

MASSACHUSETTS VIOLENT DEATH REPORTING SYSTEM SUICIDE 2017

	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	6	1.1	1.0	0	0.0	0.0	6	0.9	0.5
15-24	68	12.7	14.3	17	11.1	3.6	85	12.4	8.9
25-34	99	18.5	20.2	26	17.0	5.3	125	18.2	12.8
35-44	79	14.8	19.4	32	20.9	7.6	111	16.1	13.4
45-54	106	19.8	23.2	27	17.6	5.6	133	19.3	14.1
55-64	91	17.0	20.4	34	22.2	7.0	125	18.2	13.4
65-74	42	7.9	14.3	12	7.8	3.5	54	7.8	8.5
75-84	25	4.7	19.0	3	2.0	--	28	4.1	9.0
85+	19	3.6	35.8	2	1.3	--	21	3.1	13.1
Total	535	100.0	16.1	153	100.0	4.3	688	100.0	10.0
RACE/ETHNICITY									
White, non-Hispanic	446	83.4	18.4	131	85.6	5.1	577	83.9	11.5
Black, non-Hispanic	21	3.9	8.2	4	2.6	--	25	3.6	4.7
Asian, non-Hispanic	19	3.6	8.1	7	4.6	2.7	26	3.8	5.3
Hispanic	48	9.0	11.8	11	7.2	2.7	59	8.6	7.2
Other/unknown race/ethnicity	1	0.2	--	0	0.0	0.0	1	0.1	--
Total	535	100.0	16.1	153	100.0	4.3	688	100.0	10.0
CIRCUMSTANCES*									
Current mental health problem	273	51.0	--	118	77.1	--	391	56.8	--
Current treatment for mental health/substance abuse problem	183	34.2	--	97	63.4	--	280	40.7	--
Alcohol/Substance abuse problem	165	30.8	--	43	28.1	--	208	30.2	--
Left suicide note	149	27.9	--	59	38.6	--	208	30.2	--
History of suicide attempts	67	12.5	--	40	26.1	--	107	15.6	--
Intimate partner problem	115	21.5	--	27	17.6	--	142	20.6	--
Job/Financial problem	70	13.1	--	16	10.5	--	86	12.5	--
Physical health problem	88	16.4	--	23	15.0	--	111	16.1	--
METHOD									
Firearm	146	27.3	4.4	14	9.2	0.4	160	23.3	2.3
Hanging	269	50.3	8.1	79	51.6	2.2	348	50.6	5.1
Poisoning	64	12.0	1.9	44	28.8	1.2	108	15.7	1.6
Sharp	13	2.4	0.4	4	2.6	--	17	2.5	0.2
Fall	17	3.2	0.5	3	2.0	--	20	2.9	0.3
Other method	26	4.9	0.8	9	5.9	0.3	35	5.1	0.5
Total	535	100.0	16.1	153	100.0	4.3	688	100.0	10.0
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Source: Massachusetts Violent Death Reporting System, Injury Surveillance Program, Massachusetts Department of Public Health

MASSACHUSETTS VIOLENT DEATH REPORTING SYSTEM

SUICIDE 2017 *(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	25	4.8	24.5	9	6.0	8.1	34	5.0	15.9
Berkshire	18	3.4	29.4	4	2.6	--	22	3.2	17.4
Bristol	56	10.6	20.6	14	9.3	4.8	70	10.3	12.5
Dukes	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Essex	67	12.7	17.7	18	11.9	4.4	85	12.6	10.8
Franklin	5	1.0	--	2	1.3	--	7	1.0	9.9
Hampden	45	8.6	19.9	12	7.9	5.0	57	8.4	12.2
Hampshire	11	2.1	14.6	3	2.0	--	14	2.1	8.7
Middlesex	121	23.0	15.4	36	23.8	4.4	157	23.2	9.8
Nantucket	5	1.0	--	2	1.3	--	7	1.0	62.1
Norfolk	36	6.8	10.7	12	7.9	3.3	48	7.1	6.8
Plymouth	36	6.8	14.4	9	6.0	3.4	45	6.6	8.7
Suffolk	36	6.8	9.3	12	7.9	2.9	48	7.1	6.0
Worcester	65	12.4	16.0	18	11.9	4.3	83	12.3	10.0
Total Known MA Injury County	526	100.0	15.8	151	100.0	4.3	677	100.0	9.9
Out of State Injury/Unknown Injury	9	--	--	2	--	--	11	--	--

MARITAL STATUS (Ages 15+)

Married	142	26.8	10.4	48	31.4	3.5	190	27.9	6.9
Never Married	255	48.2	23.8	57	37.3	5.7	312	45.7	15.1
Widowed	20	3.8	30.3	8	5.2	3.2	28	4.1	8.9
Divorced	102	19.3	47.8	40	26.1	12.5	142	20.8	26.7
Unknown	10	1.9	--	0	0.0	0.0	10	1.5	--
Total	529	100.0	19.5	153	100.0	5.2	682	100.0	12.1

EDUCATION LEVEL (Ages 25+)

0-8	15	3.3	14.6	2	1.5	--	17	2.8	7.8
9-12	253	54.9	35.8	63	46.3	9.0	316	52.9	22.5
13-16	147	31.9	14.5	61	44.9	5.1	208	34.8	9.4
17+	37	8.0	9.0	10	7.4	2.1	47	7.9	5.3
Unknown	9	2.0	--	0	0.0	--	9	1.5	--
Total	461	100.0	20.6	136	100.0	5.5	597	100.0	12.7

TOTAL	535	100.0	16.1	153	100.0	4.3	688	100.0	10.0
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Source: Massachusetts Violent Death Reporting System, Injury Surveillance Program, Massachusetts Department of Public Health

- Multiple circumstances may be selected for each decedent.
- Data were extracted and compiled by the Injury Surveillance Program, BCHAP, MDPH, September 2019
- Analysis is based on a calendar year (Jan. 1 - Dec. 31, 2017) 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 five. Rates that are based on counts less than twenty may be unstable.
- Population data used to calculate rates are based on 2017 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 2017 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

