

MASSACHUSETTS VIOLENT DEATH REPORTING SYSTEM SUICIDE 2016

	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	4	0.8	--	3	2.0	--	7	1.1	0.6
15-24	65	13.2	13.6	21	14.3	4.4	86	13.5	9.0
25-34	85	17.3	17.8	20	13.6	4.2	105	16.5	11.0
35-44	78	15.9	19.3	23	15.6	5.5	101	15.8	12.2
45-54	98	20.0	21.0	29	19.7	5.9	127	19.9	13.2
55-64	87	17.7	19.7	35	23.8	7.3	122	19.1	13.3
65-74	49	10.0	17.3	11	7.5	3.3	60	9.4	9.8
75-84	15	3.1	11.7	3	2.0	--	18	2.8	5.9
85+	10	2.0	19.2	2	1.4	--	12	1.9	7.6
Total	491	100.0	14.9	147	100.0	4.2	638	100.0	9.4
RACE/ETHNICITY									
White, non-Hispanic	421	85.7	17.3	125	85.0	4.8	546	85.6	10.8
Black, non-Hispanic	27	5.5	10.8	4	2.7	--	31	4.9	6.0
Asian, non-Hispanic	14	2.9	6.2	10	6.8	4.1	24	3.8	5.1
Hispanic	26	5.3	6.7	7	4.8	1.8	33	5.2	4.2
Other/unknown race/ethnicity	3	0.6	--	1	0.7	--	4	0.6	--
Total	491	100.0	14.9	147	100.0	4.2	638	100.0	9.4
CIRCUMSTANCES*									
Current mental health problem	228	46.4	--	103	70.1	--	331	51.9	--
Current treatment for mental health/substance use problem	154	31.4	--	82	55.8	--	236	37.0	--
Alcohol/Substance use problem	158	32.2	--	39	26.5	--	197	30.9	--
Left suicide note	131	26.7	--	46	31.3	--	177	27.7	--
History of suicide attempts	71	14.5	--	47	32.0	--	118	18.5	--
Intimate partner problem	122	24.8	--	24	16.3	--	146	22.9	--
Job/Financial problem	76	15.5	--	11	7.5	--	87	13.6	--
Physical health problem	79	16.1	--	32	21.8	--	111	17.4	--
METHOD									
Firearm	131	26.7	4.0	9	6.1	0.3	140	21.9	2.1
Hanging	234	47.7	7.1	64	43.5	1.8	298	46.7	4.4
Poisoning	60	12.2	1.8	56	38.1	1.6	116	18.2	1.7
Sharp	21	4.3	0.6	5	3.4	--	26	4.1	0.4
Fall	15	3.1	0.5	8	5.4	0.2	23	3.6	0.3
Other method	30	6.1	0.9	5	3.4	--	35	5.5	0.5
Total	491	100.0	14.9	147	100.0	4.2	638	100.0	9.4
TOTAL	491	100.0	14.9	147	100	4.2	638	100	9.4

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

MASSACHUSETTS VIOLENT DEATH REPORTING SYSTEM

SUICIDE 2016 *(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	18	3.7	17.6	5	3.4	--	23	3.6	10.7
Berkshire	13	2.6	21.2	2	1.4	--	15	2.4	11.8
Bristol	54	11.0	20.0	11	7.5	3.8	65	10.2	11.6
Dukes	3	0.6	--	1	0.7	--	4	0.6	--
Essex	54	11.0	14.4	16	10.9	4.0	70	11.0	9.0
Franklin	8	1.6	23.3	0	0.0	0.0	8	1.3	11.4
Hampden	28	5.7	12.4	8	5.4	3.3	36	5.6	7.7
Hampshire	15	3.1	19.9	4	2.7	--	19	3.0	11.7
Middlesex	102	20.8	13.1	45	30.6	5.5	147	23.0	9.2
Nantucket	1	0.2	--	0	0.0	0.0	1	0.2	--
Norfolk	45	9.2	13.5	16	10.9	4.4	61	9.6	8.7
Plymouth	35	7.1	14.0	10	6.8	3.8	45	7.1	8.8
Suffolk	45	9.2	11.9	14	9.5	3.5	59	9.2	7.5
Worcester	62	12.6	15.3	12	8.2	2.9	74	11.6	9.0
Total Known MA County	483	98.4	14.6	144	98.0	4.1	627	98.3	9.2
Out of State/Unknown	8	100.0	--	3	100.0	--	11	100.0	--
MARITAL STATUS (Ages 15+)									
Married	158	32.4	11.7	42	29.2	3.1	200	31.7	7.4
Never Married	230	47.2	21.7	67	46.5	6.8	297	47.1	14.5
Widowed	7	1.4	10.5	5	3.5	--	12	1.9	3.8
Divorced	88	18.1	41.0	30	20.8	9.3	118	18.7	22.0
Unknown	4	0.8	--	0	0.0	0.0	4	0.6	--
Total	487	100.0	18.1	144	100.0	4.9	631	100.0	11.3
EDUCATION LEVEL (Ages 25+)									
0-8	12	2.8	11.6	3	2.4	--	15	2.8	6.9
9-12	235	55.7	33.1	55	44.7	7.8	290	53.2	20.5
13-16	133	31.5	13.3	49	39.8	4.2	182	33.4	8.4
17+	35	8.3	8.8	15	12.2	3.3	50	9.2	5.9
Unknown	7	1.7	--	1	0.8	--	8	1.5	--
Total	422	100.0	19.1	123	100.0	5.0	545	100.0	11.7
TOTAL	491	100.0	14.9	147	100.0	4.2	638	100.0	9.4

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

- Data were extracted and compiled by the Injury Surveillance Program, Bureau of Community Health and Prevention, MDPH, October 2018.
- Analysis is based on a calendar year (Jan. 1 - Dec. 31, 2016) 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 and where population data is unavailable. Rates that are based on counts less than twenty may be unstable.
- Percents may not add to 100 due to rounding.
- Population from Missouri Census Data Center (2018), Population Estimates by Age [Massachusetts 2016]; available from <https://census.missouri.edu/population-by-age/>.
- For additional information and technical notes, please refer to the annual reports which can be found at www.mass.gov/dph/isp.

* Circumstances are not mutually exclusive and will not add up to 100%.

