

Table 23 (page 1 of 2). Age-adjusted death rates, by race, Hispanic origin, and state: United States, average annual 1979–1981, 1989–1991, and 2006–2008

Updated data when available, Excel, and PDF: <http://www.cdc.gov/nchs/hus/contents2011.htm#023>.

[Data are based on death certificates]

State	All persons			White	Black or African American	American Indian or Alaska Native ¹	Asian or Pacific Islander	Hispanic or Latino ²	White, not Hispanic or Latino
	1979–1981	1989–1991	2006–2008	2006–2008	2006–2008	2006–2008	2006–2008	2006–2008	2006–2008
Age-adjusted death rate per 100,000 population ³									
United States	1,022.8	942.2	764.9	754.6	957.9	625.4	418.8	546.7	768.8
Alabama	1,091.2	1,037.9	937.7	904.7	1,076.8	307.6	373.4	299.6	910.0
Alaska	1,087.4	944.6	756.9	730.8	713.0	1,026.2	433.7	498.2	736.4
Arizona	951.5	873.5	685.6	682.3	771.0	789.2	341.2	610.2	689.9
Arkansas	1,017.0	996.3	890.5	868.3	1,089.4	374.0	467.5	305.7	879.0
California	975.5	911.0	678.0	699.3	941.3	410.3	435.1	541.6	732.4
Colorado	941.1	856.1	708.8	714.1	786.3	494.9	373.9	669.0	713.4
Connecticut	961.5	857.5	700.0	696.7	785.2	288.2	304.1	530.5	697.8
Delaware	1,069.7	1,001.9	779.4	763.6	891.9	*	316.8	451.1	763.0
District of Columbia	1,243.1	1,255.3	869.9	554.5	1,096.3	*	392.1	355.1	563.7
Florida	960.8	870.9	691.8	676.4	869.3	257.0	310.0	547.9	701.2
Georgia	1,094.3	1,037.4	843.3	813.0	965.5	248.8	382.1	248.2	829.8
Hawaii	801.2	752.2	608.7	648.7	441.2	*	601.1	896.6	667.7
Idaho	936.7	856.6	734.8	737.2	530.0	707.1	490.4	514.5	741.7
Illinois	1,063.7	973.8	770.6	745.6	1,020.8	255.1	347.7	441.1	760.3
Indiana	1,048.3	962.0	830.9	821.9	1,001.1	151.0	254.2	397.6	825.5
Iowa	919.9	848.2	731.1	729.0	975.5	686.8	328.9	375.0	732.4
Kansas	940.1	867.2	787.5	776.2	1,030.8	1,192.5	416.0	508.2	780.7
Kentucky	1,088.9	1,024.5	904.8	901.6	1,019.5	179.2	416.0	448.7	904.4
Louisiana	1,132.6	1,074.6	926.2	872.9	1,092.0	336.0	413.4	348.9	883.6
Maine	1,002.9	918.7	771.1	771.9	591.0	*	332.9	324.3	770.5
Maryland	1,063.3	985.2	782.4	747.1	932.9	305.0	362.8	320.4	759.6
Massachusetts	982.6	884.8	710.9	717.4	749.0	311.4	359.2	470.6	718.1
Michigan	1,050.2	966.0	810.6	781.3	1,050.6	890.9	345.0	672.4	781.1
Minnesota	892.9	825.2	669.9	661.5	864.6	985.2	502.1	400.8	662.6
Mississippi	1,108.7	1,071.4	951.5	893.6	1,091.5	749.7	403.5	260.9	898.2
Missouri	1,033.7	952.4	840.7	823.9	1,048.1	377.8	351.4	468.5	828.2
Montana	1,013.6	890.2	780.4	761.6	*	1,141.1	*	526.5	756.3
Nebraska	930.6	867.9	740.1	731.7	986.7	978.1	333.0	463.6	735.9
Nevada	1,077.4	1,017.4	818.3	840.2	883.6	630.4	434.0	425.2	892.4
New Hampshire	982.3	891.7	721.3	727.5	495.6	*	254.3	288.3	729.8
New Jersey	1,047.5	956.0	726.0	719.6	904.9	261.2	326.7	458.7	738.8
New Mexico	967.1	891.9	763.0	763.0	669.8	793.6	357.5	729.8	758.8
New York	1,051.8	973.7	687.7	694.3	741.7	253.9	358.5	534.7	696.3
North Carolina	1,050.4	986.0	834.4	801.4	997.4	806.2	343.0	280.1	810.4
North Dakota	922.4	818.4	706.4	685.7	*	1,282.9	*	422.2	673.0
Ohio	1,070.6	967.4	838.6	821.2	1,035.5	238.1	337.7	450.0	823.7
Oklahoma	1,025.6	961.4	923.9	915.8	1,068.8	921.1	455.6	499.0	927.4
Oregon	953.9	893.0	757.5	764.9	780.5	736.9	437.8	402.3	774.0
Pennsylvania	1,076.4	963.4	795.8	778.5	1,025.9	203.6	361.7	489.4	780.5
Rhode Island	990.8	889.6	748.9	752.8	731.0	*	366.0	401.7	758.5
South Carolina	1,104.6	1,030.0	851.1	802.2	1,021.1	415.7	347.5	401.4	805.9
South Dakota	941.9	846.4	713.8	678.4	645.3	1,294.1	*	341.0	680.1
Tennessee	1,045.5	1,011.8	894.0	872.3	1,070.3	272.2	380.2	277.8	878.2
Texas	1,014.9	947.6	779.1	771.5	976.9	207.3	372.4	626.7	812.1
Utah	924.9	823.2	685.8	688.4	688.5	709.2	510.9	513.0	695.6
Vermont	990.2	908.6	724.2	727.8	*	*	*	*	729.2
Virginia	1,054.0	963.1	771.3	748.0	955.4	279.6	387.6	367.4	755.5
Washington	947.7	869.4	722.8	731.0	853.5	885.8	451.7	468.7	738.0
West Virginia	1,100.3	1,031.5	950.6	952.3	1,059.1	*	225.3	232.5	956.6
Wisconsin	956.4	879.1	736.3	721.9	1,034.4	1,000.8	473.4	399.9	725.1
Wyoming	1,016.1	897.4	798.9	793.8	*	1,084.0	*	720.5	793.5

See footnotes at end of table.

Table 23 (page 2 of 2). Age-adjusted death rates, by race, Hispanic origin, and state: United States, average annual 1979–1981, 1989–1991, and 2006–2008

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* Prior to 2006–2008, 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. In 2006–2008, 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.

¹All data for the American Indian or Alaska Native (AIAN) category should be used with caution. Agreement between self-reported race and death certificate proxy reporting was found to be poor for the AIAN population. (Arias E, Schauman WS, Eschbach K, et al. The validity of race and Hispanic origin reporting on death certificates in the United States. National Center for Health Statistics. Vital Health Stat 2(148). 2008.) See [Appendix II, Race](#).

²Caution should also be used when comparing death rates by Hispanic origin and race among states. Estimates of death rates may be affected by several factors, including possible misreporting of race and Hispanic origin on the death certificate, migration patterns between United States and country of origin for persons who were born outside the United States, and possible biases in population estimates. See [Appendix I, National Vital Statistics System \(NVSS\), Mortality File](#), and [Appendix II, Hispanic origin; Race](#).

³Average annual death rates, age-adjusted 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. See [Appendix II, Age adjustment](#). Prior to 2006–2008, denominators for rates are resident population estimates for the middle year of each 3-year period, multiplied by 3. Starting with 2006–2008, denominators for rates are the 3-year average population. See [Appendix I, Population Census and Population Estimates](#).

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. Death rates for the American Indian or Alaska Native, Asian or Pacific Islander, and Hispanic populations are known to be underestimated. See [Appendix II, Race](#), for a discussion of sources of bias in death rates by race and Hispanic origin. Starting with 2003 data, some states allowed the reporting of more than one race on the death certificate. The multiple-race data for these states were bridged to the single-race categories of the 1977 Office of Management and Budget standards, for comparability with other states. See [Appendix II, Race](#).

SOURCE: CDC/NCHS, National Vital Statistics System; numerator data from annual 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; 2006 from bridged-race Vintage 2006 file. Estimates of the July 1, 2006, resident populations of the United States by state and county, race, age, sex, and Hispanic origin, prepared under a collaborative arrangement with the U.S. Census Bureau; 2007 from bridged-race Vintage 2007 file. Estimates of the July 1, 2007, resident populations of the United States by state and county, race, age, sex, and Hispanic origin, prepared under a collaborative arrangement with the U.S. Census Bureau; 2008 from bridged-race Vintage 2008 file. Estimates of the July 1, 2008, prepared under a collaborative arrangement with the U.S. Census Bureau. Available from: http://www.cdc.gov/nchs/nvss/bridged_race.htm. See [Appendix I, National Vital Statistics System \(NVSS\)](#).