58,844	80,380	164,837	374,836	...
Less than high school diploma or GED	120,343	10,383	14,672	29,876	65,412	...
High school diploma or GED	301,183	27,664	34,895	72,202	166,422	...
Some college or collegiate degree	242,227	20,151	29,541	59,097	133,438	...
Not stated ³	15,144	646	1,272	3,662	9,564	...
Men	421,543	40,864	51,376	101,030	228,273	...
Less than high school diploma or GED	79,558	7,411	9,998	19,717	42,432	...
High school diploma or GED	194,623	20,104	23,687	46,196	104,636	...
Some college or collegiate degree	136,533	12,928	16,852	32,554	74,199	...
Not stated ³	10,829	421	839	2,563	7,006	...
Women	257,354	17,980	29,004	63,807	146,563	...
Less than high school diploma or GED	40,785	2,972	4,674	10,159	22,980	...
High school diploma or GED	106,560	7,560	11,208	26,006	61,786	...
Some college or collegiate degree	105,694	7,223	12,689	26,543	59,239	...
Not stated ³	4,315	225	433	1,099	2,558	...
	Rate ⁴					
Both sexes ³	397.6	129.8	193.7	396.2	886.4	345.7
Less than high school diploma or GED	659.4	267.1	314.5	619.2	1,342.6	553.5
High school diploma or GED	687.4	252.5	362.7	661.4	1,350.8	577.1
Some college or collegiate degree	222.9	66.1	108.6	228.5	531.7	199.6
Men ³	498.3	177.8	248.3	492.3	1,119.2	439.2
Less than high school diploma or GED	796.1	329.2	385.3	754.5	1,674.3	682.5
High school diploma or GED	814.4	315.2	430.9	789.3	1,695.9	705.8
Some college or collegiate degree	269.3	90.1	133.8	270.1	634.6	241.7
Women ³	298.7	80.4	139.4	302.6	669.5	255.2
Less than high school diploma or GED	494.0	181.7	225.7	459.3	983.0	401.8
High school diploma or GED	535.0	165.1	271.8	513.6	1,004.5	429.5
Some college or collegiate degree	182.3	44.7	86.8	192.2	442.0	162.7

... Category not applicable.

¹Excludes figures for age not stated.

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

³Includes deaths with education not stated.

⁴Figures for education not stated are included in totals for "Both sexes," "Male," and "Female" but are not distributed among specified years of education.

NOTE: GED is General Educational Development high school equivalency diploma.

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, 2018

[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, 2018; see Technical Notes in this report. 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 in this report. For a discussion of injury at work, see Supplemental Technical Notes in this report]

Race and Hispanic origin and sex	Age group							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	4,560	281	804	840	955	989	691	...
Male	4,179	256	734	776	879	911	623	...
Female	381	25	70	64	76	78	68	...
Non-Hispanic, single race ⁴ :								
White, both sexes	3,006	150	491	509	595	717	544	...
Male	2,728	138	445	461	544	653	487	...
Female	278	12	46	48	51	64	57	...
Black, both sexes	520	36	95	96	119	117	57	...
Male	475	29	86	88	110	112	50	...
Female	45	7	9	8	9	5	7	...
Hispanic ⁵	827	82	178	200	191	118	58	...
Male	786	77	169	195	178	111	56	...
Female	41	5	9	5	13	7	2	...
	Rate							
Total ³ , both sexes	1.7	0.7	1.8	2.0	2.3	2.3	1.3	1.7
Male	3.2	1.2	3.2	3.8	4.3	4.5	2.7	3.2
Female	0.3	0.1	0.3	0.3	0.4	0.4	0.2	0.3
Non-Hispanic, single race ⁴ :								
White, both sexes	1.8	0.7	1.9	2.2	2.3	2.4	1.4	1.8
Male	3.3	1.2	3.5	3.9	4.2	4.5	2.7	3.3
Female	0.3	*	0.4	0.4	0.4	0.4	0.3	0.3
Black, both sexes	1.6	0.6	1.5	1.8	2.3	2.4	1.2	1.6
Male	3.1	0.9	2.7	3.5	4.5	5.0	2.6	3.1
Female	0.3	*	*	*	*	*	*	0.3
Hispanic ⁵	1.9	0.8	1.9	2.3	2.7	2.4	1.3	1.9
Male	3.5	1.5	3.4	4.4	5.0	4.7	2.9	3.6
Female	0.2	*	*	*	*	*	*	0.2

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability; see Technical Notes in this report.

¹Excludes figures for age not stated.

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

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

⁴Includes only one race reported on the death certificate.

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

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, 2010–2018

[Includes ages 15 and over; excludes figures for age not stated. 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 in this report. 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 in this report. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget (OMB) 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 in this 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									
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									
2018.....	3,006	2,728	278	1.8	3.3	0.3	1.8	3.3	0.3
Non-Hispanic, bridged-race white ⁶									
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									
2018.....	520	475	45	1.6	3.1	0.3	1.6	3.1	0.3
Non-Hispanic, bridged-race black ⁶									
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									
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

¹Rates 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 in this report.

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

³Includes races and origin not shown separately; see Technical Notes in this report.

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; see Technical Notes in this report.

⁶Multiple-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 in this report.

⁷Includes persons of Hispanic origin of any race; see Technical Notes in this report.

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, 2018

[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, 2018; see Technical Notes in this report. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget 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 in this report.]

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 ^{2,3}			Non-Hispanic, single-race Asian ^{2,4}			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ⁵		
	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	2,839,205	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	68,768	35,089	33,679	3,277	1,786	1,491	204,719	113,045	91,674
Under 1	21,467	12,068	9,399	8,893	4,991	3,902	6,127	3,458	2,669	229	123	106	700	380	320	79	45	34	4,487	2,502	1,985
1-4	3,830	2,243	1,587	1,767	1,033	734	938	555	383	58	37	21	137	82	55	10	7	3	794	455	339
5-9	2,330	1,286	1,044	1,042	585	457	597	334	263	37	21	16	97	55	42	8	3	5	461	241	220
10-14	3,120	1,795	1,325	1,529	914	615	675	382	293	60	22	38	110	59	51	8	4	4	656	366	290
15-19	10,380	7,380	3,000	5,284	3,634	1,650	2,383	1,841	542	168	123	45	260	180	80	23	13	10	2,033	1,442	591
20-24	19,774	14,628	5,146	10,408	7,450	2,958	4,440	3,419	1,021	301	221	80	468	317	151	56	47	9	3,707	2,891	816
25-29	27,461	19,629	7,832	15,571	10,935	4,636	5,988	4,341	1,647	527	353	174	564	399	165	65	48	17	4,266	3,230	1,036
30-34	31,383	21,235	10,148	19,158	12,825	6,333	6,125	4,134	1,991	603	398	205	655	424	231	75	42	33	4,345	3,126	1,219
35-39	37,617	24,523	13,094	22,987	14,914	8,073	7,315	4,627	2,688	625	399	226	876	554	322	91	63	28	5,225	3,658	1,567
40-44	42,763	26,853	15,910	25,797	16,148	9,649	8,668	5,262	3,406	700	436	264	1,057	631	426	109	68	41	5,905	4,002	1,903
45-49	64,873	39,969	24,904	41,140	25,279	15,861	12,385	7,302	5,083	873	535	338	1,696	1,024	672	163	103	60	7,915	5,281	2,634
50-54	99,964	61,061	38,903	66,034	40,314	25,720	18,497	10,825	7,672	1,207	722	485	2,212	1,366	846	250	140	110	10,742	7,030	3,712
55-59	160,963	98,261	62,702	111,809	68,499	43,310	28,371	16,616	11,755	1,621	962	659	3,279	1,969	1,310	295	175	120	13,920	8,969	4,951
60-64	213,873	130,012	83,861	152,583	93,319	59,264	36,596	21,327	15,269	1,723	998	725	4,484	2,704	1,780	362	206	156	16,087	10,114	5,973
65-69	251,246	148,548	102,698	185,381	110,305	75,076	38,803	22,208	16,595	1,828	1,021	807	5,676	3,316	2,360	373	199	174	17,054	10,123	6,931
70-74	292,532	164,363	128,169	227,734	128,877	98,857	35,675	19,161	16,514	1,807	938	869	6,385	3,542	2,843	369	195	174	18,379	10,331	8,048
75-79	321,745	171,972	149,773	256,539	138,187	118,352	34,070	17,201	16,869	1,671	830	841	7,693	4,245	3,448	317	162	155	19,433	10,188	9,245
80-84	353,460	175,216	178,244	285,738	143,279	142,459	32,837	14,857	17,980	1,535	726	809	9,319	4,615	4,704	287	127	160	21,971	10,685	11,286
85 and over	880,280	337,318	542,962	743,111	287,326	455,785	60,905	20,097	40,808	2,217	813	1,404	23,096	9,223	13,873	337	139	198	47,327	18,403	28,924
Not stated	144	109	35	47	34	13	13	11	2	-	-	-	4	4	-	-	-	-	12	8	4

See footnotes at end of table.

Table I-10. Number of deaths and death rates, by age, race and Hispanic origin, and sex: United States, 2018—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, 2018; see Technical Notes in this report. Race and Hispanic-origin categories are consistent with 1997 Office of Management and Budget 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 in this report]

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 ^{2,3}			Non-Hispanic, single-race Asian ^{2,4}			Non-Hispanic, single-race Native Hawaiian or Other Pacific Islander ²			Hispanic ⁵		
	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 ⁶	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	367.2	393.4	343.3	558.9	605.4	511.8	341.9	373.9	309.3
Under 17 ⁷	557.8	613.1	500.0	467.6	512.1	420.9	1,159.5	1,285.0	1,029.2	726.4	763.3	687.8	384.0	406.3	360.5	1,005.6	1,120.2	885.6	445.3	486.1	402.7
1-4	24.0	27.5	20.4	22.5	25.6	19.2	42.7	49.9	35.4	44.4	55.5	32.8	16.9	19.7	14.0	*	*	*	19.1	21.4	16.6
5-9	11.5	12.5	10.6	10.4	11.4	9.4	21.5	23.7	19.2	21.6	24.2	*	9.5	10.5	8.4	*	*	*	8.8	9.0	8.5
10-14	14.9	16.8	13.0	14.4	16.8	11.9	23.7	26.5	20.9	33.8	24.5	43.3	10.4	11.0	9.7	*	*	*	12.4	13.6	11.2
15-19	49.2	68.5	29.1	47.4	63.5	30.4	81.4	124.1	37.6	94.1	135.2	51.4	23.7	32.7	14.6	56.1	*	*	40.9	56.8	24.2
20-24	90.4	130.6	48.2	88.7	123.6	51.9	142.0	215.7	66.2	163.4	236.3	88.3	36.2	48.5	23.6	127.8	208.8	*	76.6	116.1	34.7
25-29	116.5	163.3	67.9	121.7	167.4	74.0	172.2	248.5	95.2	263.3	345.4	177.7	35.1	50.3	20.3	126.7	181.2	*	87.5	126.9	44.4
30-34	141.8	189.7	92.7	154.6	204.5	103.5	210.1	290.4	133.4	353.7	463.7	242.1	40.1	53.8	27.3	148.0	161.3	133.9	95.5	130.5	56.5
35-39	174.4	227.3	121.5	188.7	243.0	133.5	264.3	350.4	185.8	398.7	512.0	286.8	56.1	75.5	38.9	191.1	257.5	121.0	116.7	157.5	72.7
40-44	216.9	274.1	160.4	230.3	286.7	173.3	348.1	448.8	258.4	497.3	628.1	370.0	73.6	94.3	55.5	276.5	338.2	212.3	143.7	191.1	94.5
45-49	312.7	389.4	237.6	327.7	402.1	253.1	478.3	601.3	369.6	603.8	755.5	458.2	122.0	158.0	90.5	440.7	556.5	324.7	210.5	278.4	141.3
50-54	478.7	594.1	366.8	491.9	604.4	380.8	713.7	892.3	556.5	809.0	1,003.8	627.7	186.9	248.7	133.4	720.5	817.7	625.9	329.0	427.6	229.0
55-59	733.6	921.0	556.3	742.1	925.1	565.2	1,087.2	1,375.8	838.5	1,033.4	1,292.8	799.3	300.4	393.7	221.5	881.5	1,069.6	701.5	506.2	661.2	355.3
60-64	1,051.9	1,336.3	791.0	1,048.1	1,321.5	790.7	1,602.1	2,066.8	1,219.3	1,249.3	1,557.3	982.0	454.5	611.9	326.8	1,308.8	1,547.9	1,087.0	751.5	988.4	534.6
65-69	1,470.4	1,848.8	1,134.5	1,463.6	1,821.4	1,135.8	2,211.5	2,912.4	1,672.8	1,711.8	2,058.2	1,411.3	689.0	917.3	510.5	1,722.4	1,912.9	1,546.3	1,089.0	1,395.6	824.5
70-74	2,182.2	2,646.2	1,781.6	2,214.0	2,658.3	1,817.9	2,958.8	3,769.5	2,367.9	2,368.5	2,654.6	2,121.7	1,064.7	1,339.2	848.2	2,435.2	2,662.5	2,222.5	1,645.9	2,070.3	1,303.0
75-79	3,471.9	4,149.2	2,923.9	3,563.5	4,216.5	3,017.8	4,276.5	5,423.7	3,517.8	3,437.3	3,771.4	3,160.9	1,900.3	2,365.9	1,529.6	3,467.5	3,782.4	3,190.0	2,623.3	3,241.6	2,167.7
80-84	5,768.6	6,764.1	5,039.5	5,987.7	6,978.4	5,239.6	6,390.8	7,879.6	5,527.8	5,227.5	5,832.3	4,782.5	3,469.0	4,008.1	3,064.6	5,075.2	5,053.7	5,092.3	4,433.2	5,328.4	3,824.8
85 and over	13,450.7	14,504.0	12,870.0	14,287.4	15,400.2	13,665.0	12,180.9	13,310.2	11,692.3	8,552.6	8,534.5	8,563.1	8,476.4	9,149.3	8,081.2	6,495.8	6,850.7	6,267.8	9,483.8	10,124.4	9,116.8

– Quantity zero.
 * Rate does not meet National Center for Health Statistics standards of reliability; see Technical Notes in this report.
¹Includes deaths with origin not stated, origin not classifiable, and two or more races reported; see Technical Notes in this report.
²Only one race was reported on the death certificate; see Technical Notes in this report.
³Includes Aleut and Eskimo persons.
⁴Includes Chinese, Filipino, Hawaiian, Japanese, and other Asian or Pacific Islander persons.
⁵Includes persons of Hispanic origin of any race; see Technical Notes in this report.
⁶Figures for age not stated are included in “All ages” but are not distributed among age groups.
⁷Death rates for “Under 1” (based on population estimates) differ from infant mortality rates (based on live births); see Technical Notes in this report.

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018

[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, 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.	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	68,768	35,089	33,679	3,277	1,786	1,491	204,719	113,045	91,674
Salmonella infections. (A01-A02)	58	31	27	36	19	17	11	4	7	1	-	1	3	2	1	1	1	-	6	5	1
Shigellosis and amebiasis. (A03,A06)	6	3	3	6	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Certain other intestinal infections. (A04,A07-A09)	7,904	3,136	4,768	6,287	2,438	3,849	770	341	429	49	16	33	148	61	87	6	2	4	595	254	341
Tuberculosis. (A16-A19)	542	356	186	229	145	84	97	68	29	7	5	2	99	70	29	2	2	-	98	59	39
Respiratory tuberculosis. (A16)	351	230	121	116	71	45	73	51	22	5	3	2	73	52	21	2	2	-	73	44	29
Other tuberculosis (A17-A19)	191	126	65	113	74	39	24	17	7	2	2	-	26	18	8	-	-	-	25	15	10
Whooping cough. (A37)	9	3	6	5	1	4	1	-	1	1	1	-	-	-	-	-	-	-	2	1	1
Scarlet fever and erysipelas. (A38,A46)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection. (A39)	28	17	11	15	8	7	7	6	1	-	-	-	1	1	-	-	-	-	5	2	3
Septicemia. (A40-A41)	40,718	19,820	20,898	29,764	14,571	15,193	6,634	3,064	3,570	243	113	130	762	383	379	42	16	26	3,029	1,541	1,488
Syphilis. (A50-A53)	37	22	15	17	10	7	18	11	7	-	-	-	-	-	-	-	-	-	2	1	1
Acute poliomyelitis. (A80)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arthropod-borne viral encephalitis (A83-A84,A85.2)	4	4	-	3	3	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
Measles. (B05)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis. (B15-B19)	4,842	3,138	1,704	3,072	1,979	1,093	728	485	243	65	30	35	201	128	73	11	8	3	696	460	236
Human immunodeficiency virus (HIV) disease. (B20-B24)	5,425	4,029	1,396	1,775	1,461	314	2,742	1,841	901	38	28	10	57	48	9	6	5	1	728	585	143
Malaria. (B50-B54)	8	7	1	4	4	-	3	2	1	-	-	-	-	-	-	-	-	-	1	1	-
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)	8,390	4,394	3,996	6,198	3,222	2,976	991	522	469	76	37	39	285	148	137	18	9	9	732	407	325

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 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)	599,274	315,553	283,721	462,856	246,008	216,848	69,687	35,071	34,616	2,982	1,534	1,448	17,233	8,673	8,560	717	337	380	42,066	21,892	20,174
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	10,158	7,221	2,937	7,996	5,635	2,361	1,107	817	290	41	32	9	379	272	107	12	9	3	551	403	148
Malignant neoplasm of esophagus (C15)	15,419	12,297	3,122	12,921	10,441	2,480	1,221	841	380	71	52	19	303	225	78	7	5	2	799	666	133
Malignant neoplasm of stomach (C16)	11,043	6,628	4,415	6,145	3,823	2,322	1,955	1,165	790	87	44	43	796	433	363	35	17	18	1,938	1,089	849
Malignant neoplasms of colon, rectum and anus (C18-C21)	53,094	28,296	24,798	39,389	20,840	18,549	7,001	3,682	3,319	314	168	146	1,685	900	785	54	29	25	4,318	2,483	1,835
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	27,686	18,594	9,092	18,147	12,231	5,916	3,685	2,496	1,189	247	157	90	1,562	1,030	532	48	33	15	3,766	2,471	1,295
Malignant neoplasm of pancreas (C25)	44,915	23,178	21,737	34,240	17,988	16,252	5,489	2,637	2,852	194	99	95	1,386	643	743	40	19	21	3,343	1,671	1,672
Malignant neoplasm of larynx (C32)	3,777	3,016	761	2,871	2,269	602	594	474	120	17	15	2	38	34	4	3	3	-	234	204	30
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	142,161	76,284	65,877	116,432	61,756	54,676	14,974	8,422	6,552	717	359	358	3,471	1,933	1,538	133	76	57	5,552	3,224	2,328
Malignant melanoma of skin (C43)	8,199	5,295	2,904	7,708	5,022	2,686	124	61	63	5	1	4	59	27	32	2	2	-	278	167	111
Malignant neoplasm of breast (C50)	42,950	484	42,466	31,507	363	31,144	6,501	83	6,418	185	3	182	1,292	5	1,287	71	2	69	3,098	26	3,072
Malignant neoplasm of cervix uteri (C53)	4,138	...	4,138	2,555	...	2,555	751	...	751	32	...	32	150	...	150	16	...	16	586	...	586
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	11,238	...	11,238	7,629	...	7,629	2,206	...	2,206	41	...	41	323	...	323	42	...	42	916	...	916
Malignant neoplasm of ovary (C56)	13,748	...	13,748	10,663	...	10,663	1,365	...	1,365	58	...	58	460	...	460	15	...	15	1,098	...	1,098
Malignant neoplasm of prostate (C61)	31,489	31,489	...	23,176	23,176	...	5,197	5,197	...	132	132	...	635	635	...	33	33	...	2,115	2,115	...

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 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)	14,134	9,188	4,946	11,051	7,212	3,839	1,311	830	481	131	87	44	280	183	97	15	8	7	1,268	810	458
Malignant neoplasm of bladder (C67)	16,641	11,978	4,663	14,129	10,358	3,771	1,283	769	514	47	25	22	281	195	86	13	11	2	801	549	252
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70–C72)	17,127	9,731	7,396	14,055	8,103	5,952	1,118	570	548	56	28	28	466	281	185	12	6	6	1,309	678	631
Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81–C96)	57,609	33,053	24,556	44,944	26,223	18,721	5,900	3,118	2,782	262	149	113	1,581	858	723	73	41	32	4,534	2,487	2,047
Hodgkin disease (C81)	1,038	614	424	773	465	308	106	64	42	5	2	3	18	9	9	–	–	–	131	72	59
Non-Hodgkin lymphoma (C82–C85)	20,287	11,678	8,609	16,217	9,411	6,806	1,535	858	677	87	50	37	647	355	292	25	12	13	1,665	935	730
Leukemia (C91–C95)	23,359	13,651	9,708	18,700	11,092	7,608	2,031	1,091	940	88	55	33	620	349	271	30	19	11	1,757	972	785
Multiple myeloma and immunoproliferative neoplasms (C88,C90)	12,809	7,045	5,764	9,164	5,202	3,962	2,214	1,099	1,115	82	42	40	292	143	149	18	10	8	974	505	469
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)	116	65	51	90	53	37	14	6	8	–	–	–	4	2	2	–	–	–	7	3	4
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)	73,748	38,821	34,927	57,298	30,568	26,730	7,905	3,909	3,996	345	183	162	2,086	1,019	1,067	93	43	50	5,562	2,849	2,713
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	15,640	8,377	7,263	12,775	6,953	5,822	1,412	687	725	54	32	22	421	204	217	7	3	4	897	458	439
Anemias (D50–D64)	5,262	2,281	2,981	3,682	1,571	2,111	1,104	487	617	24	5	19	115	57	58	7	4	3	303	142	161
Diabetes mellitus (E10–E14)	84,946	47,551	37,395	55,597	32,093	23,504	15,211	7,775	7,436	1,005	548	457	2,802	1,480	1,322	239	137	102	9,386	5,115	4,271

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 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)	9,619	3,620	5,999	7,598	2,775	4,823	1,130	464	666	52	21	31	203	96	107	9	4	5	574	237	337
Malnutrition (E40-E46)	9,335	3,497	5,838	7,366	2,676	4,690	1,103	449	654	49	20	29	195	95	100	8	3	5	563	232	331
Other nutritional deficiencies (E50-E64)	284	123	161	232	99	133	27	15	12	3	1	2	8	1	7	1	1	-	11	5	6
Meningitis (G00,G03)	632	364	268	388	219	169	119	62	57	6	4	2	21	15	6	-	-	-	87	56	31
Parkinson disease (G20-G21)	33,829	20,523	13,306	29,018	17,703	11,315	1,666	1,004	662	106	61	45	906	496	410	13	7	6	1,988	1,163	825
Alzheimer disease (G30)	122,019	37,957	84,062	101,534	31,697	69,837	8,884	2,526	6,358	323	106	217	2,710	818	1,892	61	20	41	8,021	2,619	5,402
Major cardiovascular diseases (I00-I78)	863,834	446,031	417,803	665,251	341,524	323,727	109,247	56,303	52,944	4,146	2,248	1,898	21,935	11,386	10,549	1,051	593	458	56,217	30,395	25,822
Diseases of heart (I00-I09,I11,I13,I20-I51)	655,381	354,404	300,977	510,960	275,398	235,562	80,483	42,831	37,652	3,210	1,825	1,385	14,677	8,097	6,580	769	463	306	40,537	22,848	17,689
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	3,560	1,238	2,322	2,866	984	1,882	304	108	196	23	12	11	104	33	71	9	5	4	228	80	148
Hypertensive heart disease (I11)	51,524	25,962	25,562	36,025	17,489	18,536	9,874	5,387	4,487	330	166	164	1,100	534	566	57	34	23	3,624	2,017	1,607
Hypertensive heart and renal disease (I13)	8,517	4,021	4,496	6,032	2,760	3,272	1,533	776	757	66	35	31	218	104	114	18	8	10	585	295	290
Ischemic heart diseases (I20-I25)	365,744	215,032	150,712	285,793	168,837	116,956	40,673	22,628	18,045	1,860	1,161	699	9,302	5,544	3,758	427	274	153	24,860	14,755	10,105
Acute myocardial infarction (I21-I22)	108,610	64,079	44,531	84,742	50,359	34,383	12,088	6,630	5,458	553	335	218	2,778	1,689	1,089	115	77	38	7,683	4,584	3,099
Other acute ischemic heart diseases (I24)	4,350	2,388	1,962	3,340	1,843	1,497	678	352	326	25	18	7	84	57	27	3	2	1	185	97	88
Other forms of chronic ischemic heart disease (I20,I25)	252,784	148,565	104,219	197,711	116,635	81,076	27,907	15,646	12,261	1,282	808	474	6,440	3,798	2,642	309	195	114	16,992	10,074	6,918
Atherosclerotic cardiovascular disease, so described (I25.0)	64,926	40,785	24,141	47,804	29,691	18,113	9,708	6,084	3,624	429	273	156	1,530	1,004	526	94	64	30	4,549	3,073	1,476
All other forms of chronic ischemic heart disease (I20,I25.1-I25.9)	187,858	107,780	80,078	149,907	86,944	62,963	18,199	9,562	8,637	853	535	318	4,910	2,794	2,116	215	131	84	12,443	7,001	5,442

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 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)	226,036	108,151	117,885	180,244	85,328	94,916	28,099	13,932	14,167	931	451	480	3,953	1,882	2,071	258	142	116	11,240	5,701	5,539
Acute and subacute endocarditis (I33)	1,657	959	698	1,247	725	522	197	103	94	19	10	9	33	24	9	1	-	1	148	91	57
Diseases of pericardium and acute myocarditis (I30-I31,I40)	988	499	489	707	364	343	141	70	71	7	3	4	38	13	25	1	1	-	89	45	44
Heart failure (I50)	83,616	38,487	45,129	68,247	31,201	37,046	9,286	4,344	4,942	260	108	152	1,380	650	730	72	37	35	3,985	1,950	2,035
All other forms of heart disease (I26-I28, I34-I38,I42-I49,I51)	139,775	68,206	71,569	110,043	53,038	57,005	18,475	9,415	9,060	645	330	315	2,502	1,195	1,307	184	104	80	7,018	3,615	3,403
Essential hypertension and hypertensive renal disease (I10,I12,I15)	35,835	16,141	19,694	24,617	10,748	13,869	6,335	3,061	3,274	188	99	89	1,466	623	843	46	21	25	2,928	1,452	1,476
Cerebrovascular diseases (I60-I69)	147,810	62,844	84,966	110,309	45,640	64,669	19,413	8,832	10,581	641	276	365	5,201	2,350	2,851	203	96	107	11,246	5,260	5,986
Atherosclerosis (I70)	4,931	2,124	2,807	4,029	1,699	2,330	438	218	220	22	9	13	115	51	64	7	1	6	283	126	157
Other diseases of circulatory system (I71-I78)	19,877	10,518	9,359	15,336	8,039	7,297	2,578	1,361	1,217	85	39	46	476	265	211	26	12	14	1,223	709	514
Aortic aneurysm and dissection (I71)	9,923	5,771	4,152	7,819	4,497	3,322	1,114	631	483	32	19	13	302	186	116	16	8	8	546	373	173
Other diseases of arteries, arterioles and capillaries (I72-I78)	9,954	4,747	5,207	7,517	3,542	3,975	1,464	730	734	53	20	33	174	79	95	10	4	6	677	336	341
Other disorders of circulatory system (I80-I99)	4,828	2,467	2,361	3,406	1,726	1,680	940	472	468	34	22	12	60	34	26	3	2	1	350	189	161
Influenza and pneumonia (J09-J18)	59,120	28,683	30,437	45,612	21,937	23,675	6,074	2,974	3,100	415	217	198	2,257	1,129	1,128	71	33	38	4,254	2,167	2,087
Influenza (J09-J11)	11,164	5,095	6,069	9,052	4,082	4,970	890	417	473	83	40	43	308	159	149	19	11	8	749	364	385
Pneumonia (J12-J18)	47,956	23,588	24,368	36,560	17,855	18,705	5,184	2,557	2,627	332	177	155	1,949	970	979	52	22	30	3,505	1,803	1,702
Other acute lower respiratory infections (J20-J22,U04)	321	143	178	248	103	145	34	18	16	3	1	2	6	1	5	-	-	-	27	18	9
Acute bronchitis and bronchiolitis (J20-J21)	238	103	135	179	70	109	30	15	15	2	1	1	4	1	3	-	-	-	20	14	6
Other and unspecified acute lower respiratory infections (J22,U04)	83	40	43	69	33	36	4	3	1	1	-	1	2	-	2	-	-	-	7	4	3

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 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)	159,486	75,250	84,236	138,178	64,410	73,768	11,640	5,802	5,838	758	353	405	1,935	1,143	792	98	49	49	5,801	2,924	2,877
Bronchitis, chronic and unspecified (J40-J42)	492	225	267	390	175	215	46	23	23	1	—	1	10	4	6	—	—	—	41	21	20
Emphysema (J43)	7,560	3,947	3,613	6,610	3,378	3,232	548	309	239	33	20	13	106	70	36	7	4	3	206	134	72
Asthma (J45-J46)	3,441	1,363	2,078	1,888	683	1,205	927	394	533	27	12	15	156	67	89	12	11	1	377	172	205
Other chronic lower respiratory diseases (J44,J47)	147,993	69,715	78,278	129,290	60,174	69,116	10,119	5,076	5,043	697	321	376	1,663	1,002	661	79	34	45	5,177	2,597	2,580
Pneumoconioses and chemical effects (J60-J66,J68)	661	627	34	599	571	28	21	18	3	10	10	—	4	3	1	2	2	—	23	21	2
Pneumonitis due to solids and liquids (J69)	19,239	10,859	8,380	15,495	8,801	6,694	1,925	1,041	884	102	61	41	507	285	222	20	10	10	1,083	586	497
Other diseases of respiratory system (J00-J06, J30-J39,J67,J70-J98)	43,814	22,241	21,573	34,840	17,795	17,045	4,119	1,938	2,181	280	151	129	1,053	557	496	30	12	18	3,253	1,667	1,586
Peptic ulcer (K25-K28)	3,372	1,742	1,630	2,592	1,292	1,300	348	205	143	22	13	9	143	76	67	5	2	3	226	132	94
Diseases of appendix (K35-K38)	368	216	152	265	151	114	46	28	18	1	—	1	10	7	3	—	—	—	42	27	15
Hernia (K40-K46)	2,265	947	1,318	1,859	769	1,090	172	80	92	14	5	9	22	15	7	2	1	1	182	69	113
Chronic liver disease and cirrhosis (K70,K73-K74)	42,838	27,227	15,611	30,752	19,276	11,476	3,261	2,057	1,204	1,100	594	506	650	403	247	43	26	17	6,628	4,618	2,010
Alcoholic liver disease (K70)	23,172	16,099	7,073	16,438	11,158	5,280	1,711	1,131	580	817	456	361	291	226	65	26	18	8	3,626	2,935	691
Other chronic liver disease and cirrhosis (K73-K74)	19,666	11,128	8,538	14,314	8,118	6,196	1,550	926	624	283	138	145	359	177	182	17	8	9	3,002	1,683	1,319
Cholelithiasis and other disorders of gallbladder (K80-K82)	3,778	1,838	1,940	2,879	1,387	1,492	337	154	183	36	23	13	129	68	61	6	3	3	371	193	178

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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
	Nephritis, nephrotic syndrome and nephrosis . . . (N00-N07, N17-N19,N25-N27)	51,386	26,715	24,671	35,275	18,591	16,684	9,722	4,803	4,919	326	145	181	1,452	749	703	71	32	39	4,274	2,255	2,019
Acute and rapidly progressive nephritic and nephrotic syndrome . (N00-N01,N04)	686	343	343	503	258	245	102	47	55	8	3	5	19	10	9	1	1	-	50	21	29
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03,N05-N07,N26)	267	143	124	206	115	91	21	11	10	5	3	2	12	5	7	-	-	-	20	8	12
Renal failure . . . (N17-N19)	50,404	26,214	24,190	34,547	18,209	16,338	9,592	4,740	4,852	313	139	174	1,419	734	685	70	31	39	4,203	2,225	1,978
Other disorders of kidney (N25,N27)	29	15	14	19	9	10	7	5	2	-	-	-	2	-	2	-	-	-	1	1	-
Infections of kidney (N10-N12,N13.6,N15.1)	864	297	567	632	220	412	103	35	68	11	2	9	24	8	16	4	3	1	86	28	58
Hyperplasia of prostate (N40)	578	578	...	448	448	...	60	60	...	3	3	...	16	16	...	2	2	...	42	42	...
Inflammatory diseases of female pelvic organs (N70-N76)	163	...	163	125	...	125	26	...	26	-	...	-	3	...	3	1	...	1	8	...	8
Pregnancy, childbirth and the puerperium (O00-O99)	973	...	973	451	...	451	297	...	297	16	...	16	39	...	39	7	...	7	149	...	149
Pregnancy with abortive outcome (O00-O07)	29	...	29	9	...	9	16	...	16	-	...	-	-	...	-	-	...	-	4	...	4
Other complications of pregnancy, childbirth and the puerperium (O10-O99)	944	...	944	442	...	442	281	...	281	16	...	16	39	...	39	7	...	7	145	...	145
Certain conditions originating in the perinatal period (P00-P96)	10,718	6,086	4,632	4,082	2,315	1,767	3,342	1,905	1,437	71	36	35	390	208	182	37	22	15	2,268	1,277	991

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 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
Congenital malformations, deformations and chromosomal abnormalities . . . (Q00-Q99)	9,729	5,099	4,630	5,941	3,082	2,859	1,560	813	747	100	56	44	278	145	133	16	10	6	1,606	864	742
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	32,537	15,297	17,240	24,504	10,940	13,564	4,554	2,378	2,176	244	135	109	553	260	293	49	29	20	2,226	1,296	930
All other diseases . . . (residual)	343,954	147,675	196,279	274,268	116,137	158,131	37,730	16,553	21,177	2,131	1,027	1,104	6,581	2,828	3,753	277	143	134	20,902	9,921	10,981
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	167,127	107,884	59,243	122,557	76,316	46,241	20,182	14,097	6,085	1,992	1,324	668	2,963	1,857	1,106	211	150	61	17,239	12,778	4,461
Transport accidents (V01-V99, Y85)	42,032	30,033	11,999	26,964	19,054	7,910	6,432	4,717	1,715	742	518	224	890	551	339	78	55	23	6,444	4,811	1,633
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)	39,404	27,953	11,451	25,095	17,584	7,511	6,140	4,475	1,665	686	475	211	837	505	332	76	53	23	6,123	4,559	1,564
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)	1,064	821	243	658	493	165	153	126	27	29	22	7	24	22	2	1	1	-	184	150	34

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 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)	1,564	1,259	305	1,211	977	234	139	116	23	27	21	6	29	24	5	1	1	-	137	102	35
Nontransport accidents (W00-X59,Y86)	125,095	77,851	47,244	95,593	57,262	38,331	13,750	9,380	4,370	1,250	806	444	2,073	1,306	767	133	95	38	10,795	7,967	2,828
Falls (W00-W19)	37,455	18,840	18,615	32,148	15,699	16,449	1,699	1,016	683	206	112	94	996	571	425	33	20	13	2,178	1,300	878
Accidental discharge of firearms . . . (W32-W34)	458	413	45	284	257	27	101	90	11	9	7	2	6	5	1	-	-	-	49	45	4
Accidental drowning and submersion. (W65-W74)	3,710	2,803	907	2,223	1,626	597	631	509	122	64	50	14	182	123	59	13	10	3	528	429	99
Accidental exposure to smoke, fire and flames. (X00-X09)	2,972	1,768	1,204	2,069	1,222	847	599	350	249	38	29	9	29	18	11	1	1	-	205	130	75
Accidental poisoning and exposure to noxious substances . . (X40-X49)	62,399	43,157	19,242	45,315	30,499	14,816	8,372	6,001	2,371	730	470	260	524	398	126	66	48	18	6,374	5,022	1,352
Other and unspecified nontransport accidents and their sequelae. (W20-W31,W35-W64, W75-W99,X10-X39, X50-X59,Y86)	18,101	10,870	7,231	13,554	7,959	5,595	2,348	1,414	934	203	138	65	336	191	145	20	16	4	1,461	1,041	420
Intentional self-harm (suicide). (*U03, X60-X84,Y87.0)	48,344	37,761	10,583	38,415	29,997	8,418	3,022	2,406	616	545	409	136	1,315	921	394	73	61	12	4,313	3,469	844
Intentional self-harm (suicide) by discharge of firearms (X72-X74)	24,432	21,101	3,331	20,585	17,720	2,865	1,492	1,316	176	174	145	29	310	260	50	16	15	1	1,601	1,431	170
Intentional self-harm (suicide) by other and unspecified means and their sequelae. (*U03, X60-X71,X75-X84,Y87.0)	23,912	16,660	7,252	17,830	12,277	5,553	1,530	1,090	440	371	264	107	1,005	661	344	57	46	11	2,712	2,038	674

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 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)	18,830	14,825	4,005	5,460	3,639	1,821	9,469	8,071	1,398	275	218	57	263	171	92	42	35	7	3,045	2,491	554
Assault (homicide) by discharge of firearms (*U01.4,X93-X95)	13,958	11,641	2,317	3,303	2,354	949	7,937	6,998	939	153	123	30	162	118	44	32	27	5	2,191	1,880	311
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)	4,872	3,184	1,688	2,157	1,285	872	1,532	1,073	459	122	95	27	101	53	48	10	8	2	854	611	243
Legal intervention (Y35,Y89.0)	618	593	25	301	289	12	136	130	6	14	14	-	11	11	-	2	2	-	141	134	7
Events of undetermined intent (Y10-Y34,Y87.2,Y89.9)	5,653	3,734	1,919	3,825	2,371	1,454	1,158	886	272	75	51	24	93	61	32	11	8	3	409	303	106
Discharge of firearms, undetermined intent (Y22-Y24)	353	284	69	202	156	46	72	58	14	11	9	2	4	3	1	4	4	-	54	48	6
Other and unspecified events of undetermined intent and their sequelae (Y10-Y21,Y25-Y34, Y87.2,Y89.9)	5,300	3,450	1,850	3,623	2,215	1,408	1,086	828	258	64	42	22	89	58	31	7	4	3	355	255	100
Operations of war and their sequelae (Y36,Y89.1)	11	11	-	10	10	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Complications of medical and surgical care (Y40-Y84,Y88)	4,604	2,457	2,147	3,423	1,868	1,555	667	310	357	33	18	15	109	67	42	4	1	3	338	183	155

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 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</i> <i>difficile</i> (A04.7) ⁴	5,249	2,083	3,166	4,193	1,641	2,552	525	223	302	32	8	24	89	37	52	3	2	1	375	156	219
Drug-induced deaths ^{5,6}	71,147	47,338	23,809	52,322	33,679	18,643	9,632	6,883	2,749	680	407	273	634	441	193	76	56	20	6,663	5,087	1,576
Drug overdose deaths ^{5,7}	67,367	44,941	22,426	49,637	32,062	17,575	9,027	6,442	2,585	624	381	243	610	425	185	71	52	19	6,332	4,845	1,487
Alcohol-induced deaths ^{5,8}	37,329	26,820	10,509	26,987	19,001	7,986	3,143	2,234	909	1,312	793	519	456	356	100	34	23	11	4,969	4,109	860
Firearm-related injuries ^{5,9}	39,740	33,955	5,785	24,643	20,745	3,898	9,713	8,567	1,146	361	298	63	492	396	96	54	48	6	4,018	3,521	497

— Quantity zero.

... Category not applicable.

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

²Includes only one race reported on the death certificate.

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

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 in this report.

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, 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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018

[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, 2018; 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 in this report. 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, 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	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	367.2	393.4	343.3	558.9	605.4	511.8	341.9	373.9	309.3
Salmonella infections (A01–A02)	0.0	0.0	0.0	0.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shigellosis and amebiasis (A03,A06)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Certain other intestinal infections (A04,A07–A09)	2.4	1.9	2.9	3.2	2.5	3.8	1.9	1.7	2.0	2.0	*	2.7	0.8	0.7	0.9	*	*	*	1.0	0.8	1.2
Tuberculosis (A16–A19)	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.3	0.1	*	*	*	0.5	0.8	0.3	*	*	*	0.2	0.2	0.1
Respiratory tuberculosis (A16)	0.1	0.1	0.1	0.1	0.1	0.0	0.2	0.3	0.1	*	*	*	0.4	0.6	0.2	*	*	*	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	*	*	*	*	*	0.0	*	*
Whooping cough (A37)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Scarlet fever and erysipelas (A38,A46)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Meningococcal infection (A39)	0.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Septicemia (A40–A41)	12.4	12.3	12.6	15.1	15.0	15.2	16.2	15.7	16.7	10.1	9.5	10.6	4.1	4.3	3.9	7.2	*	8.9	5.1	5.1	5.0
Syphilis (A50–A53)	0.0	0.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Acute poliomyelitis (A80)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Arthropod-borne viral encephalitis (A83–A84,A85.2)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Measles (B05)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Viral hepatitis (B15–B19)	1.5	1.9	1.0	1.6	2.0	1.1	1.8	2.5	1.1	2.7	2.5	2.9	1.1	1.4	0.7	*	*	*	1.2	1.5	0.8
Human immunodeficiency virus (HIV) disease (B20–B24)	1.7	2.5	0.8	0.9	1.5	0.3	6.7	9.4	4.2	1.6	2.4	*	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)	2.6	2.7	2.4	3.1	3.3	3.0	2.4	2.7	2.2	3.1	3.1	3.2	1.5	1.7	1.4	*	*	*	1.2	1.3	1.1

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 2018; 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 in this report. 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, 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)	183.2	195.8	170.9	234.3	252.5	216.6	170.4	179.3	162.2	123.4	128.9	117.9	92.0	97.2	87.3	122.3	114.2	130.4	70.3	72.4	68.1
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	3.1	4.5	1.8	4.0	5.8	2.4	2.7	4.2	1.4	1.7	2.7	*	2.0	3.0	1.1	*	*	*	0.9	1.3	0.5
Malignant neoplasm of esophagus (C15)	4.7	7.6	1.9	6.5	10.7	2.5	3.0	4.3	1.8	2.9	4.4	*	1.6	2.5	0.8	*	*	*	1.3	2.2	0.4
Malignant neoplasm of stomach (C16)	3.4	4.1	2.7	3.1	3.9	2.3	4.8	6.0	3.7	3.6	3.7	3.5	4.3	4.9	3.7	6.0	*	*	3.2	3.6	2.9
Malignant neoplasms of colon, rectum and anus (C18-C21)	16.2	17.6	14.9	19.9	21.4	18.5	17.1	18.8	15.6	13.0	14.1	11.9	9.0	10.1	8.0	9.2	9.8	8.6	7.2	8.2	6.2
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	8.5	11.5	5.5	9.2	12.6	5.9	9.0	12.8	5.6	10.2	13.2	7.3	8.3	11.5	5.4	8.2	11.2	*	6.3	8.2	4.4
Malignant neoplasm of pancreas (C25)	13.7	14.4	13.1	17.3	18.5	16.2	13.4	13.5	13.4	8.0	8.3	7.7	7.4	7.2	7.6	6.8	*	7.2	5.6	5.5	5.6
Malignant neoplasm of larynx (C32)	1.2	1.9	0.5	1.5	2.3	0.6	1.5	2.4	0.6	*	*	*	0.2	0.4	*	*	*	*	0.4	0.7	0.1
Malignant neoplasms of trachea, bronchus and lung (C33-C34)	43.5	47.3	39.7	58.9	63.4	54.6	36.6	43.1	30.7	29.7	30.2	29.2	18.5	21.7	15.7	22.7	25.8	19.6	9.3	10.7	7.9
Malignant melanoma of skin (C43)	2.5	3.3	1.7	3.9	5.2	2.7	0.3	0.3	0.3	*	*	*	0.3	0.3	0.3	*	*	*	0.5	0.6	0.4
Malignant neoplasm of breast (C50)	13.1	0.3	25.6	15.9	0.4	31.1	15.9	0.4	30.1	7.7	*	14.8	6.9	*	13.1	12.1	*	23.7	5.2	0.1	10.4
Malignant neoplasm of cervix uteri (C53)	1.3	...	2.5	1.3	...	2.6	1.8	...	3.5	1.3	...	2.6	0.8	...	1.5	*	...	*	1.0	...	2.0
Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)	3.4	...	6.8	3.9	...	7.6	5.4	...	10.3	1.7	...	3.3	1.7	...	3.3	7.2	...	14.4	1.5	...	3.1
Malignant neoplasm of ovary (C56)	4.2	...	8.3	5.4	...	10.6	3.3	...	6.4	2.4	...	4.7	2.5	...	4.7	*	...	*	1.8	...	3.7
Malignant neoplasm of prostate (C61)	9.6	19.5	...	11.7	23.8	...	12.7	26.6	...	5.5	11.1	...	3.4	7.1	...	5.6	11.2	...	3.5	7.0	...

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 2018; 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 in this report. 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, 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	3.0	5.6	7.4	3.8	3.2	4.2	2.3	5.4	7.3	3.6	1.5	2.1	1.0	*	*	*	2.1	2.7	1.5
Malignant neoplasm of bladder (C67)	5.1	7.4	2.8	7.2	10.6	3.8	3.1	3.9	2.4	1.9	2.1	1.8	1.5	2.2	0.9	*	*	*	1.3	1.8	0.9
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70–C72)	5.2	6.0	4.5	7.1	8.3	5.9	2.7	2.9	2.6	2.3	2.4	2.3	2.5	3.2	1.9	*	*	*	2.2	2.2	2.1
Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81–C96)	17.6	20.5	14.8	22.8	26.9	18.7	14.4	15.9	13.0	10.8	12.5	9.2	8.4	9.6	7.4	12.4	13.9	11.0	7.6	8.2	6.9
Hodgkin disease (C81)	0.3	0.4	0.3	0.4	0.5	0.3	0.3	0.3	0.2	*	*	*	*	*	*	*	*	*	0.2	0.2	0.2
Non-Hodgkin lymphoma (C82–C85)	6.2	7.2	5.2	8.2	9.7	6.8	3.8	4.4	3.2	3.6	4.2	3.0	3.5	4.0	3.0	4.3	*	*	2.8	3.1	2.5
Leukemia (C91–C95)	7.1	8.5	5.8	9.5	11.4	7.6	5.0	5.6	4.4	3.6	4.6	2.7	3.3	3.9	2.8	5.1	*	*	2.9	3.2	2.6
Multiple myeloma and immunoproliferative neoplasms (C88,C90)	3.9	4.4	3.5	4.6	5.3	4.0	5.4	5.6	5.2	3.4	3.5	3.3	1.6	1.6	1.5	*	*	*	1.6	1.7	1.6
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)	22.5	24.1	21.0	29.0	31.4	26.7	19.3	20.0	18.7	14.3	15.4	13.2	11.1	11.4	10.9	15.9	14.6	17.2	9.3	9.4	9.2
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00–D48)	4.8	5.2	4.4	6.5	7.1	5.8	3.5	3.5	3.4	2.2	2.7	1.8	2.2	2.3	2.2	*	*	*	1.5	1.5	1.5
Anemias (D50–D64)	1.6	1.4	1.8	1.9	1.6	2.1	2.7	2.5	2.9	1.0	*	*	0.6	0.6	0.6	*	*	*	0.5	0.5	0.5

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 2018; 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 in this report. 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, 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
Diabetes mellitus . . (E10-E14)	26.0	29.5	22.5	28.1	32.9	23.5	37.2	39.7	34.8	41.6	46.1	37.2	15.0	16.6	13.5	40.8	46.4	35.0	15.7	16.9	14.4
Nutritional deficiencies (E40-E64)	2.9	2.2	3.6	3.8	2.8	4.8	2.8	2.4	3.1	2.2	1.8	2.5	1.1	1.1	1.1	*	*	*	1.0	0.8	1.1
Malnutrition (E40-E46)	2.9	2.2	3.5	3.7	2.7	4.7	2.7	2.3	3.1	2.0	1.7	2.4	1.0	1.1	1.0	*	*	*	0.9	0.8	1.1
Other nutritional deficiencies (E50-E64)	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	0.3	0.3	0.3	*	*	*	0.1	*	*	*	*	*	0.1	0.2	0.1
Parkinson disease (G20-G21)	10.3	12.7	8.0	14.7	18.2	11.3	4.1	5.1	3.1	4.4	5.1	3.7	4.8	5.6	4.2	*	*	*	3.3	3.8	2.8
Alzheimer disease (G30)	37.3	23.6	50.6	51.4	32.5	69.7	21.7	12.9	29.8	13.4	8.9	17.7	14.5	9.2	19.3	10.4	6.8	14.1	13.4	8.7	18.2
Major cardiovascular diseases (I00-I78)	264.0	276.8	251.6	336.8	350.6	323.3	267.1	287.8	248.1	171.5	189.0	154.6	117.1	127.7	107.5	179.2	201.0	157.2	93.9	100.5	87.1
Diseases of heart . . (I00-I09, I11,I13,I20-I51)	200.3	220.0	181.3	258.7	282.7	235.3	196.8	219.0	176.4	132.8	153.4	112.8	78.4	90.8	67.1	131.2	157.0	105.0	67.7	75.6	59.7
Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)	1.1	0.8	1.4	1.5	1.0	1.9	0.7	0.6	0.9	1.0	*	*	0.6	0.4	0.7	*	*	*	0.4	0.3	0.5
Hypertensive heart disease (I11)	15.7	16.1	15.4	18.2	18.0	18.5	24.1	27.5	21.0	13.7	14.0	13.4	5.9	6.0	5.8	9.7	11.5	7.9	6.1	6.7	5.4
Hypertensive heart and renal disease (I13)	2.6	2.5	2.7	3.1	2.8	3.3	3.7	4.0	3.5	2.7	2.9	2.5	1.2	1.2	1.2	*	*	*	1.0	1.0	1.0
Ischemic heart diseases (I20-I25)	111.8	133.5	90.8	144.7	173.3	116.8	99.4	115.7	84.6	76.9	97.6	56.9	49.7	62.2	38.3	72.8	92.9	52.5	41.5	48.8	34.1
Acute myocardial infarction (I21-I22)	33.2	39.8	26.8	42.9	51.7	34.3	29.6	33.9	25.6	22.9	28.2	17.8	14.8	18.9	11.1	19.6	26.1	13.0	12.8	15.2	10.5
Other acute ischemic heart diseases (I24)	1.3	1.5	1.2	1.7	1.9	1.5	1.7	1.8	1.5	1.0	*	*	0.4	0.6	0.3	*	*	*	0.3	0.3	0.3
Other forms of chronic ischemic heart disease (I20,I25)	77.3	92.2	62.8	100.1	119.7	81.0	68.2	80.0	57.4	53.0	67.9	38.6	34.4	42.6	26.9	52.7	66.1	39.1	28.4	33.3	23.3
Atherosclerotic cardiovascular disease, so described (I25.0)	19.8	25.3	14.5	24.2	30.5	18.1	23.7	31.1	17.0	17.7	22.9	12.7	8.2	11.3	5.4	16.0	21.7	10.3	7.6	10.2	5.0

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 2018; 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 in this report. 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, 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 other forms of chronic ischemic heart disease (I20,I25.1–I25.9)	57.4	66.9	48.2	75.9	89.2	62.9	44.5	48.9	40.5	35.3	45.0	25.9	26.2	31.3	21.6	36.7	44.4	28.8	20.8	23.2	18.4
Other heart diseases (I26–I51)	69.1	67.1	71.0	91.2	87.6	94.8	68.7	71.2	66.4	38.5	37.9	39.1	21.1	21.1	21.1	44.0	48.1	39.8	18.8	18.9	18.7
Acute and subacute endocarditis. (I33)	0.5	0.6	0.4	0.6	0.7	0.5	0.5	0.5	0.4	*	*	*	0.2	0.3	*	*	*	*	0.2	0.3	0.2
Diseases of pericardium and acute myocarditis (I30–I31,I40)	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.4	0.3	*	*	*	0.2	*	0.3	*	*	*	0.1	0.1	0.1
Heart failure. (I50)	25.6	23.9	27.2	34.5	32.0	37.0	22.7	22.2	23.2	10.8	9.1	12.4	7.4	7.3	7.4	12.3	12.5	12.0	6.7	6.4	6.9
All other forms of heart disease (I26–I28, I34–I38,I42–I49,I51)	42.7	42.3	43.1	55.7	54.4	56.9	45.2	48.1	42.5	26.7	27.7	25.7	13.4	13.4	13.3	31.4	35.3	27.5	11.7	12.0	11.5
Essential hypertension and hypertensive renal disease (I10,I12,I15)	11.0	10.0	11.9	12.5	11.0	13.9	15.5	15.6	15.3	7.8	8.3	7.2	7.8	7.0	8.6	7.8	7.1	8.6	4.9	4.8	5.0
Cerebrovascular diseases (I60–I69)	45.2	39.0	51.2	55.8	46.8	64.6	47.5	45.2	49.6	26.5	23.2	29.7	27.8	26.3	29.1	34.6	32.5	36.7	18.8	17.4	20.2
Atherosclerosis. (I70)	1.5	1.3	1.7	2.0	1.7	2.3	1.1	1.1	1.0	0.9	*	*	0.6	0.6	0.7	*	*	*	0.5	0.4	0.5
Other diseases of circulatory system (I71–I78)	6.1	6.5	5.6	7.8	8.3	7.3	6.3	7.0	5.7	3.5	3.3	3.7	2.5	3.0	2.2	4.4	*	*	2.0	2.3	1.7
Aortic aneurysm and dissection (I71)	3.0	3.6	2.5	4.0	4.6	3.3	2.7	3.2	2.3	1.3	*	*	1.6	2.1	1.2	*	*	*	0.9	1.2	0.6
Other diseases of arteries, arterioles and capillaries (I72–I78)	3.0	2.9	3.1	3.8	3.6	4.0	3.6	3.7	3.4	2.2	1.7	2.7	0.9	0.9	1.0	*	*	*	1.1	1.1	1.2
Other disorders of circulatory system (I80–I99)	1.5	1.5	1.4	1.7	1.8	1.7	2.3	2.4	2.2	1.4	1.8	*	0.3	0.4	0.3	*	*	*	0.6	0.6	0.5
Influenza and pneumonia (J09–J18)	18.1	17.8	18.3	23.1	22.5	23.6	14.9	15.2	14.5	17.2	18.2	16.1	12.1	12.7	11.5	12.1	11.2	13.0	7.1	7.2	7.0
Influenza. (J09–J11)	3.4	3.2	3.7	4.6	4.2	5.0	2.2	2.1	2.2	3.4	3.4	3.5	1.6	1.8	1.5	*	*	*	1.3	1.2	1.3
Pneumonia. (J12–J18)	14.7	14.6	14.7	18.5	18.3	18.7	12.7	13.1	12.3	13.7	14.9	12.6	10.4	10.9	10.0	8.9	7.5	10.3	5.9	6.0	5.7

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 2018; 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 in this report. 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, 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 acute lower respiratory infections . . . (J20-J22,U04)	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	*	*	*	*	*	*	*	*	*	*	*	0.0	*	*
Other and unspecified acute lower respiratory infections (J22,U04)	0.0	0.0	0.0	0.0	0.0	0.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chronic lower respiratory diseases (J40-J47)	48.7	46.7	50.7	69.9	66.1	73.7	28.5	29.7	27.4	31.4	29.7	33.0	10.3	12.8	8.1	16.7	16.6	16.8	9.7	9.7	9.7
Bronchitis, chronic and unspecified (J40-J42)	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	*	*	*	*	*	*	*	*	*	0.1	0.1	0.1
Emphysema (J43)	2.3	2.4	2.2	3.3	3.5	3.2	1.3	1.6	1.1	1.4	1.7	*	0.6	0.8	0.4	*	*	*	0.3	0.4	0.2
Asthma (J45-J46)	1.1	0.8	1.3	1.0	0.7	1.2	2.3	2.0	2.5	1.1	*	*	0.8	0.8	0.9	*	*	*	0.6	0.6	0.7
Other chronic lower respiratory diseases (J44,J47)	45.2	43.3	47.1	65.4	61.8	69.0	24.7	26.0	23.6	28.8	27.0	30.6	8.9	11.2	6.7	13.5	11.5	15.4	8.6	8.6	8.7
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)	5.9	6.7	5.0	7.8	9.0	6.7	4.7	5.3	4.1	4.2	5.1	3.3	2.7	3.2	2.3	3.4	*	*	1.8	1.9	1.7
Other diseases of respiratory system (J00-J06, J30-J39,J67,J70-J98)	13.4	13.8	13.0	17.6	18.3	17.0	10.1	9.9	10.2	11.6	12.7	10.5	5.6	6.2	5.1	5.1	*	*	5.4	5.5	5.4
Peptic ulcer (K25-K28)	1.0	1.1	1.0	1.3	1.3	1.3	0.9	1.0	0.7	0.9	*	*	0.8	0.9	0.7	*	*	*	0.4	0.4	0.3
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	0.4	0.4	0.4	*	*	*	0.1	*	*	*	*	*	0.3	0.2	0.4
Chronic liver disease and cirrhosis (K70,K73-K74)	13.1	16.9	9.4	15.6	19.8	11.5	8.0	10.5	5.6	45.5	49.9	41.2	3.5	4.5	2.5	7.3	8.8	*	11.1	15.3	6.8
Alcoholic liver disease (K70)	7.1	10.0	4.3	8.3	11.5	5.3	4.2	5.8	2.7	33.8	38.3	29.4	1.6	2.5	0.7	4.4	*	*	6.1	9.7	2.3
Other chronic liver disease and cirrhosis . . . (K73-K74)	6.0	6.9	5.1	7.2	8.3	6.2	3.8	4.7	2.9	11.7	11.6	11.8	1.9	2.0	1.9	*	*	*	5.0	5.6	4.5

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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
Cholelithiasis and other disorders of gallbladder (K80–K82)	1.2	1.1	1.2	1.5	1.4	1.5	0.8	0.8	0.9	1.5	1.9	*	0.7	0.8	0.6	*	*	*	0.6	0.6	0.6
Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07, N17–N19, N25–N27)	15.7	16.6	14.9	17.9	19.1	16.7	23.8	24.6	23.0	13.5	12.2	14.7	7.8	8.4	7.2	12.1	10.8	13.4	7.1	7.5	6.8
Acute and rapidly progressive nephritic and nephrotic syndrome . (N00–N01, N04)	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.3	*	*	*	*	*	*	*	*	*	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	16.3	14.6	17.5	18.7	16.3	23.5	24.2	22.7	12.9	11.7	14.2	7.6	8.2	7.0	11.9	10.5	13.4	7.0	7.4	6.7
Other disorders of kidney (N25, N27)	0.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Infections of kidney (N10–N12, N13.6, N15.1)	0.3	0.2	0.3	0.3	0.2	0.4	0.3	0.2	0.3	*	*	*	0.1	*	*	*	*	*	0.1	0.1	0.2
Hyperplasia of prostate (N40)	0.2	0.4	...	0.2	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	...	0.6	0.2	...	0.5	0.7	...	1.4	*	...	*	0.2	...	0.4	*	...	*	0.2	...	0.5
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	...	0.4	0.7	...	1.3	*	...	*	0.2	...	0.4	*	...	*	0.2	...	0.5

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 2018; 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 in this report. 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, 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
Certain conditions originating in the perinatal period (P00-P96)	3.3	3.8	2.8	2.1	2.4	1.8	8.2	9.7	6.7	2.9	3.0	2.9	2.1	2.3	1.9	6.3	7.5	*	3.8	4.2	3.3
Congenital malformations, deformations and chromosomal abnormalities . . . (Q00-Q99)	3.0	3.2	2.8	3.0	3.2	2.9	3.8	4.2	3.5	4.1	4.7	3.6	1.5	1.6	1.4	*	*	*	2.7	2.9	2.5
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)	9.9	9.5	10.4	12.4	11.2	13.5	11.1	12.2	10.2	10.1	11.3	8.9	3.0	2.9	3.0	8.4	9.8	6.9	3.7	4.3	3.1
All other diseases . . . (residual)	105.1	91.7	118.2	138.8	119.2	157.9	92.2	84.6	99.2	88.2	86.3	89.9	35.1	31.7	38.3	47.2	48.5	46.0	34.9	32.8	37.1
Accidents (unintentional injuries) (V01-X59, Y85-Y86)	51.1	67.0	35.7	62.0	78.3	46.2	49.3	72.1	28.5	82.4	111.3	54.4	15.8	20.8	11.3	36.0	50.8	20.9	28.8	42.3	15.1
Transport accidents (V01-V99,Y85)	12.8	18.6	7.2	13.6	19.6	7.9	15.7	24.1	8.0	30.7	43.5	18.2	4.8	6.2	3.5	13.3	18.6	7.9	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)	12.0	17.3	6.9	12.7	18.0	7.5	15.0	22.9	7.8	28.4	39.9	17.2	4.5	5.7	3.4	13.0	18.0	7.9	10.2	15.1	5.3

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 2018; 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 in this report. 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, 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 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	0.2	0.4	0.6	0.1	1.2	1.8	*	0.1	0.2	*	*	*	*	0.3	0.5	0.1
Water, air and space, and other and unspecified transport accidents and their sequelae (V90–V99,Y85)	0.5	0.8	0.2	0.6	1.0	0.2	0.3	0.6	0.1	1.1	1.8	*	0.2	0.3	*	*	*	*	0.2	0.3	0.1
Nontransport accidents . (W00–X59,Y86)	38.2	48.3	28.5	48.4	58.8	38.3	33.6	48.0	20.5	51.7	67.7	36.2	11.1	14.6	7.8	22.7	32.2	13.0	18.0	26.4	9.5
Falls (W00–W19)	11.4	11.7	11.2	16.3	16.1	16.4	4.2	5.2	3.2	8.5	9.4	7.7	5.3	6.4	4.3	5.6	6.8	*	3.6	4.3	3.0
Accidental discharge of firearms . . . (W32–W34)	0.1	0.3	0.0	0.1	0.3	0.0	0.2	0.5	*	*	*	*	*	*	*	*	*	*	0.1	0.1	*
Accidental drowning and submersion. (W65–W74)	1.1	1.7	0.5	1.1	1.7	0.6	1.5	2.6	0.6	2.6	4.2	*	1.0	1.4	0.6	*	*	*	0.9	1.4	0.3
Accidental exposure to smoke, fire and flames (X00–X09)	0.9	1.1	0.7	1.0	1.3	0.8	1.5	1.8	1.2	1.6	2.4	*	0.2	*	*	*	*	*	0.3	0.4	0.3
Accidental poisoning and exposure to noxious substances . . (X40–X49)	19.1	26.8	11.6	22.9	31.3	14.8	20.5	30.7	11.1	30.2	39.5	21.2	2.8	4.5	1.3	11.3	16.3	*	10.6	16.6	4.6
Other and unspecified nontransport accidents and their sequelae (W20–W31,W35–W64, W75–W99,X10–X39, X50–X59,Y86)	5.5	6.7	4.4	6.9	8.2	5.6	5.7	7.2	4.4	8.4	11.6	5.3	1.8	2.1	1.5	3.4	*	*	2.4	3.4	1.4

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 2018; 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 in this report. 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, 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
Intentional self-harm (suicide) (*U03, X60–X84,Y87.0)	14.8	23.4	6.4	19.4	30.8	8.4	7.4	12.3	2.9	22.5	34.4	11.1	7.0	10.3	4.0	12.4	20.7	*	7.2	11.5	2.8
Intentional self-harm (suicide) by discharge of firearms (X72–X74)	7.5	13.1	2.0	10.4	18.2	2.9	3.6	6.7	0.8	7.2	12.2	2.4	1.7	2.9	0.5	*	*	*	2.7	4.7	0.6
Intentional self-harm (suicide) by other and unspecified means and their sequelae (*U03, X60–X71,X75–X84,Y87.0)	7.3	10.3	4.4	9.0	12.6	5.5	3.7	5.6	2.1	15.3	22.2	8.7	5.4	7.4	3.5	9.7	15.6	*	4.5	6.7	2.3
Assault (homicide) (*U01–*U02,X85–Y09,Y87.1)	5.8	9.2	2.4	2.8	3.7	1.8	23.2	41.3	6.6	11.4	18.3	4.6	1.4	1.9	0.9	7.2	11.9	*	5.1	8.2	1.9
Assault (homicide) by discharge of firearms (*U01.4,X93–X95)	4.3	7.2	1.4	1.7	2.4	0.9	19.4	35.8	4.4	6.3	10.3	2.4	0.9	1.3	0.4	5.5	9.2	*	3.7	6.2	1.0
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)	1.5	2.0	1.0	1.1	1.3	0.9	3.7	5.5	2.2	5.0	8.0	2.2	0.5	0.6	0.5	*	*	*	1.4	2.0	0.8
Legal intervention (Y35,Y89.0)	0.2	0.4	0.0	0.2	0.3	*	0.3	0.7	*	*	*	*	*	*	*	*	*	*	0.2	0.4	*
Events of undetermined intent (Y10–Y34,Y87.2, Y89.9)	1.7	2.3	1.2	1.9	2.4	1.5	2.8	4.5	1.3	3.1	4.3	2.0	0.5	0.7	0.3	*	*	*	0.7	1.0	0.4
Discharge of firearms, undetermined intent (Y22–Y24)	0.1	0.2	0.0	0.1	0.2	0.0	0.2	0.3	*	*	*	*	*	*	*	*	*	*	0.1	0.2	*
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	2.3	1.4	2.7	4.2	1.2	2.6	3.5	1.8	0.5	0.7	0.3	*	*	*	0.6	0.8	0.3

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 2018; 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 in this report. 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, 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
Operations of war and their sequelae. (Y36,Y89.1)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Complications of medical and surgical care (Y40–Y84,Y88)	1.4	1.5	1.3	1.7	1.9	1.6	1.6	1.6	1.7	1.4	*	*	0.6	0.8	0.4	*	*	*	0.6	0.6	0.5
Enterocolitis due to <i>Clostridium</i> <i>difficile</i> (A04.7) ⁴	1.6	1.3	1.9	2.1	1.7	2.5	1.3	1.1	1.4	1.3	*	2.0	0.5	0.4	0.5	*	*	*	0.6	0.5	0.7
Drug-induced deaths ^{5,6}	21.7	29.4	14.3	26.5	34.6	18.6	23.5	35.2	12.9	28.1	34.2	22.2	3.4	4.9	2.0	13.0	19.0	6.9	11.1	16.8	5.3
Drug overdose deaths ^{5,7}	20.6	27.9	13.5	25.1	32.9	17.6	22.1	32.9	12.1	25.8	32.0	19.8	3.3	4.8	1.9	12.1	17.6	*	10.6	16.0	5.0
Alcohol-induced deaths ^{5,8}	11.4	16.6	6.3	13.7	19.5	8.0	7.7	11.4	4.3	54.3	66.7	42.3	2.4	4.0	1.0	5.8	7.8	*	8.3	13.6	2.9
Firearm-related injuries ^{5,9}	12.1	21.1	3.5	12.5	21.3	3.9	23.7	43.8	5.4	14.9	25.0	5.1	2.6	4.4	1.0	9.2	16.3	*	6.7	11.6	1.7

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 in this report.

. . . Category not applicable.

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

²Includes only one race reported on the death certificate.

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

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 in this report.

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-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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018

[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, 2018; see Technical Notes 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 report. 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, 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	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	381.2	454.1	324.1	675.7	758.1	597.3	524.1	633.1	431.7
Salmonella infections (A01-A02)	0.0	0.0	0.0	0.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shigellosis and amebiasis (A03,A06)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Certain other intestinal infections . (A04,A07-A09)	2.0	1.8	2.1	2.1	1.9	2.2	2.1	2.2	2.0	2.2	*	2.7	0.9	0.9	0.9	*	*	*	1.6	1.5	1.6
Tuberculosis . . . (A16-A19)	0.1	0.2	0.1	0.1	0.1	0.0	0.2	0.4	0.1	*	*	*	0.5	0.9	0.3	*	*	*	0.2	0.3	0.2
Respiratory tuberculosis (A16)	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.3	0.1	*	*	*	0.4	0.7	0.2	*	*	*	0.2	0.2	0.1
Other tuberculosis (A17-A19)	0.1	0.1	0.0	0.0	0.1	0.0	0.0	*	*	*	*	*	0.1	*	*	*	*	*	0.0	*	*
Whooping cough . . . (A37)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Scarlet fever and erysipelas (A38,A46)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Meningococcal infection (A39)	0.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Septicemia (A40-A41)	10.2	11.5	9.3	10.0	11.2	9.1	17.4	19.8	15.9	10.8	11.0	10.7	4.3	5.1	3.7	8.9	*	10.1	8.0	9.1	7.1
Syphilis (A50-A53)	0.0	0.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Acute poliomyelitis . . (A80)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Arthropod-borne viral encephalitis (A83-A84,A85.2)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Measles (B05)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Viral hepatitis . . . (B15-B19)	1.2	1.6	0.8	1.1	1.4	0.7	1.6	2.4	1.0	2.5	2.5	2.6	1.0	1.5	0.7	*	*	*	1.5	2.1	1.0
Human immunodeficiency virus (HIV) disease (B20-B24)	1.5	2.3	0.8	0.7	1.2	0.3	6.5	9.3	4.0	1.7	2.5	*	0.3	0.5	*	*	*	*	1.4	2.3	0.6
Malaria (B50-B54)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 2018; see Technical Notes 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 report. 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, 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 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)	2.1	2.5	1.8	2.1	2.5	1.9	2.5	3.1	2.1	3.3	3.2	3.3	1.6	1.9	1.4	*	*	*	1.7	2.0	1.4
Malignant neoplasms . . . (C00–C97)	149.1	176.8	128.6	155.0	183.0	133.8	175.9	217.1	150.4	127.4	144.9	113.7	91.8	107.7	80.2	142.6	145.6	142.8	107.4	128.4	92.5
Malignant neoplasms of lip, oral cavity and pharynx . . . (C00–C14)	2.5	3.9	1.3	2.7	4.1	1.4	2.6	4.5	1.2	1.7	2.8	*	2.0	3.2	1.0	*	*	*	1.4	2.2	0.7
Malignant neoplasm of esophagus (C15)	3.8	6.6	1.4	4.3	7.5	1.5	2.9	4.7	1.6	2.9	4.5	*	1.6	2.6	0.7	*	*	*	2.0	3.6	0.6
Malignant neoplasm of stomach (C16)	2.8	3.7	2.1	2.1	2.9	1.4	5.0	7.3	3.5	3.8	4.3	3.5	4.3	5.5	3.4	7.0	*	*	4.7	5.9	3.8
Malignant neoplasms of colon, rectum and anus (C18–C21)	13.4	15.9	11.2	13.5	15.9	11.4	17.7	22.3	14.6	13.9	15.9	12.2	8.9	10.8	7.3	9.8	10.6	8.9	10.9	14.0	8.4
Malignant neoplasms of liver and intrahepatic bile ducts (C22)	6.7	9.7	4.1	5.9	8.6	3.6	8.6	13.3	5.0	9.9	13.5	6.8	8.2	12.3	5.0	9.5	13.1	*	9.4	13.2	6.2
Malignant neoplasm of pancreas (C25)	11.0	12.7	9.6	11.3	13.1	9.7	13.8	15.7	12.4	8.2	8.8	7.6	7.4	8.0	7.0	8.3	*	8.6	8.8	9.6	8.0
Malignant neoplasm of larynx (C32)	0.9	1.6	0.3	0.9	1.6	0.4	1.4	2.7	0.5	*	*	*	0.2	0.4	*	*	*	*	0.6	1.2	0.1
Malignant neoplasms of trachea, bronchus and lung (C33–C34)	34.8	41.8	29.3	38.2	44.6	33.1	37.4	50.9	28.2	30.2	33.0	27.8	18.7	24.2	14.5	27.8	33.9	22.7	15.1	20.2	11.3
Malignant melanoma of skin (C43)	2.1	3.0	1.4	2.7	3.9	1.8	0.3	0.4	0.3	*	*	*	0.3	0.3	0.3	*	*	*	0.7	0.9	0.5
Malignant neoplasm of breast (C50)	10.9	0.3	19.7	10.9	0.3	19.9	16.3	0.5	28.0	7.9	*	14.2	6.6	*	11.8	14.1	*	26.0	7.4	0.2	13.4
Malignant neoplasm of cervix uteri (C53)	1.1	...	2.2	1.0	...	2.0	1.8	...	3.3	1.3	...	2.4	0.8	...	1.4	*	*	*	1.2	*	2.4

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 2018; see Technical Notes 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 report. 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, 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 corpus uteri and uterus, part unspecified. (C54-C55)	2.7	...	5.0	2.5	...	4.7	5.4	...	9.2	1.6	...	3.0	1.6	...	2.9	7.3	*	14.3	2.2	*	4.1
Malignant neoplasm of ovary (C56)	3.4	...	6.3	3.6	...	6.7	3.4	...	5.8	2.5	...	4.5	2.3	...	4.2	*	*	*	2.6	*	4.8
Malignant neoplasm of prostate (C61)	7.8	18.8	...	7.5	17.8	...	14.2	37.7	...	6.3	14.9	...	3.6	8.8	...	7.9	17.5	*	6.2	15.1	*
Malignant neoplasms of kidney and renal pelvis (C64-C65)	3.5	5.1	2.2	3.7	5.3	2.3	3.3	5.1	2.1	5.5	8.4	3.2	1.5	2.2	0.9	*	*	*	3.2	4.6	2.1
Malignant neoplasm of bladder (C67)	4.2	7.1	2.0	4.6	7.9	2.2	3.4	5.4	2.3	2.2	2.7	1.9	1.6	2.6	0.8	*	*	*	2.3	3.8	1.2
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)	4.4	5.4	3.5	5.1	6.3	4.1	2.8	3.2	2.4	2.4	2.5	2.3	2.4	3.3	1.8	*	*	*	3.0	3.2	2.7
Malignant neoplasms of lymphoid, hematopoietic and related tissue(C81-C96)	14.6	19.2	11.1	15.1	20.0	11.3	15.4	19.7	12.4	11.5	14.6	8.9	8.6	10.9	6.9	14.6	17.3	12.4	11.7	14.6	9.6
Hodgkin disease (C81)	0.3	0.4	0.2	0.3	0.4	0.2	0.3	0.4	0.2	*	*	*	*	*	*	*	*	*	0.3	0.4	0.3
Non-Hodgkin lymphoma (C82-C85)	5.1	6.8	3.8	5.4	7.2	4.0	3.9	5.2	3.0	3.9	5.1	2.9	3.5	4.5	2.7	4.9	*	*	4.5	5.7	3.5
Leukemia (C91-C95)	6.0	8.0	4.4	6.4	8.6	4.7	5.3	6.9	4.3	3.8	5.2	2.6	3.4	4.4	2.6	6.0	*	*	4.3	5.3	3.5
Multiple myeloma and immunoproliferative neoplasms (C88,C90)	3.2	4.0	2.6	3.0	3.9	2.4	5.8	7.2	4.9	3.6	4.2	3.2	1.6	1.9	1.4	*	*	*	2.6	3.2	2.3
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue. . . (C96)	0.0	0.0	0.0	0.0	0.0	0.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 2018; see Technical Notes 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 report. 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, 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 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)	18.5	22.1	15.8	19.4	23.2	16.3	20.0	23.9	17.5	14.8	17.3	12.6	11.2	12.5	10.2	17.8	17.2	18.6	14.0	16.0	12.5
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	4.0	5.0	3.2	4.3	5.4	3.4	3.8	4.6	3.3	2.5	3.5	1.8	2.4	2.7	2.1	*	*	*	2.4	2.9	2.1
Anemias (D50-D64)	1.3	1.4	1.3	1.2	1.2	1.2	2.9	2.9	2.8	1.1	*	*	0.6	0.8	0.6	*	*	*	0.8	0.8	0.8
Diabetes mellitus(E10-E14)	21.4	26.9	16.8	18.9	24.3	14.3	39.3	47.6	33.1	43.7	50.6	37.3	15.4	19.0	12.7	48.1	56.5	40.1	24.6	29.8	20.4
Nutritional deficiencies . . . (E40-E64)	2.4	2.2	2.5	2.4	2.2	2.6	3.3	3.6	3.1	2.8	2.8	2.9	1.2	1.4	1.1	*	*	*	1.7	1.8	1.7
Malnutrition . . . (E40-E46)	2.3	2.2	2.4	2.4	2.1	2.5	3.2	3.5	3.0	2.7	2.6	2.7	1.1	1.4	1.0	*	*	*	1.7	1.7	1.7
Other nutritional deficiencies. . (E50-E64)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Meningitis (G00,G03)	0.2	0.2	0.1	0.2	0.2	0.1	0.3	0.3	0.3	*	*	*	0.1	*	*	*	*	*	0.2	0.2	0.1
Parkinson disease (G20-G21)	8.7	12.9	5.7	9.5	14.1	6.3	5.0	8.2	3.2	5.8	7.9	4.3	5.3	7.1	4.1	*	*	*	6.3	9.2	4.4
Alzheimer disease . . . (G30)	30.5	24.5	34.2	32.3	25.8	36.4	27.6	22.6	29.9	18.2	14.3	20.5	15.8	12.2	18.0	17.0	11.9	20.5	25.5	21.5	27.9
Major cardiovascular diseases (I00-I78)	215.8	261.9	177.5	218.4	264.6	179.3	290.1	359.9	237.9	188.8	222.9	158.5	122.8	149.7	101.6	225.3	258.5	192.7	156.7	191.6	128.1
Diseases of heart (I00-I09,I11,I13, I20-I51)	163.6	207.5	127.9	168.1	213.1	130.7	212.0	270.6	168.6	144.6	178.6	115.0	82.0	106.0	63.5	161.4	196.2	128.0	112.3	143.0	87.6
Acute rheumatic fever and chronic rheumatic heart diseases . . (I00-I09)	0.9	0.7	1.0	1.0	0.8	1.1	0.8	0.7	0.9	1.0	*	*	0.6	0.4	0.7	*	*	*	0.6	0.5	0.7
Hypertensive heart disease (I11)	13.0	15.0	11.0	12.1	13.7	10.3	25.2	31.8	19.9	14.7	15.5	13.7	6.1	6.9	5.4	11.5	13.0	9.7	9.7	11.8	7.9
Hypertensive heart and renal disease . . . (I13)	2.1	2.4	1.9	1.9	2.2	1.7	4.1	5.0	3.4	2.9	3.4	2.5	1.2	1.5	1.1	*	*	*	1.7	1.9	1.5

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 2018; see Technical Notes 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 report. 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, 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
Ischemic heart diseases . . . (I20–I25)	90.9	124.5	64.0	93.8	129.1	65.2	107.0	143.4	80.6	83.5	113.7	58.2	51.7	71.8	36.1	87.4	113.8	62.6	69.1	92.9	50.3
Acute myocardial infarction (I21–I22)	27.0	36.4	19.3	28.2	38.0	19.8	31.6	41.6	24.3	24.2	31.4	17.8	15.3	21.6	10.5	23.1	32.2	14.9	21.0	28.0	15.3
Other acute ischemic heart diseases (I24)	1.1	1.3	0.8	1.1	1.4	0.9	1.7	2.1	1.4	1.1	*	*	0.4	0.7	0.3	*	*	*	0.5	0.6	0.4
Other forms of chronic ischemic heart disease (I20,I25)	62.7	86.8	43.9	64.5	89.7	44.5	73.6	99.7	54.9	58.1	80.5	39.8	35.9	49.5	25.4	63.7	80.9	47.1	47.6	64.2	34.6
Atherosclerotic cardiovascular disease, so described (I25.0)	16.0	22.5	10.4	16.0	22.3	10.4	24.2	35.4	15.8	17.9	24.7	12.3	8.2	12.0	5.1	17.8	24.7	11.2	11.6	16.8	7.1
All other forms of chronic ischemic heart disease . . . (I20,I25.1–I25.9)	46.7	64.3	33.4	48.5	67.4	34.1	49.5	64.4	39.1	40.2	55.8	27.6	27.7	37.5	20.3	45.8	56.1	35.9	36.0	47.5	27.5
Other heart diseases (I26–I51)	56.8	64.8	50.0	59.2	67.3	52.4	74.9	89.7	63.8	42.4	45.0	39.8	22.4	25.3	20.1	57.0	64.3	49.9	31.2	35.9	27.3
Acute and subacute endocarditis . . (I33)	0.5	0.5	0.4	0.5	0.6	0.4	0.5	0.6	0.4	*	*	*	0.2	0.3	*	*	*	*	0.3	0.4	0.3
Diseases of pericardium and acute myocarditis (I30–I31,I40)	0.3	0.3	0.2	0.3	0.3	0.2	0.3	0.4	0.3	*	*	*	0.2	*	0.3	*	*	*	0.2	0.2	0.2
Heart failure . . . (I50)	20.8	23.7	18.5	21.8	24.7	19.5	25.7	30.3	22.4	12.3	11.6	12.8	7.9	9.2	7.0	16.8	18.6	15.4	11.8	13.8	10.4
All other forms of heart disease (I26–I28, I34–I38,I42–I49,I51)	35.3	40.3	30.9	36.7	41.7	32.2	48.4	58.4	40.7	29.1	32.3	26.0	14.0	15.7	12.7	39.8	45.4	34.1	18.8	21.5	16.5

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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
Essential hypertension and hypertensive renal disease . . . (I10,I12,I15)	8.9	9.4	8.3	8.0	8.3	7.5	17.0	20.0	14.7	8.6	10.0	7.4	8.3	8.4	8.1	10.3	9.2	10.9	8.3	9.4	7.4
Cerebrovascular diseases (I60–I69)	37.1	37.6	36.1	36.0	35.7	35.6	53.0	59.0	48.0	30.7	29.7	31.1	29.2	31.4	27.4	46.6	47.3	45.7	32.0	34.2	29.9
Atherosclerosis . . . (I70)	1.2	1.3	1.1	1.3	1.3	1.2	1.2	1.6	1.0	1.0	*	*	0.6	0.7	0.6	*	*	*	0.9	0.9	0.8
Other diseases of circulatory system (I71–I78)	5.0	6.1	4.1	5.1	6.1	4.2	6.8	8.7	5.5	3.9	3.7	3.8	2.6	3.4	2.1	5.5	*	*	3.2	4.1	2.5
Aortic aneurysm and dissection (I71)	2.5	3.3	1.8	2.7	3.5	1.9	2.9	3.6	2.2	1.5	*	*	1.7	2.3	1.1	*	*	*	1.4	2.0	0.8
Other diseases of arteries, arterioles and capillaries (I72–I78)	2.5	2.8	2.2	2.5	2.7	2.3	4.0	5.0	3.3	2.4	1.9	2.7	1.0	1.0	0.9	*	*	*	1.9	2.1	1.6
Other disorders of circulatory system (I80–I99)	1.3	1.4	1.1	1.2	1.4	1.1	2.4	2.8	2.2	1.5	2.0	*	0.3	0.4	0.3	*	*	*	0.8	1.0	0.7
Influenza and pneumonia (J09–J18)	14.9	17.3	13.1	15.1	17.3	13.5	16.4	20.1	14.1	19.3	22.2	16.5	12.9	15.7	10.8	14.9	13.7	15.7	11.7	13.8	10.1
Influenza (J09–J11)	2.8	3.1	2.7	3.0	3.3	2.9	2.4	2.6	2.1	3.9	4.6	3.5	1.8	2.2	1.5	*	*	*	1.9	2.1	1.8
Pneumonia (J12–J18)	12.0	14.2	10.4	12.0	14.1	10.6	14.1	17.4	11.9	15.3	17.7	13.0	11.1	13.5	9.4	11.6	9.8	13.0	9.8	11.7	8.4
Other acute lower respiratory infections . (J20–J22,U04)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	*	*	*	*	*	*	*	*	*	*	*	0.1	*	*
Acute bronchitis and bronchiolitis . (J20–J21)	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-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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 2018; see Technical Notes 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 report. 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, 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)	39.7	43.7	36.8	45.2	48.4	42.8	30.8	38.8	25.8	34.9	36.7	33.7	11.1	16.1	7.7	21.9	23.2	20.8	17.0	20.6	14.5
Bronchitis, chronic and unspecified . . . (J40-J42)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	*	*	*	*	*	*	*	*	*	0.1	0.1	0.1
Emphysema (J43)	1.9	2.3	1.6	2.2	2.5	1.9	1.4	2.0	1.0	1.5	2.1	*	0.6	1.0	0.4	*	*	*	0.6	0.9	0.4
Asthma (J45-J46)	0.9	0.8	1.0	0.7	0.6	0.8	2.3	2.1	2.4	1.2	*	*	0.8	0.9	0.8	*	*	*	0.8	0.8	0.9
Other chronic lower respiratory diseases (J44,J47)	36.7	40.5	34.1	42.1	45.2	39.9	27.0	34.6	22.3	32.2	33.4	31.4	9.6	14.2	6.5	18.2	17.5	19.1	15.5	18.8	13.1
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)	4.8	6.6	3.6	5.1	6.9	3.7	5.3	7.4	4.0	4.8	6.5	3.6	2.9	4.1	2.1	5.0	*	*	3.2	4.1	2.5
Other diseases of respiratory system (J00-J06,J30-J39, J67,J70-J98)	11.0	13.1	9.5	11.6	13.7	10.0	10.7	12.5	9.7	13.2	15.7	11.1	6.0	7.4	4.9	7.0	*	*	9.0	10.7	7.8
Peptic ulcer (K25-K28)	0.8	1.0	0.7	0.9	1.0	0.8	0.9	1.2	0.6	1.0	*	*	0.8	1.0	0.7	*	*	*	0.6	0.8	0.5
Diseases of appendix (K35-K38)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	*	*	*	*	*	*	*	*	*	*	0.1	0.1	*
Hernia (K40-K46)	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.4	*	*	*	0.1	*	*	*	*	*	0.5	0.4	0.5
Chronic liver disease and cirrhosis . . . (K70,K73-K74)	11.1	14.7	7.7	11.5	14.9	8.3	7.4	10.3	5.1	45.2	50.6	40.2	3.4	4.6	2.4	7.9	9.9	*	14.5	20.8	8.8
Alcoholic liver disease (K70)	6.1	8.7	3.7	6.5	8.8	4.3	3.8	5.6	2.5	33.6	38.9	28.9	1.4	2.4	0.6	4.6	*	*	7.3	12.4	2.7
Other chronic liver disease and cirrhosis (K73-K74)	4.9	6.0	4.0	5.0	6.1	4.1	3.6	4.8	2.6	11.6	11.7	11.3	2.0	2.2	1.8	*	*	*	7.2	8.4	6.1

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 2018; see Technical Notes 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 report. 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, 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	
Cholelithiasis and other disorders of gallbladder . . . (K80–K82)	0.9	1.1	0.8	0.9	1.1	0.8	0.9	1.0	0.8	1.7	2.4	*	0.7	0.9	0.6	*	*	*	1.1	1.3	0.9	
Nephritis, nephrotic syndrome and nephrosis . . . (N00–N07, N17–N19, N25–N27)	12.9	15.8	10.8	11.6	14.5	9.6	26.0	31.9	22.1	14.9	14.4	15.1	8.1	10.0	6.8	14.2	13.9	14.8	11.6	13.9	9.8	
Acute and rapidly progressive nephritic and nephrotic syndrome (N00–N01, N04)	0.2	0.2	0.1	0.2	0.2	0.1	0.3	0.4	0.2	*	*	*	*	*	*	*	*	*	0.1	0.1	0.1	
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified . . . (N02–N03, N05–07, N26)	0.1	0.1	0.1	0.1	0.1	0.0	0.0	*	*	*	*	*	*	*	*	*	*	*	0.0	*	*	
Renal failure . . . (N17–N19)	12.7	15.5	10.6	11.4	14.2	9.3	25.6	31.4	21.8	14.3	13.8	14.5	7.9	9.8	6.6	14.0	13.5	14.8	11.4	13.8	9.7	
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	0.3	0.2	0.3	*	*	*	0.1	*	*	*	*	*	0.2	0.2	0.3	
Hyperplasia of prostate (N40)	0.1	0.4	...	0.1	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	*	...	*	*	...	*	*	*	*	*	*	*	

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 2018; see Technical Notes 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 report. 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, 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
Pregnancy, childbirth and the puerperium (O00–O99)	0.3	...	0.7	0.3	...	0.6	0.8	...	1.5	*	...	*	0.2	...	0.4	*	*	*	0.2	*	0.5
Pregnancy with abortive outcome . . . (O00–O07)	0.0	...	0.0	*	...	*	*	...	*	*	...	*	*	...	*	*	*	*	*	*	*
Other complications of pregnancy, childbirth and the puerperium (O10–O99)	0.3	...	0.6	0.3	...	0.6	0.7	...	1.4	*	...	*	0.2	...	0.4	*	*	*	0.2	*	0.5
Certain conditions originating in the perinatal period. (P00–P96)	3.8	4.3	3.4	2.9	3.3	2.6	8.7	9.8	7.6	3.1	3.1	3.2	2.9	3.1	2.8	6.5	7.6	*	3.1	3.4	2.8
Congenital malformations, deformations and chromosomal abnormalities . . (Q00–Q99)	3.1	3.3	2.9	3.2	3.4	3.1	3.9	4.2	3.8	4.3	4.8	3.8	1.8	1.9	1.8	*	*	*	2.4	2.6	2.2
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00–R99)	8.7	9.3	7.9	8.9	9.4	8.3	11.9	14.0	10.1	10.9	12.4	9.3	3.1	3.3	2.9	9.4	10.8	8.0	4.8	5.7	3.9
All other diseases (residual)	87.0	88.2	84.4	91.8	92.3	89.7	102.8	110.5	96.2	97.7	100.7	93.8	37.1	37.7	36.1	60.9	67.9	54.9	55.9	58.6	52.7
Accidents (unintentional injuries) (V01–X59, Y85–Y86)	48.0	65.9	31.0	54.3	72.6	36.5	49.2	74.1	27.8	85.3	115.3	56.5	16.0	22.2	10.9	37.6	53.1	22.3	32.7	48.4	17.3
Transport accidents (V01–V99, Y85)	12.4	18.1	6.9	12.7	18.3	7.3	15.4	23.9	7.9	30.8	43.3	18.6	4.6	6.1	3.3	12.7	17.6	7.7	11.2	16.7	5.8

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 2018; see Technical Notes 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 report. 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, 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	
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)	11.7	16.9	6.6	11.9	16.9	6.9	14.7	22.6	7.6	28.5	39.7	17.6	4.4	5.6	3.3	12.4	16.9	7.7	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	0.2	0.4	0.6	0.1	1.1	1.9	*	0.1	0.2	*	*	*	*	*	0.3	0.5	0.1
Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99,Y85)	0.4	0.7	0.2	0.5	0.9	0.2	0.3	0.6	0.1	1.1	1.7	*	0.1	0.3	*	*	*	*	*	0.3	0.4	0.1
Nontransport accidents . . (W00-X59, Y86)	35.6	47.8	24.1	41.6	54.4	29.2	33.8	50.2	20.0	54.5	72.1	37.9	11.3	16.1	7.5	24.9	35.6	14.7	21.5	31.6	11.6	
Falls (W00-W19)	9.4	11.5	7.8	10.5	12.5	8.9	4.6	6.8	3.1	9.9	11.8	8.2	5.7	7.8	4.1	7.4	9.4	*	5.9	7.8	4.4	

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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, 2018; see Technical Notes 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 report. 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, 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
Accidental discharge of firearms (W32-W34)	0.1	0.2	0.0	0.2	0.3	0.0	0.2	0.4	*	*	*	*	*	*	*	*	*	*	0.1	0.2	*
Accidental drowning and submersion (W65-W74)	1.1	1.7	0.5	1.1	1.6	0.6	1.5	2.6	0.6	2.7	4.2	*	1.0	1.4	0.6	*	*	*	0.9	1.4	0.3
Accidental exposure to smoke, fire and flames . . . (X00-X09)	0.8	1.0	0.6	0.8	1.0	0.7	1.5	2.0	1.2	1.5	2.3	*	0.2	*	*	*	*	*	0.4	0.6	0.3
Accidental poisoning and exposure to noxious substances (X40-X49)	19.3	26.8	11.7	23.9	32.2	15.4	19.8	30.2	10.7	31.4	41.1	22.2	2.6	4.2	1.2	11.4	16.1	*	11.1	17.2	4.8
Other and unspecified nontransport accidents and their sequelae (W20-W31, W35-W64,W75-W99, X10-X39,X50-X59, Y86)	4.9	6.5	3.4	5.1	6.8	3.6	6.1	8.2	4.3	8.7	12.2	5.5	1.9	2.5	1.5	3.9	*	*	3.1	4.5	1.8
Intentional self-harm (suicide)..... (*U03, X60-X84,Y87.0)	14.2	22.8	6.2	18.1	28.6	8.0	7.3	12.2	2.9	22.3	33.6	11.1	6.7	10.0	3.8	11.9	19.8	*	7.4	12.1	2.8
Intentional self-harm (suicide) by discharge of firearms . (X72-X74)	7.0	12.6	1.9	9.3	16.3	2.7	3.6	6.7	0.8	7.2	12.1	2.5	1.6	2.8	0.5	*	*	*	2.8	5.1	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	4.3	8.8	12.3	5.3	3.7	5.4	2.0	15.1	21.5	8.7	5.1	7.2	3.3	9.2	14.6	*	4.6	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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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)	5.9	9.3	2.5	2.8	3.8	1.8	22.6	39.4	6.6	11.5	18.2	4.9	1.4	1.8	0.9	6.9	11.2	*	4.9	7.9	1.8	
Assault (homicide) by discharge of firearms (*U01.4,X93-X95)	4.4	7.4	1.5	1.8	2.5	1.0	18.9	34.0	4.4	6.4	10.3	2.6	0.8	1.3	0.4	5.1	8.5	*	3.5	5.8	1.0	
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)	1.5	2.0	1.0	1.1	1.3	0.9	3.7	5.4	2.2	5.1	8.0	2.4	0.5	0.6	0.5	*	*	*	1.4	2.1	0.8	
Legal intervention . (Y35,Y89.0)	0.2	0.4	0.0	0.2	0.3	*	0.3	0.7	*	*	*	*	*	*	*	*	*	*	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	2.8	4.4	1.2	3.1	4.4	1.9	0.5	0.7	0.3	*	*	*	0.7	1.0	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	2.3	1.4	2.6	4.2	1.2	2.7	3.7	1.7	0.5	0.6	0.3	*	*	*	0.6	0.9	0.3	
Operations of war and their sequelae . . . (Y36,Y89.1)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Complications of medical and surgical care (Y40-Y84,Y88)	1.2	1.4	1.0	1.2	1.5	1.0	1.7	1.8	1.6	1.3	*	*	0.6	0.8	0.4	*	*	*	0.8	0.9	0.7	

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 Hispanic origin, race for non-Hispanic population, and sex: United States, 2018—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
Enterocolitis due to <i>Clostridium</i> <i>difficile</i> (A04.7) ⁴	1.3	1.2	1.4	1.4	1.3	1.4	1.4	1.5	1.4	1.4	*	1.9	0.5	0.5	0.5	*	*	*	1.0	1.0	1.0
Drug-induced deaths ^{5,6}	21.8	29.3	14.3	27.2	35.3	19.0	22.7	34.6	12.3	29.2	35.5	23.1	3.1	4.6	1.8	13.1	19.0	7.1	11.6	17.5	5.6
Drug overdose deaths ^{5,7}	20.7	27.9	13.6	25.9	33.8	18.0	21.3	32.4	11.6	26.8	33.1	20.7	3.0	4.4	1.8	12.3	17.7	*	11.0	16.6	5.2
Alcohol-induced deaths ^{5,8}	9.9	14.7	5.6	10.7	15.3	6.5	7.1	11.2	3.9	54.5	68.2	42.1	2.2	3.8	0.9	5.9	8.4	*	9.9	17.1	3.3
Firearm-related injuries ^{5,9}	11.9	20.7	3.4	11.4	19.5	3.7	23.2	42.0	5.4	15.0	24.8	5.4	2.5	4.2	1.0	8.8	15.6	*	6.6	11.6	1.7

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 in this report.

... Category not applicable.

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

²Includes only one race reported on the death certificate.

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

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 in this report.

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, 2018

[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 in this report. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2018; see Technical Notes in this report. 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 in this report]

Mechanism and intent of death (based on ICD-10)	Number	Rate	Age-adjusted rate ¹
All injury..... (*U01–*U03,V01–Y36,Y85–Y87,Y89)	240,583	73.5	70.1
Unintentional..... (V01–X59,Y85–Y86)	167,127	51.1	48.0
Suicide..... (*U03,X60–X84,Y87.0)	48,344	14.8	14.2
Homicide..... (*U01–*U02,X85–Y09,Y87.1)	18,830	5.8	5.9
Undetermined..... (Y10–Y34,Y87.2,Y89.9)	5,653	1.7	1.7
Legal intervention/war..... (Y35–Y36,Y89[.0,.1])	629	0.2	0.2
Cut/pierce..... (W25–W29,W45–W46,X78,X99,Y28,Y35.4)	2,790	0.9	0.8
Unintentional..... (W25–W29,W45–W46)	147	0.0	0.0
Suicide..... (X78)	897	0.3	0.3
Homicide..... (X99)	1,718	0.5	0.5
Undetermined..... (Y28)	28	0.0	0.0
Legal intervention/war..... (Y35.4)	–	*	*
Drowning..... (W65–W74,X71,X92,Y21)	4,528	1.4	1.4
Unintentional..... (W65–W74)	3,710	1.1	1.1
Suicide..... (X71)	522	0.2	0.1
Homicide..... (X92)	25	0.0	0.0
Undetermined..... (Y21)	271	0.1	0.1
Fall..... (W00–W19,X80,Y01,Y30)	38,707	11.8	9.8
Unintentional..... (W00–W19)	37,455	11.4	9.4
Suicide..... (X80)	1,149	0.4	0.4
Homicide..... (Y01)	7	*	*
Undetermined..... (Y30)	96	0.0	0.0
Fire/hot object or substance..... (*U01.3,X00–X19,X76–X77,X97–X98, Y26–Y27,Y36.3) ²	3,571	1.1	1.0
Unintentional..... (X00–X19)	3,064	0.9	0.8
Suicide..... (X76–X77)	214	0.1	0.1
Homicide..... (*U01.3,X97–X98)	108	0.0	0.0
Undetermined..... (Y26–Y27)	185	0.1	0.1
Legal intervention/war..... (Y36.3)	–	*	*
Fire/flame..... (X00–X09,X76,X97,Y26)	3,470	1.1	1.0
Unintentional..... (X00–X09)	2,972	0.9	0.8
Suicide..... (X76)	214	0.1	0.1
Homicide..... (X97)	99	0.0	0.0
Undetermined..... (Y26)	185	0.1	0.1
Hot object/substance..... (X10–X19,X77,X98,Y27)	101	0.0	0.0
Unintentional..... (X10–X19)	92	0.0	0.0
Suicide..... (X77)	–	*	*
Homicide..... (X98)	9	*	*
Undetermined..... (Y27)	–	*	*
Firearm..... (*U01.4,W32–W34,X72–X74,X93–X95,Y22–Y24,Y35.0)	39,740	12.1	11.9
Unintentional..... (W32–W34)	458	0.1	0.1
Suicide..... (X72–X74)	24,432	7.5	7.0
Homicide..... (*U01.4,X93–X95)	13,958	4.3	4.4
Undetermined..... (Y22–Y24)	353	0.1	0.1
Legal intervention/war..... (Y35.0)	539	0.2	0.2
Machinery..... (W24,W30–W31) ³	525	0.2	0.2

Table I-14. Number of deaths, death rates, and age-adjusted death rates for injury deaths, by mechanism and intent of death: United States, 2018—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 in this report. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2018; see Technical Notes in this report. 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 in this report]

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)	41,557	12.7	12.3
Unintentional (V01-V99)	41,285	12.6	12.2
Suicide (X82)	190	0.1	0.1
Homicide (*U01.1,Y03)	63	0.0	0.0
Undetermined (Y32)	19	*	*
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	37,991	11.6	11.2
Occupant (V30-V79[.4-.9],V83-V86[.0-.3]) ³	8,963	2.7	2.7
Motorcyclist (V20-V28[.3-.9],V29[.4-.9]) ³	4,614	1.4	1.4
Pedal cyclist (V12-V14[.3-.9],V19[.4-.6]) ³	682	0.2	0.2
Pedestrian (V02-V04[.1,.9],V09.2) ³	6,704	2.0	2.0
Other (V80[.3-.5],V81.1,V82.1) ³	9	*	*
Unspecified (V87[.0-.8],V89.2) ³	17,019	5.2	5.0
Pedal cyclist, other (V10-V11,V12-V14[.0-.2],V15-V18,V19[.0-.3,.8,.9]) ³	342	0.1	0.1
Pedestrian, other (V01,V02-V04[.0],V05,V06,V09[.0,.1,.3,.9]) ³	976	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)	1,431	0.4	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])	1,159	0.4	0.4
Suicide (X82)	190	0.1	0.1
Homicide (Y03)	63	0.0	0.0
Undetermined (Y32)	19	*	*
Other transport (*U01.1,V90-V99,Y36.1)	817	0.2	0.2
Unintentional (V90-V99)	817	0.2	0.2
Homicide (*U01.1)	—	*	*
Legal intervention/war (Y36.1)	—	*	*
Natural/environmental (W42-W43,W53-W64,W92-W99,X20-X39,X51-X57) ³	2,003	0.6	0.5
Overexertion (X50) ³	18	*	*
Poisoning (*U01[.6-.7],X40-X49,X60-X69,X85-X90,Y10-Y19,Y35.2)	72,473	22.2	22.2
Unintentional (X40-X49)	62,399	19.1	19.3
Suicide (X60-X69)	6,237	1.9	1.8
Homicide (*U01[.6-.7],X85-X90)	124	0.0	0.0
Undetermined (Y10-Y19)	3,712	1.1	1.1
Legal intervention/war (Y35.2)	1	*	*
Struck by or against (W20-W22,W50-W52,X79,Y00,Y04,Y29,Y35.3)	1,031	0.3	0.3
Unintentional (W20-W22,W50-W52)	827	0.3	0.2
Suicide (X79)	—	*	*
Homicide (Y00,Y04)	204	0.1	0.1
Undetermined (Y29)	—	*	*
Legal intervention/war (Y35.3)	—	*	*
Suffocation (W75-W84,X70,X91,Y20)	21,180	6.5	6.3
Unintentional (W75-W84)	6,701	2.0	1.8
Suicide (X70)	13,840	4.2	4.3
Homicide (X91)	485	0.1	0.1
Undetermined (Y20)	154	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, 2018—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 in this report. Populations used for computing death rates are postcensal estimates based on the 2010 census estimated as of July 1, 2018; see Technical Notes in this report. 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 in this report]

Mechanism and intent of death (based on ICD-10)	Number	Rate	Age-adjusted rate ¹
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)	2,312	0.7	0.7
Unintentional (W23,W35-W41,W44,W49,W85-W91,Y85)	1,395	0.4	0.4
Suicide (*U03.0,X75,X81)	669	0.2	0.2
Homicide (*U01[.0,.2,.5],X96,Y02,Y05-Y07)	190	0.1	0.1
Undetermined (Y25,Y31)	35	0.0	0.0
Legal intervention/war (Y35[.1,.5],Y36[.0,.2,.4-.8])	23	0.0	0.0
Other specified, not elsewhere classified (*U01.8,*U02,X58, X83,Y08,Y33,Y35.6,Y86-Y87,Y89[.0-.1])	1,955	0.6	0.6
Unintentional (X58,Y86)	1,058	0.3	0.3
Suicide (X83,Y87.0)	103	0.0	0.0
Homicide (*U01.8,*U02,Y08,Y87.1)	523	0.2	0.2
Undetermined (Y33,Y87.2)	211	0.1	0.1
Legal intervention/war (Y35.6,Y89[.0,.1])	60	0.0	0.0
Unspecified (*U01.9,*U03.9,X59,X84,Y09,Y34,Y35.7,Y36.9,Y89.9)	8,193	2.5	2.2
Unintentional (X59)	6,082	1.9	1.6
Suicide (*U03.9,X84)	91	0.0	0.0
Homicide (*U01.9,Y09)	1,425	0.4	0.5
Undetermined (Y34,Y89.9)	589	0.2	0.2
Legal intervention/war (Y35.7,Y36.9)	6	*	*

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 in this report.

¹For method of computation, see Technical Notes in this report.

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, 2018

[Rates are per 100,000 population; 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, 2018; see Technical Notes in this report. 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 in this report]

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	2,839,205	867.8	723.6	5,425	1.7	1.5	599,274	183.2	149.1	84,946	26.0	21.4
Alabama	54,352	1,112.0	918.1	93	1.9	1.8	10,632	217.5	170.4	1,176	24.1	19.4
Alaska	4,453	603.8	700.3	3	*	*	957	129.8	141.5	122	16.5	17.7
Arizona	59,282	826.6	669.2	80	1.1	1.1	12,113	168.9	131.9	2,046	28.5	22.4
Arkansas	32,336	1,072.9	876.6	38	1.3	1.2	6,491	215.4	168.8	1,194	39.6	32.3
California	268,818	679.6	609.0	580	1.5	1.3	59,962	151.6	135.0	9,506	24.0	21.4
Colorado	38,526	676.4	651.4	50	0.9	0.8	7,812	137.2	127.6	974	17.1	16.1
Connecticut	31,230	874.1	644.2	52	1.5	1.2	6,472	181.2	134.1	708	19.8	14.6
Delaware	9,433	975.3	757.2	25	2.6	2.2	2,101	217.2	159.4	238	24.6	18.8
District of Columbia	5,008	712.9	718.8	65	9.3	9.4	1,070	152.3	155.6	144	20.5	21.0
Florida	205,426	964.5	657.9	693	3.3	2.9	45,281	212.6	141.7	6,204	29.1	19.8
Georgia	85,202	809.9	790.2	320	3.0	2.9	17,397	165.4	152.4	2,471	23.5	22.1
Hawaii	11,415	803.6	572.5	11	*	*	2,405	169.3	123.5	316	22.2	16.1
Idaho	14,261	813.0	726.6	6	*	*	3,049	173.8	149.5	408	23.3	20.3
Illinois	110,022	863.5	716.9	156	1.2	1.1	23,885	187.5	153.5	2,878	22.6	18.6
Indiana	65,693	981.7	832.7	79	1.2	1.1	13,479	201.4	165.7	2,093	31.3	26.0
Iowa	30,367	962.2	723.9	19	*	*	6,427	203.6	155.3	898	28.5	21.9
Kansas	27,537	945.8	771.3	22	0.8	0.7	5,607	192.6	156.4	803	27.6	22.6
Kentucky	48,707	1,090.0	920.0	54	1.2	1.1	10,135	226.8	181.6	1,506	33.7	27.9
Louisiana	46,048	988.2	870.9	159	3.4	3.2	9,382	201.3	169.0	1,457	31.3	26.9
Maine	14,715	1,099.4	753.9	9	*	*	3,275	244.7	162.1	478	35.7	23.4
Maryland	50,568	836.8	714.1	180	3.0	2.5	10,927	180.8	149.9	1,419	23.5	19.6
Massachusetts	59,152	857.0	670.6	70	1.0	0.9	12,635	183.1	142.8	1,391	20.2	15.8
Michigan	98,903	989.4	782.3	75	0.8	0.6	21,018	210.3	161.1	2,824	28.3	21.9
Minnesota	44,745	797.4	648.0	29	0.5	0.5	9,910	176.6	143.1	1,308	23.3	18.8
Mississippi	32,301	1,081.6	934.8	124	4.2	4.0	6,510	218.0	179.7	1,074	36.0	30.6
Missouri	63,117	1,030.2	823.2	71	1.2	1.1	13,040	212.8	165.3	1,606	26.2	20.8
Montana	9,992	940.6	720.2	3	*	*	2,038	191.8	140.7	267	25.1	19.1
Nebraska	16,904	876.2	717.4	16	*	*	3,516	182.2	150.5	596	30.9	26.0
Nevada	24,715	814.5	741.1	65	2.1	1.9	5,195	171.2	146.5	674	22.2	19.2
New Hampshire	12,774	941.7	712.7	4	*	*	2,711	199.9	143.7	319	23.5	17.3
New Jersey	75,765	850.5	672.5	184	2.1	1.7	16,011	179.7	141.3	1,880	21.1	16.6
New Mexico	19,007	907.1	748.7	31	1.5	1.4	3,672	175.2	136.4	685	32.7	26.1
New York	157,183	804.3	626.7	436	2.2	1.9	34,491	176.5	138.2	4,519	23.1	18.2
North Carolina	93,885	904.2	770.1	188	1.8	1.6	19,671	189.4	154.2	3,013	29.0	23.9
North Dakota	6,445	847.9	690.3	3	*	*	1,320	173.7	145.2	214	28.2	24.1
Ohio	124,264	1,063.0	838.4	126	1.1	1.0	25,164	215.3	165.2	3,845	32.9	25.4
Oklahoma	40,933	1,038.1	893.2	61	1.5	1.4	8,424	213.6	178.1	1,340	34.0	29.0
Oregon	36,187	863.5	689.8	30	0.7	0.7	8,159	194.7	150.6	1,224	29.2	22.9
Pennsylvania	134,702	1,051.8	759.7	121	0.9	0.8	28,023	218.8	156.6	3,603	28.1	20.2
Rhode Island	10,083	953.6	696.7	12	*	*	2,176	205.8	151.6	249	23.6	17.2
South Carolina	50,640	996.0	821.6	124	2.4	2.3	10,365	203.9	157.3	1,580	31.1	24.8
South Dakota	7,971	903.5	715.9	7	*	*	1,632	185.0	145.2	252	28.6	23.3
Tennessee	71,078	1,049.9	889.7	118	1.7	1.7	14,141	208.9	168.0	2,023	29.9	24.5
Texas	202,211	704.5	731.8	570	2.0	2.0	40,866	142.4	142.9	5,991	20.9	21.1
Utah	18,354	580.6	691.8	17	*	*	3,264	103.3	120.0	629	19.9	23.5
Vermont	6,027	962.3	706.5	6	*	*	1,388	221.6	156.0	156	24.9	18.2
Virginia	69,359	814.3	709.5	123	1.4	1.3	15,148	177.8	149.3	2,286	26.8	22.9
Washington	56,877	754.8	666.6	74	1.0	0.9	12,791	169.7	145.3	1,779	23.6	20.4
West Virginia	23,478	1,300.1	953.8	11	*	*	4,682	259.3	179.5	927	51.3	36.2
Wisconsin	53,684	923.4	723.3	30	0.5	0.5	11,457	197.1	151.5	1,508	25.9	20.2
Wyoming	5,070	877.6	749.6	2	*	*	997	172.6	140.6	145	25.1	21.4
Puerto Rico	28,958	906.3	619.3	143	4.5	3.8	5,035	157.6	105.2	3,054	95.6	63.1
U.S. Virgin Islands	---	---	---	---	---	---	---	---	---	---	---	---
Guam	1,035	616.9	869.3	3	*	*	191	113.8	142.4	49	29.2	33.6
American Samoa	---	---	---	---	---	---	---	---	---	---	---	---
Northern Marianas	221	425.0	820.5	-	*	*	41	78.9	158.4	21	40.4	65.7

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, 2018—Con.

[Rates are per 100,000 population; 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, 2018; see Technical Notes in this report. 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 in this report]

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	33,829	10.3	8.7	122,019	37.3	30.5	655,381	200.3	163.6	35,835	11.0	8.9
Alabama	571	11.7	9.6	2,616	53.5	44.9	13,473	275.6	224.7	564	11.5	9.5
Alaska	51	6.9	9.5	131	17.8	27.5	815	110.5	129.7	50	6.8	8.2
Arizona	791	11.0	8.6	3,012	42.0	33.0	12,455	173.7	136.4	928	12.9	10.2
Arkansas	314	10.4	8.3	1,457	48.3	38.9	8,171	271.1	217.4	424	14.1	11.3
California	3,519	8.9	8.2	16,627	42.0	37.1	62,547	158.1	139.7	5,511	13.9	12.3
Colorado	517	9.1	9.2	1,649	29.0	29.6	7,370	129.4	124.3	317	5.6	5.5
Connecticut	403	11.3	8.2	986	27.6	18.5	7,205	201.7	142.1	387	10.8	7.5
Delaware	116	12.0	9.1	412	42.6	32.7	2,030	209.9	159.1	65	6.7	5.2
District of Columbia	34	4.8	5.1	105	14.9	14.3	1,295	184.4	187.0	74	10.5	10.6
Florida	2,691	12.6	7.9	6,725	31.6	19.2	47,027	220.8	143.1	2,776	13.0	8.4
Georgia	928	8.8	9.2	4,513	42.9	46.5	18,986	180.5	175.8	1,154	11.0	10.7
Hawaii	178	12.5	8.8	480	33.8	20.2	2,570	180.9	125.6	140	9.9	6.3
Idaho	200	11.4	10.4	666	38.0	35.0	3,122	178.0	157.9	119	6.8	6.0
Illinois	1,415	11.1	9.3	4,030	31.6	25.3	25,755	202.1	163.9	1,234	9.7	7.8
Indiana	706	10.6	9.0	2,668	39.9	33.4	14,532	217.2	180.7	793	11.9	9.7
Iowa	377	11.9	8.8	1,439	45.6	31.7	7,185	227.7	165.1	461	14.6	10.5
Kansas	334	11.5	9.2	899	30.9	23.6	5,823	200.0	158.9	275	9.4	7.5
Kentucky	479	10.7	9.2	1,674	37.5	32.5	10,697	239.4	198.3	407	9.1	7.7
Louisiana	505	10.8	9.8	2,166	46.5	42.2	11,340	243.3	212.2	383	8.2	7.2
Maine	188	14.0	9.3	580	43.3	28.4	2,965	221.5	147.0	123	9.2	6.0
Maryland	540	8.9	7.8	1,122	18.6	15.8	11,683	193.3	161.9	622	10.3	8.5
Massachusetts	714	10.3	8.1	1,823	26.4	19.5	12,036	174.4	131.5	668	9.7	7.2
Michigan	1,155	11.6	9.1	4,474	44.8	34.3	25,354	253.6	195.0	940	9.4	7.2
Minnesota	715	12.7	10.5	2,436	43.4	33.7	8,408	149.8	119.0	628	11.2	8.7
Mississippi	298	10.0	8.7	1,547	51.8	46.0	7,758	259.8	222.1	554	18.5	15.9
Missouri	719	11.7	9.2	2,641	43.1	32.9	14,893	243.1	188.4	608	9.9	7.6
Montana	94	8.8	6.6	310	29.2	21.7	2,347	220.9	163.2	86	8.1	6.0
Nebraska	228	11.8	9.7	683	35.4	27.4	3,539	183.4	145.7	307	15.9	12.6
Nevada	262	8.6	8.3	704	23.2	23.6	6,393	210.7	190.7	358	11.8	10.8
New Hampshire	169	12.5	9.4	487	35.9	26.4	2,786	205.4	151.0	110	8.1	5.8
New Jersey	881	9.9	7.8	2,710	30.4	22.7	19,047	213.8	163.0	752	8.4	6.4
New Mexico	224	10.7	8.6	583	27.8	22.4	3,935	187.8	148.2	147	7.0	5.6
New York	1,601	8.2	6.3	3,755	19.2	13.9	44,499	227.7	171.9	2,731	14.0	10.5
North Carolina	1,041	10.0	8.7	4,495	43.3	37.9	19,222	185.1	155.5	1,029	9.9	8.4
North Dakota	83	10.9	8.9	356	46.8	33.8	1,361	179.1	140.0	92	12.1	9.2
Ohio	1,439	12.3	9.7	5,391	46.1	34.9	29,220	250.0	191.1	1,404	12.0	9.1
Oklahoma	396	10.0	8.7	1,739	44.1	37.9	10,634	269.7	228.5	438	11.1	9.5
Oregon	482	11.5	9.3	1,868	44.6	35.6	6,820	162.7	128.4	607	14.5	11.3
Pennsylvania	1,614	12.6	8.8	4,064	31.7	20.7	32,768	255.9	176.1	1,116	8.7	5.9
Rhode Island	117	11.1	7.9	470	44.5	29.2	2,411	228.0	158.9	86	8.1	5.7
South Carolina	554	10.9	8.9	2,616	51.5	44.3	10,464	205.8	167.0	599	11.8	9.5
South Dakota	104	11.8	9.5	437	49.5	36.3	1,796	203.6	156.3	113	12.8	9.5
Tennessee	753	11.1	9.6	3,488	51.5	45.0	16,417	242.5	202.4	765	11.3	9.4
Texas	2,422	8.4	9.5	9,763	34.0	38.4	46,763	162.9	170.0	2,347	8.2	8.6
Utah	286	9.0	11.5	1,024	32.4	42.1	3,749	118.6	146.4	156	4.9	6.1
Vermont	65	10.4	7.3	333	53.2	37.7	1,338	213.6	150.5	77	12.3	8.8
Virginia	878	10.3	9.2	2,592	30.4	27.1	14,600	171.4	147.9	787	9.2	8.0
Washington	713	9.5	8.7	3,752	49.8	45.2	11,655	154.7	135.4	718	9.5	8.4
West Virginia	226	12.5	8.8	791	43.8	31.0	5,007	277.3	196.4	255	14.1	9.9
Wisconsin	691	11.9	9.3	2,453	42.2	31.7	12,061	207.5	157.8	514	8.8	6.6
Wyoming	48	8.3	7.3	277	47.9	41.5	1,054	182.4	152.7	36	6.2	5.1
Puerto Rico	157	4.9	3.1	2,201	68.9	41.8	5,288	165.5	106.2	484	15.1	9.5
U.S. Virgin Islands	---	---	---	---	---	---	---	---	---	---	---	---
Guam	4	*	*	5	*	*	319	190.1	293.9	4	*	*
American Samoa	---	---	---	---	---	---	---	---	---	---	---	---
Northern Marianas	-	*	*	-	*	*	58	111.6	201.0	5	*	*

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, 2018—Con.

[Rates are per 100,000 population; 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, 2018; see Technical Notes in this report. 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 in this report]

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	147,810	45.2	37.1	59,120	18.1	14.9	159,486	48.7	39.7	42,838	13.1	11.1
Alabama	3,088	63.2	51.5	1,268	25.9	21.4	3,596	73.6	58.0	762	15.6	12.6
Alaska	216	29.3	40.0	68	9.2	12.1	222	30.1	35.3	121	16.4	15.6
Arizona	2,836	39.5	31.0	1,116	15.6	12.4	3,832	53.4	41.2	1,162	16.2	14.0
Arkansas	1,551	51.5	41.5	670	22.2	18.0	2,385	79.1	61.7	455	15.1	12.7
California	16,457	41.6	37.0	6,917	17.5	15.6	13,634	34.5	30.9	5,390	13.6	12.1
Colorado	1,996	35.0	34.7	568	10.0	9.7	2,636	46.3	44.0	832	14.6	13.2
Connecticut	1,388	38.9	27.2	757	21.2	14.8	1,427	39.9	28.9	350	9.8	7.6
Delaware	605	62.6	46.4	167	17.3	13.1	532	55.0	40.4	109	11.3	8.4
District of Columbia	252	35.9	35.4	79	11.2	11.2	154	21.9	22.7	59	8.4	8.4
Florida	13,255	62.2	39.6	3,091	14.5	9.6	12,362	58.0	37.0	3,345	15.7	11.8
Georgia	4,553	43.3	43.4	1,530	14.5	14.5	4,988	47.4	45.7	1,171	11.1	9.9
Hawaii	786	55.3	37.4	542	38.2	24.5	392	27.6	19.6	120	8.4	6.9
Idaho	718	40.9	36.4	235	13.4	11.9	900	51.3	44.1	249	14.2	12.6
Illinois	5,855	46.0	37.3	2,564	20.1	16.3	5,639	44.3	36.2	1,421	11.2	9.4
Indiana	3,151	47.1	39.3	1,118	16.7	14.0	4,618	69.0	57.2	981	14.7	12.5
Iowa	1,440	45.6	33.0	697	22.1	15.7	1,862	59.0	43.8	331	10.5	8.9
Kansas	1,296	44.5	35.9	630	21.6	17.1	1,837	63.1	50.4	360	12.4	10.9
Kentucky	2,204	49.3	41.5	969	21.7	18.3	3,421	76.6	62.1	717	16.0	13.4
Louisiana	2,485	53.3	46.7	824	17.7	15.6	2,341	50.2	43.1	515	11.1	9.5
Maine	690	51.6	33.7	312	23.3	15.3	938	70.1	45.6	198	14.8	10.7
Maryland	2,883	47.7	40.3	973	16.1	13.6	2,234	37.0	31.0	489	8.1	6.8
Massachusetts	2,466	35.7	27.1	1,441	20.9	15.8	2,760	40.0	30.9	791	11.5	9.3
Michigan	5,183	51.9	40.0	1,869	18.7	14.5	5,781	57.8	44.1	1,310	13.1	10.7
Minnesota	2,270	40.5	32.2	698	12.4	10.0	2,355	42.0	34.0	668	11.9	10.1
Mississippi	1,805	60.4	51.8	910	30.5	26.1	2,134	71.5	59.9	432	14.5	12.0
Missouri	3,039	49.6	38.5	1,477	24.1	18.7	3,978	64.9	50.2	718	11.7	9.6
Montana	418	39.3	30.1	152	14.3	10.7	690	65.0	47.0	153	14.4	11.9
Nebraska	758	39.3	31.5	394	20.4	16.1	1,142	59.2	47.7	231	12.0	11.2
Nevada	1,190	39.2	36.6	527	17.4	16.0	1,652	54.4	49.3	493	16.2	13.9
New Hampshire	499	36.8	27.2	265	19.5	14.3	756	55.7	40.9	213	15.7	11.9
New Jersey	3,444	38.7	29.8	1,465	16.4	12.6	3,210	36.0	28.0	893	10.0	8.2
New Mexico	838	40.0	31.8	365	17.4	14.2	1,160	55.4	43.0	591	28.2	25.7
New York	6,244	32.0	24.4	4,749	24.3	18.4	7,270	37.2	28.5	1,650	8.4	6.9
North Carolina	5,062	48.7	41.3	2,064	19.9	16.9	5,360	51.6	42.6	1,300	12.5	10.4
North Dakota	329	43.3	34.1	152	20.0	15.6	328	43.2	34.9	106	13.9	13.1
Ohio	6,525	55.8	42.6	2,395	20.5	15.7	7,518	64.3	49.0	1,521	13.0	10.6
Oklahoma	1,861	47.2	40.1	809	20.5	17.8	3,013	76.4	63.5	686	17.4	15.4
Oregon	2,024	48.3	38.0	530	12.6	10.2	1,919	45.8	35.6	699	16.7	13.5
Pennsylvania	6,599	51.5	35.3	2,887	22.5	15.5	6,432	50.2	35.1	1,366	10.7	8.2
Rhode Island	424	40.1	28.2	192	18.2	13.3	466	44.1	31.2	167	15.8	12.7
South Carolina	2,819	55.4	45.5	882	17.3	14.5	2,990	58.8	45.8	791	15.6	12.4
South Dakota	389	44.1	33.6	245	27.8	20.7	498	56.4	43.7	186	21.1	19.8
Tennessee	3,499	51.7	43.6	1,646	24.3	20.7	4,662	68.9	55.9	1,098	16.2	13.5
Texas	10,810	37.7	40.3	3,516	12.3	12.9	10,766	37.5	39.7	4,154	14.5	13.9
Utah	919	29.1	36.3	353	11.2	13.4	880	27.8	33.2	287	9.1	10.0
Vermont	263	42.0	29.5	87	13.9	9.8	353	56.4	39.6	60	9.6	7.1
Virginia	3,778	44.4	38.9	1,283	15.1	13.1	3,465	40.7	34.7	944	11.1	9.3
Washington	2,891	38.4	34.1	930	12.3	10.9	2,998	39.8	34.5	990	13.1	11.3
West Virginia	990	54.8	38.6	539	29.8	21.2	1,723	95.4	64.3	350	19.4	14.4
Wisconsin	2,549	43.8	33.4	1,075	18.5	14.1	2,866	49.3	37.8	731	12.6	10.2
Wyoming	220	38.1	32.2	128	22.2	18.9	411	71.1	58.7	122	21.1	19.1
Puerto Rico	1,159	36.3	23.2	824	25.8	16.5	1,041	32.6	20.3	301	9.4	6.4
U.S. Virgin Islands	---	---	---	---	---	---	---	---	---	---	---	---
Guam	84	50.1	79.7	21	12.5	22.9	25	14.9	24.8	16	*	*
American Samoa	---	---	---	---	---	---	---	---	---	---	---	---
Northern Marianas	16	*	*	2	*	*	4	*	*	5	*	*

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, 2018—Con.

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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	51,386	15.7	12.9	167,127	51.1	48.0	39,404	12.0	11.7	48,344	14.8	14.2
Alabama	1,037	21.2	17.3	2,682	54.9	53.0	1,064	21.8	21.4	823	16.8	16.5
Alaska	46	6.2	8.1	400	54.2	56.4	95	12.9	12.6	184	25.0	24.6
Arizona	681	9.5	7.5	4,251	59.3	55.4	1,041	14.5	14.0	1,438	20.1	19.2
Arkansas	689	22.9	18.4	1,530	50.8	48.6	551	18.3	17.9	554	18.4	18.3
California	3,917	9.9	8.8	14,153	35.8	33.7	4,150	10.5	10.1	4,491	11.4	10.9
Colorado	469	8.2	8.0	3,049	53.5	52.3	671	11.8	11.5	1,282	22.5	21.9
Connecticut	612	17.1	12.2	2,054	57.5	53.1	302	8.5	8.2	419	11.7	10.6
Delaware	209	21.6	16.3	662	68.4	67.1	120	12.4	11.9	113	11.7	11.4
District of Columbia	49	7.0	7.3	395	56.2	55.5	42	6.0	5.8	54	7.7	7.5
Florida	3,133	14.7	9.7	12,670	59.5	53.1	3,243	15.2	14.6	3,567	16.7	15.2
Georgia	2,006	19.1	18.5	4,418	42.0	41.7	1,529	14.5	14.2	1,569	14.9	14.6
Hawaii	183	12.9	8.8	625	44.0	37.6	115	8.1	7.9	176	12.4	11.9
Idaho	150	8.6	7.5	889	50.7	49.5	250	14.3	14.3	417	23.8	23.9
Illinois	2,644	20.8	17.0	6,016	47.2	44.3	1,195	9.4	9.1	1,488	11.7	11.3
Indiana	1,412	21.1	17.6	3,782	56.5	55.2	870	13.0	12.8	1,079	16.1	16.0
Iowa	388	12.3	9.1	1,480	46.9	40.8	361	11.4	10.9	490	15.5	15.5
Kansas	553	19.0	15.4	1,465	50.3	46.5	409	14.0	13.9	556	19.1	19.3
Kentucky	1,007	22.5	18.7	3,051	68.3	66.8	774	17.3	16.9	800	17.9	17.5
Louisiana	1,127	24.2	21.0	2,781	59.7	58.8	812	17.4	17.2	720	15.5	15.1
Maine	258	19.3	12.5	1,000	74.7	65.0	157	11.7	11.0	270	20.2	18.5
Maryland	844	14.0	11.9	2,307	38.2	35.0	516	8.5	8.4	650	10.8	10.2
Massachusetts	1,175	17.0	13.1	3,971	57.5	53.0	400	5.8	5.4	740	10.7	9.9
Michigan	1,945	19.5	15.0	5,555	55.6	52.0	1,028	10.3	9.8	1,548	15.5	15.0
Minnesota	598	10.7	8.5	2,792	49.8	43.8	489	8.7	8.3	739	13.2	13.1
Mississippi	786	26.3	22.2	1,692	56.7	54.4	706	23.6	23.3	421	14.1	13.8
Missouri	1,503	24.5	19.1	3,975	64.9	61.6	956	15.6	15.2	1,230	20.1	19.5
Montana	151	14.2	10.3	598	56.3	51.0	178	16.8	16.8	265	24.9	24.9
Nebraska	230	11.9	9.6	806	41.8	38.5	252	13.1	13.1	271	14.0	13.4
Nevada	292	9.6	8.9	1,547	51.0	48.4	367	12.1	11.7	657	21.7	20.8
New Hampshire	191	14.1	10.0	959	70.7	66.0	151	11.1	10.2	279	20.6	19.4
New Jersey	1,672	18.8	14.6	4,676	52.5	50.1	599	6.7	6.4	778	8.7	8.3
New Mexico	330	15.7	12.3	1,514	72.3	69.3	395	18.9	19.0	536	25.6	25.0
New York	2,411	12.3	9.4	7,415	37.9	34.2	1,065	5.4	5.0	1,723	8.8	8.3
North Carolina	1,936	18.6	15.6	6,007	57.9	55.2	1,584	15.3	14.7	1,494	14.4	13.7
North Dakota	117	15.4	12.1	358	47.1	42.0	106	13.9	13.2	147	19.3	19.2
Ohio	2,202	18.8	14.5	7,755	66.3	63.8	1,220	10.4	10.1	1,838	15.7	15.3
Oklahoma	453	11.5	9.7	2,612	66.2	62.5	707	17.9	17.6	790	20.0	20.0
Oregon	395	9.4	7.4	2,075	49.5	43.6	496	11.8	11.1	844	20.1	19.0
Pennsylvania	2,921	22.8	15.8	8,585	67.0	61.9	1,294	10.1	9.4	2,014	15.7	14.9
Rhode Island	143	13.5	9.5	719	68.0	59.1	69	6.5	6.4	106	10.0	9.5
South Carolina	985	19.4	15.6	3,369	66.3	63.3	1,033	20.3	20.0	811	16.0	15.4
South Dakota	71	8.0	6.3	452	51.2	46.4	156	17.7	17.3	167	18.9	19.3
Tennessee	1,143	16.9	14.3	4,483	66.2	63.5	1,113	16.4	15.9	1,161	17.1	16.6
Texas	4,529	15.8	16.4	10,646	37.1	37.7	3,788	13.2	13.2	3,930	13.7	13.7
Utah	335	10.6	13.1	1,284	40.6	45.1	258	8.2	8.5	665	21.0	22.2
Vermont	20	3.2	2.2	444	70.9	63.1	75	12.0	11.4	125	20.0	18.8
Virginia	1,566	18.4	15.9	3,936	46.2	43.7	914	10.7	10.3	1,243	14.6	14.0
Washington	409	5.4	4.8	3,396	45.1	42.1	672	8.9	8.6	1,252	16.6	15.9
West Virginia	493	27.3	19.3	1,707	94.5	90.3	333	18.4	17.4	395	21.9	21.2
Wisconsin	914	15.7	12.2	3,786	65.1	57.1	637	11.0	10.2	888	15.3	14.8
Wyoming	56	9.7	8.2	353	61.1	57.1	96	16.6	16.5	147	25.4	25.2
Puerto Rico	902	28.2	18.5	916	28.7	23.1	339	10.6	9.8	239	7.5	6.9
U.S. Virgin Islands	---	---	---	---	---	---	---	---	---	---	---	---
Guam	27	16.1	26.4	43	25.6	28.3	24	14.3	15.9	45	26.8	28.9
American Samoa	---	---	---	---	---	---	---	---	---	---	---	---
Northern Marianas	5	*	*	11	*	*	3	*	*	8	*	*

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, 2018—Con.

[Rates are per 100,000 population; 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, 2018; see Technical Notes in this report. 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 in this report]

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	18,830	5.8	5.9	37,329	11.4	9.9	71,147	21.7	21.8	39,740	12.1	11.9
Alabama	568	11.6	12.2	413	8.4	7.2	895	18.3	18.8	1,064	21.8	21.8
Alaska	56	7.6	7.5	203	27.5	26.6	119	16.1	15.8	155	21.0	21.0
Arizona	420	5.9	6.1	1,194	16.6	15.1	1,784	24.9	25.4	1,147	16.0	15.3
Arkansas	264	8.8	9.1	329	10.9	9.8	475	15.8	16.7	573	19.0	18.9
California	1,890	4.8	4.8	5,179	13.1	11.8	5,771	14.6	13.8	3,040	7.7	7.5
Colorado	263	4.6	4.7	1,052	18.5	16.7	1,038	18.2	17.5	889	15.6	15.2
Connecticut	92	2.6	2.8	327	9.2	7.6	1,105	30.9	31.6	186	5.2	4.9
Delaware	57	5.9	6.8	88	9.1	7.7	409	42.3	44.7	107	11.1	11.6
District of Columbia	144	20.5	19.4	77	11.0	11.1	266	37.9	37.0	125	17.8	16.7
Florida	1,315	6.2	6.6	2,861	13.4	10.7	4,928	23.1	23.9	2,902	13.6	12.9
Georgia	794	7.5	7.7	913	8.7	7.7	1,500	14.3	14.1	1,680	16.0	15.7
Hawaii	40	2.8	3.1	93	6.5	5.7	237	16.7	15.8	59	4.2	4.0
Idaho	41	2.3	2.3	271	15.4	13.9	274	15.6	15.8	294	16.8	16.6
Illinois	994	7.8	8.0	1,134	8.9	7.7	2,770	21.7	21.6	1,382	10.8	10.9
Indiana	473	7.1	7.4	793	11.9	10.7	1,684	25.2	26.4	977	14.6	14.7
Iowa	81	2.6	2.7	388	12.3	10.9	304	9.6	10.1	282	8.9	8.7
Kansas	160	5.5	5.9	358	12.3	11.0	371	12.7	13.2	424	14.6	14.8
Kentucky	258	5.8	6.1	483	10.8	9.4	1,407	31.5	33.1	762	17.1	16.9
Louisiana	598	12.8	13.3	348	7.5	6.7	1,186	25.5	26.4	991	21.3	21.4
Maine	19	*	*	211	15.8	12.0	364	27.2	29.5	159	11.9	10.3
Maryland	541	9.0	9.3	410	6.8	5.8	2,385	39.5	38.2	707	11.7	11.7
Massachusetts	158	2.3	2.3	721	10.4	8.9	2,391	34.6	34.9	258	3.7	3.5
Michigan	613	6.1	6.5	1,080	10.8	9.3	2,840	28.4	29.2	1,310	13.1	12.9
Minnesota	122	2.2	2.3	762	13.6	11.7	736	13.1	13.0	437	7.8	7.8
Mississippi	382	12.8	13.4	206	6.9	5.9	334	11.2	11.6	681	22.8	22.9
Missouri	658	10.7	11.4	598	9.8	8.6	1,660	27.1	28.3	1,311	21.4	21.5
Montana	42	4.0	4.2	181	17.0	14.7	138	13.0	13.2	186	17.5	17.3
Nebraska	35	1.8	1.9	263	13.6	13.0	171	8.9	9.0	183	9.5	9.0
Nevada	225	7.4	7.7	553	18.2	15.8	712	23.5	22.0	550	18.1	17.9
New Hampshire	21	1.5	1.8	205	15.1	11.7	472	34.8	37.6	155	11.4	10.8
New Jersey	311	3.5	3.7	678	7.6	6.5	2,980	33.5	33.9	420	4.7	4.8
New Mexico	215	10.3	10.8	710	33.9	32.7	562	26.8	28.0	438	20.9	20.7
New York	611	3.1	3.2	1,668	8.5	7.3	3,904	20.0	19.4	821	4.2	4.1
North Carolina	647	6.2	6.4	1,109	10.7	9.2	2,340	22.5	23.1	1,416	13.6	13.3
North Dakota	20	2.6	2.5	137	18.0	17.2	76	10.0	10.8	89	11.7	11.5
Ohio	760	6.5	6.8	1,220	10.4	8.9	4,153	35.5	37.5	1,555	13.3	13.1
Oklahoma	265	6.7	7.0	608	15.4	14.3	739	18.7	19.0	665	16.9	16.8
Oregon	102	2.4	2.5	932	22.2	18.2	678	16.2	15.1	519	12.4	11.7
Pennsylvania	781	6.1	6.4	931	7.3	5.9	4,535	35.4	37.0	1,654	12.9	12.5
Rhode Island	16	*	*	154	14.6	12.4	328	31.0	31.0	37	3.5	3.3
South Carolina	481	9.5	10.2	583	11.5	9.3	1,195	23.5	23.9	895	17.6	17.6
South Dakota	32	3.6	3.9	206	23.3	22.0	59	6.7	7.0	117	13.3	13.6
Tennessee	604	8.9	9.2	909	13.4	11.4	1,950	28.8	29.3	1,228	18.1	17.8
Texas	1,557	5.4	5.4	2,325	8.1	7.8	3,163	11.0	11.0	3,522	12.3	12.2
Utah	67	2.1	2.2	313	9.9	10.9	676	21.4	23.0	397	12.6	13.2
Vermont	14	*	*	101	16.1	12.3	161	25.7	28.1	82	13.1	12.8
Virginia	425	5.0	5.1	694	8.1	6.9	1,502	17.6	17.7	1,035	12.2	11.8
Washington	275	3.6	3.7	1,179	15.6	13.6	1,319	17.5	16.7	809	10.7	10.4
West Virginia	97	5.4	5.8	243	13.5	10.6	926	51.3	55.5	343	19.0	18.2
Wisconsin	204	3.5	3.9	786	13.5	11.3	1,108	19.1	19.7	598	10.3	10.1
Wyoming	22	3.8	4.1	149	25.8	23.3	67	11.6	11.3	124	21.5	21.5
Puerto Rico	623	19.5	21.3	185	5.8	4.2	105	3.3	3.3	618	19.3	21.1
U.S. Virgin Islands	---	---	---	---	---	---	---	---	---	---	---	---
Guam	6	*	*	1	*	*	-	*	*	6	*	*
American Samoa	---	---	---	---	---	---	---	---	---	---	---	---
Northern Marianas	-	*	*	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, 2018—Con.

[Rates are per 100,000 population; 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, 2018; see Technical Notes in this report. 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 in this report]

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

– Quantity zero.

--- Data not available.

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 in this report.

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 in this report.

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 in this report.

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, 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; see Technical Notes in this report.

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 in this report.

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, 2018

[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	21,467	8,893	6,127	4,487	566.2	454.6	1,109.9	506.3
Certain infectious and parasitic diseases (A00-B99)	504	205	132	106	13.3	10.5	23.9	12.0
Certain intestinal infectious diseases (A00-A08)	10	4	1	3	*	*	*	*
Diarrhea and gastroenteritis of infectious origin (A09)	151	58	43	37	4.0	3.0	7.8	4.2
Tuberculosis (A16-A19)	-	-	-	-	*	*	*	*
Tetanus (A33,A35)	-	-	-	-	*	*	*	*
Diphtheria (A36)	-	-	-	-	*	*	*	*
Whooping cough (A37)	4	1	-	2	*	*	*	*
Meningococcal infection (A39)	5	4	1	-	*	*	*	*
Septicemia (A40-A41)	151	53	46	30	4.0	2.7	8.3	3.4
Congenital syphilis (A50)	-	-	-	-	*	*	*	*
Gonococcal infection (A54)	-	-	-	-	*	*	*	*
Viral diseases (A80-B34)	156	73	33	30	4.1	3.7	6.0	3.4
Acute poliomyelitis (A80)	-	-	-	-	*	*	*	*
Varicella (chickenpox) (B01)	-	-	-	-	*	*	*	*
Measles (B05)	-	-	-	-	*	*	*	*
Human immunodeficiency virus (HIV) disease (B20-B24)	-	-	-	-	*	*	*	*
Mumps (B26)	-	-	-	-	*	*	*	*
Other and unspecified viral diseases (A81-B00,B02-B04, B06-B19,B25,B27-B34)	156	73	33	30	4.1	3.7	6.0	3.4
Candidiasis (B37)	3	-	3	-	*	*	*	*
Malaria (B50-B54)	-	-	-	-	*	*	*	*
Pneumocystosis (B59)	1	-	1	-	*	*	*	*
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)	23	12	4	4	0.6	*	*	*
Neoplasms (C00-D48)	92	41	16	25	2.4	2.1	*	2.8
Malignant neoplasms (C00-C97)	51	23	5	15	1.3	1.2	*	*
Hodgkin disease and non-Hodgkin lymphomas (C81-C85)	1	1	-	-	*	*	*	*
Leukemia (C91-C95)	15	8	1	4	*	*	*	*
Other and unspecified malignant neoplasms (C00-C80,C88,C90, C96-C97)	35	14	4	11	0.9	*	*	*
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)	41	18	11	10	1.1	*	*	*
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)	75	42	21	12	2.0	2.1	3.8	*
Anemias (D50-D64)	10	5	3	2	*	*	*	*
Hemorrhagic conditions and other diseases of blood and blood-forming organs (D65-D76)	58	35	14	9	1.5	1.8	*	*
Certain disorders involving the immune mechanism (D80-D89)	7	2	4	1	*	*	*	*

Table I-16. Number of infant deaths and infant mortality rates for 130 selected causes, by race and Hispanic origin: United States, 2018—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)	146	68	33	33	3.9	3.5	6.0	3.7
Short stature, not elsewhere classified (E34.3)	—	—	—	—	*	*	*	*
Nutritional deficiencies (E40-E64)	8	2	3	1	*	*	*	*
Cystic fibrosis (E84)	3	1	1	1	*	*	*	*
Volume depletion, disorders of fluid, electrolyte and acid-base balance (E86-E87)	37	18	12	7	1.0	*	*	*
All other endocrine, nutritional and metabolic diseases (E00-E32, E34.0-E34.2, E34.4-E34.9, E65-E83, E85, E88)	98	47	17	24	2.6	2.4	*	2.7
Diseases of the nervous system (G00-G98)	265	118	54	57	7.0	6.0	9.8	6.4
Meningitis (G00, G03)	64	28	14	10	1.7	1.4	*	*
Infantile spinal muscular atrophy, type I (Werdnig-Hoffman) (G12.0)	3	1	2	—	*	*	*	*
Infantile cerebral palsy (G80)	5	1	3	1	*	*	*	*
Anoxic brain damage, not elsewhere classified (G93.1)	19	7	5	5	*	*	*	*
Other diseases of nervous system (G04, G06-G11, G12.1-G12.9, G20-G72, G81-G92, G93.0, G93.2-G93.9, G95-G98)	174	81	30	41	4.6	4.1	5.4	4.6
Diseases of the ear and mastoid process (H60-H93)	—	—	—	—	*	*	*	*
Diseases of the circulatory system (I00-I99)	428	185	116	89	11.3	9.5	21.0	10.0
Pulmonary heart disease and diseases of pulmonary circulation (I26-I28)	94	33	34	18	2.5	1.7	6.2	*
Pericarditis, endocarditis and myocarditis (I30, I33, I40)	15	4	5	4	*	*	*	*
Cardiomyopathy (I42)	91	48	13	24	2.4	2.5	*	2.7
Cardiac arrest (I46)	12	6	4	2	*	*	*	*
Cerebrovascular diseases (I60-I69)	98	41	33	17	2.6	2.1	6.0	*
All other diseases of circulatory system (I00-I25, I31, I34-I38, I44-I45, I47-I51, I70-I99)	118	53	27	24	3.1	2.7	4.9	2.7
Diseases of the respiratory system (J00-J98, U04)	411	157	144	76	10.8	8.0	26.1	8.6
Acute upper respiratory infections (J00-J06)	8	4	2	1	*	*	*	*
Influenza and pneumonia (J09-J18)	176	69	58	33	4.6	3.5	10.5	3.7
Influenza (J09-J11)	19	8	1	8	*	*	*	*
Pneumonia (J12-J18)	157	61	57	25	4.1	3.1	10.3	2.8
Acute bronchitis and acute bronchiolitis (J20-J21)	34	9	15	8	0.9	*	*	*
Bronchitis, chronic and unspecified (J40-J42)	10	4	4	2	*	*	*	*
Asthma (J45-J46)	1	1	—	—	*	*	*	*
Pneumonitis due to solids and liquids (J69)	4	3	1	—	*	*	*	*
Other and unspecified diseases of respiratory system (J22, J30-J39, J43-J44, J47-J68, J70-J98, U04)	178	67	64	32	4.7	3.4	11.6	3.6

Table I-16. Number of infant deaths and infant mortality rates for 130 selected causes, by race and Hispanic origin: United States, 2018—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	66	42	39	4.5	3.4	7.6	4.4
Gastritis, duodenitis, and noninfective enteritis and colitis (K29,K50–K55)	27	11	11	2	0.7	*	*	*
Hernia of abdominal cavity and intestinal obstruction without hernia (K40–K46,K56)	41	19	7	10	1.1	*	*	*
All other and unspecified diseases of digestive system. (K00–K28, K30–K38,K57–K92)	101	36	24	27	2.7	1.8	4.3	3.0
Diseases of the genitourinary system (N00–N95)	95	41	28	21	2.5	2.1	5.1	2.4
Renal failure and other disorders of kidney. (N17–N19,N25,N27)	69	26	22	17	1.8	1.3	4.0	*
Other and unspecified diseases of genitourinary system (N00–N15, N20–N23,N26,N28–N95)	26	15	6	4	0.7	*	*	*
Certain conditions originating in the perinatal period. (P00–P96)	10,571	4,016	3,291	2,245	278.8	205.3	596.2	253.3
Newborn affected by maternal factors and by complications of pregnancy, labor and delivery. (P00–P04)	2,388	917	679	559	63.0	46.9	123.0	63.1
Newborn affected by maternal hypertensive disorders (P00.0)	63	24	21	14	1.7	1.2	3.8	*
Newborn affected by other maternal conditions which may be unrelated to present pregnancy (P00.1–P00.9)	86	41	20	21	2.3	2.1	3.6	2.4
Newborn affected by maternal complications of pregnancy (P01)	1,358	469	416	331	35.8	24.0	75.4	37.4
Newborn affected by incompetent cervix. (P01.0)	389	107	123	113	10.3	5.5	22.3	12.8
Newborn affected by premature rupture of membranes. (P01.1)	711	254	234	152	18.8	13.0	42.4	17.2
Newborn affected by multiple pregnancy (P01.5)	103	48	29	20	2.7	2.5	5.3	2.3
Newborn affected by other maternal complications of pregnancy. (P01.2–P01.4,P01.6–P01.9)	155	60	30	46	4.1	3.1	5.4	5.2
Newborn affected by complications of placenta, cord and membranes. . . (P02)	724	308	193	158	19.1	15.7	35.0	17.8
Newborn affected by complications involving placenta (P02.0–P02.3)	430	198	106	84	11.3	10.1	19.2	9.5
Newborn affected by complications involving cord (P02.4–P02.6)	46	24	7	13	1.2	1.2	*	*
Newborn affected by chorioamnionitis (P02.7)	245	85	78	61	6.5	4.3	14.1	6.9
Newborn affected by other and unspecified abnormalities of membranes (P02.8–P02.9)	3	1	2	–	*	*	*	*
Newborn affected by other complications of labor and delivery (P03)	86	41	19	19	2.3	2.1	*	*
Newborn affected by noxious influences transmitted via placenta or breast milk (P04)	71	34	10	16	1.9	1.7	*	*

Table I-16. Number of infant deaths and infant mortality rates for 130 selected causes, by race and Hispanic origin: United States, 2018—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
Disorders related to length of gestation and fetal malnutrition (P05-P08)	3,795	1,264	1,411	752	100.1	64.6	255.6	84.9
Slow fetal growth and fetal malnutrition (P05)	116	51	40	17	3.1	2.6	7.2	*
Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	3,679	1,213	1,371	735	97.0	62.0	248.4	82.9
Extremely low birth weight or extreme immaturity (P07.0,P07.2)	2,855	903	1,082	594	75.3	46.2	196.0	67.0
Other low birth weight or preterm (P07.1,P07.3)	824	310	289	141	21.7	15.8	52.4	15.9
Disorders related to long gestation and high birth weight (P08)	—	—	—	—	*	*	*	*
Birth trauma (P10-P15)	12	7	3	1	*	*	*	*
Intrauterine hypoxia and birth asphyxia (P20-P21)	309	137	93	57	8.1	7.0	16.8	6.4
Intrauterine hypoxia (P20)	170	68	59	34	4.5	3.5	10.7	3.8
Birth asphyxia (P21)	139	69	34	23	3.7	3.5	6.2	2.6
Respiratory distress of newborn (P22)	390	164	121	79	10.3	8.4	21.9	8.9
Other respiratory conditions originating in the perinatal period (P23-P28)	748	305	219	158	19.7	15.6	39.7	17.8
Congenital pneumonia (P23)	48	24	11	10	1.3	1.2	*	*
Neonatal aspiration syndromes (P24)	50	27	7	11	1.3	1.4	*	*
Interstitial emphysema and related conditions originating in the perinatal period (P25)	68	26	22	16	1.8	1.3	4.0	*
Pulmonary hemorrhage originating in the perinatal period (P26)	149	49	53	37	3.9	2.5	9.6	4.2
Chronic respiratory disease originating in the perinatal period (P27)	157	65	57	23	4.1	3.3	10.3	2.6
Atelectasis (P28.0-P28.1)	214	86	55	48	5.6	4.4	10.0	5.4
All other respiratory conditions originating in the perinatal period (P28.2-P28.9)	62	28	14	13	1.6	1.4	*	*
Infections specific to the perinatal period (P35-P39)	721	256	225	164	19.0	13.1	40.8	18.5
Bacterial sepsis of newborn (P36)	579	205	186	127	15.3	10.5	33.7	14.3
Omphalitis of newborn with or without mild hemorrhage (P38)	—	—	—	—	*	*	*	*
All other infections specific to the perinatal period (P35,P37,P39)	142	51	39	37	3.7	2.6	7.1	4.2
Hemorrhagic and hematological disorders of newborn (P50-P61)	477	232	101	96	12.6	11.9	18.3	10.8
Neonatal hemorrhage (P50-P52,P54)	375	178	85	78	9.9	9.1	15.4	8.8
Hemorrhagic disease of newborn (P53)	1	—	—	1	*	*	*	*
Hemolytic disease of newborn due to isoimmunization and other perinatal jaundice (P55-P59)	10	4	2	1	*	*	*	*
Hematological disorders (P60-P61)	91	50	14	16	2.4	2.6	*	*
Syndrome of infant of a diabetic mother and neonatal diabetes mellitus (P70.0-P70.2)	5	2	1	1	*	*	*	*
Necrotizing enterocolitis of newborn (P77)	298	104	101	63	7.9	5.3	18.3	7.1

Table I-16. Number of infant deaths and infant mortality rates for 130 selected causes, by race and Hispanic origin: United States, 2018—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)	187	98	27	40	4.9	5.0	4.9	4.5
Other perinatal conditions (P29, P70.3–P70.9, P71–P76, P78–P81, P83.0–P83.1, P83.3–P83.9, P90–P96)	1,241	530	310	275	32.7	27.1	56.2	31.0
Congenital malformations, deformations and chromosomal abnormalities (Q00–Q99)	4,473	2,139	881	1,088	118.0	109.3	159.6	122.8
Anencephaly and similar malformations (Q00)	263	127	34	83	6.9	6.5	6.2	9.4
Congenital hydrocephalus (Q03)	75	31	14	19	2.0	1.6	*	*
Spina bifida (Q05)	8	6	–	2	*	*	*	*
Other congenital malformations of nervous system (Q01–Q02, Q04, Q06–Q07)	275	142	47	67	7.3	7.3	8.5	7.6
Congenital malformations of heart (Q20–Q24)	973	469	210	225	25.7	24.0	38.0	25.4
Other congenital malformations of circulatory system (Q25–Q28)	161	73	35	33	4.2	3.7	6.3	3.7
Congenital malformations of respiratory system (Q30–Q34)	355	161	72	97	9.4	8.2	13.0	10.9
Congenital malformations of digestive system (Q35–Q45)	62	31	11	12	1.6	1.6	*	*
Congenital malformations of genitourinary system (Q50–Q64)	432	214	82	109	11.4	10.9	14.9	12.3
Congenital malformations and deformations of musculoskeletal system, limbs and integument (Q65–Q85)	531	230	113	142	14.0	11.8	20.5	16.0
Down syndrome (Q90)	53	23	13	11	1.4	1.2	*	*
Edward syndrome (Q91.0–Q91.3)	463	225	90	112	12.2	11.5	16.3	12.6
Patau syndrome (Q91.4–Q91.7)	228	107	43	52	6.0	5.5	7.8	5.9
Other congenital malformations and deformations (Q10–Q18, Q86–Q89)	493	244	98	109	13.0	12.5	17.8	12.3
Other chromosomal abnormalities, not elsewhere classified (Q92–Q99)	101	56	19	15	2.7	2.9	*	*
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00–R99)	2,656	1,105	898	429	70.0	56.5	162.7	48.4
Sudden infant death syndrome (R95)	1,334	585	429	216	35.2	29.9	77.7	24.4
Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00–R53, R55–R94, R96–R99)	1,322	520	469	213	34.9	26.6	85.0	24.0
All other diseases (residual)	16	4	3	5	*	*	*	*

Table I-16. Number of infant deaths and infant mortality rates for 130 selected causes, by race and Hispanic origin: United States, 2018—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
External causes of mortality (*U01,V01–Y84)	1,566	706	468	262	41.3	36.1	84.8	29.6
Accidents (unintentional injuries)(V01–X59)	1,168	526	354	186	30.8	26.9	64.1	21.0
Transport accidents (V01–V99)	82	36	18	24	2.2	1.8	*	2.7
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)	81	35	18	24	2.1	1.8	*	2.7
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)	4	1	1	2	*	*	*	*
Accidental discharge of firearms (W32–W34)	–	–	–	–	*	*	*	*
Accidental drowning and submersion (W65–W74)	39	12	11	13	1.0	*	*	*
Accidental suffocation and strangulation in bed (W75)	838	375	267	120	22.1	19.2	48.4	13.5
Other accidental suffocation and strangulation (W76–W77,W81–W84)	113	57	37	11	3.0	2.9	6.7	*
Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract (W78–W80)	26	8	7	6	0.7	*	*	*
Accidents caused by exposure to smoke, fire and flames (X00–X09)	17	10	3	2	*	*	*	*
Accidental poisoning and exposure to noxious substances (X40–X49)	8	5	1	1	*	*	*	*
Other and unspecified accidents (W20–W31,W35–W64, W85–W99,X10–X39,X50–X59)	41	22	9	7	1.1	1.1	*	*
Assault (homicide) (*U01,X85–Y09)	269	117	72	59	7.1	6.0	13.0	6.7
Assault (homicide) by hanging, strangulation and suffocation (X91)	30	18	8	3	0.8	*	*	*
Assault (homicide) by discharge of firearms (*U01.4,X93–X95)	6	2	3	1	*	*	*	*
Neglect, abandonment and other maltreatment syndromes (Y06–Y07)	68	24	22	16	1.8	1.2	4.0	*
Assault (homicide) by other and unspecified means (*U01.0–*U01.3, *U01.5–*U01.9,X85–X90,X92, X96–X99,Y00–Y05,Y08–Y09)	165	73	39	39	4.4	3.7	7.1	4.4
Complications of medical and surgical care (Y40–Y84)	18	8	7	3	*	*	*	*
Other external causes (Y10–Y36)	111	55	35	14	2.9	2.8	6.3	*

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

– Quantity zero.

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

²Includes only one race reported on the death certificate.

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

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, 2018

[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, 2018; 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, 2018. 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 below each population estimate]

Hispanic origin and sex	Age group (years)											
	All ages	Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 and over
Mexican	36,986,655 (58,560)	574,145 (8,426)	2,737,720 (15,008)	7,065,095 (25,057)	6,461,470 (22,056)	5,773,535 (22,857)	5,264,920 (24,565)	4,134,895 (20,008)	2,704,660 (16,542)	1,416,930 (11,539)	631,045 (8,036)	222,240 (4,597)
Male	18,850,930 (42,314)	293,375 (6,114)	1,391,430 (10,900)	3,611,045 (18,096)	3,301,005 (15,848)	3,031,040 (16,752)	2,719,865 (17,840)	2,118,175 (15,117)	1,349,970 (11,208)	677,445 (8,045)	277,610 (5,588)	79,970 (2,595)
Female	18,135,725 (40,481)	280,770 (5,797)	1,346,290 (10,317)	3,454,050 (17,332)	3,160,465 (15,339)	2,742,495 (15,550)	2,545,055 (16,887)	2,016,720 (13,108)	1,354,690 (12,167)	739,485 (8,272)	353,435 (5,775)	142,270 (3,794)
Puerto Rican	5,791,455 (26,961)	90,430 (3,867)	394,140 (6,955)	983,785 (11,981)	905,325 (10,836)	884,250 (10,245)	795,795 (10,226)	673,015 (9,008)	529,265 (7,039)	326,195 (6,084)	153,080 (4,246)	56,175 (2,711)
Male	2,889,230 (19,288)	45,000 (2,762)	197,365 (4,646)	515,490 (8,858)	467,515 (8,055)	449,620 (7,178)	405,070 (7,272)	334,420 (6,652)	246,160 (4,875)	147,435 (4,093)	60,605 (2,672)	20,550 (1,779)
Female	2,902,225 (18,837)	45,430 (2,707)	196,775 (5,175)	468,295 (8,067)	437,810 (7,249)	434,630 (7,309)	390,725 (7,189)	338,595 (6,074)	283,105 (5,078)	178,760 (4,501)	92,475 (3,300)	35,625 (2,046)
Cuban	2,363,520 (17,540)	26,695 (1,855)	119,770 (4,768)	245,870 (5,594)	283,050 (6,126)	341,340 (7,138)	304,745 (6,764)	356,735 (6,211)	287,540 (5,883)	193,835 (4,608)	136,010 (3,801)	67,930 (2,666)
Male	1,191,780 (12,621)	13,605 (1,304)	62,765 (3,320)	121,540 (3,941)	151,145 (4,532)	178,590 (5,483)	157,715 (4,950)	189,005 (4,628)	145,140 (4,055)	89,800 (3,084)	58,090 (2,350)	24,385 (1,741)
Female	1,171,740 (12,180)	13,090 (1,319)	57,005 (3,422)	124,330 (3,970)	131,905 (4,121)	162,750 (4,571)	147,030 (4,609)	167,730 (4,141)	142,400 (4,262)	104,035 (3,424)	77,920 (2,987)	43,545 (2,019)
Central American	5,635,650 (28,612)	90,610 (4,097)	408,860 (8,673)	919,440 (12,827)	890,275 (10,888)	984,445 (11,537)	935,880 (11,765)	673,235 (9,286)	431,345 (7,380)	204,240 (4,520)	71,035 (2,753)	26,285 (1,828)
Male	2,894,075 (20,964)	44,005 (2,862)	211,570 (5,922)	472,800 (8,982)	471,785 (8,097)	530,745 (6,883)	505,090 (9,298)	344,800 (6,912)	196,460 (5,253)	84,080 (2,986)	24,955 (1,777)	7,785 (840)
Female	2,741,575 (19,472)	46,605 (2,932)	197,290 (6,336)	446,640 (9,157)	418,490 (7,279)	453,700 (7,597)	430,790 (7,208)	328,435 (6,202)	234,885 (5,184)	120,160 (3,394)	46,080 (2,103)	18,500 (1,623)
South American	3,798,535 (22,263)	44,250 (2,878)	210,605 (5,927)	485,835 (8,339)	498,745 (7,727)	581,950 (8,632)	627,555 (9,370)	560,020 (8,115)	417,960 (7,178)	224,210 (4,915)	113,495 (3,881)	33,910 (2,017)
Male	1,814,175 (15,427)	22,990 (2,161)	109,505 (4,076)	244,815 (5,613)	247,845 (5,266)	290,210 (6,261)	298,135 (6,726)	265,465 (5,661)	190,395 (4,897)	90,630 (3,256)	42,835 (2,287)	11,350 (1,086)
Female	1,984,360 (16,052)	21,260 (1,901)	101,100 (4,302)	241,020 (6,168)	250,900 (5,655)	291,740 (5,943)	329,420 (6,524)	294,555 (5,814)	227,565 (5,248)	133,580 (3,682)	70,660 (3,136)	22,560 (1,700)
Dominican	2,082,855 (16,804)	37,560 (2,402)	144,485 (4,657)	325,670 (7,243)	331,115 (6,764)	338,550 (7,165)	290,135 (6,131)	247,010 (5,011)	196,905 (4,501)	108,255 (3,712)	45,750 (2,529)	17,420 (1,496)
Male	978,230 (11,804)	17,050 (1,726)	76,085 (3,728)	169,715 (5,097)	165,585 (4,736)	165,735 (5,046)	128,620 (4,180)	102,740 (3,527)	84,970 (3,000)	44,780 (2,549)	17,515 (1,611)	5,435 (761)
Female	1,104,625 (11,960)	20,510 (1,670)	68,400 (2,790)	155,955 (5,147)	165,530 (4,829)	172,815 (5,087)	161,515 (4,485)	144,270 (3,559)	111,935 (3,356)	63,475 (2,698)	28,235 (1,949)	11,985 (1,288)
Other and unknown Hispanic	3,104,910 (20,269)	46,590 (2,821)	187,685 (5,001)	510,855 (9,000)	498,795 (7,947)	443,980 (8,391)	379,575 (7,364)	363,750 (6,636)	315,770 (5,556)	212,770 (4,600)	100,890 (2,990)	44,250 (2,020)
Male	1,542,710 (14,586)	25,460 (2,088)	96,300 (3,803)	262,995 (6,394)	256,160 (5,893)	233,240 (6,249)	195,410 (5,394)	174,565 (4,595)	150,835 (3,798)	90,795 (3,050)	41,615 (1,979)	15,335 (1,194)
Female	1,562,200 (14,074)	21,130 (1,897)	91,385 (3,247)	247,860 (6,334)	242,635 (5,332)	210,740 (5,600)	184,165 (5,013)	189,185 (4,788)	164,935 (4,054)	121,975 (3,444)	59,275 (2,241)	28,915 (1,629)

SOURCE: Population estimates are based on unpublished tabulations prepared by the U.S. Census Bureau, American Community Survey, 2018 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, 2018

[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, 2018; see Technical Notes in this report. Standard errors are shown in parentheses below each population estimate]

Marital status and sex	Age group							
	15 and over	15-24	25-34	35-44	45-54	55-64	65-74	75 and over
All races	266,322,275 (139,086)	43,163,460 (42,901)	45,344,670 (60,158)	41,498,450 (63,822)	41,605,235 (50,420)	42,287,360 (57,877)	30,571,310 (46,755)	21,851,790 (41,644)
Never married	89,932,380 (75,677)	40,659,395 (38,600)	24,817,515 (40,060)	10,293,505 (34,266)	6,351,955 (25,428)	4,765,550 (22,407)	2,072,495 (14,404)	971,965 (10,099)
Ever married	176,389,895 (116,696)	2,504,065 (18,722)	20,527,155 (44,879)	31,204,945 (53,843)	35,253,280 (43,539)	37,521,810 (53,364)	28,498,815 (44,481)	20,879,825 (40,401)
Married	132,214,860 (96,577)	2,356,855 (18,178)	18,487,775 (42,050)	26,335,895 (47,678)	27,544,495 (34,520)	27,573,500 (42,802)	19,600,475 (34,658)	10,315,865 (27,027)
Widowed	15,256,075 (36,128)	23,405 (1,770)	92,510 (3,656)	262,285 (6,117)	749,345 (8,689)	2,122,560 (13,138)	3,848,600 (18,563)	8,157,370 (25,663)
Divorced	28,918,960 (54,641)	123,805 (4,115)	1,946,870 (15,252)	4,606,765 (24,259)	6,959,440 (25,070)	7,825,750 (29,036)	5,049,740 (20,804)	2,406,590 (15,594)
All races, male	129,973,530 (96,185)	22,094,425 (29,093)	22,980,925 (42,628)	20,691,045 (45,041)	20,520,285 (35,848)	20,395,960 (40,644)	14,277,425 (30,614)	9,013,465 (26,176)
Never married	48,052,360 (54,190)	21,114,765 (26,373)	13,746,475 (29,599)	5,725,525 (24,744)	3,516,860 (18,691)	2,568,780 (16,412)	1,001,570 (10,070)	378,385 (5,712)
Ever married	81,921,170 (79,467)	979,660 (12,282)	9,234,450 (30,676)	14,965,520 (37,635)	17,003,425 (30,589)	17,827,180 (37,183)	13,275,855 (28,911)	8,635,080 (25,545)
Married	66,128,615 (68,988)	923,835 (11,887)	8,377,450 (28,908)	12,855,260 (34,127)	13,665,115 (24,813)	13,864,445 (31,713)	10,353,455 (24,167)	6,089,055 (20,305)
Widowed	3,427,130 (18,616)	10,970 (1,283)	28,630 (2,223)	75,130 (3,375)	202,470 (4,755)	515,910 (6,973)	873,735 (9,446)	1,720,285 (12,967)
Divorced	12,365,425 (34,772)	44,855 (2,810)	828,370 (10,021)	2,035,130 (15,505)	3,135,840 (17,247)	3,446,825 (18,117)	2,048,665 (12,749)	825,740 (8,494)
All races, female	136,348,745 (100,466)	21,069,035 (31,529)	22,363,745 (42,448)	20,807,405 (45,217)	21,084,950 (35,456)	21,891,400 (41,205)	16,293,885 (35,338)	12,838,325 (32,389)
Never married	41,880,020 (52,825)	19,544,630 (28,186)	11,071,040 (26,994)	4,567,980 (23,705)	2,835,095 (17,240)	2,196,770 (15,256)	1,070,925 (10,299)	593,580 (8,328)
Ever married	94,468,725 (85,457)	1,524,405 (14,130)	11,292,705 (32,758)	16,239,425 (38,506)	18,249,855 (30,983)	19,694,630 (38,277)	15,222,960 (33,804)	12,244,745 (31,300)
Married	66,086,245 (67,585)	1,433,020 (13,752)	10,110,325 (30,537)	13,480,635 (33,295)	13,879,380 (23,999)	13,709,055 (28,745)	9,247,020 (24,841)	4,226,810 (17,838)
Widowed	11,828,945 (30,962)	12,435 (1,219)	63,880 (2,903)	187,155 (5,102)	546,875 (7,273)	1,606,650 (11,135)	2,974,865 (15,980)	6,437,085 (22,147)
Divorced	16,553,535 (42,149)	78,950 (3,005)	1,118,500 (11,498)	2,571,635 (18,657)	3,823,600 (18,195)	4,378,925 (22,691)	3,001,075 (16,440)	1,580,850 (13,078)

SOURCE: Population estimates are based on unpublished tabulations prepared by the U.S. Census Bureau, American Community Survey, 2018 1-Year.

Table I-19. Estimated population and standard errors for ages 25-64, by educational attainment and sex: United States, 2018

[Population estimates are based on the American Community Survey adjusted to postcensal July 1, 2018, resident population control totals for reporting areas; see Technical Notes in this report. Standard errors are shown in parentheses below each population estimate]

Education level and sex	Age group				
	25-64	25-34	35-44	45-54	55-64
Both sexes	170,735,740 (127,513)	45,344,660 (67,965)	41,498,455 (67,053)	41,605,255 (59,725)	42,287,370 (59,809)
Less than high school diploma or GED	18,249,660 (46,439)	3,886,815 (22,143)	4,665,775 (25,546)	4,824,945 (22,217)	4,872,125 (22,806)
High school diploma or GED	43,815,705 (66,671)	10,957,895 (35,176)	9,621,080 (34,549)	10,916,165 (30,888)	12,320,565 (32,557)
Some college or collegiate degree	108,670,375 (98,274)	30,499,950 (53,773)	27,211,600 (51,477)	25,864,145 (46,037)	25,094,680 (44,688)
Male	84,588,235 (90,006)	22,980,930 (47,164)	20,691,050 (47,869)	20,520,295 (41,323)	20,395,960 (43,331)
Less than high school diploma or GED	9,993,345 (34,442)	2,251,290 (17,606)	2,594,560 (18,955)	2,613,180 (16,274)	2,534,315 (15,878)
High school diploma or GED	23,898,300 (48,143)	6,378,980 (24,250)	5,496,870 (24,820)	5,852,610 (22,002)	6,169,840 (25,091)
Some college or collegiate degree	50,696,590 (67,802)	14,350,660 (36,420)	12,599,620 (36,278)	12,054,505 (30,962)	11,691,805 (31,559)
Female	86,147,505 (90,323)	22,363,730 (48,936)	20,807,405 (46,954)	21,084,960 (43,121)	21,891,410 (41,225)
Less than high school diploma or GED	8,256,315 (31,151)	1,635,525 (13,429)	2,071,215 (17,126)	2,211,765 (15,124)	2,337,810 (16,370)
High school diploma or GED	19,917,405 (46,122)	4,578,915 (25,481)	4,124,210 (24,033)	5,063,555 (21,679)	6,150,725 (20,746)
Some college or collegiate degree	57,973,785 (71,139)	16,149,290 (39,561)	14,611,980 (36,521)	13,809,640 (34,070)	13,402,875 (31,640)

NOTE: GED is General Educational Development high school equivalency diploma.

SOURCE: Population estimates are based on unpublished tabulations prepared by the U.S. Census Bureau, American Community Survey, 2018 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 2010–2018

[Beginning in 1970, excludes deaths of nonresidents of the United States. Race and Hispanic-origin categories are consistent with 1977 Office of Management and Budget (OMB) standards. 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		
	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 ⁴																		
Number																		
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 ⁵																		
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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

See footnotes at end of table.

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 2010–2018—Con.

[Beginning in 1970, excludes deaths of nonresidents of the United States. Race and Hispanic-origin categories are consistent with 1977 Office of Management and Budget (OMB) standards. 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		
	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 ⁴																		
Crude death rate ⁶																		
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 race ⁵																		
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	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

See footnotes at end of table.

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 2010–2018—Con.

[Beginning in 1970, excludes deaths of nonresidents of the United States. Race and Hispanic-origin categories are consistent with 1977 Office of Management and Budget (OMB) standards. 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		
	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 ⁴																		
Age-adjusted death rate 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 ⁵																		
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.

¹Includes deaths for origin not stated; see Technical Notes in this report.

²Includes Aleut and Eskimo persons.

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

⁴Only one race was reported on the death certificate; see Technical Notes in this report.

⁵Multiple-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 in this report.

⁶Rates 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 in this report.

⁷Age-adjusted rates are per 100,000 U.S. standard population. For method of computation, see Technical Notes in this report.

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 2000–2018

[Race and Hispanic-origin categories are consistent with 1977 Office of Management and Budget (OMB) standards]

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												
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 ⁶												
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 ⁴⁻⁷	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.³Only one race was reported on the death certificate; see Technical Notes in this report.⁴Life table data for 2001–2018 are based on revised life table methodology; see Technical Notes in this report.⁵Life expectancies by Hispanic origin were revised using updated adjustment factors to correct for race and Hispanic-origin misclassification.⁶Multiple-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 in this report.⁷Life expectancies were revised using updated Medicare data; therefore, data may differ from those previously published; see Technical Notes in this report.

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, 2000–2018

[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. Race and Hispanic-origin categories are consistent with 1977 Office of Management and Budget (OMB) standards]

Year	Total ¹			Non-Hispanic white ²			Non-Hispanic black ²			Hispanic ²		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic, single race ³												
Infant mortality rate												
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 ⁴												
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, 2000–2018—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. Race and Hispanic-origin categories are consistent with 1977 Office of Management and Budget (OMB) standards]

Year	Total ¹			Non-Hispanic white ²			Non-Hispanic black ²			Hispanic ²		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
	Neonatal mortality rate											
Non-Hispanic, single race ³												
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 race ⁴												
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, 2000–2018—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. Race and Hispanic-origin categories are consistent with 1977 Office of Management and Budget (OMB) standards]

Year	Total ¹			Non-Hispanic white ²			Non-Hispanic black ²			Hispanic ²		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Postneonatal mortality rate												
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, single race ³												
Non-Hispanic, bridged race ⁴												
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. Race and Hispanic-origin categories are consistent with 1977 OMB standards.³Only one race was reported on the death certificate; see Technical Notes in this report.⁴Multiple-race data reported according to 1997 OMB standards were bridged to the single-race categories of 1977 OMB standards. For more information on areas reporting multiple race, see Technical Notes in this report.

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, 1999–2018

[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 in this report. 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 in this report. Race and Hispanic-origin categories are consistent with 1977 Office of Management and Budget (OMB) standards. 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		
	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 ⁴	Number																	
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 ⁵																		
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

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, 1999–2018—Con.

[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 in this report. 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 in this report. Race and Hispanic-origin categories are consistent with 1977 Office of Management and Budget (OMB) standards. 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		
	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 ⁴	Crude rate ⁶																	
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 ⁵																		
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, 1999-2018—Con.

[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 in this report. 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 in this report. Race and Hispanic-origin categories are consistent with 1977 Office of Management and Budget (OMB) standards. 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		
	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 ⁴	Age-adjusted rate ⁷																	
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 race ⁵																		
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.

¹Includes deaths for origin not stated; see Technical Notes in this report.

²Includes Aleut and Eskimo persons.

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

⁴Only one race was reported on the death certificate; see Technical Notes in this report.

⁵Multiple-race data were reported by 50 states and the District of Columbia (D.C.) in 2017 and 2018, 49 states and D.C. in 2016, 48 states and D.C. in 2015, 46 states and D.C. in 2014, 42 states and D.C. in 2012 and 2013, 38 states and D.C. in 2011, 37 states and D.C. in 2010, 34 states and D.C. in 2008 and 2009, 27 states and D.C. in 2007, 25 states and D.C. in 2006, 21 states and D.C. in 2005, 15 states in 2004, and 7 states in 2003; see Technical Notes in this report. Multiple-race data for these reporting areas were bridged to the single-race categories of 1977 OMB standards for comparability with other reporting areas; see Technical Notes in this report.

⁶Rates 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 in this report.

⁷Age-adjusted rates are per 100,000 U.S. standard population. For method of computation, see Technical Notes in this report.

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, 1999–2018

[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 in this report. 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 in this report. Race and Hispanic-origin categories are consistent with 1977 Office of Management and Budget (OMB) standards. 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		
	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 ⁴	Number																	
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 ⁵																		
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

See footnotes at end of table.

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, 1999–2018—Con.

[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 in this report. 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 in this report. Race and Hispanic-origin categories are consistent with 1977 Office of Management and Budget (OMB) standards. 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		
	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 ⁴									Rate									
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 ⁵																		
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

See footnotes at end of table.

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, 1999–2018—Con.

[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 in this report. 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 in this report. Race and Hispanic-origin categories are consistent with 1977 Office of Management and Budget (OMB) standards. 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		
	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 ⁴	Age-adjusted rate ⁶																	
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 ⁵																		
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.

¹Includes deaths for origin not stated; see Technical Notes in this report.

²Includes Aleut and Eskimo persons.

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

⁴Only one race was reported on the death certificate; see Technical Notes in this report.

⁵Multiple-race data were reported by 50 states and the District of Columbia (D.C.) in 2017 and 2018, 49 states and D.C. in 2016, 48 states and D.C. in 2015, 46 states and D.C. in 2014, 42 states and D.C. in 2012 and 2013, 38 states and D.C. in 2011, 37 states and D.C. in 2010, 34 states and D.C. in 2008 and 2009, 27 states and D.C. in 2007, 25 states and D.C. in 2006, 21 states and D.C. in 2005, 15 states in 2004, and 7 states in 2003; see Technical Notes in this report. Multiple-race data for these reporting areas were bridged to the single-race categories of 1977 OMB standards for comparability with other reporting areas; see Technical Notes in this report.

⁶For method of computation, see Technical Notes in this report.

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, 1999–2018

[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 in this report. 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 in this report. Race and Hispanic-origin categories are consistent with 1977 Office of Management and Budget (OMB) standards. 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			
	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									
Non-Hispanic, single race ⁴																			
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 ⁵																			
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	

See footnotes at end of table.

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, 1999–2018—Con.

[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 in this report. 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 in this report. Race and Hispanic-origin categories are consistent with 1977 Office of Management and Budget (OMB) standards. 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		
	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 ⁴	Rate																	
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 race ⁵																		
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

See footnotes at end of table.

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, 1999-2018—Con.

[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 in this report. 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 in this report. Race and Hispanic-origin categories are consistent with 1977 Office of Management and Budget (OMB) standards. 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		
	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 ⁴																		
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 race ⁵																		
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.

¹Includes deaths for origin not stated; see Technical Notes in this report.

²Includes Aleut and Eskimo persons.

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

⁴Only one race was reported on the death certificate; see Technical Notes in this report.

⁵Multiple-race data were reported by 50 states and the District of Columbia (D.C.) in 2017 and 2018, 49 states and D.C. in 2016, 48 states and D.C. in 2015, 46 states and D.C. in 2014, 42 states and D.C. in 2012 and 2013, 38 states and D.C. in 2011, 37 states and D.C. in 2010, 34 states and D.C. in 2008 and 2009, 27 states and D.C. in 2007, 25 states and D.C. in 2006, 21 states and D.C. in 2005, 15 states in 2004, and 7 states in 2003; see Technical Notes in this report. Multiple-race data for these reporting areas were bridged to the single-race categories of 1977 OMB standards for comparability with other reporting areas; see Technical Notes in this report.

⁶For method of computation, see Technical Notes in this report.

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, 1999–2018

[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 in this report. 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 in this report. Race and Hispanic-origin categories are consistent with 1977 Office of Management and Budget (OMB) standards. 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			
	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									
Non-Hispanic, single race ⁴																			
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 ⁵																			
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, 1999-2018—Con.

[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 in this report. 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 in this report. Race and Hispanic-origin categories are consistent with 1977 Office of Management and Budget (OMB) standards. 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		
	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 ⁴									Rate									
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 ⁵																		
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

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, 1999–2018—Con.

[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 in this report. 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 in this report. Race and Hispanic-origin categories are consistent with 1977 Office of Management and Budget (OMB) standards. 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		
	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 ⁴	Age-adjusted rate ⁶																	
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 ⁵																		
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.

¹Includes deaths for origin not stated; see Technical Notes in this report.

²Includes Aleut and Eskimo persons.

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

⁴Only one race was reported on the death certificate; see Technical Notes in this report.

⁵Multiple-race data were reported by 50 states and the District of Columbia (D.C.) in 2017 and 2018, 49 states and D.C. in 2016, 48 states and D.C. in 2015, 46 states and D.C. in 2014, 42 states and D.C. in 2012 and 2013, 38 states and D.C. in 2011, 37 states and D.C. in 2010, 34 states and D.C. in 2008 and 2009, 27 states and D.C. in 2007, 25 states and D.C. in 2006, 21 states and D.C. in 2005, 15 states in 2004, and 7 states in 2003; see Technical Notes in this report. Multiple-race data for these reporting areas were bridged to the single-race categories of 1977 OMB standards for comparability with other reporting areas; see Technical Notes in this report.

⁶For method of computation, see Technical Notes in this report.

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, 1997-2018

[Includes ages 15 years and over; excludes figures for age not stated. 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 in this report. 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 in this report. Race categories are consistent with 1977 Office of Management and Budget (OMB) standards. For a discussion of injury at work, see Supplemental Technical Notes in this report]

Year	Total ¹			Non-Hispanic white			Non-Hispanic black			Hispanic		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic, single race ²												
Number												
2018.....	4,560	4,179	381	3,006	2,728	278	520	475	45	827	786	41
Non-Hispanic, bridged race ³												
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 ⁴	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 ⁵	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 race ²												
Rate												
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 race ³												
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 ⁴	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 ⁵	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

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, 1997–2018—Con.

[Includes ages 15 years and over; excludes figures for age not stated. 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 in this report. 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 in this report. Race categories are consistent with 1977 Office of Management and Budget (OMB) standards. For a discussion of injury at work, see Supplemental Technical Notes in this report]

Year	Total ¹			Non-Hispanic white			Non-Hispanic black			Hispanic		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Non-Hispanic, single race ²						Age-adjusted rate ⁶						
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 race ³												
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 ⁴	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 ⁵	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.

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

³Includes multiple-race data for 50 states and the District of Columbia (D.C.) in 2017 and 2018, 49 states and D.C. in 2016, 48 states and D.C. in 2015, 46 states and D.C. in 2014, 42 states and D.C. in 2012 and 2013, 38 states and D.C. in 2011, 37 states and D.C. in 2010, 34 states and D.C. in 2008 and 2009, 27 states and D.C. in 2007, 25 states and D.C. in 2006, 21 states and D.C. in 2005, 15 states in 2004, and 7 states in 2003; see Technical Notes in this report. Multiple-race data for these reporting areas were bridged to the single-race categories of 1977 OMB standards for comparability with other reporting areas; see Technical Notes in this report.

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

⁵Figures 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.

⁶For method of computation, see Technical Notes in this report.

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