

Table 34 (page 1 of 2). Age-adjusted death rates for persons 25–64 years of age for selected causes of death, according to sex and educational attainment: Selected States, 1994–2001

[Data are based on death certificates]

Cause of death ² and year	Both sexes			Male			Female		
	Years of educational attainment ¹			Years of educational attainment ¹			Years of educational attainment ¹		
	Less than 12	12	13 or more	Less than 12	12	13 or more	Less than 12	12	13 or more
Age-adjusted death rate per 100,000 population ³									
All causes									
1994	594.6	506.4	254.8	793.6	707.1	323.5	397.3	342.9	182.1
1995	604.7	512.5	251.9	801.1	713.2	316.8	408.6	348.1	183.5
1996	579.6	492.5	241.8	763.9	669.6	300.7	396.6	344.2	180.3
1997	554.1	473.4	232.7	719.7	634.4	283.4	387.2	337.5	180.2
1998	561.6	465.8	223.9	727.6	627.1	271.9	395.6	330.9	174.3
1999	585.3	474.5	219.1	763.7	636.7	264.2	409.9	337.3	172.6
2000	591.0	484.5	216.7	780.2	641.8	260.8	409.0	347.7	171.9
2001	576.6	480.9	214.6	745.8	631.2	257.3	407.1	348.6	171.5
Chronic and noncommunicable diseases									
1994	440.5	380.7	193.7	561.9	504.4	228.4	325.0	286.8	155.5
1995	445.1	384.0	192.1	563.4	507.3	224.4	332.1	290.0	156.3
1996	432.7	375.3	189.0	550.6	486.9	222.1	321.2	287.7	153.4
1997	419.0	368.8	187.4	527.0	474.1	219.0	316.0	284.6	153.8
1998	425.2	362.9	180.9	534.4	470.2	211.3	321.3	277.9	148.6
1998 comparability-modified ⁴	429.5	366.5	182.7	539.7	474.9	213.4	324.5	280.7	150.1
1999 ⁵	447.0	369.8	177.2	563.0	477.6	205.5	337.2	283.6	147.4
2000	446.2	377.6	175.7	567.2	481.5	202.9	334.3	292.3	147.2
2001	436.5	370.7	171.1	545.1	468.2	195.7	331.7	290.3	145.5
Injuries									
1994	95.8	73.4	31.9	149.4	119.2	45.7	38.9	31.7	17.9
1995	96.6	74.3	31.6	149.4	120.3	45.3	40.0	32.1	17.8
1996	92.3	73.0	32.0	139.8	116.2	45.7	40.6	32.7	18.4
1997	92.7	73.5	31.9	138.8	116.4	45.5	41.1	33.4	18.4
1998	93.9	73.8	31.2	139.4	116.6	44.4	43.8	33.7	18.3
1998 comparability-modified ⁴	95.0	74.7	31.6	141.0	118.0	44.9	44.3	34.1	18.5
1999 ⁵	94.8	75.2	30.6	143.7	118.3	43.2	42.6	34.4	18.1
2000	99.8	76.4	30.3	153.9	118.6	43.1	43.7	35.2	17.9
2001 ⁶	97.4	80.4	33.1	146.0	122.2	47.4	44.8	38.6	19.3
Communicable diseases									
1994	57.5	51.6	28.9	81.5	82.8	49.1	32.5	23.7	8.4
1995	62.1	53.4	27.9	87.3	84.7	46.7	35.8	25.2	8.9
1996	53.7	43.3	20.2	72.5	65.6	32.6	33.8	23.0	8.0
1997	41.6	30.1	12.9	53.1	42.9	18.4	29.3	18.7	7.6
1998	41.5	28.2	11.4	52.8	39.4	15.7	29.6	18.4	7.0
1998 comparability-modified ⁴	35.4	24.1	9.7	45.1	33.6	13.4	25.3	15.7	6.0
1999 ⁵	42.1	28.5	10.8	54.8	39.5	15.1	29.4	18.8	6.6
2000	43.5	29.4	10.3	56.9	40.4	14.3	30.3	19.5	6.4
2001	41.4	28.7	9.9	52.9	39.4	13.6	29.7	19.0	6.3
HIV disease:									
1994	36.2	36.5	21.4	54.7	63.0	39.7	16.8	12.3	2.9
1995	39.7	38.0	20.6	59.0	64.4	37.8	19.0	13.7	3.5
1996	31.9	27.7	13.1	45.4	45.4	23.8	17.2	11.2	2.4
1997	19.4	14.3	5.8	26.3	23.0	10.1	11.8	6.2	1.6
1998	17.3	11.7	4.3	23.4	18.3	7.5	10.6	5.6	1.1
1998 comparability-modified ⁴	19.8	13.4	4.9	26.8	20.9	8.6	12.1	6.4	1.3
1999 ⁵	19.0	13.1	4.6	26.1	20.1	7.9	11.7	6.6	1.4
2000	19.8	13.2	4.1	26.9	19.8	7.1	12.6	7.1	1.2
2001	18.4	12.5	3.8	25.0	18.6	6.4	11.6	6.8	1.2

See footnotes at end of table.

Table 34 (page 2 of 2). Age-adjusted death rates for persons 25–64 years of age for selected causes of death, according to sex and educational attainment: Selected States, 1994–2001

[Data are based on death certificates]

Cause of death ² and year	Both sexes			Male			Female		
	Years of educational attainment ¹			Years of educational attainment ¹			Years of educational attainment ¹		
	Less than 12	12	13 or more	Less than 12	12	13 or more	Less than 12	12	13 or more
	Age-adjusted death rate per 100,000 population ³								
Other communicable diseases:									
1994	21.2	15.1	7.5	26.8	19.7	9.4	15.7	11.4	5.5
1995	22.4	15.5	7.2	28.2	20.3	8.8	16.8	11.5	5.5
1996	21.8	15.7	7.2	27.2	20.2	8.8	16.7	11.9	5.6
1997	22.2	15.9	7.1	26.8	19.9	8.2	17.6	12.5	6.0
1998	24.2	16.5	7.1	29.4	21.1	8.2	19.0	12.8	5.9
1998 comparability-modified ⁴	19.4	13.2	5.7	23.6	16.9	6.6	15.2	10.3	4.7
1999 ⁵	23.1	15.4	6.2	28.8	19.4	7.2	17.6	12.2	5.3
2000	23.7	16.2	6.2	30.0	20.6	7.2	17.7	12.4	5.1
2001	22.9	16.2	6.1	27.9	20.8	7.1	18.1	12.2	5.1

¹Educational attainment for the numerator is based on the death certificate item "highest grade completed." Educational attainment for the denominator is based on answers to the Current Population Survey question "What is the highest level of school completed or highest degree received?" (Kominski R, Adams A. Educational Attainment in the United States: March 1993 and 1992, U.S. Bureau of the Census, Current Population Reports, P20-476, Washington, DC, 1994.)

²Underlying cause of death code numbers are based on the applicable revision of the *International Classification of Diseases (ICD)* for data years shown. See Appendix II, tables IV and V.

³Age-adjusted rates are calculated using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment. Death records that are missing information about decedent's education are not included. Percent with not stated education averages 3–9 percent of the deaths comprising the age-adjusted death rates for causes of death in this table. Age-adjusted death rates for 1994–2000 were calculated using 1990-based postcensal population estimates in the denominator. Rates for 2001 were computed using 2000-based postcensal estimates. See Appendix I, Population Census and Population Estimates.

⁴Calculated by multiplying the 1998 rate by its comparability ratio to adjust for differences between ICD-9 and ICD-10. See Appendix II, Comparability ratio and table VI.

⁵Starting with 1999 data, cause of death is coded according to ICD-10. To estimate change between 1998 and 1999, compare the 1999 rate with the comparability-modified rate for 1998. See Appendix II, Comparability ratio and tables V and VI.

⁶Figures include September 11, 2001 related deaths for which death certificates were filed as of October 24, 2002. See updated Appendix II table V for terrorism-related ICD-10 codes.

NOTES: Based on data from 45–47 States and the District of Columbia. Death rates for age groups 65 years and over are not shown because reporting quality of educational attainment on the death certificate is poorer at older than younger ages. See Appendix II, Education, for information about reporting states and sources of bias in death rates by educational attainment.

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 unpublished population estimates prepared by the Housing and Household Economic Statistics Division, U.S. Bureau of the Census.