

MASSACHUSETTS VIOLENT DEATH REPORTING SYSTEM

SUICIDE 2015

	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	3	0.6	--	2	1.2	--	5	0.8	--
15-24	59	12.6	12.3	17	10.4	3.6	76	12.0	8.0
25-34	83	17.7	17.7	25	15.3	5.3	108	17.1	11.5
35-44	67	14.3	16.5	22	13.5	5.2	89	14.1	10.7
45-54	109	23.3	23.0	47	28.8	9.4	156	24.7	16.0
55-64	82	17.5	18.9	31	19.0	6.6	113	17.9	12.5
65-74	36	7.7	13.2	11	6.7	3.5	47	7.4	8.0
75-84	19	4.1	15.2	7	4.3	4.0	26	4.1	8.7
85+	10	2.1	19.4	1	0.6	--	11	1.7	7.0
Total	468	100.0	14.2	163	100.0	4.7	631	100.0	9.3
RACE/ETHNICITY									
White, non-Hispanic	406	86.8	16.6	146	89.6	5.6	552	87.5	10.9
Black, non-Hispanic	23	4.9	9.4	9	5.5	3.5	32	5.1	6.4
Asian	13	2.8	6.0	5	3.1	--	18	2.9	4.0
Hispanic	24	5.1	6.4	2	1.2	--	26	4.1	3.4
Other/unknown race/ethnicity	2	0.4	--	1	0.6	--	3	0.5	--
Total	468	100.0	14.2	163	100.0	4.7	631	100.0	9.3
CIRCUMSTANCES									
Current mental health problem	223	47.6	--	123	75.5	--	346	54.8	--
Current treatment for mental health/substance abuse problem	156	33.3	--	89	54.6	--	245	38.8	--
Alcohol/Substance abuse problem	141	30.1	--	31	19.0	--	172	27.3	--
Left suicide note	130	27.8	--	60	36.8	--	190	30.1	--
History of suicide attempts	58	12.4	--	51	31.3	--	109	17.3	--
Intimate partner problem	94	20.1	--	31	19.0	--	125	19.8	--
Job/Financial problem	70	15.0	--	10	6.1	--	80	12.7	--
Physical health problem	80	17.1	--	34	20.9	--	114	18.1	--
Total Suicides	468	--	14.2	163	--	4.7	631	--	9.3
METHOD									
Firearm	103	22.0	3.1	11	6.7	0.3	114	18.1	1.7
Hanging	247	52.8	7.6	76	46.6	2.2	323	51.2	4.8
Poisoning	59	12.6	1.8	56	34.4	1.6	115	18.2	1.7
Sharp	18	3.8	0.6	5	3.1	0.1	23	3.6	0.3
Fall	17	3.6	0.5	4	2.5	0.1	21	3.3	0.3
Other method	24	5.1	0.7	11	6.7	0.3	35	5.5	0.5
Total	468	100.0	14.3	163	100.0	4.7	631	100.0	9.4
TOTAL	468	100.0	14.2	163	100.0	4.7	631	100.0	9.3



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SUICIDE 2015 (continued)

COUNTY OF INJURY	MALE			FEMALE			TOTAL		
	Count	Percent	Rate per 100,000	Count	Percent	Rate per 100,000	Count	Percent	Rate per 100,000
Barnstable	26	5.6	25.4	9	5.7	8.0	35	5.6	16.3
Berkshire	11	2.4	17.9	6	3.8	9.1	17	2.7	13.3
Bristol	46	10.0	17.0	23	14.5	8.0	69	11.1	12.4
Dukes	2	0.4	--	1	0.6	--	3	0.5	--
Essex	49	10.6	13.1	11	6.9	2.7	60	9.7	7.7
Franklin	6	1.3	17.4	4	2.5	--	10	1.6	14.2
Hampden	34	7.4	15.0	6	3.8	2.5	40	6.5	8.5
Hampshire	18	3.9	24.0	6	3.8	7.0	24	3.9	14.9
Middlesex	88	19.1	11.4	37	23.3	4.6	125	20.2	7.9
Nantucket	1	0.2	--	0	0.0	0.0	1	0.2	--
Norfolk	38	8.2	11.4	9	5.7	2.5	47	7.6	6.8
Plymouth	31	6.7	12.5	13	8.2	5.0	44	7.1	8.6
Suffolk	35	7.6	9.3	16	10.1	4.0	51	8.2	6.6
Worcester	76	16.5	18.8	18	11.3	4.3	94	15.2	11.5
Total Known MA County	461	100.0	14.0	159	100.0	4.6	620	100.0	9.1
Out of State/Unknown	7	--	--	4	--	--	11	--	--
MARITAL STATUS (Ages 15+)									
Married	136	29.2	10.1	47	29.2	3.5	183	29.2	6.8
Never Married	237	51.0	22.8	65	40.4	6.7	302	48.2	15.0
Widowed	23	4.9	34.5	9	5.6	3.6	32	5.1	10.0
Divorced	67	14.4	31.6	40	24.8	12.5	107	17.1	20.1
Unknown	2	0.4	--	0	0.0	--	2	0.3	--
Total	465	100.0	17.4	161	100.0	5.6	626	100.0	11.3
EDUCATION LEVEL (Ages 25+)									
Less than 8th Grade	12	3.0	11.6	1	0.7	--	13	2.4	5.9
9-12th Grade	33	8.1	25.8	8	5.6	6.5	41	7.5	16.3
High School or GED	194	47.8	33.5	50	34.7	8.5	244	44.4	20.9
Some College	35	8.6	10.0	18	12.5	4.5	53	9.6	7.1
Associate Degree	37	9.1	26.4	13	9.0	6.0	50	9.1	14.0
Bachelor's Degree	58	14.3	11.5	31	21.5	5.7	89	16.2	8.5
Master's Degree	26	6.4	10.5	15	10.4	4.6	41	7.5	7.2
Doctorate/Professional Degree	8	2.0	5.8	8	5.6	7.5	16	2.9	6.5
Unknown	3	0.7	--	0	0.0	--	3	0.5	--
Total	406	100.0	18.6	144	100.0	5.9	550	100.0	11.9
TOTAL	468	100.0	14.2	163	100.0	4.7	631	100.0	9.3

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 2017
- Analysis is based on a calendar year (Jan. 1 - Dec. 31, 2015) 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 2015 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 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/dph/isp

