

MASSACHUSETTS VIOLENT DEATH REPORTING SYSTEM SUICIDE 2019

	MALE			FEMALE			TOTAL		
	Count	Percent	Rate per 100,000	Count	Percent	Rate per 100,000	Count	Percent	Rate per 100,000
AGE GROUP									
0-14	2	0.4	--	1	0.6	--	3	0.5	--
15-24	50	10.3	10.7	18	11.6	3.8	68	10.6	7.3
25-34	84	17.2	16.8	17	11.0	3.4	101	15.7	10.2
35-44	70	14.4	16.8	27	17.4	6.3	97	15.1	11.4
45-54	81	16.6	18.7	36	23.2	7.8	117	18.2	13.1
55-64	113	23.2	24.9	40	25.8	8.2	153	23.8	16.2
65-74	54	11.1	17.3	11	7.1	3.0	65	10.1	9.7
75-84	24	4.9	16.8	3	1.9	--	27	4.2	8.0
85+	9	1.8	16.7	2	1.3	--	11	1.7	6.9
Total	487	100.0	14.6	155	100.0	4.4	642	100.0	9.3
RACE/ETHNICITY									
White, non-Hispanic	414	85.0	17.2	129	83.2	5.0	543	84.6	10.9
Black, non-Hispanic	25	5.1	9.5	3	1.9	--	28	4.4	5.2
Asian, non-Hispanic	11	2.3	4.5	13	8.4	4.9	24	3.7	4.7
Hispanic	36	7.4	8.5	10	6.5	2.3	46	7.2	5.4
Other/unknown race/ethnicity	1	0.2	--	0	0.0	0.0	1	0.2	--
Total	487	100.0	14.6	155	100.0	4.4	642	100.0	9.3
CIRCUMSTANCES¹									
Current mental health problem	303	62.2	--	134	86.5	--	437	68.1	--
Current treatment for mental health/substance use problem	215	44.1	--	108	69.7	--	323	50.3	--
Alcohol/Substance use problem	151	31.0	--	47	30.3	--	198	30.8	--
Left suicide note	151	31.0	--	70	45.2	--	221	34.4	--
History of suicide attempts	71	14.6	--	51	32.9	--	122	19.0	--
Intimate partner problem	105	21.6	--	30	19.4	--	135	21.0	--
Job/Financial problem	79	16.2	--	17	11.0	--	96	15.0	--
Physical health problem	74	15.2	--	24	15.5	--	98	15.3	--
METHOD									
Firearm	125	25.7	3.7	11	7.1	0.3	136	21.2	2.0
Hanging	245	50.3	7.3	64	41.3	1.8	309	48.1	4.5
Poisoning	52	10.7	1.6	61	39.4	1.7	113	17.6	1.6
Sharp	21	4.3	0.6	2	1.3	--	23	3.6	0.3
Fall	19	3.9	0.6	8	5.2	0.2	27	4.2	0.4
Other method	25	5.1	0.7	9	5.8	0.3	34	5.3	0.5
Total	487	100.0	14.6	155	100.0	4.4	642	100.0	9.3
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Source: Massachusetts Violent Death Reporting System, Injury Surveillance Program, Massachusetts Department of Public Health

MASSACHUSETTS VIOLENT DEATH REPORTING SYSTEM

SUICIDE 2019 *(continued)*

	MALE			FEMALE			TOTAL		
	Count	Percent	Rate per 100,000	Count	Percent	Rate per 100,000	Count	Percent	Rate per 100,000
COUNTY OF INJURY									
Barnstable	13	2.7	12.8	8	5.3	7.2	21	3.3	9.9
Berkshire	14	2.9	23.2	8	5.3	12.4	22	3.5	17.6
Bristol	37	7.7	13.5	19	12.5	6.5	56	8.9	9.9
Dukes	1	0.2	--	1	0.7	--	2	0.3	--
Essex	60	12.5	15.8	13	8.6	3.2	73	11.6	9.3
Franklin	14	2.9	41.0	1	0.7	--	15	2.4	21.4
Hampden	39	8.1	17.3	8	5.3	3.3	47	7.4	10.1
Hampshire	11	2.3	14.7	8	5.3	9.3	19	3.0	11.8
Middlesex	93	19.4	11.8	27	17.8	3.3	120	19.0	7.4
Nantucket	2	0.4	--	0	0.0	0.0	2	0.3	--
Norfolk	37	7.7	10.9	12	7.9	3.3	49	7.8	6.9
Plymouth	40	8.4	15.8	15	9.9	5.6	55	8.7	10.6
Suffolk	48	10.0	12.4	13	8.6	3.1	61	9.7	7.6
Worcester	70	14.6	17.1	19	12.5	4.5	89	14.1	10.7
Total Known MA Injury County	479	100.0	14.3	152	100.0	4.3	631	100.0	9.2
Out of State Injury/Unknown Injury	8	--	--	3	--	--	11	--	--
MARITAL STATUS (Ages 15+)									
Married	159	32.8	11.6	40	26.0	2.9	199	31.1	7.2
Never Married	223	46.0	20.5	68	44.2	6.7	291	45.5	13.8
Widowed	23	4.7	34.2	9	5.8	3.6	32	5.0	10.2
Divorced	78	16.1	35.5	37	24.0	11.5	115	18.0	21.2
Unknown	2	0.4	--	0	0.0	0.0	2	0.3	--
Total	485	100.0	17.6	154	100.0	5.2	639	100.0	11.2
EDUCATION LEVEL (Ages 25+)									
8th grade or less	9	2.1	9.1	2	1.5	--	11	1.9	5.3
9-12th grade, high school diploma, or GED	224	51.5	31.9	44	32.4	6.5	268	46.9	19.4
Some college, Associate or Bachelor's degree	154	35.4	14.8	71	52.2	5.9	225	39.4	10.0
Master's, Doctorate, or Professional degree	44	10.1	10.1	19	14.0	3.8	63	11.0	6.7
Unknown	4	0.9	--	0	0.0	0.0	4	0.7	--
Total	435	100.0	19.1	136	100.0	5.4	571	100.0	11.9
TOTAL	487	100.0	14.6	155	100.0	4.4	642	100.0	9.3

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

¹ Multiple circumstances may be selected for each decedent.

- Data were extracted and compiled by the Injury Surveillance Program, BCHAP, MDPH, August 2021
- Analysis is based on a calendar year (Jan. 1 - Dec. 31, 2019) 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 2019 population estimates generated by the National Center for Health Statistics in collaboration with the US Census Bureau (http://www.cdc.gov/nchs/nvss/bridged_race.htm) and the U.S. Census Bureau American Community Survey 2015-2019 five year estimates.
- For additional information and technical notes, please refer to the annual report, "Violent Deaths in Massachusetts":

