

**Table 28 (page 1 of 2). Age-adjusted death rates, according to race, Hispanic origin, geographic division, and State: United States, average annual 1979–81, 1989–91, and 1999–2001**

[Data are based on death certificates]

Geographic division and State	All persons			White	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	Hispanic or Latino <sup>1</sup>	White, not Hispanic or Latino
	1979–81	1989–91	1999–2001	1999–2001	1999–2001	1999–2001	1999–2001	1999–2001	1999–2001
Age-adjusted death rate per 100,000 population <sup>2</sup>									
United States . . . . .	1,022.8	942.2	869.1	849.6	1,122.8	718.0	510.4	672.1	855.0
New England . . . . .	979.9	882.4	810.8	809.8	913.4	*	411.1	574.3	805.3
Connecticut . . . . .	961.5	857.5	783.9	774.0	942.1	*	385.2	607.3	764.8
Maine . . . . .	1,002.9	918.7	858.8	857.7	877.0	*	651.8	*	853.8
Massachusetts . . . . .	982.6	884.8	814.1	816.7	886.0	*	406.8	594.6	815.0
New Hampshire . . . . .	982.3	891.7	814.4	816.0	769.4	*	486.5	407.2	800.5
Rhode Island . . . . .	990.8	889.6	816.2	813.2	1,002.5	*	447.8	450.5	810.2
Vermont . . . . .	990.2	908.6	818.6	821.0	*	*	*	*	822.8
Middle Atlantic . . . . .	1,059.1	967.8	848.7	835.5	1,009.3	*	427.9	638.5	832.9
New Jersey . . . . .	1,047.5	956.0	849.3	828.2	1,101.6	*	393.5	577.2	836.9
New York . . . . .	1,051.8	973.7	818.3	814.6	904.4	*	438.6	648.7	803.6
Pennsylvania . . . . .	1,076.4	963.4	888.6	864.9	1,183.6	*	437.9	749.9	863.7
East North Central . . . . .	1,048.0	957.9	897.3	869.7	1,179.2	*	441.0	588.4	870.1
Illinois . . . . .	1,063.7	973.8	884.7	846.8	1,199.6	*	439.3	580.4	851.1
Indiana . . . . .	1,048.3	962.0	927.2	911.5	1,174.9	*	404.0	648.3	914.5
Michigan . . . . .	1,050.2	966.0	903.3	865.2	1,190.9	*	435.0	685.7	858.1
Ohio . . . . .	1,070.6	967.4	924.3	903.3	1,150.9	*	422.7	554.5	902.5
Wisconsin . . . . .	956.4	879.1	822.4	810.0	1,098.1	*	532.3	404.2	812.9
West North Central . . . . .	951.6	876.6	835.0	819.6	1,162.7	*	485.4	651.3	816.6
Iowa . . . . .	919.9	848.2	795.0	791.6	1,119.2	*	532.6	665.7	791.9
Kansas . . . . .	940.1	867.2	848.4	837.6	1,153.3	*	349.1	601.6	830.8
Minnesota . . . . .	892.9	825.2	766.8	759.3	1,000.1	1,200.7	579.1	631.3	755.4
Missouri . . . . .	1,033.7	952.4	927.5	903.5	1,203.2	*	403.7	799.6	903.5
Nebraska . . . . .	930.6	867.9	808.9	797.8	1,127.5	1,423.4	427.2	596.3	795.1
North Dakota . . . . .	922.4	818.4	779.7	764.8	*	1,386.9	*	*	742.8
South Dakota . . . . .	941.9	846.4	801.2	766.3	*	1,445.9	*	*	767.9
South Atlantic . . . . .	1,033.1	951.3	886.2	842.1	1,135.8	*	412.2	606.6	854.0
Delaware . . . . .	1,069.7	1,001.9	896.4	866.1	1,092.5	*	422.6	745.6	864.5
District of Columbia . . . . .	1,243.1	1,255.3	1,063.3	687.4	1,282.7	*	509.6	201.1	722.1
Florida . . . . .	960.8	870.9	810.1	785.2	1,079.7	*	333.0	644.7	803.9
Georgia . . . . .	1,094.3	1,037.4	974.0	926.9	1,153.0	*	450.0	398.7	932.1
Maryland . . . . .	1,063.3	985.2	904.5	848.6	1,118.8	*	441.2	222.8	859.9
North Carolina . . . . .	1,050.4	986.0	937.6	887.7	1,172.1	975.6	388.3	299.8	891.4
South Carolina . . . . .	1,104.6	1,030.0	968.7	907.6	1,166.7	*	419.0	326.9	910.8
Virginia . . . . .	1,054.0	963.1	885.2	847.4	1,119.2	*	466.7	484.5	849.8
West Virginia . . . . .	1,100.3	1,031.5	1,007.5	1,007.6	1,132.6	*	*	318.1	1,009.9
East South Central . . . . .	1,079.3	1,031.6	1,003.5	967.6	1,208.4	*	436.1	395.0	970.2
Alabama . . . . .	1,091.2	1,037.9	1,005.0	961.7	1,179.8	*	390.1	259.4	966.0
Kentucky . . . . .	1,088.9	1,024.5	999.8	991.4	1,188.1	*	428.0	796.7	991.3
Mississippi . . . . .	1,108.7	1,071.4	1,041.4	974.7	1,209.6	*	511.9	217.6	978.1
Tennessee . . . . .	1,045.5	1,011.8	987.3	951.8	1,257.7	*	441.4	348.1	954.7
West South Central . . . . .	1,036.8	974.9	926.6	901.0	1,183.3	*	467.3	762.5	918.0
Arkansas . . . . .	1,017.0	996.3	968.3	940.4	1,216.1	*	484.3	294.9	946.8
Louisiana . . . . .	1,132.6	1,074.6	1,012.5	940.8	1,222.0	*	507.7	581.2	945.4
Oklahoma . . . . .	1,025.6	961.4	975.9	973.4	1,201.5	*	498.4	731.0	977.0
Texas . . . . .	1,014.9	947.6	890.4	872.7	1,153.8	*	460.2	770.7	890.5
Mountain . . . . .	961.8	878.2	824.5	819.2	1,017.0	943.3	530.1	778.7	816.7
Arizona . . . . .	951.5	873.5	811.1	800.3	1,021.3	1,013.8	461.2	797.4	791.5
Colorado . . . . .	941.1	856.1	800.1	798.9	1,005.0	538.1	526.3	791.0	793.5
Idaho . . . . .	936.7	856.6	814.6	814.0	1,126.6	953.8	489.7	639.5	815.5
Montana . . . . .	1,013.6	890.2	850.0	831.4	*	1,311.7	*	727.9	827.7
Nevada . . . . .	1,077.4	1,017.4	937.2	945.3	1,067.3	749.7	548.0	556.7	974.2
New Mexico . . . . .	967.1	891.9	828.6	823.1	920.4	873.9	610.8	822.6	808.0
Utah . . . . .	924.9	823.2	787.6	787.5	927.3	865.8	632.6	690.5	788.6
Wyoming . . . . .	1,016.1	897.4	867.8	861.8	999.9	1,220.9	*	822.5	860.7

See footnotes at end of table.

**Table 28 (page 2 of 2). Age-adjusted death rates, according to race, Hispanic origin, geographic division, and State: United States, average annual 1979–81, 1989–91, and 1999–2001**

[Data are based on death certificates]

Geographic division and State	All persons			White	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	Hispanic or Latino <sup>1</sup>	White, not Hispanic or Latino
	1979–81	1989–91	1999–2001	1999–2001	1999–2001	1999–2001	1999–2001	1999–2001	1999–2001
Age-adjusted death rate per 100,000 population <sup>2</sup>									
Pacific . . . . .	966.5	900.1	795.8	810.5	1,059.7	*	555.9	647.1	827.3
Alaska . . . . .	1,087.4	944.6	849.9	814.4	899.4	1,117.3	525.8	688.9	816.2
California . . . . .	975.5	911.0	792.8	807.3	1,068.2	*	529.8	647.2	829.8
Hawaii . . . . .	801.2	752.2	678.2	720.0	621.7	*	665.1	1,080.7	708.5
Oregon . . . . .	953.9	893.0	835.5	838.0	1,048.9	*	537.8	537.9	842.6
Washington . . . . .	947.7	869.4	808.7	813.0	1,004.3	995.8	523.8	557.6	816.2

\* Data for States with population 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. Data for American Indian or Alaska Native in States with more than 10 percent misclassification of American Indian or Alaska Native deaths on death certificates or without information on misclassification are also not shown. (Support Services International, Inc. Methodology for adjusting IHS mortality data for miscoding race-ethnicity of American Indians and Alaska Natives on State death certificates. Report submitted to Indian Health Service. 1996.) Division death rates for American Indian or Alaska Native are not shown when any State within the division does not meet reliability criteria.

<sup>1</sup>Caution should 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 U.S. and country of origin for persons who were born outside the U.S., and possible biases in population estimates. See Appendix I, Vital Statistics, Mortality Data and Appendix II, Hispanic origin; Race.

<sup>2</sup>Average annual death rates, age-adjusted using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment. Denominators for rates are resident population estimates for the middle year of each 3-year period, multiplied by 3. The 2000 populations used to compute rates for 1999–2001 are based on Census 2000. Previously rates were based on post-1990 population estimates. 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 and Asian or Pacific Islander 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.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; numerator data from annual mortality files; denominator data from State population estimates prepared by the U.S. Bureau of the Census: 1980 from April 1, 1980 MARS Census File; 1990 from April 1, 1990 MARS Census File; 2000 from National Center for Health Statistics. Estimates of the April 1, 2000, United States resident population by age, sex, race, and Hispanic origin, prepared under a collaborative arrangement with the U.S. Census Bureau. Available at: [www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm](http://www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm). 2003.