

**Table 16 (page 1 of 2). Age-adjusted death rates, by race, Hispanic origin, state, and territory: United States and U.S. dependent areas, average annual 1979–1981, 1989–1991, and 2013–2015**

Excel and PDF versions (with more data years and standard errors when available): <http://www.cdc.gov/nchs/hus/contents2016.htm#016>.

[Data are based on death certificates]

State and territory	All persons		White		Black or African American	American Indian or Alaska Native <sup>1</sup>	Asian or Pacific Islander <sup>1</sup>	Hispanic or Latino <sup>1</sup>	White, not Hispanic or Latino <sup>1</sup>
	1979–1981	1989–1991	2013–2015	2013–2015	2013–2015	2013–2015	2013–2015	2013–2015	2013–2015
	Age-adjusted death rate per 100,000 population <sup>2</sup>								
United States <sup>3</sup>	1,022.8	942.2	729.9	730.5	853.9	594.1	395.9	527.8	747.7
Alabama	1,091.2	1,037.9	919.5	906.1	994.8	326.9	219.6	346.2	914.8
Alaska	1,087.4	944.6	736.2	680.9	657.1	1,169.7	479.3	356.7	690.3
Arizona	951.5	873.5	669.2	663.9	763.4	843.4	376.0	590.1	672.1
Arkansas	1,017.0	996.3	893.1	885.0	992.6	250.2	519.6	303.2	894.6
California	975.5	911.0	619.1	651.4	807.6	380.2	394.5	514.4	686.4
Colorado	941.1	856.1	661.7	667.6	741.6	462.4	389.0	652.5	663.1
Connecticut	961.5	857.5	649.6	655.2	683.2	194.9	311.7	519.8	657.0
Delaware	1,069.7	1,001.9	734.2	733.2	790.5	*	329.3	403.9	739.9
District of Columbia	1,243.1	1,255.3	748.1	463.6	969.7	*	345.4	362.8	458.7
Florida	960.8	870.9	662.7	657.8	741.2	285.2	331.9	507.4	694.7
Georgia	1,094.3	1,037.4	805.4	795.0	869.3	205.7	394.4	316.2	816.0
Hawaii	801.2	752.2	589.2	652.8	532.6	*	568.5	828.2	638.3
Idaho	936.7	856.6	727.4	731.7	413.7	716.4	411.6	486.7	741.0
Illinois	1,063.7	973.8	726.1	712.9	915.0	127.1	370.6	451.2	730.9
Indiana	1,048.3	962.0	829.5	824.6	951.2	192.3	384.2	461.3	833.2
Iowa	919.9	848.2	723.8	722.7	877.9	540.7	447.3	382.9	727.3
Kansas	940.1	867.2	763.8	756.2	936.0	1,127.3	445.5	528.0	763.2
Kentucky	1,088.9	1,024.5	910.3	915.8	914.6	161.2	390.9	319.9	921.2
Louisiana	1,132.6	1,074.6	888.5	844.7	1,019.3	367.4	423.5	393.5	859.9
Maine	1,002.9	918.7	758.9	762.4	464.6	793.4	292.6	243.3	762.2
Maryland	1,063.3	985.2	705.1	692.6	799.8	253.5	338.3	312.2	708.3
Massachusetts	982.6	884.8	670.5	689.5	583.9	289.7	353.1	446.0	684.3
Michigan	1,050.2	966.0	783.5	763.8	961.9	819.5	341.1	623.9	763.8
Minnesota	892.9	825.2	650.6	643.3	736.0	1,066.6	480.1	402.4	645.5
Mississippi	1,108.7	1,071.4	953.6	919.5	1,029.8	740.6	494.2	243.4	929.7
Missouri	1,033.7	952.4	810.6	799.6	956.7	376.2	399.9	417.0	804.9
Montana	1,013.6	890.2	751.9	726.0	*	1,268.9	413.6	511.8	721.6
Nebraska	930.6	867.9	724.1	719.5	892.9	823.8	365.9	450.7	726.7
Nevada	1,077.4	1,017.4	758.5	788.5	815.1	525.1	429.9	462.1	845.3
New Hampshire	982.3	891.7	702.1	711.2	374.2	*	331.4	243.6	715.3
New Jersey	1,047.5	956.0	669.3	677.4	791.2	148.2	317.1	460.0	697.3
New Mexico	967.1	891.9	740.8	736.5	707.7	826.1	339.0	709.4	729.0
New York	1,051.8	973.7	643.2	663.9	654.8	180.0	354.6	492.2	663.4
North Carolina	1,050.4	986.0	781.2	761.8	884.9	759.9	374.2	321.2	774.4
North Dakota	922.4	818.4	699.7	677.8	397.1	1,278.2	504.2	527.9	677.3
Ohio	1,070.6	967.4	816.6	808.3	932.6	249.8	368.1	468.6	811.4
Oklahoma	1,025.6	961.4	904.2	890.9	1,014.5	1,015.8	478.2	522.3	903.6
Oregon	953.9	893.0	715.5	724.5	761.3	674.7	424.7	450.3	734.3
Pennsylvania	1,076.4	963.4	760.0	751.9	908.1	280.3	390.2	563.2	748.5
Rhode Island	990.8	889.6	710.8	726.9	474.7	560.3	402.8	404.2	733.9
South Carolina	1,104.6	1,030.0	835.6	808.2	942.6	351.4	365.6	368.2	818.9
South Dakota	941.9	846.4	701.7	664.1	273.7	1,283.2	375.5	254.1	667.9
Tennessee	1,045.5	1,011.8	882.5	875.4	967.1	229.2	394.1	338.4	882.4
Texas	1,014.9	947.6	747.2	748.5	889.8	150.7	383.6	626.6	787.0
Utah	924.9	823.2	710.7	714.5	600.7	713.0	543.3	538.9	724.0
Vermont	990.2	908.6	706.7	711.1	497.0	*	375.3	329.3	713.2
Virginia	1,054.0	963.1	721.3	714.6	847.4	283.7	364.3	350.1	725.5
Washington	947.7	869.4	679.9	694.1	734.4	856.5	418.6	454.0	702.5
West Virginia	1,100.3	1,031.5	932.0	935.3	981.0	*	276.2	226.6	940.2
Wisconsin	956.4	879.1	716.0	702.9	948.6	958.6	499.8	449.4	706.6
Wyoming	1,016.1	897.4	740.8	742.9	333.2	1,042.5	*	533.9	752.0
American Samoa <sup>4</sup>	---	---	1,042.0	---	---	---	---	---	---
Guam <sup>4</sup>	---	---	793.4	---	---	---	---	---	---
Northern Marianas <sup>4</sup>	---	---	861.3	---	---	---	---	---	---
Puerto Rico <sup>4</sup>	---	---	656.4	---	---	---	---	---	---
Virgin Islands <sup>4</sup>	---	---	†644.0	---	---	---	---	---	---

See footnotes at end of table.

**Table 16 (page 2 of 2). Age-adjusted death rates, by race, Hispanic origin, state, and territory: United States and U.S. dependent areas, average annual 1979–1981, 1989–1991, and 2013–2015**

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[Data are based on death certificates]

- - - Data not available.

<sup>†</sup> Rate shown is for 2010–2012 because death data were not available for the Virgin Islands for 2013 and 2014.

\* Prior to 2009–2011 (shown in spreadsheet file), data for states with populations under 10,000 in the middle year of a 3-year period, or fewer than 50 deaths for the 3-year period, are considered unreliable and are not shown. Starting with 2009–2011 estimates (shown in spreadsheet file), data for states with an average population for the 3-year period of under 10,000, or fewer than 50 deaths for the 3-year period, are considered unreliable and are not shown.

<sup>1</sup> Death rates for Hispanic, American Indian or Alaska Native, and Asian or Pacific Islander persons should be interpreted with caution because of inconsistencies in reporting Hispanic origin or race on the death certificate (death rate numerators) compared with population figures (death rate denominators). The net effect of misclassification is an underestimation of deaths and death rates for races other than white and black. See Appendix II, Race, for a detailed discussion of sources of bias in death rates by race and Hispanic origin.

<sup>2</sup> Age-adjusted average annual death rates are calculated using the year 2000 standard population. Prior to 2001, age-adjusted rates were calculated using standard million proportions based on rounded population numbers. Starting with 2001 data, unrounded population numbers are used to calculate age-adjusted rates. Age-adjusted rates for Puerto Rico, Virgin Islands, Guam, American Samoa, and Northern Marianas were computed by applying the age-specific death rates to the U.S. standard population combining the age groups for age 75 and over. For the territories, age groups were not available for those age 75 and over by age. See Appendix II, Age adjustment. Prior to 2009–2011 (shown in spreadsheet file), denominators for rates are resident population estimates for the middle year of each 3-year period, multiplied by 3. Starting with 2009–2011 estimates (shown in spreadsheet file), denominators for rates are the 3-year average population. See Appendix I, Population Census and Population Estimates.

<sup>3</sup> Excludes data for American Samoa, Guam, Northern Marianas, Puerto Rico, and Virgin Islands.

<sup>4</sup> Comparable population data were not available for all time periods and for all racial and ethnicity groups. Therefore, only selected rates are presented for the territories.

NOTES: The race groups, white, black, American Indian or Alaska Native, and Asian or Pacific Islander, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. United States, state, and territory rates for 2011 and beyond were calculated using 2010-based postcensal population estimates. Starting with 2003 data, some states began to collect information on more than one race on the death certificate, according to 1997 Office of Management and Budget (OMB) standards. The multiple-race data for these states were bridged to the single-race categories of the 1977 OMB standards, for comparability with other states. See Appendix II, Race. Rates are rounded at the end of the calculation process. They may differ from rates based on the same data presented elsewhere if rounding is done earlier in the calculation process. Data for additional years are available. See the Excel spreadsheet on the *Health, United States* website at: <http://www.cdc.gov/nchs/hus.htm>.

SOURCE: NCHS, National Vital Statistics System; numerator data from annual public-use and nonpublic-use Mortality Files; denominator data from state population estimates prepared by the U.S. Census Bureau 1980 from April 1, 1980 MARS Census File; 1990 from April 1, 1990 MARS Census File; 2011 and beyond from 2010-based postcensal bridged-race files. Available from: [http://www.cdc.gov/nchs/nvss/bridged\\_race.htm](http://www.cdc.gov/nchs/nvss/bridged_race.htm). For the territories (except for Puerto Rico) populations are from the U.S. Census Bureau. International data base. 2010. Available from: <http://www.census.gov/population/international/>. For Puerto Rico, populations are from U.S. Census Bureau. Puerto Rico Commonwealth characteristics. See Appendix I, National Vital Statistics System (NVSS).