

MASSACHUSETTS VIOLENT DEATH REPORTING SYSTEM

SUICIDE 2022

	MALE ¹			FEMALE ¹			TOTAL		
	Count	Percent ⁴	Rate per 100,000	Count	Percent ⁴	Rate per 100,000	Count	Percent ⁴	Rate per 100,000
AGE GROUP									
0-14	2	0.4	--	0	0.0	0.0	2	0.3	--
15-24	58	12.0	12.2	18	12.6	3.8	76	12.1	8.0
25-34	75	15.5	14.7	22	15.4	4.4	97	15.5	9.6
35-44	79	16.4	18.5	18	12.6	4.1	97	15.5	11.2
45-54	71	14.7	16.0	32	22.4	6.8	103	16.5	11.2
55-64	109	22.6	23.4	31	21.7	6.2	140	22.4	14.5
65-74	39	8.1	12.2	15	10.5	4.0	54	8.6	7.8
75-84	32	6.6	21.8	6	4.2	3.0	38	6.1	11.0
85+	18	3.7	32.5	1	0.7	--	19	3.0	11.6
Total	483	100.0	14.2	143	100.0	4.0	626	100.0	8.9
RACE/ETHNICITY²									
White, non-Hispanic	390	80.7	16.7	117	81.8	4.7	507	81.0	10.5
Black, non-Hispanic	28	5.8	12.1	7	4.9	2.9	35	5.6	7.3
Asian, non-Hispanic	12	2.5	4.9	7	4.9	2.6	19	3.0	3.7
Hispanic	46	9.5	10.5	8	5.6	1.8	54	8.6	6.1
Other race/ethnicity	3	0.6	--	4	2.8	--	7	1.1	--
Unspecified race	4	0.8	--	0	0.0	--	4	0.6	--
Total	483	100.0	14.2	143	100.0	4.0	626	100.0	8.9
CIRCUMSTANCES³									
Current mental health problem	299	61.9	--	121	84.6	--	420	67.1	--
Current treatment for mental health/substance use problem	229	47.4	--	98	68.5	--	327	52.2	--
Alcohol/Substance use problem	179	37.1	--	45	31.5	--	224	35.8	--
Left suicide note	149	30.8	--	67	46.9	--	216	34.5	--
History of suicide attempts	88	18.2	--	47	32.9	--	135	21.6	--
Intimate partner problem	111	23.0	--	23	16.1	--	134	21.4	--
Physical health problem	57	11.8	--	24	16.8	--	81	12.9	--
Job/Financial problem	57	11.8	--	13	9.1	--	70	11.2	--
METHOD									
Firearm	135	28.0	4.0	11	7.7	0.3	146	23.3	2.1
Hanging	203	42.0	6.0	50	35.0	1.4	253	40.4	3.6
Poisoning	73	15.1	2.1	67	46.9	1.9	140	22.4	2.0
Sharp	23	4.8	0.7	1	0.7	--	24	3.8	0.3
Fall	24	5.0	0.7	5	3.5	--	29	4.6	0.4
Other method	25	5.2	0.7	9	6.3	0.3	34	5.4	0.5
Total	483	100.0	14.2	143	100.0	4.0	626	100.0	8.9
TOTAL	483	100.0	14.2	143	100.0	4.0	626	100.0	8.9

Source: Massachusetts Violent Death Reporting System, Injury Surveillance Program, Massachusetts Department of Public Health

MASSACHUSETTS VIOLENT DEATH REPORTING SYSTEM

SUICIDE 2022 *(continued)*

	MALE ¹			FEMALE ¹			TOTAL		
	Count	Percent ⁴	Rate per 100,000	Count	Percent ⁴	Rate per 100,000	Count	Percent ⁴	Rate per 100,000
COUNTY OF INJURY									
Barnstable	30	6.4	27.4	10	7.2	8.4	40	6.5	17.5
Berkshire	21	4.4	33.7	7	5.0	10.5	28	4.6	21.7
Bristol	53	11.2	18.9	16	11.5	5.4	69	11.3	11.9
Dukes	4	0.8	--	1	0.7	--	5	0.8	--
Essex	43	9.1	11.0	10	7.2	2.4	53	8.7	6.5
Franklin	9	1.9	26.0	3	2.2	--	12	2.0	16.9
Hampden	33	7.0	14.7	4	2.9	--	37	6.1	7.9
Hampshire	21	4.4	27.8	2	1.4	--	23	3.8	14.2
Middlesex	80	16.9	10.0	35	25.2	4.2	115	18.8	7.1
Nantucket	2	0.4	--	0	0.0	0.0	2	0.3	--
Norfolk	42	8.9	12.0	9	6.5	2.4	51	8.3	7.0
Plymouth	40	8.5	15.5	14	10.1	5.1	54	8.8	10.2
Suffolk	44	9.3	11.4	14	10.1	3.4	58	9.5	7.3
Worcester	50	10.6	11.8	14	10.1	3.2	64	10.5	7.4
Total Known MA Injury County	472	100.0	14.2	139	100.0	4.0	611	100.0	8.9
Out of State Injury/Unknown Injury	11	--	--	4	--	--	15	--	--
MARITAL STATUS (Ages 15+)									
Married	165	34.3	11.5	40	28.0	2.9	205	32.9	7.2
Never Married	221	45.9	19.7	56	39.2	5.3	277	44.4	12.7
Widowed	27	5.6	40.7	10	7.0	4.2	37	5.9	12.1
Divorced	65	13.5	28.7	36	25.2	11.1	101	16.2	18.3
Unknown	3	0.6	--	1	0.7	--	4	0.6	--
Total	481	100.0	16.9	143	100.0	4.0	624	100.0	10.6
EDUCATION LEVEL (Ages 25+)									
8th grade or less	13	3.1	12.9	4	3.2	--	17	3.1	8.1
9-12th grade, high school diploma, or GED	217	51.3	31.0	37	29.6	5.7	254	46.4	18.8
Some college, Associate or Bachelor's degree	140	33.1	12.8	58	46.4	4.7	198	36.1	8.5
Master's, Doctorate, or Professional degree	45	10.6	9.5	23	18.4	4.2	68	12.4	6.6
Unknown	8	1.9	--	3	2.4	--	11	2.0	--
Total	423	100.0	17.8	125	100.0	4.9	548	100.0	11.1
TOTAL	483	100.0	14.2	143	100.0	4.0	626	100.0	8.9

Source: Massachusetts Violent Death Reporting System, Injury Surveillance Program, Massachusetts Department of Public Health

¹Sex is collected on the death certificate as male, female, unknown. There were no victims with "unknown" sex in the examined time period.

²Other race/ethnicity includes persons who have more than one race.

³Multiple circumstances may be selected for each decedent. Counts less than 6 and any complementary cells may be suppressed for confidentiality purposes.

Rates are not calculated due to undefined denominators.

⁴Percentages may not add to 100 due to rounding.

• Data were extracted and compiled by the Injury Surveillance Program, BCHAP, MDPH, August 2024

• Analysis is based on a calendar year (Jan. 1 - Dec. 31, 2022) and analyzed by ICD-10 code (X60-X84, Y87.0, U03)

• Data is for occurrent deaths only. Massachusetts residents who died out-of-state are excluded from this analysis.

• Rates are crude rates and were not calculated on counts of less than six. Rates that are based on counts less than twenty may be unstable.

• Population data used to calculate rates are based on 2020 population estimates (2022 population estimates are not yet ready)

generated by the UMass Donahue Institute and the U.S. Census Bureau American Community Survey 2018-2022 five year estimates.

• For additional information and technical notes, please refer to the annual report, "Violent Deaths in Massachusetts: Surveillance Update," which can be found at

www.mass.gov/lists/general-injury-data

