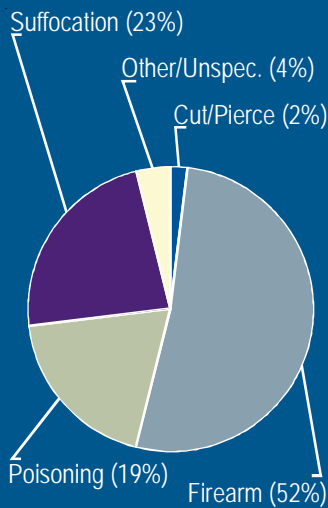
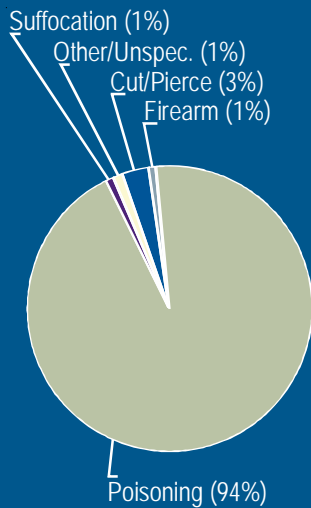


### Suicides, 1999-2005

#### Suicides by Method



#### Attempts by Method



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

#### Statewide

- 10<sup>th</sup> ranking cause of death
- Average of 1,049 residents died by suicide each year
- Suicide rate: 11.2 per 100,000
- Average of 2.9 suicides every day

#### Gender

- Males: 80% of suicides; rate 18.4 per 100,000; 8<sup>th</sup> ranking cause of death
- Females: 20% of suicides; rate 4.3 per 100,000; 18<sup>th</sup> ranking cause of death
- Male suicide rate 4.3 times the female rate

#### Race/Ethnicity

- White Non-Hispanic (NH): 88% of suicides; rate 12.3 per 100,000
- Hispanic: 2% of suicides; rate 6.7 per 100,000
- Black NH: 8% of suicides; rate 6.5 per 100,000
- Other NH: 2% of suicides; rate 9.4 per 100,000
- White NH suicide rate 1.9 times the Black NH rate

#### Age

- 30-49 years: highest suicide rate; 43% of suicides; rate 1.9 times the rate for 15 to 19 years

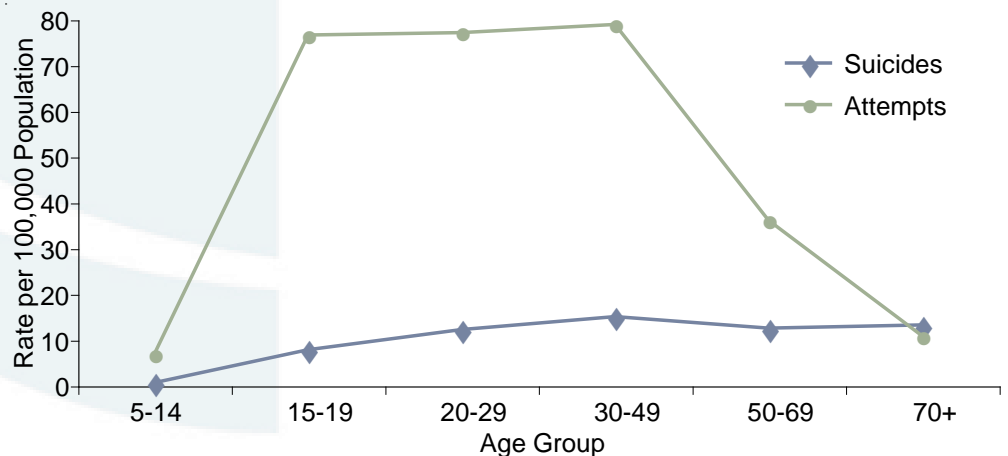
#### Method

- Firearm: leading method; rate 5.8 per 100,000; 2<sup>nd</sup> ranking cause of injury deaths
- Suffocation: 2<sup>nd</sup> leading method; rate 2.5 per 100,000; 7<sup>th</sup> ranking cause of injury deaths
- Poisoning: 3<sup>rd</sup> leading method; rate 2.2 per 100,000; 8<sup>th</sup> ranking cause of injury deaths
- If half of **undetermined intent** poisonings were self-inflicted, suicides in this state would be 9% higher

#### Costs

- Average medical cost per case: \$3,153
- Average work-loss cost per case: \$1,276,828

#### Average Annual Self-Inflicted Injuries by Age Group, Michigan Residents



# Hospitalized Attempts, 2006

## Statewide

- Total of 4,878 hospitalized attempts per year
- Hospitalized attempt rate: 51.6 per 100,000
- Average of 13.4 attempts every day

- Other NH: 1% of attempts; rate 15.8 per 100,000

## Age

- 30-49 years: highest hospitalized attempt rate; 47% of hospitalized attempts

## Method

- Poisoning: leading method; 4,572 annual attempts; rate 48.3 per 100,000
- Cut/Pierce: 2<sup>nd</sup> leading method; 170 annual attempts; rate 1.8 per 100,000
- If half of **undetermined intent** poisonings were self-inflicted, suicide attempts in this state would be 9% higher

## Gender

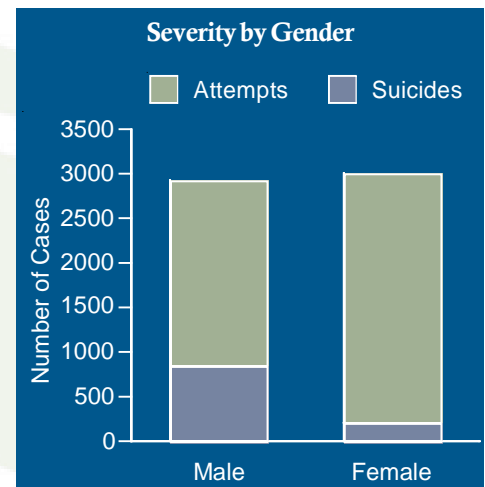
- Males: 43% of attempts; rate 44.8 per 100,000
- Females: 57% of attempts; rate 58.1 per 100,000
- Female attempt rate 30% greater than male rate

## Race/ Ethnicity

- White Non-Hispanic (NH): 83% of attempts; rate 53.6 per 100,000
- Hispanic: 2% of attempts; rate 23.7 per 100,000
- Black NH: 14% of attempts; rate 51.4 per 100,000

## Costs

- Average medical cost per case: \$8,027
- Average work-loss cost per case: \$10,913



## Self-Inflicted Injuries by Age Group, Gender, and Method, Michigan 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	6	0.9	3	0.4	10	0.7	\$6,177	\$1,604,566	16	2.3	79	11.7	95	6.9	\$6,408	\$15,042
15-19	48	12.8	10	2.8	57	7.9	\$4,083	\$1,850,600	204	53.5	368	101.0	572	76.7	\$6,200	\$11,143
20-29	138	20.8	24	3.7	162	12.3	\$2,513	\$1,975,644	490	71.4	547	83.2	1,037	77.2	\$7,065	\$14,102
30-49	357	23.8	98	6.5	455	15.1	\$2,958	\$1,546,921	989	68.7	1,293	89.2	2,282	79.0	\$8,035	\$10,632
50-69	191	20.2	54	5.4	245	12.6	\$3,451	\$745,064	342	32.2	451	40.1	793	36.2	\$10,681	\$7,004
70+	103	29.0	17	3.1	120	13.3	\$3,465	\$106,601	40	11.0	59	10.8	99	10.9	\$13,484	\$2,123
Method																
Cut/Pierce	14	0.3	5	0.1	20	0.2	\$4,093	\$1,220,628	118	2.5	52	1.1	170	1.8	\$8,602	\$44,277
Firearms	482	10.5	61	1.3	543	5.8	\$2,383	\$1,220,238	**	0.6	**	0.1	33	0.3	\$51,661	\$60,080
Poisoning	120	2.6	84	1.8	204	2.2	\$4,595	\$1,187,939	1,868	40.2	2,704	56.2	4,572	48.3	\$6,672	\$1,555
Suffocation	190	4.2	44	0.9	235	2.5	\$2,594	\$1,485,288	**	0.5	**	0.1	29	0.3	\$24,348	\$218,328
Other/Unspecified	36	0.8	12	0.2	47	0.5	\$8,018	\$1,283,407	46	1.0	28	0.6	74	0.8	\$25,442	\$55,055
Total	843	18.4	206	4.3	1,049	11.2	\$3,153	\$1,276,828	2,081	44.8	2,797	58.1	4,878	51.6	\$8,027	\$10,913

All non-estimated hospitalization counts for year 2005 were obtained from and prepared by the Michigan Department of Community Health, Injury & Violence Prevention Section, Violence Prevention Program, Lansing, MI (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.