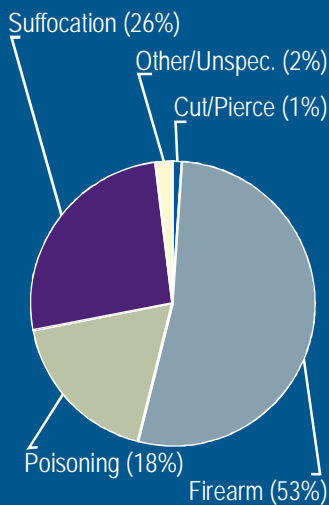
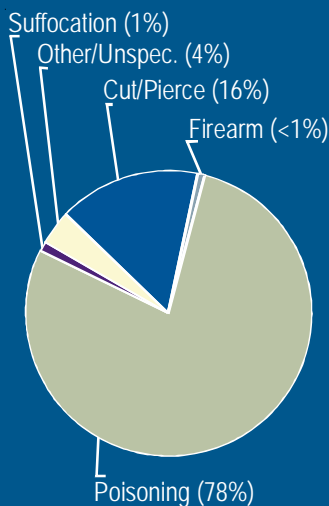


Suicides, 1999-2005

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

- 9th ranking cause of death
- Average of 105 residents died by suicide each year
- Suicide rate: 14.7 per 100,000
- Average of 2.0 suicides every week

Gender

- Males: 85% of suicides; rate 25.2 per 100,000; 8th ranking cause of death
- Females: 15% of suicides; rate 4.4 per 100,000; 18th ranking cause of death
- Male suicide rate 5.7 times the female rate

Race/Ethnicity

- White Non-Hispanic (NH): 82% of suicides; rate 13.6 per 100,000
- Hispanic: 1% of suicides; rate 12.9 per 100,000
- Black NH: 1% of suicides; rate 12.4 per 100,000
- Alaska Native/American Indian NH: 15% of suicides; rate 28.1 per 100,000
- Other NH: 1% of suicides; rate 14.4 per 100,000

- Alaska Native/American Indian NH suicide rate 2.0 times greater than the White NH rate

Age

- 15-19 years: highest suicide rate; 11% of suicides; rate 8% greater than the rate for 30 to 49 years

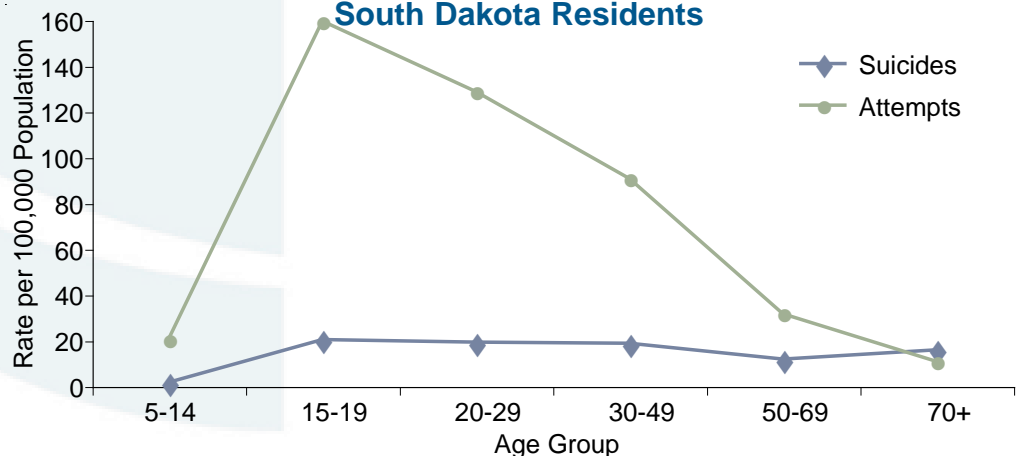
Method

- Firearm: leading method; rate 7.9 per 100,000; 3rd ranking cause of injury deaths
- Suffocation: 2nd leading method; rate 3.9 per 100,000; 4th ranking cause of injury deaths
- Poisoning: 3rd leading method; rate 2.6 per 100,000; 5th ranking cause of injury deaths
- If half of **undetermined intent** poisonings were self-inflicted, suicides in this state would be 2% higher

Costs

- Average medical cost per case: \$3,936
- Average work-loss cost per case: \$1,232,282

Average Annual Self-Inflicted Injuries by Age Group, South Dakota Residents



Hospitalized Attempts, 2005

Statewide

- Total of 502 hospitalized attempts per year
- Hospitalized attempt rate: 69.6 per 100,000
- Average of 1.4 attempts every day

Gender

- Males: 36% of attempts; rate 50.1 per 100,000
- Females: 64% of attempts; rate 88.9 per 100,000
- Female attempt rate 1.8 times the male rate

Race/ Ethnicity

- White: 71% of attempts; rate 55.7 per 100,000
- Black: 2% of attempts; rate 140.6 per 100,000
- Alaska Native/ American Indian: 23% of attempts; rate 194.4 per 100,000

- Other : 4% of attempts;
- Alaska Native/ American Indian attempt rate 3.5 times the White rate

Age

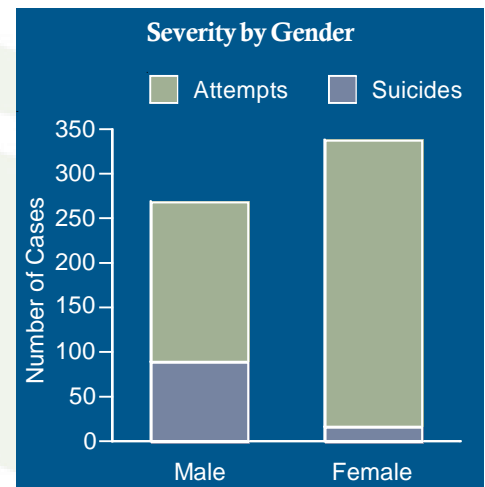
- 15-19 years: highest hospitalized attempt rate; 19% of hospitalized attempts

Method

- Poisoning: leading method; 390 annual attempts; rate 54.1 per 100,000
- Cut/Pierce: 2nd leading method; 81 annual attempts; rate 11.2 per 100,000

Costs

- Average medical cost per case: \$8,561
- Average work-loss cost per case: \$9,688



Self-Inflicted Injuries by Age Group, Gender, and Method, South Dakota 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	2	3.0	0	0.5	2	1.8	\$41,155	\$1,516,308	**	5.5	**	37.0	**	20.8	\$6,834	\$13,353
15-19	10	32.9	2	7.3	12	20.5	\$920	\$1,601,407	27	90.2	66	233.5	93	159.7	\$6,612	\$9,892
20-29	17	31.3	3	6.6	20	19.4	\$3,771	\$1,715,438	60	105.2	81	154.7	141	128.9	\$7,535	\$12,519
30-49	33	30.8	7	6.6	40	18.9	\$3,084	\$1,403,755	64	61.6	122	120.9	186	90.8	\$8,569	\$9,438
50-69	15	20.8	2	3.3	17	12.0	\$4,475	\$698,187	21	26.2	30	37.3	51	31.8	\$11,392	\$6,217
70+	12	36.9	1	1.8	13	16.1	\$3,176	\$94,868	**	14.8	**	8.2	**	10.9	\$14,381	\$1,885
Method																
Cut/Pierce	1	0.2	0	0.0	1	0.1	\$734	\$265,312	39	10.9	42	11.6	81	11.2	\$9,174	\$39,305
Firearms	52	14.8	4	1.1	56	7.9	\$1,883	\$1,176,995	**	1.1	**	0.3	**	0.7	\$55,097	\$53,334
Poisoning	11	3.0	8	2.2	18	2.6	\$9,008	\$1,163,534	122	34.0	268	74.0	390	54.1	\$7,116	\$1,380
Suffocation	24	6.8	3	1.0	27	3.9	\$3,882	\$1,405,544	**	1.7	**	0.3	**	1.0	\$25,967	\$193,811
Other/Unspecified	1	0.4	1	0.2	2	0.3	\$15,341	\$1,042,229	**	2.5	**	2.8	19	2.6	\$27,134	\$48,873
Total	89	25.2	16	4.4	105	14.7	\$3,936	\$1,232,282	180	50.1	322	88.9	502	69.6	\$8,561	\$9,688

All non-estimated hospitalization counts for year 2005 were obtained from the 2005 South Dakota State Inpatient Data (SID) file, which is part of the Healthcare Cost and Utilization Project (HCUP; Agency for Healthcare Research and Quality, Rockville, MD, 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. Note: ** 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.