

Table 44 (page 1 of 4). Death rates for motor vehicle-related injuries, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
All persons								
Deaths per 100,000 resident population								
All ages, age adjusted ³	24.6	23.1	27.6	22.3	18.5	16.3	15.4	15.3
All ages, crude	23.1	21.3	26.9	23.5	18.8	16.3	15.4	15.4
Under 1 year	8.4	8.1	9.8	7.0	4.9	4.7	4.4	3.6
1–14 years	9.8	8.6	10.5	8.2	6.0	5.3	4.3	4.1
1–4 years	11.5	10.0	11.5	9.2	6.3	5.2	4.2	4.1
5–14 years	8.8	7.9	10.2	7.9	5.9	5.3	4.3	4.1
15–24 years	34.4	38.0	47.2	44.8	34.1	28.9	26.9	26.8
15–19 years	29.6	33.9	43.6	43.0	33.1	28.1	26.0	25.7
20–24 years	38.8	42.9	51.3	46.6	35.0	29.7	28.0	28.0
25–34 years	24.6	24.3	30.9	29.1	23.6	19.2	17.3	17.5
35–44 years	20.3	19.3	24.9	20.9	16.9	15.3	15.3	15.7
45–64 years	25.2	23.0	26.5	18.0	15.7	14.1	14.3	14.0
45–54 years	22.2	21.4	25.5	18.6	15.6	13.8	14.2	14.2
55–64 years	29.0	25.1	27.9	17.4	15.9	14.5	14.4	13.7
65 years and over	43.1	34.7	36.2	22.5	23.1	22.6	21.4	21.3
65–74 years	39.1	31.4	32.8	19.2	18.6	17.5	16.5	16.3
75–84 years	52.7	41.8	43.5	28.1	29.1	28.4	25.7	26.3
85 years and over	45.1	37.9	34.2	27.6	31.2	31.0	30.4	27.8
Male								
All ages, age adjusted ³	38.5	35.4	41.5	33.6	26.5	22.8	21.7	21.8
All ages, crude	35.4	31.8	39.7	35.3	26.7	22.4	21.3	21.5
Under 1 year	9.1	8.6	9.3	7.3	5.0	4.9	4.6	3.2
1–14 years	12.3	10.7	13.0	10.0	7.0	6.1	4.9	4.8
1–4 years	13.0	11.5	12.9	10.2	6.9	5.6	4.7	4.5
5–14 years	11.9	10.4	13.1	9.9	7.0	6.3	5.0	4.9
15–24 years	56.7	61.2	73.2	68.4	49.5	40.5	37.4	38.0
15–19 years	46.3	51.7	64.1	62.6	45.5	36.1	33.9	34.0
20–24 years	66.7	73.2	84.4	74.3	53.3	45.0	41.2	42.1
25–34 years	40.8	40.1	49.4	46.3	35.7	28.1	25.5	26.2
35–44 years	32.5	29.9	37.7	31.7	24.7	21.7	22.0	22.4
45–64 years	37.7	33.3	38.9	26.5	21.9	19.5	20.2	19.9
45–54 years	33.6	31.6	37.2	27.6	22.0	19.3	20.4	20.5
55–64 years	43.1	35.6	40.9	25.4	21.7	19.6	19.8	19.0
65 years and over	66.6	52.1	54.4	33.9	32.1	30.7	29.5	29.5
65–74 years	59.1	45.8	47.3	27.3	24.2	22.2	21.7	21.5
75–84 years	85.0	66.0	68.2	44.3	41.2	39.9	35.6	37.3
85 years and over	78.1	62.7	63.1	56.1	64.5	61.5	57.5	51.1
Female								
All ages, age adjusted ³	11.5	11.7	14.9	11.8	11.0	10.3	9.5	9.3
All ages, crude	10.9	11.0	14.7	12.3	11.3	10.4	9.7	9.5
Under 1 year	7.6	7.5	10.4	6.7	4.9	4.5	4.2	4.0
1–14 years	7.2	6.3	7.9	6.3	4.9	4.4	3.7	3.4
1–4 years	10.0	8.4	10.0	8.1	5.6	4.8	3.8	3.6
5–14 years	5.7	5.4	7.2	5.7	4.7	4.2	3.6	3.3
15–24 years	12.6	15.1	21.6	20.8	17.9	16.8	15.9	15.1
15–19 years	12.9	16.0	22.7	22.8	20.0	19.7	17.5	16.9
20–24 years	12.2	14.0	20.4	18.9	16.0	13.8	14.2	13.4
25–34 years	9.3	9.2	13.0	12.2	11.5	10.2	8.8	8.7
35–44 years	8.5	9.1	12.9	10.4	9.2	9.0	8.8	9.1
45–64 years	12.6	13.1	15.3	10.3	10.1	9.0	8.7	8.4
45–54 years	10.9	11.6	14.5	10.2	9.6	8.4	8.2	8.1
55–64 years	14.9	15.2	16.2	10.5	10.8	9.9	9.5	8.8
65 years and over	21.9	20.3	23.1	15.0	17.2	17.0	15.8	15.5
65–74 years	20.6	19.0	21.6	13.0	14.1	13.7	12.3	12.0
75–84 years	25.2	23.0	27.2	18.5	21.9	21.2	19.2	19.2
85 years and over	22.1	22.0	18.0	15.2	18.3	19.3	19.3	18.0
White male ⁴								
All ages, age adjusted ³	37.9	34.8	40.4	33.8	26.3	22.6	21.8	22.0
All ages, crude	35.1	31.5	39.1	35.9	26.7	22.4	21.6	21.9
Under 1 year	9.1	8.8	9.1	7.0	4.8	4.3	4.2	3.1
1–14 years	12.4	10.6	12.5	9.8	6.6	5.9	4.8	4.6
15–24 years	58.3	62.7	75.2	73.8	52.5	42.4	39.6	40.0
25–34 years	39.1	38.6	47.0	46.6	35.4	27.9	25.1	26.4
35–44 years	30.9	28.4	35.2	30.7	23.7	21.1	21.8	22.4
45–64 years	36.2	31.7	36.5	25.2	20.6	18.7	19.7	19.5
65 years and over	67.1	52.1	54.2	32.7	31.4	30.1	29.4	29.9

See footnotes at end of table.

Table 44 (page 2 of 4). Death rates for motor vehicle-related injuries, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
Black or African American male⁴								
All ages, age adjusted ³	34.8	39.6	51.0	34.2	29.9	26.1	24.4	23.5
All ages, crude	37.2	33.1	44.3	31.1	28.1	24.1	22.5	22.0
Under 1 year	---	*	10.6	7.8	*	8.7	6.7	*
1–14 years ⁵	10.4	11.2	16.3	11.4	8.9	7.5	5.5	6.1
15–24 years	42.5	46.4	58.1	34.9	36.1	33.9	30.2	31.4
25–34 years	54.4	51.0	70.4	44.9	39.5	32.2	32.6	29.9
35–44 years	46.7	43.6	59.5	41.2	33.5	28.7	27.2	26.1
45–64 years	54.6	47.8	61.7	39.5	33.3	26.2	27.1	26.7
65 years and over	52.6	48.2	53.4	42.4	36.3	36.9	32.1	28.1
American Indian or Alaska Native male⁴								
All ages, age adjusted ³	---	---	---	78.9	48.3	40.7	35.8	34.6
All ages, crude	---	---	---	74.6	47.6	40.1	33.6	33.2
1–14 years	---	---	---	15.1	11.6	7.6	7.8	8.4
15–24 years	---	---	---	126.1	75.2	69.0	56.8	55.7
25–34 years	---	---	---	107.0	78.2	67.8	49.8	43.2
35–44 years	---	---	---	82.8	57.0	45.2	36.3	42.3
45–64 years	---	---	---	77.4	45.9	38.8	32.0	30.7
65 years and over	---	---	---	97.0	43.0	*	48.5	40.4
Asian or Pacific Islander male⁴								
All ages, age adjusted ³	---	---	---	19.0	17.9	14.5	10.6	10.4
All ages, crude	---	---	---	17.1	15.8	12.6	9.8	9.7
1–14 years	---	---	---	8.2	6.3	4.5	2.5	2.2
15–24 years	---	---	---	27.2	25.7	18.5	17.0	19.3
25–34 years	---	---	---	18.8	17.0	12.4	10.4	10.0
35–44 years	---	---	---	13.1	12.2	9.9	6.9	7.3
45–64 years	---	---	---	13.7	15.1	14.3	10.1	7.9
65 years and over	---	---	---	37.3	33.6	32.1	21.1	21.8
Hispanic or Latino male^{4,6}								
All ages, age adjusted ³	---	---	---	---	29.5	24.4	21.3	22.2
All ages, crude	---	---	---	---	29.2	22.4	20.1	21.0
1–14 years	---	---	---	---	7.2	5.7	4.4	4.4
15–24 years	---	---	---	---	48.2	37.1	34.7	36.9
25–34 years	---	---	---	---	41.0	28.8	24.9	26.8
35–44 years	---	---	---	---	28.0	23.2	21.6	23.1
45–64 years	---	---	---	---	28.9	23.0	21.7	20.5
65 years and over	---	---	---	---	35.3	37.0	28.9	31.0
White, not Hispanic or Latino male⁶								
All ages, age adjusted ³	---	---	---	---	25.7	22.1	21.7	21.7
All ages, crude	---	---	---	---	26.0	21.9	21.5	21.7
1–14 years	---	---	---	---	6.4	5.8	4.9	4.6
15–24 years	---	---	---	---	52.3	42.7	40.3	40.1
25–34 years	---	---	---	---	34.0	27.1	24.7	25.9
35–44 years	---	---	---	---	23.1	20.3	21.6	21.9
45–64 years	---	---	---	---	19.8	18.1	19.3	19.2
65 years and over	---	---	---	---	31.1	29.4	29.3	29.7
White female⁴								
All ages, age adjusted ³	11.4	11.7	14.9	12.2	11.2	10.4	9.8	9.5
All ages, crude	10.9	11.2	14.8	12.8	11.6	10.7	10.0	9.8
Under 1 year	7.8	7.5	10.2	7.1	4.7	4.5	3.5	3.8
1–14 years	7.2	6.2	7.5	6.2	4.8	4.3	3.7	3.3
15–24 years	12.6	15.6	22.7	23.0	19.5	18.1	17.1	16.0
25–34 years	9.0	9.0	12.7	12.2	11.6	10.2	8.9	8.8
35–44 years	8.1	8.9	12.3	10.6	9.2	8.9	8.9	9.3
45–64 years	12.7	13.1	15.1	10.4	9.9	8.9	8.7	8.4
65 years and over	22.2	20.8	23.7	15.3	17.4	17.5	16.2	16.0

See footnotes at end of table.

Table 44 (page 3 of 4). Death rates for motor vehicle-related injuries, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

<i>Sex, race, Hispanic origin, and age</i>	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
Deaths per 100,000 resident population								
Black or African American female⁴								
All ages, age adjusted ³	9.3	10.4	14.1	8.5	9.6	9.0	8.4	8.5
All ages, crude	10.2	9.7	13.4	8.3	9.4	8.8	8.2	8.2
Under 1 year	---	8.1	11.9	*	7.0	*	*	*
1–14 years ⁵	7.2	6.9	10.2	6.3	5.3	4.9	3.9	3.7
15–24 years	11.6	9.9	13.4	8.0	9.9	10.5	11.7	11.7
25–34 years	10.8	9.8	13.3	10.6	11.1	10.3	9.4	8.9
35–44 years	11.1	11.0	16.1	8.3	9.4	9.7	8.2	9.2
45–64 years	11.8	12.7	16.7	9.2	10.7	9.3	9.0	8.3
65 years and over	14.3	13.2	15.7	9.5	13.5	11.4	10.4	11.8
American Indian or Alaska Native female⁴								
All ages, age adjusted ³	---	---	---	32.0	17.5	18.2	19.5	17.6
All ages, crude	---	---	---	32.0	17.3	18.8	18.6	16.9
1–14 years	---	---	---	15.0	8.1	8.1	6.5	7.6
15–24 years	---	---	---	42.3	31.4	30.4	30.3	30.7
25–34 years	---	---	---	52.5	18.8	33.7	22.3	15.5
35–44 years	---	---	---	38.1	18.2	17.2	22.0	13.1
45–64 years	---	---	---	32.6	17.6	15.7	17.8	18.1
65 years and over	---	---	---	*	*	*	24.0	25.3
Asian or Pacific Islander female⁴								
All ages, age adjusted ³	---	---	---	9.3	10.4	8.6	6.7	6.1
All ages, crude	---	---	---	8.2	9.0	7.7	5.9	5.9
1–14 years	---	---	---	7.4	3.6	3.2	2.3	2.2
15–24 years	---	---	---	7.4	11.4	11.5	6.0	7.6
25–34 years	---	---	---	7.3	7.3	4.8	4.5	4.8
35–44 years	---	---	---	8.6	7.5	5.9	4.9	5.4
45–64 years	---	---	---	8.5	11.8	10.4	6.4	7.0
65 years and over	---	---	---	18.6	24.3	18.9	18.5	11.8
Hispanic or Latino female^{4,6}								
All ages, age adjusted ³	---	---	---	---	9.6	8.8	7.9	7.8
All ages, crude	---	---	---	---	8.9	8.0	7.2	7.2
1–14 years	---	---	---	---	4.8	4.3	3.9	3.3
15–24 years	---	---	---	---	11.6	11.8	10.6	11.2
25–34 years	---	---	---	---	9.4	7.2	6.5	6.5
35–44 years	---	---	---	---	8.0	7.9	7.3	6.9
45–64 years	---	---	---	---	11.4	9.3	8.3	8.4
65 years and over	---	---	---	---	14.9	14.6	13.4	12.9

See footnotes at end of table.

Table 44 (page 4 of 4). Death rates for motor vehicle-related injuries, according to sex, race, Hispanic origin, and age: United States, selected years 1950–2001

[Data are based on death certificates]

Sex, race, Hispanic origin, and age	1950 ¹	1960 ¹	1970	1980	1990	1995	2000 ²	2001
White, not Hispanic or Latino female ⁶	Deaths per 100,000 resident population							
All ages, age adjusted ³	---	---	---	---	11.3	10.5	10.0	9.7
All ages, crude	---	---	---	---	11.7	10.9	10.3	10.1
1–14 years	---	---	---	---	4.7	4.2	3.5	3.2
15–24 years	---	---	---	---	20.4	19.0	18.4	17.0
25–34 years	---	---	---	---	11.7	10.5	9.3	9.3
35–44 years	---	---	---	---	9.3	8.9	9.0	9.6
45–64 years	---	---	---	---	9.7	8.6	8.7	8.3
65 years and over	---	---	---	---	17.5	17.5	16.3	16.1

--- Data not available.

* Rates based on fewer than 20 deaths are considered unreliable and are not shown.

¹Includes deaths of persons who were not residents of the 50 States and the District of Columbia.

²Starting 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.

³Age-adjusted rates are calculated using the year 2000 standard population starting with *Health, United States, 2001*. See Appendix II, Age adjustment.

⁴The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, 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.

⁵In 1950 rate is for the age group under 15 years.

⁶Prior to 1997, excludes data from States lacking an Hispanic-origin item on the death certificate. See Appendix II, Hispanic origin.

NOTES: Population estimates used to compute rates for 1991–2000 differ from those used previously. Starting with *Health, United States, 2003*, rates for 1991–99 were revised using intercensal population estimates based on Census 2000. Rates for 2000 were revised based on Census 2000 counts. Rates for 2001 were computed using 2000-based postcensal estimates. See Appendix I, Population Census and Population Estimates. Underlying 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. Age groups were selected to minimize the presentation of unstable age-specific death rates based on small numbers of deaths and for consistency among comparison groups. For additional injury-related statistics, see www.cdc.gov/ncipc/wisqars, a Web-based interactive database for injury data. Data for additional years are available. See Appendix III.

SOURCES: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System; Grove RD, Hetzel AM. Vital statistics rates in the United States, 1940–1960. Washington: U.S. Government Printing Office. 1968; numerator data from National Vital Statistics System, annual mortality files; denominator data from national population estimates for race groups from table 1 and unpublished Hispanic population estimates for 1985–96 prepared by the Housing and Household Economic Statistics Division, U.S. Bureau of the Census; additional mortality tables are available at www.cdc.gov/nchs/datawh/statab/unpubd/mortabs.htm; Arias E, Anderson RN, Kung HC, Murphy SL, Kochanek KD. Deaths: Final data for 2001. National vital statistics reports. Vol 52 no 3. Hyattsville, Maryland: National Center for Health Statistics. 2003.