

Table 43. Death rates for firearm-related injuries, by sex, race, Hispanic origin, and age: United States, selected years 1970-2007

(Data are based on death certificates)

Sex, race, Hispanic origin, and age	1970 ¹	1980 ¹	1990 ¹	1995 ¹	2000 ²	2005 ²	2006 ²	2007 ²
All persons	Deaths per 100,000 resident population							
All ages, age-adjusted ³	14.3	14.8	14.6	13.4	10.2	10.2	10.2	10.2
All ages, crude.....	13.1	14.9	14.9	13.5	10.2	10.4	10.3	10.4
Under 1 year.....	*	*	*	*	*	*	*	*
1-14 years.....	1.6	1.4	1.5	1.6	0.7	0.7	0.7	0.7
1-4 years.....	1.0	0.7	0.6	0.6	0.3	0.4	0.3	0.4
5-14 years.....	1.7	1.6	1.9	1.9	0.9	0.8	0.9	0.8
15-24 years.....	15.5	20.6	25.8	26.7	16.8	16.2	16.9	16.2
15-19 years.....	11.4	14.7	23.3	24.1	12.9	12.5	13.2	12.4
20-24 years.....	20.3	26.4	28.1	29.2	20.9	20.0	20.6	20.1
25-44 years.....	20.9	22.5	19.3	16.9	13.1	13.6	13.3	13.6
25-34 years.....	22.2	24.3	21.8	19.6	14.5	15.7	15.3	15.5
35-44 years.....	19.6	20.0	16.3	14.3	11.9	11.6	11.5	11.9
45-64 years.....	17.6	15.2	13.6	11.7	10.0	10.6	10.6	10.7
45-54 years.....	18.1	16.4	13.9	12.0	10.5	11.2	11.2	11.1
55-64 years.....	17.0	13.9	13.3	11.3	9.4	9.8	9.8	10.2
65 years and over.....	13.8	13.5	16.0	14.1	12.2	11.8	11.2	11.3
65-74 years.....	14.5	13.8	14.4	12.8	10.6	10.3	10.0	10.0
75-84 years.....	13.4	13.4	19.4	16.3	13.9	13.7	12.9	13.2
85 years and over.....	10.2	11.6	14.7	14.4	14.2	12.0	11.5	11.6
Male								
All ages, age-adjusted ³	24.8	25.9	26.1	23.8	18.1	18.3	18.1	18.2
All ages, crude.....	22.2	25.7	26.2	23.6	17.8	18.3	18.1	18.2
Under 1 year.....	*	*	*	*	*	*	*	*
1-14 years.....	2.3	2.0	2.2	2.3	1.1	1.0	1.0	1.0
1-4 years.....	1.2	0.9	0.7	0.8	0.4	0.5	0.5	0.5
5-14 years.....	2.7	2.5	2.9	2.9	1.4	1.2	1.2	1.2
15-24 years.....	26.4	34.8	44.7	46.5	29.4	28.7	29.8	28.5
15-19 years.....	19.2	24.5	40.1	41.6	22.4	22.0	23.3	21.8
20-24 years.....	35.1	45.2	49.1	51.5	37.0	35.3	36.2	35.3
25-44 years.....	34.1	38.1	32.6	28.4	22.0	23.1	22.6	23.2
25-34 years.....	36.5	41.4	37.0	33.2	24.9	27.2	26.6	27.0
35-44 years.....	31.6	33.2	27.4	23.6	19.4	19.2	18.9	19.5
45-64 years.....	31.0	25.9	23.4	20.0	17.1	18.3	17.9	18.3
45-54 years.....	30.7	27.3	23.2	20.1	17.6	18.9	18.5	18.6
55-64 years.....	31.3	24.5	23.7	19.8	16.3	17.4	17.0	17.9
65 years and over.....	29.7	29.7	35.3	30.7	26.4	25.1	24.1	24.2
65-74 years.....	29.5	27.8	28.2	25.1	20.3	19.7	19.2	19.1
75-84 years.....	31.0	33.0	46.9	37.8	32.2	30.8	29.1	29.5

85 years and over.....	26.2	34.9	49.3	47.1	44.7	35.4	33.6	33.5
Female								
All ages, age-adjusted ³	4.8	4.7	4.2	3.8	2.8	2.7	2.7	2.7
All ages, crude.....	4.4	4.7	4.3	3.8	2.8	2.7	2.8	2.7
Under 1 year.....	*	*	*	*	*	*	*	*
1-14 years.....	0.8	0.7	0.8	0.8	0.3	0.4	0.4	0.4
1-4 years.....	0.9	0.5	0.5	0.5	*	0.3	*	0.4
5-14 years.....	0.8	0.7	1.0	0.9	0.4	0.4	0.4	0.4
15-24 years.....	4.8	6.1	6.0	5.9	3.5	3.0	3.2	3.2
15-19 years.....	3.5	4.6	5.7	5.6	2.9	2.4	2.5	2.6
20-24 years.....	6.4	7.7	6.3	6.1	4.2	3.6	3.8	3.9
25-44 years.....	8.3	7.4	6.1	5.5	4.2	3.9	3.9	3.9
25-34 years.....	8.4	7.5	6.7	5.8	4.0	3.8	3.7	3.6
35-44 years.....	8.2	7.2	5.4	5.2	4.4	4.0	4.1	4.2
45-64 years.....	5.4	5.4	4.5	3.9	3.4	3.3	3.6	3.4
45-54 years.....	6.4	6.2	4.9	4.2	3.6	3.7	4.0	3.7
55-64 years.....	4.2	4.6	4.0	3.5	3.0	2.8	3.2	3.0
65 years and over.....	2.4	2.5	3.1	2.8	2.2	2.1	1.9	2.0
65-74 years.....	2.8	3.1	3.6	3.0	2.5	2.5	2.2	2.3
75-84 years.....	1.7	1.7	2.9	2.8	2.0	2.1	1.8	2.0
85 years and over.....	*	1.3	1.3	1.8	1.7	1.3	1.1	1.1
White male ⁴								
All ages, age-adjusted ³	19.7	22.1	22.0	20.1	15.9	15.7	15.3	15.6
All ages, crude.....	17.6	21.8	21.8	19.9	15.6	15.8	15.4	15.8
1-14 years.....	1.8	1.9	1.9	1.9	1.0	0.8	0.8	0.7
15-24 years.....	16.9	28.4	29.5	30.8	19.6	18.2	18.4	17.5
25-44 years.....	24.2	29.5	25.7	23.2	18.0	17.9	17.3	18.3
25-34 years.....	24.3	31.1	27.8	25.2	18.1	18.6	17.7	18.9
35-44 years.....	24.1	27.1	23.3	21.2	17.9	17.2	17.0	17.6
45-64 years.....	27.4	23.3	22.8	19.5	17.4	19.0	18.4	19.0
65 years and over.....	29.9	30.1	36.8	32.2	28.2	27.1	26.0	26.2
Black or African American male ⁴								
All ages, age-adjusted ³	70.8	60.1	56.3	49.2	34.2	36.4	37.4	36.2
All ages, crude.....	60.8	57.7	61.9	52.9	36.1	38.7	40.0	38.9
1-14 years.....	5.3	3.0	4.4	4.4	1.8	2.1	2.2	2.2
15-24 years.....	97.3	77.9	138.0	138.7	89.3	86.8	91.8	89.1
25-44 years.....	126.2	114.1	90.3	70.2	54.1	63.6	63.8	62.3
25-34 years.....	145.6	128.4	108.6	92.3	74.8	88.4	89.0	84.8
35-44 years.....	104.2	92.3	66.1	46.3	34.3	38.7	38.1	38.9
45-64 years.....	71.1	55.6	34.5	28.3	18.4	17.8	19.3	19.0
65 years and over.....	30.6	29.7	23.9	21.8	13.8	13.6	13.4	11.1

American Indian or
Alaska Native male⁴

All ages, age-adjusted ³	---	24.0	19.4	19.4	13.1	15.7	14.7	12.4
All ages, crude.....	---	27.5	20.5	20.9	13.2	16.7	15.8	13.2
15-24 years.....	---	55.3	49.1	40.9	26.9	32.7	32.7	25.1
25-44 years.....	---	43.9	25.4	31.2	16.6	23.2	21.2	16.3
45-64 years.....	---	*	*	14.2	12.2	13.0	11.0	11.7
65 years and over.....	---	*	*	*	*	*	*	*

Asian or
Pacific Islander male⁴

All ages, age-adjusted ³	---	7.8	8.8	9.2	6.0	5.3	5.4	5.2
All ages, crude.....	---	8.2	9.4	10.0	6.2	5.5	5.7	5.3
15-24 years.....	---	10.8	21.0	24.3	9.3	12.1	14.5	11.4
25-44 years.....	---	12.8	10.9	10.6	8.1	6.4	5.7	5.9
45-64 years.....	---	10.4	8.1	8.2	7.4	5.7	5.6	5.7
65 years and over.....	---	*	*	*	*	*	*	4.4

Hispanic or Latino male^{4,5}

All ages, age-adjusted ³	---	---	27.6	23.8	13.6	13.3	12.7	12.9
All ages, crude.....	---	---	29.9	26.2	14.2	14.2	13.7	13.4
1-14 years.....	---	---	2.6	2.8	1.0	0.7	1.1	0.8
15-24 years.....	---	---	55.5	61.7	30.8	33.0	33.6	31.4
25-44 years.....	---	---	42.7	31.4	17.3	18.8	17.4	17.2
25-34 years.....	---	---	47.3	36.4	20.3	22.9	20.9	21.1
35-44 years.....	---	---	35.4	24.2	13.2	13.4	12.9	12.4
45-64 years.....	---	---	21.4	17.2	12.0	9.1	8.5	9.6
65 years and over.....	---	---	19.1	16.5	12.2	9.8	7.6	10.7

White, not Hispanic
or Latino male⁵

All ages, age-adjusted ³	---	---	20.6	18.6	15.5	15.3	15.0	15.4
All ages, crude.....	---	---	20.4	18.5	15.7	15.9	15.6	16.1
1-14 years.....	---	---	1.6	1.6	1.0	0.8	0.7	0.7
15-24 years.....	---	---	24.1	23.5	16.2	13.9	13.9	13.4
25-44 years.....	---	---	23.3	21.4	17.9	17.4	17.1	18.3
25-34 years.....	---	---	24.7	22.5	17.2	16.9	16.3	18.0
35-44 years.....	---	---	21.6	20.4	18.4	17.8	17.8	18.6
45-64 years.....	---	---	22.7	19.5	17.8	20.0	19.5	20.1
65 years and over.....	---	---	37.4	32.5	29.0	28.2	27.3	27.4

White female⁴

All ages, age-adjusted ³	4.0	4.2	3.8	3.5	2.7	2.6	2.6	2.6
All ages, crude.....	3.7	4.1	3.8	3.5	2.7	2.6	2.6	2.7
15-24 years.....	3.4	5.1	4.8	4.5	2.8	2.3	2.3	2.6
25-44 years.....	6.9	6.2	5.3	4.9	3.9	3.7	3.5	3.7
45-64 years.....	5.0	5.1	4.5	4.0	3.5	3.6	3.9	3.7
65 years and over.....	2.2	2.5	3.1	2.8	2.4	2.3	2.0	2.1

Black or African American female⁴

All ages, age-adjusted ³	11.1	8.7	7.3	6.2	3.9	3.6	4.0	3.8
All ages, crude.....	10.0	8.8	7.8	6.5	4.0	3.7	4.1	3.9
15-24 years.....	15.2	12.3	13.3	13.2	7.6	6.7	7.7	7.1
25-44 years.....	19.4	16.1	12.4	9.8	6.5	6.0	7.0	6.4
45-64 years.....	10.2	8.2	4.8	4.1	3.1	2.7	2.6	2.8
65 years and over.....	4.3	3.1	3.1	2.6	1.3	1.3	1.0	1.2

American Indian or
Alaska Native female⁴

All ages, age-adjusted ³	---	5.8	3.3	3.8	2.9	2.4	2.4	2.0
All ages, crude.....	---	5.8	3.4	4.1	2.9	2.6	2.4	2.0
15-24 years.....	---	*	*	*	*	*	*	*
25-44 years.....	---	10.2	*	7.0	5.5	*	*	*
45-64 years.....	---	*	*	*	*	*	*	*
65 years and over.....	---	*	*	*	*	*	*	*

Asian or
Pacific Islander female⁴

All ages, age-adjusted ³	---	2.0	1.9	2.0	1.1	0.9	1.0	0.7
All ages, crude.....	---	2.1	2.1	2.1	1.2	0.9	1.0	0.7
15-24 years.....	---	*	*	3.9	*	2.3	*	*
25-44 years.....	---	3.2	2.7	2.7	1.5	1.0	1.2	1.0
45-64 years.....	---	*	*	*	*	*	1.3	*
65 years and over.....	---	*	*	*	*	*	*	*

Hispanic or Latina female^{4,5}

All ages, age-adjusted ³	---	---	3.3	3.1	1.8	1.6	1.5	1.5
All ages, crude.....	---	---	3.6	3.3	1.8	1.6	1.5	1.5
15-24 years.....	---	---	6.9	6.1	2.9	2.6	2.7	2.9
25-44 years.....	---	---	5.1	4.7	2.5	2.7	2.3	2.3

45-64 years.....	---	---	2.4	2.4	2.2	1.2	1.4	1.5
65 years and over.....	---	---	*	*	*	*	*	*
White, not Hispanic or Latina female ⁵								
All ages, age-adjusted ³	---	---	3.7	3.4	2.8	2.7	2.7	2.8
All ages, crude.....	---	---	3.7	3.5	2.9	2.8	2.8	2.9
15-24 years.....	---	---	4.3	4.1	2.7	2.2	2.2	2.5
25-44 years.....	---	---	5.1	4.8	4.2	4.0	3.8	4.1
45-64 years.....	---	---	4.6	4.1	3.6	3.8	4.2	3.9
65 years and over.....	---	---	3.2	2.8	2.4	2.4	2.2	2.2

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

---Data not available.

¹Underlying cause of death was coded according to the 8th Revision of the *International Classification of Diseases (ICD)* in 1970 and 9th Revision in 1980-1998. See Appendix II, Cause of death; Tables IV and V.

²Starting with 1999 data, cause of death is coded according to ICD-10. See Appendix II, Cause of death, Table V; Comparability ratio, Table VI.

³Age-adjusted rates are calculated using the year 2000 standard population.

Prior to 2003, age-adjusted rates were calculated using standard million proportions based on rounded population numbers. Starting with 2003 data, unrounded population numbers are used to calculate age-adjusted rates. 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.

⁵Prior to 1997, excludes data from states lacking an Hispanic-origin item on the death certificate. See Appendix II, Hispanic origin.

NOTES: Starting with *Health, United States, 2003*, rates for 1991-1999 were revised using intercensal population estimates based on the 2000 census. Rates for 2000 were revised based on 2000 census counts.

Rates for 2001 and later years were computed using 2000-based postcensal estimates. See Appendix I, Population Census and Population Estimates.

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 Web-based Injury Statistics Query and Reporting System, available from: <http://www.cdc.gov/injury/wisqars/index.html>.

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.

Data for additional years are available. See Appendix III.

SOURCE: CDC/NCHS,

National Vital Statistics System;
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 1985-1996 prepared by the Housing and Household Economic
Statistics Division, U.S. Census Bureau;
additional mortality tables are available from:
http://www.cdc.gov/nchs/nvss/mortality_tables.htm;
Xu JQ, Kochanek KD, Murphy SL, Tejada-Vera B. Deaths: Final data for 2007. National vital statistics reports;
vol 58 no 19. Hyattsville, MD: NCHS; 2010. Available from: http://www.cdc.gov/nchs/data/nvsr/nvsr58/nvsr58_19.pdf.

Health, United States 2009 Web Update