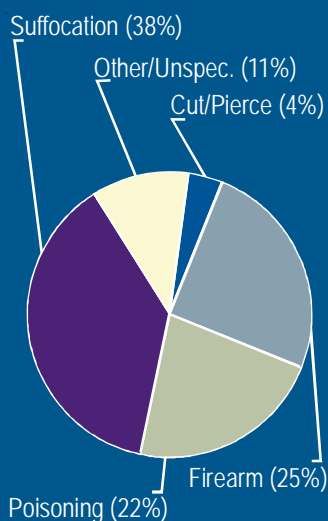
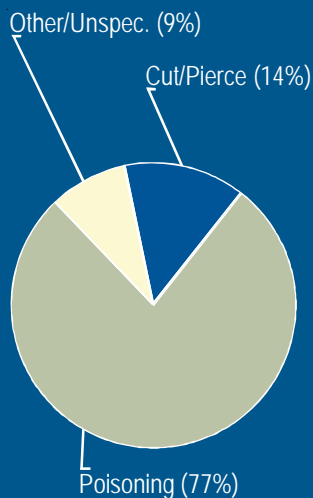


Suicides, 1999-2005

Suicides by Method



Attempts by Method



Phone: 877-GET-SPRC
877-438-7772
TTY: 617-964-5448
Web: www.sprc.org
Email: info@sprc.org
Mail: SPRC
55 Chapel Street
Newton, MA 02458-1060

Statewide

- 14th ranking cause of death
- Average of 431 residents died by suicide each year
- Suicide rate: 7.2 per 100,000
- Average of 1.2 suicides every day

Gender

- Males: 78% of suicides; rate 11.6 per 100,000; 12th ranking cause of death
- Females: 22% of suicides; rate 3.1 per 100,000; 18th ranking cause of death
- Male suicide rate 3.7 times the female rate

Race/ Ethnicity

- White Non-Hispanic (NH): 90% of suicides; rate 7.8 per 100,000
- Hispanic: 3% of suicides; rate 4.2 per 100,000
- Black NH: 4% of suicides; rate 4.5 per 100,000
- Other NH: 3% of suicides; rate 4.3 per 100,000
- White NH suicide rate 1.7 times the Black NH rate

Age

- 30-49 years: highest suicide rate; 45% of suicides; rate 2.2 times the rate for 15 to 19 years

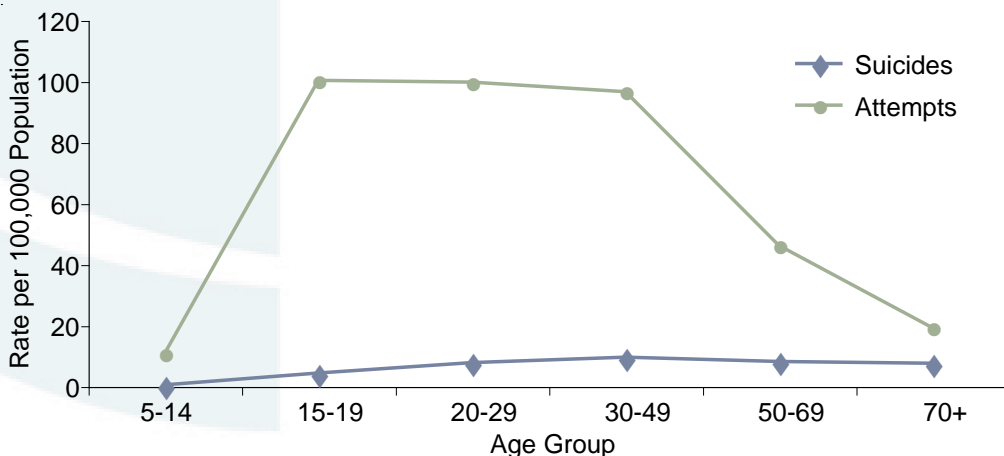
Method

- Suffocation: leading method; rate 2.7 per 100,000; 5th ranking cause of injury deaths
- Firearm: 2nd leading method; rate 1.8 per 100,000; 8th ranking cause of injury deaths
- Poisoning: 3rd leading method; rate 1.6 per 100,000; 9th ranking cause of injury deaths
- If half of **undetermined intent** poisonings were self-inflicted, suicides in this state would be 52% higher

Costs

- Average medical cost per case: \$6,151
- Average work-loss cost per case: \$1,652,965

Average Annual Self-Inflicted Injuries by Age Group, Massachusetts Residents



Hospitalized Attempts, 2005

Statewide

- Total of 4,011 hospitalized attempts per year
- Hospitalized attempt rate: 66.4 per 100,000
- Average of 11.0 attempts every day

Gender

- Males: 43% of attempts; rate 58.6 per 100,000
- Females: 57% of attempts; rate 73.6 per 100,000
- Female attempt rate 26% greater than male rate

Race/Ethnicity

- White Non-Hispanic (NH): 82% of attempts; rate 62.3 per 100,000
- Hispanic: 4% of attempts; rate 35.2 per 100,000
- Black NH: 6% of attempts; rate 58.3 per 100,000

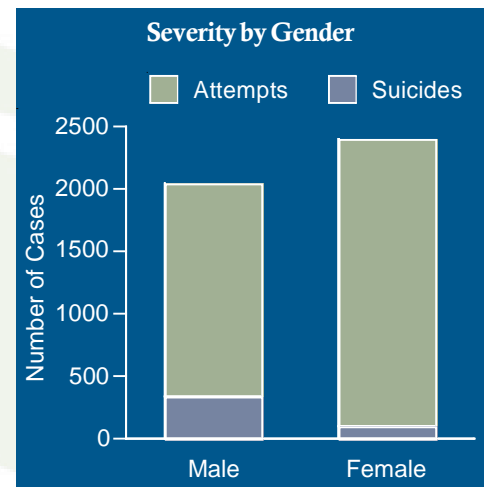
- Other NH: 8% of attempts; rate 90.5 per 100,000
- White NH attempt rate 7% greater than Black NH rate

Age

- 15-19 years: highest hospitalized attempt rate; 11% of hospitalized attempts

Method

- Poisoning: leading method; 3,086 annual attempts; rate 51.1 per 100,000
- Cut/Pierce: 2nd leading method; 577 annual attempts; rate 9.6 per 100,000
- If half of **undetermined intent** poisonings were self-inflicted, suicide attempts in this state would be 7% higher



Costs

- Average medical cost per case: \$12,321
- Average work-loss cost per case: \$14,137

Self-Inflicted Injuries by Age Group, Gender, and Method, Massachusetts Residents

	Suicides								Hospitalized Attempts							
	Male		Female		All		Avg Cost Per Case		Male		Female		All		Avg Cost Per Case	
	N	Rate	N	Rate	N	Rate	Medical	Work Loss	N	Rate	N	Rate	N	Rate	Medical	Work Loss
Age Group																
5-14	3	0.8	1	0.1	4	0.5	\$40,366	\$2,205,276	24	5.8	64	16.2	88	10.9	\$9,836	\$19,485
15-19	15	6.9	4	1.9	19	4.4	\$6,215	\$2,388,284	129	57.6	316	143.7	445	100.3	\$9,516	\$14,434
20-29	55	13.1	11	2.6	66	7.8	\$5,963	\$2,541,618	394	92.5	456	106.8	850	99.7	\$10,845	\$18,268
30-49	149	15.1	43	4.2	192	9.6	\$5,534	\$1,990,727	858	89.5	1,025	103.5	1,883	96.6	\$12,333	\$13,772
50-69	75	12.6	27	4.2	102	8.2	\$5,623	\$986,362	247	38.4	375	53.4	622	46.2	\$16,396	\$9,072
70+	39	15.8	10	2.5	49	7.6	\$7,793	\$136,042	56	22.7	67	17.1	123	19.2	\$20,698	\$2,750
Method																
Cut/Pierce	13	0.5	2	0.1	15	0.3	\$10,126	\$1,571,786	275	9.4	302	9.7	577	9.6	\$13,204	\$57,354
Firearms	100	3.5	8	0.3	108	1.8	\$5,477	\$1,507,635	**	**	**	**	**	**	\$79,298	\$77,825
Poisoning	52	1.8	44	1.4	96	1.6	\$6,984	\$1,487,616	1,231	42.2	1,855	59.3	3,086	51.1	\$10,241	\$2,014
Suffocation	135	4.7	29	0.9	164	2.7	\$4,249	\$1,863,160	**	**	**	**	**	**	\$37,373	\$282,811
Other/Unspecified	35	1.2	12	0.4	47	0.8	\$10,822	\$1,625,938	155	5.3	119	3.8	274	4.5	\$39,052	\$71,315
Total	335	11.6	96	3.1	431	7.2	\$6,151	\$1,652,965	1,708	58.6	2,303	73.6	4,011	66.4	\$12,321	\$14,137

All non-estimated hospitalization counts for year 2006 were obtained from and prepared by the Massachusetts Department of Public Health, Boston, MA (2008). Rates are per 100,000 population aged 5 and over. For table details and data sources, see Methods page. Rates based on 5 or fewer cases may be unstable, use with caution. Rows and columns may not add due to rounding. Notes: ** indicates 1-10 discharges, or indicates 11 or more discharges, but suppressed to prevent identification of other small numbers through subtraction. All costs are in year 2006 dollars. Not all self-inflicted injuries are suicide attempts.

This has been published by the Suicide Prevention Resource Center at EDC. It is the reader's sole responsibility to determine whether any of the information contained in these materials is useful to them. These materials are based upon work supported by the Department of Health and Human Services, Substance Abuse and Mental Health Services Administration under grant No. 1 U79 SM57392-03. Any opinions, findings and conclusions, or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the Department of Health and Human Services, Substance Abuse and Mental Health Services Administration.