

# MASSACHUSETTS VIOLENT DEATH REPORTING SYSTEM

## SUICIDE 2021

	MALE <sup>1</sup>			FEMALE <sup>1</sup>			TOTAL		
	Count	Percent	Rate per 100,000	Count	Percent	Rate per 100,000	Count	Percent	Rate per 100,000
<b>AGE GROUP</b>									
0-14	4	0.9	--	2	1.4	--	6	1.0	0.5
15-24	53	11.7	11.2	18	12.6	3.8	71	11.9	7.5
25-34	88	19.4	17.2	20	14.0	4.0	108	18.1	10.6
35-44	75	16.6	17.5	14	9.8	3.2	89	14.9	10.3
45-54	60	13.2	13.5	26	18.2	5.5	86	14.4	9.4
55-64	82	18.1	17.6	28	19.6	5.6	110	18.5	11.4
65-74	52	11.5	16.2	21	14.7	5.6	73	12.2	10.6
75-84	22	4.9	15.0	10	7.0	5.0	32	5.4	9.3
85+	17	3.8	30.7	4	2.8	--	21	3.5	12.8
<b>Total</b>	<b>453</b>	<b>100.0</b>	<b>13.3</b>	<b>143</b>	<b>100.0</b>	<b>4.0</b>	<b>596</b>	<b>100.0</b>	<b>8.5</b>
<b>RACE/ETHNICITY</b>									
White, non-Hispanic	376	83.0	16.1	116	81.1	4.7	492	82.6	10.2
Black, non-Hispanic	25	5.5	10.8	3	2.1	--	28	4.7	5.9
Asian, non-Hispanic	17	3.8	7.0	11	7.7	4.1	28	4.7	5.5
Hispanic	33	7.3	7.5	9	6.3	2.0	42	7.0	4.8
Other/unknown race/ethnicity	2	0.4	--	4	2.8	--	6	1.0	--
<b>Total</b>	<b>453</b>	<b>100.0</b>	<b>13.3</b>	<b>143</b>	<b>100.0</b>	<b>4.0</b>	<b>596</b>	<b>100.0</b>	<b>8.5</b>
<b>CIRCUMSTANCES<sup>1</sup></b>									
Current mental health problem	271	59.8	--	113	79.0	--	384	64.4	--
Current treatment for mental health/substance use problem	204	45.0	--	93	65.0	--	297	49.8	--
Alcohol/Substance use problem	161	35.5	--	34	23.8	--	195	32.7	--
Left suicide note	128	28.3	--	52	36.4	--	180	30.2	--
History of suicide attempts	79	17.4	--	50	35.0	--	129	21.6	--
Intimate partner problem	79	17.4	--	22	15.4	--	101	16.9	--
Job/Financial problem	44	9.7	--	14	9.8	--	58	9.7	--
Physical health problem	48	10.6	--	20	14.0	--	68	11.4	--
<b>METHOD</b>									
Firearm	124	27.4	3.6	9	6.3	0.2	133	22.3	1.9
Hanging	206	45.5	6.0	62	43.4	1.7	268	45.0	3.8
Poisoning	54	11.9	1.6	55	38.5	1.5	109	18.3	1.6
Sharp	20	4.4	0.6	6	4.2	0.2	26	4.4	0.4
Fall	25	5.5	0.7	5	3.5	--	30	5.0	0.4
Other method	24	5.3	0.7	6	4.2	0.2	30	5.0	0.4
<b>Total</b>	<b>453</b>	<b>100.0</b>	<b>13.3</b>	<b>143</b>	<b>100.0</b>	<b>4.0</b>	<b>596</b>	<b>100.0</b>	<b>8.5</b>
<b>TOTAL</b>	<b>453</b>	<b>100.0</b>	<b>13.3</b>	<b>143</b>	<b>100.0</b>	<b>4.0</b>	<b>596</b>	<b>100.0</b>	<b>8.5</b>

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

# MASSACHUSETTS VIOLENT DEATH REPORTING SYSTEM

## SUICIDE 2021 *(continued)*

	MALE <sup>1</sup>			FEMALE <sup>1</sup>			TOTAL		
	Count	Percent	Rate per 100,000	Count	Percent	Rate per 100,000	Count	Percent	Rate per 100,000
<b>COUNTY OF INJURY</b>									
Barnstable	24	5.4	22.0	4	2.9	--	28	4.8	12.2
Berkshire	11	2.5	17.6	7	5.0	10.5	18	3.1	14.0
Bristol	47	10.6	16.8	13	9.4	5.7	60	10.3	10.4
Dukes	1	0.2	--	1	0.7	--	2	0.3	--
Essex	51	11.5	13.1	19	13.7	4.5	70	12.0	8.6
Franklin	6	1.3	17.3	1	0.7	--	7	1.2	9.9
Hampden	33	7.4	14.7	9	6.5	3.7	42	7.2	9.0
Hampshire	16	3.6	21.2	5	3.6	--	21	3.6	12.9
Middlesex	84	18.9	10.5	27	19.4	3.2	111	19.0	6.8
Nantucket	0	0.0	0.0	2	1.4	--	2	0.3	--
Norfolk	40	9.0	11.5	9	6.5	2.4	49	8.4	6.7
Plymouth	31	7.0	12.0	12	8.6	4.4	43	7.4	8.1
Suffolk	49	11.0	12.7	9	6.5	2.2	58	9.9	7.3
Worcester	52	11.7	12.2	21	15.1	4.8	73	12.5	8.5
<b>Total Known MA Injury County</b>	<b>445</b>	<b>100.0</b>	<b>13.0</b>	<b>139</b>	<b>100.0</b>	<b>3.8</b>	<b>584</b>	<b>100.0</b>	<b>8.3</b>
Out of State Injury/Unknown Injury	8	--	--	4	--	--	12	--	--
<b>MARITAL STATUS (Ages 15+)</b>									
Married	123	27.4	8.6	42	29.8	3.0	165	28.0	5.8
Never Married	238	53.0	21.4	54	38.3	5.1	292	49.5	13.5
Widowed	23	5.1	35.1	7	5.0	2.9	30	5.1	9.9
Divorced	64	14.3	28.2	36	25.5	11.1	100	16.9	18.1
Unknown	1	0.2	--	2	1.4	--	3	0.5	--
<b>Total</b>	<b>449</b>	<b>100.0</b>	<b>15.9</b>	<b>141</b>	<b>100.0</b>	<b>4.7</b>	<b>590</b>	<b>100.0</b>	<b>10.1</b>
<b>EDUCATION LEVEL (Ages 25+)</b>									
8th grade or less	5	1.3	--	3	2.4	--	8	1.5	3.6
9-12th grade, high school diploma, or GED	211	53.3	30.0	49	39.8	7.7	260	50.1	19.4
Some college, Associate or Bachelor's degree	136	34.3	12.6	50	40.7	4.0	186	35.8	8.0
Master's, Doctorate, or Professional degree	39	9.8	8.1	18	14.6	3.2	57	11.0	5.4
Unknown	5	1.3	--	3	2.4	--	8	1.5	--
<b>Total</b>	<b>396</b>	<b>100.0</b>	<b>16.7</b>	<b>123</b>	<b>100.0</b>	<b>4.8</b>	<b>519</b>	<b>100.0</b>	<b>10.5</b>
<b>TOTAL</b>	<b>453</b>	<b>100.0</b>	<b>13.3</b>	<b>143</b>	<b>100.0</b>	<b>4.0</b>	<b>596</b>	<b>100.0</b>	<b>8.5</b>

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

- Data were extracted and compiled by the Injury Surveillance Program, BCHAP, MDPH, August 2023
- Analysis is based on a calendar year (Jan. 1 - Dec. 31, 2021) and analyzed by ICD-10 code.
- 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 (2021 population estimates are not yet released) generated by the UMass Donahue Institute and the U.S. Census Bureau American Community Survey 2017-2021 five year estimates.
- <sup>1</sup> Sex is collected on the death certificate as male, female, unknown. There were no "unknown" violent deaths in the examined time period.
- <sup>2</sup> Multiple 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.

