

# Idaho Resident Suicide Deaths

## 2010-2014

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# IDAHO RESIDENT SUICIDE

## Purpose

The purpose of this report is to provide a comprehensive view of deaths among Idaho residents by Intentional self-harm (suicide). Resident suicide deaths include all deaths where suicide was listed as the underlying cause of death, regardless of where the death occurred. The Bureau of Vital Records and Health Statistics receives death records for those Idaho resident deaths that occur in Idaho and out of state. This report provides data for the most recent year available, 2014, trends for the U.S. and Idaho, trends by gender for Idaho, and data by gender, age, race, ethnicity, place of residence, military status, and mechanism of injury from 2010 to 2014. Findings below are based on five-year aggregate numbers and age-adjusted rates from 2010 to 2014 unless otherwise noted.

## Findings

### IDAHO AND U.S.:

- Suicide was the 10th leading cause of death in the U.S. in 2014, and 8th leading cause of death among Idaho residents in 2010, 2011, 2012, 2013, and 2014.
- In 2014, Montana had the highest rate of suicide in the nation (23.9 deaths per 100,000 population); Idaho had the 6th highest rate in the nation (20.0 deaths per 100,000 population), following Montana, Alaska, New Mexico, Wyoming, and Utah.
- In 2014, the lowest rates in the nation were in the District of Columbia (7.9 deaths per 100,000 population), New York (8.6 deaths per 100,000 population), and New Jersey (8.9 deaths per 100,000 population).
- Idaho's age adjusted rate was 53.8 percent higher than the U.S. rate (13.0 deaths per 100,000 in the U.S.) in 2014.
- In the past five years, 1,501 Idaho residents died from suicide. The number of deaths ranged from a low of 284 deaths in 2011 to a high of 320 deaths in 2014.

### GENDER:

- Suicide was the cause of death for 1,178 Idaho males and 323 females from 2010-2014.
- The rate for males (30.3 deaths per 100,000 males) was significantly higher than the rate for females (8.3 deaths per 100,000 females).
- The rank of leading cause of death for males and females was:
  - 6<sup>th</sup> highest cause of deaths among males
  - 12<sup>th</sup> highest cause of death among females
- For the past ten years, rates for males were significantly higher than rates for females every year. The rates for males did not change significantly in the past ten years; however, the rates for females did change significantly in the past ten years.
  - The age-adjusted rate for males was 28.0 deaths per 100,000 males in 2005 and was 30.4 deaths per 100,000 males in 2014.
  - The age-adjusted rate for females was 4.9 deaths per 100,000 females in 2005 and was 10.1 deaths per 100,000 females in 2014.

## **AGE:**

- The mean age at death for suicide by gender was:
  - Age 45.9 for males
  - Age 44.4 for females
- The highest age-specific rates for males and females were:
  - Age 85 and older for males (87.0 deaths per 100,000 males aged 85 and older)
  - Age 45-54 for females (15.1 deaths per 100,000 females aged 45-54)
- The age group with the highest number of deaths was:
  - Age 45-54 for males (226 deaths)
  - Age 45-54 for females (77 deaths)
- Suicide was the 2<sup>nd</sup> leading cause of death for 10-14, 15-24, 25-34, and 35-44 year old age groups.

## **DISTRICT:**

- District 2 had the lowest number of suicide deaths among the seven districts (119 deaths).
- District 6 had the highest suicide rate with 22.3 deaths per 100,000 population (178 deaths).
- District 4 had the highest number of suicide deaths (374), but had the lowest suicide rate with 16.4 deaths per 100,000 population.
- Suicide was the 7<sup>th</sup> leading cause of death among residents of District 4 and District 6, the 8<sup>th</sup> leading cause among Districts' 1, 2, 3, 5, and 7 residents.

## **COUNTY:**

- The county with the highest crude suicide rate was Clark County with 88.2 deaths per 100,000 population (4 deaths), followed by Custer County (51.4 deaths per 100,000, 11 deaths), and Shoshone County (39.5 deaths per 100,000, 25 deaths).
- Camas County had no suicide deaths from 2010 to 2014. The other counties with low rates were Madison County with 6.4 deaths per 100,000 population (12 deaths), Power with 7.8 deaths per 100,000 (3 deaths), and Oneida with 9.4 deaths per 100,000 (2 deaths).
  - Caution must be exercised when attempting to draw conclusions from rates that are based on small numbers. It is recommended to show the number with the rate.

## **RACE AND ETHNICITY:**

- The highest number of suicide deaths occurred among the non-Hispanic white population (1,403 deaths).
- The highest age-adjusted suicide rate occurred among non-Hispanic American Indian and Alaska Natives (20.8 deaths per 100,000 population (22 deaths).
- The lowest age-adjusted suicide rate occurred among the non-Hispanic Asian/Pacific Islander population with 5.3 per 100,000 population (7 deaths).
- Suicide was the 8<sup>th</sup> leading cause of death among non-Hispanics, and was the 6<sup>th</sup> leading cause among Hispanics.

## **MECHANISM OF INJURY:**

- Of the 1,501 Idaho resident suicide deaths, 907 (60.4 percent) involved a firearm.
- Firearms, poisoning, and hanging, strangulation and suffocation made up 95.5 percent of all Idaho resident suicide deaths.
- Leading mechanism of injury differed among males and females. Firearm was the leading mechanism for males; 67.6 percent of suicides among males involved a firearm. Poisoning was the leading mechanism among females; 36.2 percent of suicides among females were from poisoning.
- The mean age at death by mechanism:
  - Age 48.1 for suicide by firearm
  - Age 46.8 for suicide by poisoning
  - Age 36.7 for suicide by hanging
  - Age 36.4 for suicide by jumping from high place
  - Age 48.1 for suicide by drowning
  - Age 49.5 for suicide by cutting (sharp object)

## **MILITARY STATUS:**

- Among Idaho residents aged 18 and older, there were 1,425 suicide deaths from 2010 to 2014. Of the 1,425 deaths, 323 (22.8 percent) occurred to people who had ever been in U.S. Armed Forces. The death may have occurred at the time the person was in the military or after leaving the military.
  - Of the 138 men aged 18-24 who died from suicide, 16 (11.6 percent) were ever in the military. In comparison, 3.9 percent of males aged 18-24 who died from a cause other than suicide were ever in the U.S. Armed Forces.
  - Of the 775 men aged 25-64 who died by suicide, 166 (21.4 percent) were ever in the military. In comparison, 26.8 percent of males aged 25-64 who died from a cause other than suicide were ever in the U.S. Armed Forces.
  - Of the 203 men aged 65 and older who died by suicide, 131 (64.5 percent) were ever in the military. In comparison, 66.8 percent of males aged 65+ who died from a cause other than suicide were ever in the military.
- Suicide by firearm was more prevalent among people who had ever been in the military than those who had never been in the military. Firearms were involved in 79.6 percent of suicide deaths to adults aged 18 and older who ever served in U.S. Armed Forces and 55.1 percent of those who had never served in U.S. Armed Forces.

Military status is based on the following question on the death certificate: 'Ever in U.S. Armed Forces'?

Note: All rates provided in the findings are age-adjusted to the U.S. 2000 standard population and are based on five-year aggregate data 2009-2013 unless otherwise noted. All percentages provided in the findings are based on death records with known outcome for the indicator. Records with unknown outcomes were deleted from the denominator prior to calculating the percentage. Significant differences provided in the findings are based on statistical significance at the 0.05 level.

**Table 1**  
**Idaho Resident Deaths**  
**Number and Rank in Leading Causes of Death**  
**1970, 1980, 1990, 2000, 2010, 2013, and 2014**

CAUSE OF DEATH	YEAR OF DEATH						
	2014	2013	2010	2000	1990	1980	1970
All Causes	12,610	12,426	11,411	9,535	7,387	6,762	6,145
Malignant neoplasms (cancer)	2,790 (1)	2,709 (1)	2,530 (1)	2,131 (2)	1,733 (2)	1,293 (2)	940 (2)
Diseases of heart	2,684 (2)	2,489 (2)	2,478 (2)	2,510 (1)	2,186 (1)	2,383 (1)	2,157 (1)
Chronic lower respiratory diseases	830 (3)	806 (3)	730 (3)	565 (4)	387 (5)	243 (5)	174 (6)
Accidents	748 (4)	777 (4)	647 (4)	516 (5)	477 (4)	579 (3)	584 (4)
Cerebrovascular diseases	638 (5)	600 (5)	641 (5)	713 (3)	544 (3)	568 (4)	638 (3)
Diabetes mellitus	408 (6)	400 (6)	352 (7)	302 (6)	172 (8)	112 (8)	130 (9)
Alzheimer's disease	376 (7)	348 (7)	415 (6)	262 (8)	79 (9)	*	*
Intentional self-harm (suicide)	320 (8)	308 (8)	290 (8)	166 (9)	190 (7)	128 (7)	112 (10)
Influenza and Pneumonia	203 (9)	259 (9)	215 (9)	286 (7)	305 (6)	211 (6)	207 (5)
Chronic liver disease and cirrhosis	196 (10)	201 (10)	152 (MR)	113 (10)	54 (MR)	76 (MR)	*
All other causes	3,417	3,529	2,961	1,971	1,260	1,169	1,203

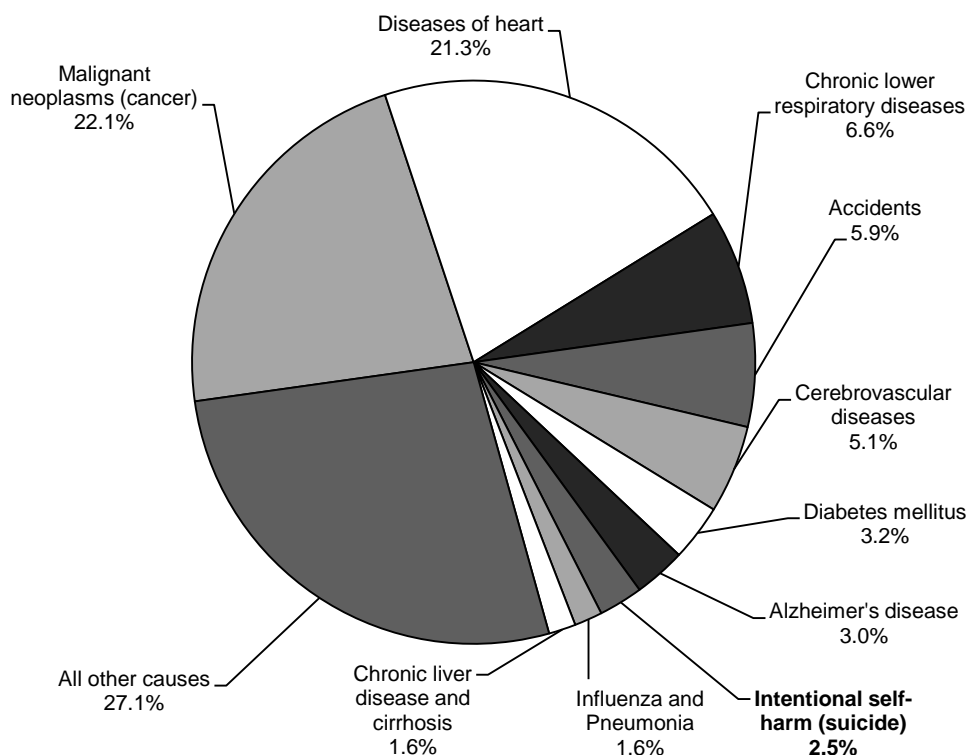
\* Data not available or not comparable.

Leading causes of death are based on the top 10 causes of death for the most recent year.

2014, 2013, 2010, and 2000 data based on the International Classification of Diseases, Tenth revision. 1990 and 1980 data are based on the International Classification of Diseases, Ninth revision. 1970 data based on the International Classification of Diseases, Eighth Revision.

Numbers enclosed in parenthesis denote cause of death rank for that year. MR = Missing Rank; those years with rank missing represent a leading cause of death for that year that is not in the top 10 causes of death for that year.

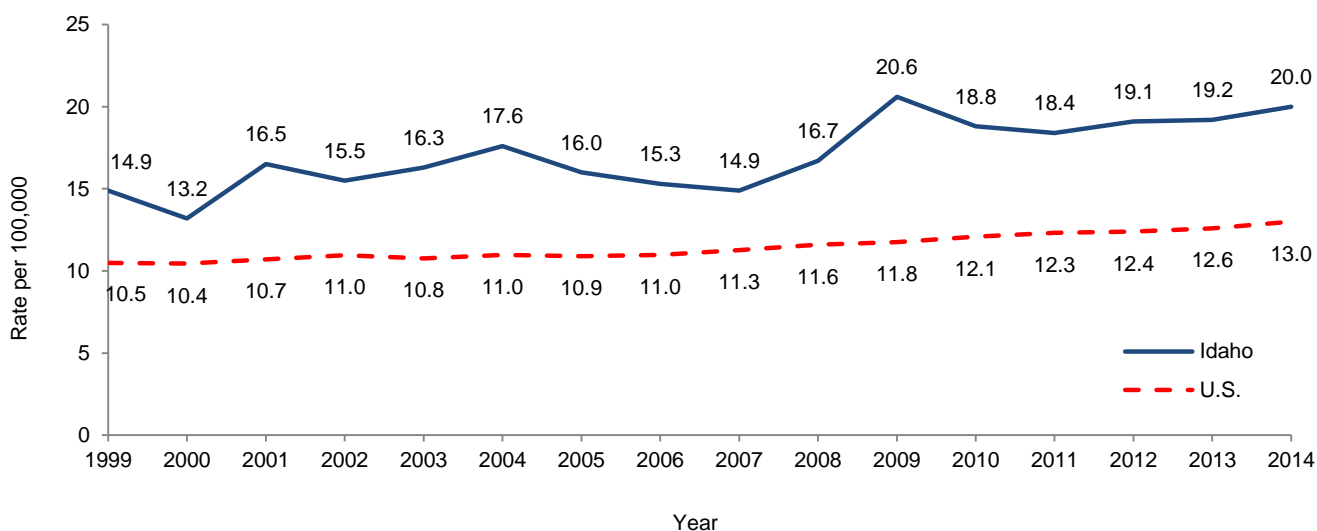
**Chart 1**  
**Idaho Resident Deaths**  
**Percentage of All Deaths by Leading Cause of Death**  
**2014**



**Table 2**  
**Idaho and U.S. Resident Suicide Deaths**  
**Number of Deaths, Crude, and Age-Adjusted Rate**  
**Annual Percentage Change to Age-Adjusted Rate**  
**1999-2014**

YEAR	IDAHO				U.S.			
	Number	Crude Rate	Age-Adjusted Rate (AAR)	Percent Change to AAR	Number	Crude Rate	Age-Adjusted Rate (AAR)	Percent Change to AAR
1999	180	14.4	14.9	NA	29,199	10.5	10.5	NA
2000	166	12.8	13.2	-11.4%	29,350	10.4	10.4	-1.0%
2001	213	16.1	16.5	25.0%	30,622	10.8	10.7	2.9%
2002	203	15.1	15.5	-6.1%	31,655	11.0	11.0	2.8%
2003	218	16.0	16.3	5.2%	31,484	10.9	10.8	-1.8%
2004	239	17.2	17.6	8.0%	32,439	11.1	11.0	1.9%
2005	225	15.7	16.0	-9.1%	32,637	11.0	10.9	-0.9%
2006	218	14.9	15.3	-4.4%	33,300	11.2	11.0	0.9%
2007	220	14.7	14.9	-2.6%	34,598	11.5	11.3	2.7%
2008	251	16.5	16.7	12.1%	36,035	11.9	11.3	2.7%
2009	307	19.9	20.6	23.4%	36,909	12.0	11.8	1.7%
2010	290	18.5	18.8	-8.7%	38,364	12.4	12.1	2.5%
2011	284	17.9	18.4	-2.1%	39,518	12.7	12.3	1.7%
2012	299	18.7	19.1	3.8%	40,600	12.9	12.4	0.8%
2013	308	19.1	19.2	0.5%	41,149	13.0	12.6	1.6%
2014	320	19.6	20.0	4.2%	42,773	13.4	13.0	3.2%

**Chart 2**  
**Idaho and U.S. Resident Suicide Deaths**  
**Age-Adjusted Rate**  
**1999-2014**



Rate: Number of deaths per 100,000 population.

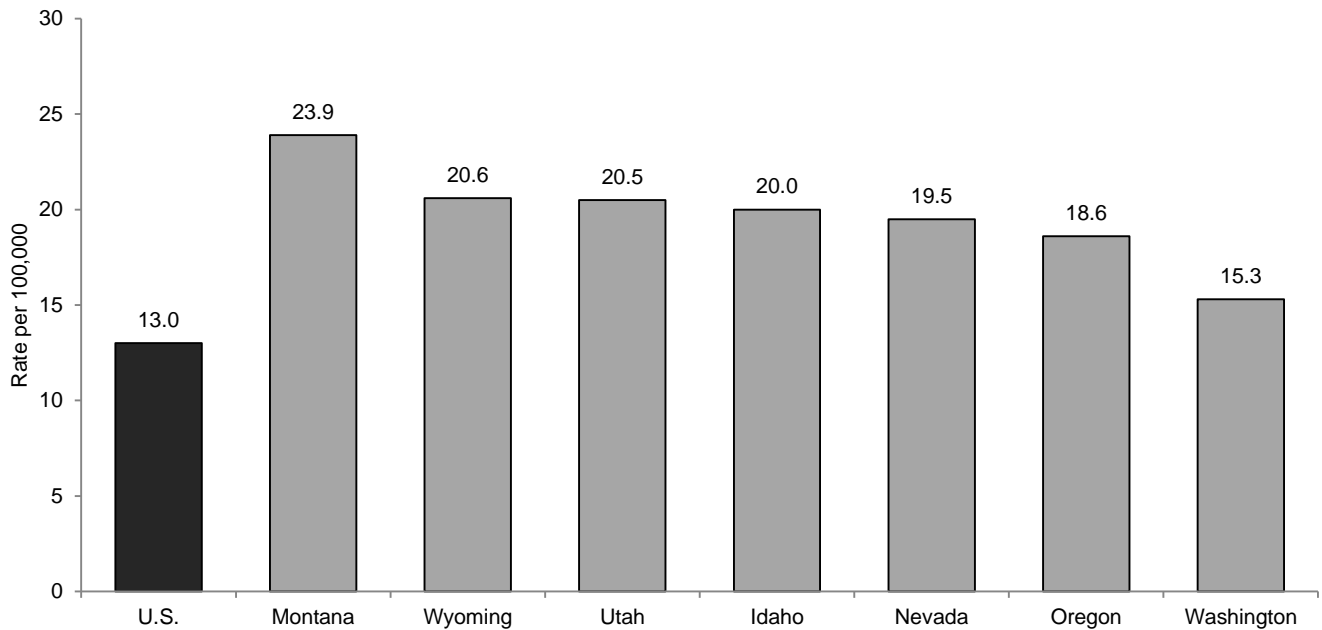
Percent change:  $((\text{Current year age-adjusted rate} - \text{prior year age-adjusted rate}) / (\text{prior year age-adjusted rate})) * 100$ .

NA: Not applicable; NC: no change.

U.S. data Source: NCHS Vital Statistics System for numbers of deaths. Bureau of Census for population estimates.

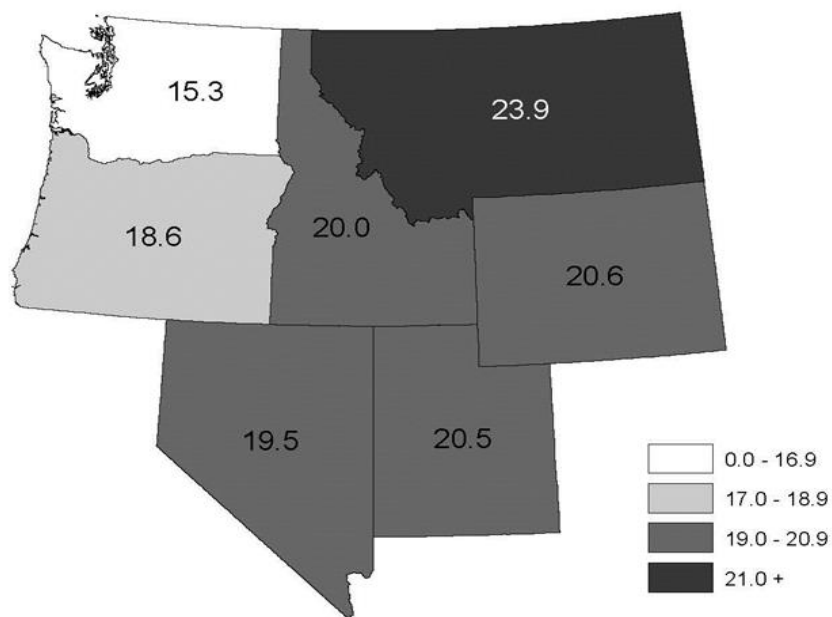


**Chart 3**  
**Suicide Deaths**  
**Age-Adjusted Mortality Rate for Idaho and Surrounding States**  
**2014**



In addition to Montana, Wyoming, and Utah, two other states had rates higher than Idaho in 2014 (Alaska, 22.0 deaths per 100,000, and New Mexico, 21.0 deaths per 100,000).

**Map 1**  
**Suicide Deaths**  
**Age-Adjusted Mortality Rate for Idaho and Surrounding States**  
**2014**



Data source for states other than Idaho: Latest state data available from Centers for Disease Control and Prevention, WISQARS online database, [www.cdc.gov/injury/wisqars/index.html](http://www.cdc.gov/injury/wisqars/index.html).

**Table 3**  
**Idaho Resident Suicide Deaths**  
**Crude Rate and Percentages by Age, Residence, Race and Ethnicity, and Mechanism by Gender**  
**2014**

	TOTAL		MALE		FEMALE	
	Number	Rate or Percent	Number	Rate or Percent	Number	Rate or Percent
Total Deaths	12,610		6,493		6,117	
Suicide Deaths	320		240		80	
All Other Causes of Death	12,290		6,253		6,037	
Percentage All Deaths From Suicide		2.5%		3.7%		1.3%
Crude Rate Per 100,000		19.6		29.3		9.8
Suicide Rank for Leading Cause of Death	8th		6th		10th	
Age Group						
<15	9	7.3	8	12.8	1	1.7
15-24	44	19.4	36	30.7	8	7.3
25-34	47	21.8	34	31.3	13	12.2
35-44	60	30.0	44	43.5	16	16.2
45-54	58	29.1	39	39.2	19	19.1
55-64	55	27.6	40	40.9	15	14.8
65-74	19	13.7	13	19.1	6	8.5
75-84	15	22.3	13	41.5	2	5.6
85+	13	47.5	13	127.5	-	-
District of Residence						
District 1	53	23.9	41	37.3	12	10.8
District 2	33	30.8	25	45.7	8	15.3
District 3	35	13.1	29	21.8	6	4.4
District 4	85	18.1	57	24.2	28	12.0
District 5	42	22.0	34	35.6	8	8.4
District 6	36	21.3	22	26.0	14	16.6
District 7	36	17.2	32	30.4	4	3.8
Race and Ethnicity						
Non-Hispanic	309	21.5	231	32.2	78	10.8
Non-Hispanic White	301	21.9	226	33.0	75	10.9
Non-Hispanic Black	-	-	-	-	-	-
Non-Hispanic American Indian/Alaska Native	6	28.3	4	37.8	2	18.8
Non-Hispanic Asian/Pacific Islander	2	7.2	1	7.8	1	6.8
Hispanic	11	5.6	9	8.9	2	2.1
Mechanism						
Firearm	182	56.9%	153	63.8%	29	36.3%
Poisoning	54	16.9%	25	10.4%	29	36.3%
Hanging, strangulation, & suffocation	70	21.9%	53	22.1%	17	21.3%
Jumping from high place	3	0.9%	2	0.8%	1	1.3%
Drowning	1	0.3%	1	0.4%	-	0.0%
Cutting (sharp object)	7	2.2%	6	2.5%	1	1.3%
All other means	3	0.9%	-	0.0%	3	3.8%

Rate: Number of deaths per 100,000 population in the corresponding group. For the age group <15, number of deaths is based <15 years, and population is based on 10-14 years.

Note: The reader is cautioned that rates based on small numbers (<20 events) are considered unstable; caution must be exercised when attempting to draw conclusions from small data bases. It is advised to show the number of deaths with the rate.

**Table 4**  
**Idaho Resident Suicide Deaths**  
**Number and Crude Death Rate by District and County of Residence**  
**1995-2014**

RESIDENCE	1995		1996		1997		1998		1999	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
IDAHO	188	16.1	178	15.0	210	17.3	202	16.4	180	14.4
District 1	30	19.1	21	13.0	30	18.0	31	18.3	26	15.0
District 2	19	19.5	20	20.5	17	17.3	19	19.4	12	12.3
District 3	22	13.3	32	18.8	30	17.1	27	15.0	26	14.1
District 4	44	15.3	38	12.8	53	17.4	38	12.1	45	14.0
District 5	22	14.5	21	13.6	26	16.6	24	15.3	18	11.3
District 6	27	17.6	29	18.8	33	21.2	41	26.2	28	17.8
District 7	24	15.8	17	11.1	21	13.6	22	14.1	25	15.9
Ada	37	14.7	33	12.7	49	18.4	32	11.6	39	13.8
Adams	-	-	3	77.1	2	52.7	-	-	1	26.4
Bannock	16	21.9	10	13.6	19	25.7	24	32.3	14	18.7
Bear Lake	1	15.2	2	30.8	2	30.6	2	30.7	4	61.0
Benewah	1	11.4	2	22.4	4	44.5	-	-	1	11.0
Bingham	4	9.8	5	12.1	6	14.5	9	21.5	8	19.0
Blaine	3	18.2	2	11.8	4	23.3	4	23.3	4	23.1
Boise	-	-	-	-	2	39.7	1	19.5	1	18.8
Bonner	7	21.2	6	17.7	4	11.5	11	31.1	7	19.4
Bonneville	15	18.9	12	15.1	16	20.0	8	9.9	15	18.4
Boundary	1	10.4	1	10.2	1	10.2	1	10.2	2	20.0
Butte	1	32.4	1	32.2	1	32.3	3	98.7	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	13	11.9	20	17.8	16	13.7	14	11.6	19	15.3
Caribou	2	27.4	4	54.3	2	27.4	-	-	1	13.7
Cassia	2	9.5	7	32.8	4	18.7	3	14.1	3	13.9
Clark	1	120.8	-	-	-	-	1	112.5	1	109.5
Clearwater	-	-	2	21.2	1	10.6	1	10.7	-	-
Custer	2	47.1	-	-	-	-	-	-	1	24.5
Elmore	5	21.4	3	12.7	1	4.1	2	7.9	3	11.7
Franklin	-	-	2	19.0	2	18.5	2	18.0	-	-
Fremont	1	8.6	3	26.0	-	-	3	25.1	2	16.8
Gem	1	7.2	-	-	1	6.9	6	40.4	2	13.2
Gooding	1	7.8	1	7.5	2	14.7	2	14.6	1	7.3
Idaho	4	27.0	5	33.6	2	13.3	3	20.0	2	13.3
Jefferson	2	10.7	2	10.5	3	15.7	1	5.1	1	5.0
Jerome	3	17.7	3	17.3	1	5.7	2	11.1	3	16.6
Kootenai	16	17.4	8	8.4	19	19.2	16	15.8	15	14.3
Latah	3	9.1	4	12.2	8	24.1	3	9.2	2	6.2
Lemhi	2	25.0	-	-	1	12.4	4	49.7	2	25.1
Lewis	1	25.2	-	-	-	-	1	25.0	-	-
Lincoln	1	27.0	1	26.6	-	-	1	26.5	2	52.1
Madison	-	-	-	-	1	4.0	3	11.9	1	4.0
Minidoka	1	4.8	3	14.6	5	24.4	3	14.8	2	9.9
Nez Perce	11	30.2	9	24.6	6	16.3	11	29.9	8	21.7
Oneida	1	26.1	2	51.6	-	-	1	24.8	-	-
Owyhee	1	10.5	4	40.7	3	29.7	2	19.5	1	9.6
Payette	7	35.9	5	25.2	4	19.8	3	14.7	3	14.4
Power	2	24.7	3	36.8	1	12.2	-	-	1	11.9
Shoshone	5	35.6	4	28.6	2	14.3	3	21.6	1	7.3
Teton	1	20.8	-	-	-	-	2	36.4	2	35.0
Twin Falls	11	18.6	4	6.6	10	16.3	9	14.5	3	4.8
Valley	2	25.6	2	25.1	1	12.4	3	37.5	2	25.5
Washington	-	-	-	-	4	39.8	2	19.6	-	-

Rate: Number of deaths per 100,000 population.

Note: The reader is cautioned that rates based on small numbers (<20 events) are considered unstable; caution must be exercised when attempting to draw conclusions from small data bases. It is advised to show the number of deaths with the rate.

**Table 4 (continued)**  
**Idaho Resident Suicide Deaths**  
**Number and Crude Death Rate by District and County of Residence**  
**1995-2014**

RESIDENCE	2000		2001		2002		2003		2004	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
IDAHO	166	12.8	213	16.1	203	15.1	218	16.0	239	17.2
District 1	35	19.6	45	24.7	38	20.6	28	14.8	32	16.5
District 2	11	10.9	26	26.2	24	24.0	21	20.9	17	16.9
District 3	27	14.1	29	14.5	19	9.2	26	12.2	43	19.5
District 4	38	11.0	47	13.2	52	14.3	57	15.4	62	16.5
District 5	15	9.2	30	18.3	33	20.0	31	18.5	25	14.8
District 6	17	10.8	17	10.8	27	17.1	27	17.1	31	19.5
District 7	23	14.4	19	11.7	10	6.1	28	16.6	29	16.7
Ada	32	10.6	41	13.1	50	15.6	49	15.1	53	15.9
Adams	1	28.8	1	29.2	-	-	-	-	-	-
Bannock	5	6.6	10	13.3	15	19.8	10	13.2	15	19.8
Bear Lake	3	46.8	2	31.5	1	15.7	5	79.3	-	-
Benewah	1	10.9	5	55.6	2	22.2	1	11.1	-	-
Bingham	5	12.0	5	11.8	9	21.2	9	21.0	11	25.5
Blaine	-	-	4	20.2	3	14.7	6	28.9	4	19.0
Boise	1	15.0	-	-	-	-	1	13.8	-	-
Bonner	9	24.4	10	26.7	6	15.7	7	17.9	6	15.0
Bonneville	9	10.9	7	8.4	5	5.9	14	16.1	15	16.7
Boundary	6	60.8	1	10.1	4	39.7	4	39.3	2	19.2
Butte	1	34.5	-	-	-	-	1	34.8	1	35.2
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	19	14.5	21	15.0	11	7.6	18	11.9	30	19.0
Caribou	1	13.7	-	-	1	13.7	-	-	-	-
Cassia	1	4.7	2	9.3	7	32.2	6	27.8	2	9.3
Clark	-	-	1	103.0	-	-	-	-	-	-
Clearwater	-	-	1	11.7	3	35.5	2	23.8	-	-
Custer	1	23.0	2	46.6	-	-	-	-	2	48.6
Elmore	4	13.7	4	13.7	-	-	5	17.3	5	17.3
Franklin	1	8.8	-	-	-	-	1	8.4	1	8.2
Fremont	3	25.4	1	8.5	1	8.4	1	8.3	1	8.2
Gem	1	6.6	2	12.9	2	12.9	3	19.0	3	18.8
Gooding	-	-	3	21.1	4	28.0	3	20.9	2	13.9
Idaho	2	12.9	3	19.5	5	32.7	1	6.5	2	12.8
Jefferson	4	20.9	3	15.3	3	15.2	5	24.8	7	33.7
Jerome	3	16.4	1	5.4	6	32.1	3	15.9	2	10.4
Kootenai	15	13.8	26	23.2	24	21.1	13	11.1	21	17.2
Latah	-	-	9	26.1	6	17.0	4	11.4	5	14.2
Lemhi	3	38.4	2	26.3	1	13.1	4	51.7	1	12.8
Lewis	2	53.4	2	55.2	-	-	1	26.7	1	26.6
Lincoln	-	-	1	24.2	-	-	3	69.4	-	-
Madison	-	-	2	7.3	-	-	3	10.0	3	9.7
Minidoka	1	5.0	5	25.4	4	20.5	2	10.3	9	46.8
Nez Perce	7	18.7	11	29.7	10	26.9	13	34.5	9	23.8
Oneida	1	24.2	-	-	-	-	1	24.2	-	-
Owyhee	3	28.2	2	18.2	1	9.2	1	8.9	3	27.3
Payette	3	14.6	2	9.6	4	19.0	3	14.0	7	32.4
Power	-	-	-	-	1	13.6	-	-	3	40.1
Shoshone	4	29.0	3	22.3	2	15.3	3	23.1	3	23.4
Teton	3	50.0	1	15.6	-	-	1	14.2	-	-
Twin Falls	10	15.6	14	21.6	9	13.7	8	11.9	6	8.8
Valley	1	13.1	2	25.9	2	26.6	2	25.8	4	50.2
Washington	-	-	1	10.0	1	10.1	1	10.0	-	-

Rate: Number of deaths per 100,000 population.

Note: The reader is cautioned that rates based on small numbers (<20 events) are considered unstable; caution must be exercised when attempting to draw conclusions from small data bases. It is advised to show the number of deaths with the rate.

**Table 4 (continued)**  
**Idaho Resident Suicide Deaths**  
**Number and Crude Death Rate by District and County of Residence**  
**1995-2014**

RESIDENCE	2005		2006		2007		2008		2009	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
IDAHO	225	15.7	218	14.9	220	14.7	251	16.5	307	19.9
District 1	46	22.8	41	19.9	43	20.6	40	18.9	52	24.3
District 2	17	16.9	20	19.8	17	16.6	12	11.8	19	18.2
District 3	30	13.2	38	16.0	31	12.7	32	12.9	43	17.1
District 4	47	12.1	55	13.6	63	15.0	68	16.0	64	14.9
District 5	26	15.2	26	15.0	23	13.2	31	17.6	49	27.2
District 6	25	15.4	19	11.7	18	11.1	36	21.9	36	21.5
District 7	34	19.2	19	10.5	25	13.2	32	16.4	44	22.0
Ada	39	11.3	48	13.4	57	15.3	60	15.8	54	14.0
Adams	1	27.8	1	28.7	-	-	-	-	1	28.4
Bannock	10	12.8	4	5.1	9	11.3	17	21.0	22	26.7
Bear Lake	2	32.4	-	-	1	17.1	3	51.7	1	17.3
Benewah	1	10.8	1	10.7	2	21.6	1	10.7	3	32.4
Bingham	10	22.9	8	18.2	2	4.6	9	20.5	6	13.4
Blaine	5	23.6	1	4.7	3	13.9	3	13.8	5	22.4
Boise	2	26.5	1	13.1	2	26.4	2	26.7	3	40.3
Bonner	6	14.7	12	29.1	8	19.5	11	26.7	11	26.6
Bonneville	22	24.0	12	12.7	16	16.6	18	18.2	22	21.7
Boundary	3	28.3	3	27.7	4	36.8	1	9.1	4	36.5
Butte	-	-	1	36.0	-	-	1	36.4	-	-
Camas	-	-	-	-	1	90.7	-	-	2	180.3
Canyon	18	10.9	25	14.4	25	13.9	23	12.5	32	17.1
Caribou	2	28.0	2	28.6	3	43.7	2	29.3	-	-
Cassia	2	9.4	1	4.7	2	9.5	2	9.4	3	13.8
Clark	-	-	-	-	1	110.4	-	-	-	-
Clearwater	-	-	2	24.0	1	12.1	1	12.2	2	24.9
Custer	1	24.5	1	23.9	-	-	1	23.5	5	117.9
Elmore	3	10.5	5	17.8	3	10.4	5	17.2	6	20.8
Franklin	-	-	3	24.0	2	16.4	2	16.1	3	23.7
Fremont	3	24.5	1	8.1	-	-	3	23.9	3	23.6
Gem	5	30.7	3	18.1	-	-	3	18.2	4	24.3
Gooding	-	-	1	6.9	3	21.1	-	-	4	27.7
Idaho	2	12.7	2	12.7	3	19.6	1	6.5	5	32.3
Jefferson	4	18.5	2	8.9	3	13.1	1	4.2	6	24.2
Jerome	5	25.5	3	14.9	-	-	2	9.8	8	37.6
Kootenai	35	27.4	22	16.7	26	19.3	24	17.5	30	21.5
Latah	5	14.4	7	20.0	8	22.0	2	5.6	5	13.1
Lemhi	1	12.6	1	12.6	2	25.9	7	89.7	4	50.6
Lewis	2	53.3	-	-	-	-	1	27.8	-	-
Lincoln	-	-	-	-	3	66.7	-	-	2	43.1
Madison	1	3.2	1	3.2	3	8.2	1	2.7	1	2.6
Minidoka	2	10.5	4	21.0	2	10.8	7	37.5	1	5.2
Nez Perce	8	21.1	9	23.5	5	12.8	7	18.0	7	17.9
Oneida	-	-	-	-	1	24.4	-	-	2	47.4
Owyhee	3	27.1	1	9.0	1	9.2	3	27.6	1	8.9
Payette	1	4.5	6	26.6	4	17.6	2	8.7	5	21.6
Power	1	12.9	1	12.6	-	-	2	26.0	2	25.9
Shoshone	1	7.6	3	22.8	3	23.4	3	23.2	4	31.6
Teton	2	26.8	1	12.8	-	-	1	11.3	3	32.1
Twin Falls	12	17.3	16	22.4	9	12.3	17	22.9	24	31.9
Valley	3	36.0	1	11.3	1	11.2	1	11.3	1	11.5
Washington	2	19.8	2	19.6	1	9.9	1	9.8	-	-

Rate: Number of deaths per 100,000 population.

Note: The reader is cautioned that rates based on small numbers (<20 events) are considered unstable; caution must be exercised when attempting to draw conclusions from small data bases. It is advised to show the number of deaths with the rate.

**Table 4 (continued)**  
**Idaho Resident Suicide Deaths**  
**Number and Crude Death Rate by District and County of Residence**  
**1995-2014**

RESIDENCE	2010		2011		2012		2013		2014	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
IDAHO	290	18.5	284	17.9	299	18.7	308	19.1	320	19.6
District 1	53	25.0	45	21.0	43	20.0	41	18.8	53	23.9
District 2	19	18.0	21	19.8	28	26.3	18	16.9	33	30.8
District 3	35	13.8	51	19.9	43	16.6	56	21.3	35	13.1
District 4	66	15.1	67	15.1	79	17.5	77	16.8	85	18.1
District 5	39	21.0	34	18.2	32	17.1	41	21.7	42	22.0
District 6	35	20.7	29	17.0	34	20.1	44	26.1	36	21.3
District 7	43	21.0	37	17.9	40	19.3	31	14.9	36	17.2
Ada	56	14.3	62	15.5	71	17.4	62	14.9	77	18.1
Adams	2	50.3	-	-	-	-	1	26.1	1	25.9
Bannock	22	26.6	16	19.1	19	22.7	22	26.4	22	26.4
Bear Lake	-	-	-	-	4	67.7	2	33.7	1	16.8
Benewah	1	10.8	2	21.7	2	21.9	1	11.1	3	32.9
Bingham	9	19.7	7	15.2	5	11.0	11	24.3	6	13.3
Blaine	7	32.7	3	14.2	2	9.5	6	28.1	7	32.6
Boise	1	14.2	-	-	4	58.5	4	58.9	3	44.0
Bonner	11	26.9	9	22.1	8	19.8	7	17.2	7	16.8
Bonneville	21	20.1	22	20.8	25	23.4	15	14.0	18	16.6
Boundary	4	36.5	3	27.8	5	46.3	1	9.2	3	27.3
Butte	2	69.2	1	35.4	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	28	14.8	37	19.3	30	15.5	43	21.6	30	14.8
Caribou	-	-	3	43.8	3	44.2	3	44.1	2	29.3
Cassia	1	4.4	6	25.9	2	8.6	6	25.7	4	17.0
Clark	2	203.7	-	-	-	-	2	230.7	-	-
Clearwater	2	22.8	2	23.0	3	34.9	1	11.7	4	46.7
Custer	2	45.8	1	23.1	1	23.1	3	70.6	4	96.6
Elmore	6	22.2	3	11.4	3	11.4	10	38.2	5	19.2
Franklin	1	7.8	2	15.6	2	15.6	4	31.1	4	30.7
Fremont	3	22.7	-	-	3	23.2	2	15.5	1	7.8
Gem	1	6.0	5	30.0	4	24.0	2	12.0	-	-
Gooding	2	12.9	3	19.4	5	32.7	1	6.6	3	19.9
Idaho	3	18.4	3	18.2	2	12.3	3	18.6	5	30.8
Jefferson	6	23.0	7	26.6	2	7.5	3	11.1	6	22.2
Jerome	8	35.8	5	22.0	6	26.7	4	17.8	6	26.3
Kootenai	31	22.4	28	19.8	25	17.6	26	18.0	33	22.4
Latah	4	10.7	3	8.0	5	13.1	6	15.8	7	18.2
Lemhi	2	25.2	1	12.6	5	64.4	2	25.9	2	25.9
Lewis	-	-	1	26.2	3	77.1	1	25.6	-	-
Lincoln	2	38.4	-	-	1	19.0	1	18.8	-	-
Madison	-	-	3	7.9	3	8.0	3	8.0	3	7.9
Minidoka	4	19.9	1	5.0	3	15.0	3	14.8	2	9.8
Nez Perce	10	25.5	12	30.3	15	37.9	7	17.5	17	42.5
Oneida	1	23.3	-	-	1	23.7	-	-	-	-
Owyhee	-	-	2	17.5	3	26.2	2	17.4	-	-
Payette	2	8.8	4	17.7	3	13.3	5	22.1	4	17.5
Power	-	-	-	-	-	-	2	25.9	1	13.1
Shoshone	6	47.0	3	23.7	3	23.6	6	47.3	7	56.5
Teton	7	68.8	3	29.5	1	9.9	1	9.7	2	19.3
Twin Falls	15	19.4	16	20.5	13	16.5	20	25.0	20	24.7
Valley	3	30.4	2	20.8	1	10.5	1	10.4	-	-
Washington	2	19.6	3	29.3	3	29.7	3	30.2	-	-

Rate: Number of deaths per 100,000 population.

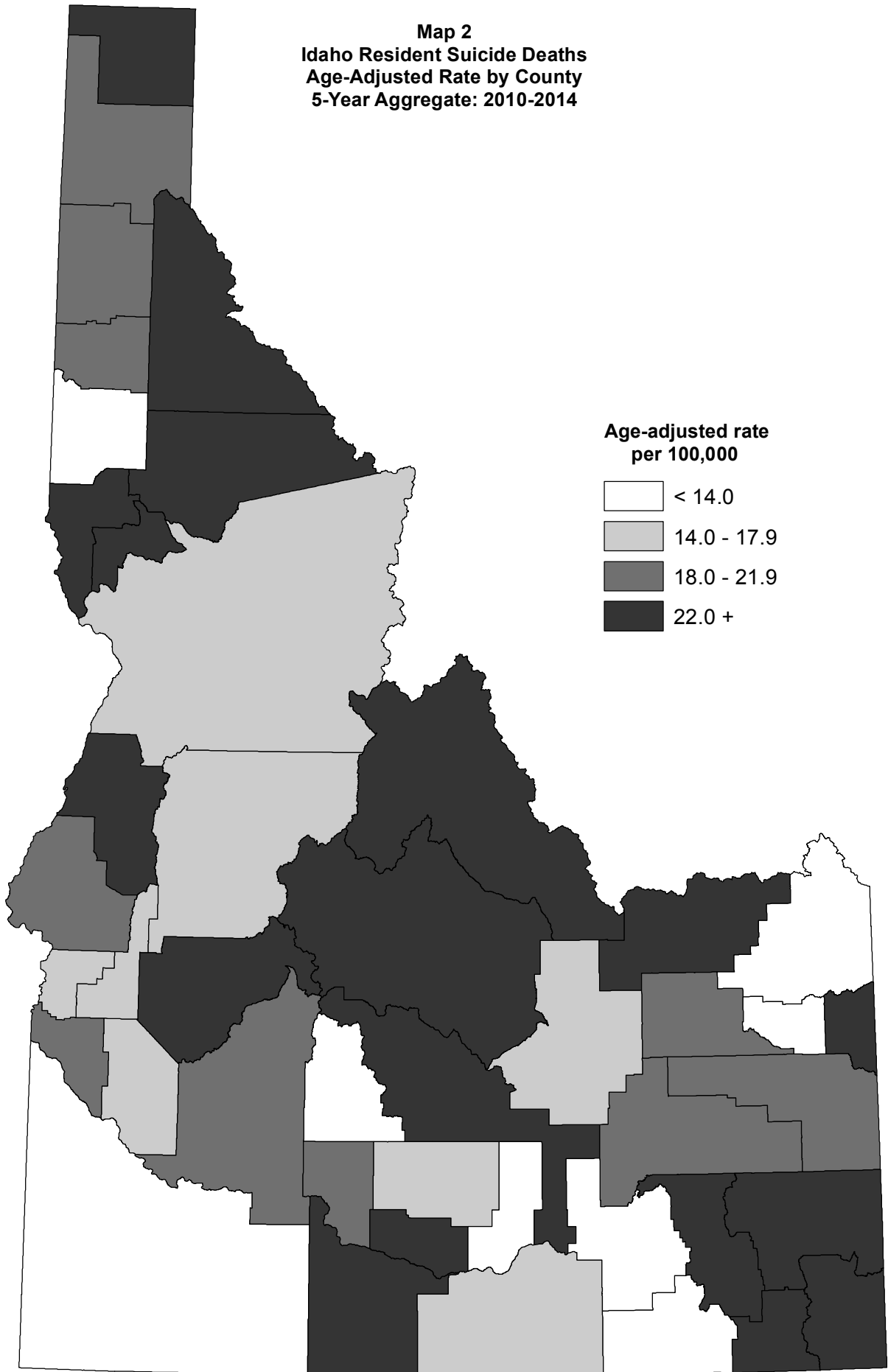
Note: The reader is cautioned that rates based on small numbers (<20 events) are considered unstable; caution must be exercised when attempting to draw conclusions from small data bases.

**Table 5**  
**Idaho Resident Suicide Deaths**  
**Number, Age-Adjusted, and Crude Rate by District and County of Residence**  
**Five-Year Aggregate: 2010-2014**

		Number	Age-Adjusted Death Rate	Crude Death Rate
IDAHO		1,501	19.1	18.8
District 1	TOTAL	235	20.5	21.7
	Benewah	9	20.5	19.7
	Bonner	42	19.2	20.5
	Boundary	16	30.2	29.4
	Kootenai	143	18.9	20.0
	Shoshone	25	38.1	39.5
District 2	TOTAL	119	21.0	22.4
	Clearwater	12	24.6	27.8
	Idaho	16	17.7	19.7
	Latah	25	12.9	13.2
	Lewis	5	27.4	25.9
	Nez Perce	61	28.9	30.8
District 3	TOTAL	220	18.1	16.9
	Adams	4	23.3	20.5
	Canyon	168	18.8	17.2
	Gem	12	14.4	14.4
	Owyhee	7	13.3	12.2
	Payette	18	16.5	15.9
Washington	11	21.4	21.8	
District 4	TOTAL	374	16.4	16.5
	Ada	328	15.8	16.0
	Boise	12	40.1	34.8
	Elmore	27	20.9	20.5
	Valley	7	17.9	14.4
District 5	TOTAL	188	20.7	20.0
	Blaine	25	23.2	23.5
	Camas	-	-	0.0
	Cassia	19	16.3	16.3
	Gooding	14	18.1	18.3
	Jerome	29	27.8	25.7
	Lincoln	4	14.0	15.2
	Minidoka	13	13.7	12.9
Twin Falls	84	22.2	21.3	
District 6	TOTAL	178	22.3	21.0
	Bannock	101	25.3	24.2
	Bear Lake	7	23.3	23.5
	Bingham	38	18.3	16.7
	Butte	3	16.9	21.9
	Caribou	11	34.1	32.1
	Franklin	13	22.3	20.2
	Oneida	2	6.3	9.4
Power	3	7.4	7.8	
District 7	TOTAL	187	19.2	18.1
	Bonneville	101	20.5	19.0
	Clark	4	101.5	88.2
	Custer	11	52.0	51.4
	Fremont	9	13.7	13.8
	Jefferson	24	19.5	18.0
	Lemhi	12	22.1	30.7
	Madison	12	8.6	6.4
Teton	14	28.7	27.4	

Rate: Number of deaths per 100,000 population.

**Map 2**  
**Idaho Resident Suicide Deaths**  
**Age-Adjusted Rate by County**  
**5-Year Aggregate: 2010-2014**





**Table 6**  
**Idaho Resident Suicide Deaths**  
**District and County of Residence by Age Group**  
**Five-Year Aggregate: 2010-2014**

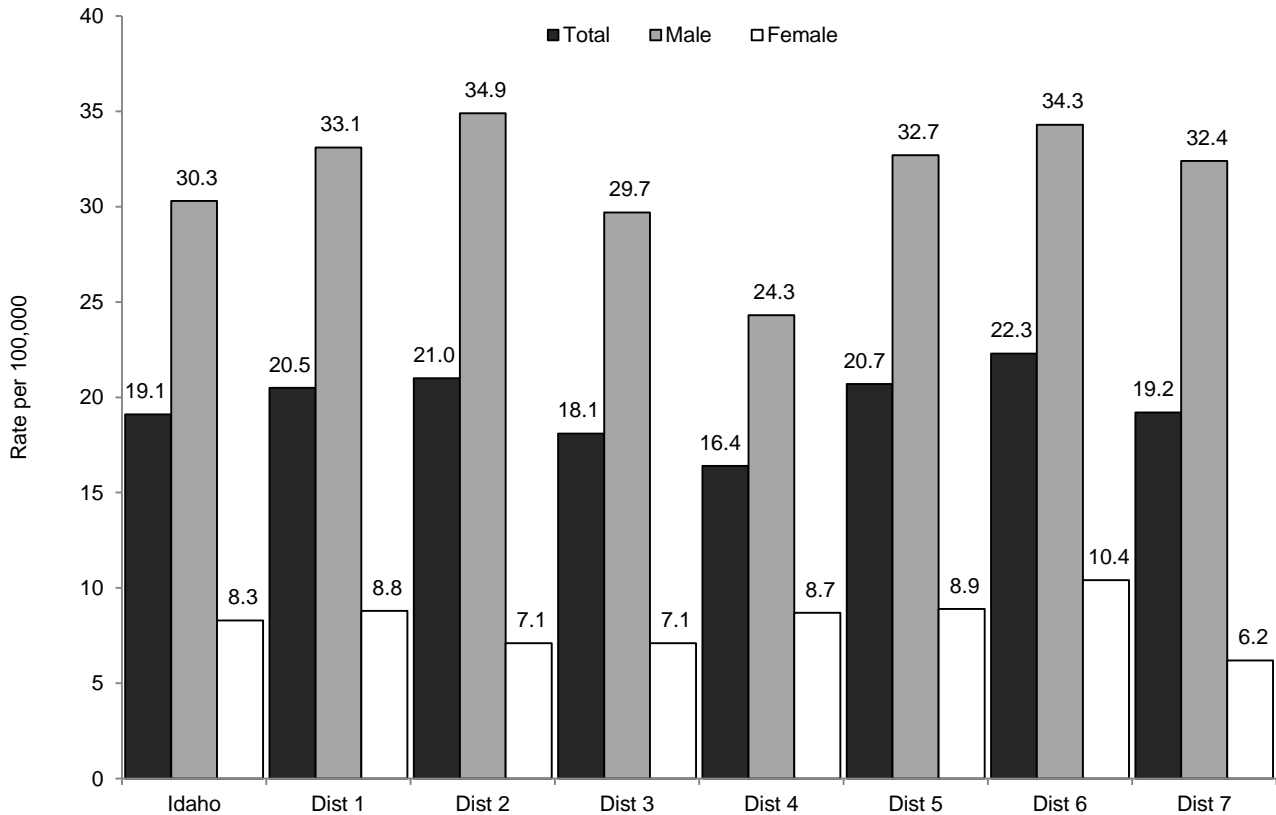
RESIDENCE	TOTAL	AGE GROUP											
		AGE <25				25-34	35-44	45-54	55-64	65-74	75-84	85+	
		Total	<15	15-17	18-19								20-24
IDAHO	1,501	251	20	56	50	125	212	255	303	248	117	69	46
District 1	235	30	2	5	12	11	24	30	51	52	20	18	10
District 2	119	21	2	4	4	11	10	14	25	25	10	9	5
District 3	220	42	2	7	11	22	30	46	48	25	12	11	6
District 4	374	55	5	13	12	25	59	68	83	63	26	9	11
District 5	188	30	3	7	6	14	24	35	28	29	25	11	6
District 6	178	31	3	9	2	17	34	30	36	25	15	5	2
District 7	187	42	3	11	3	25	31	32	32	29	9	6	6
Ada	328	47	5	10	12	20	51	58	74	60	21	9	8
Adams	4	-	-	-	-	-	1	1	-	-	1	1	-
Bannock	101	12	1	2	1	8	23	20	18	17	9	2	-
Bear Lake	7	2	-	-	-	2	-	1	1	1	1	-	1
Benewah	9	3	-	-	1	2	1	1	1	3	-	-	-
Bingham	38	10	2	4	1	3	8	6	9	2	3	-	-
Blaine	25	4	-	-	2	2	2	6	3	4	5	1	-
Boise	12	1	-	-	-	1	1	4	2	1	2	-	1
Bonner	42	5	-	1	1	3	3	6	7	9	5	6	1
Bonneville	101	24	-	3	1	20	18	17	22	14	2	4	-
Boundary	16	2	-	-	1	1	1	4	4	4	1	-	-
Butte	3	-	-	-	-	-	-	-	1	1	-	1	-
Camas	-	-	-	-	-	-	-	-	-	-	-	-	-
Canyon	168	27	1	3	9	14	27	37	39	18	8	8	4
Caribou	11	2	-	-	-	2	2	1	3	2	-	1	-
Cassia	19	5	1	2	1	1	3	1	2	2	3	-	3
Clark	4	-	-	-	-	-	1	2	-	-	1	-	-
Clearwater	12	2	-	1	1	-	1	1	2	3	2	-	1
Custer	11	-	-	-	-	-	2	3	1	2	1	1	1
Elmore	27	6	-	2	-	4	6	4	5	2	3	-	1
Franklin	13	5	-	3	-	2	1	2	2	-	1	1	1
Fremont	9	4	-	2	1	1	-	1	1	3	-	-	-
Gem	12	6	-	3	1	2	-	1	1	3	1	-	-
Gooding	14	2	-	-	-	2	1	1	4	2	2	2	-
Idaho	16	2	-	-	1	1	1	2	2	4	2	2	1
Jefferson	24	3	-	-	-	3	6	4	2	6	2	-	1
Jerome	29	6	1	2	-	3	4	5	6	3	3	1	1
Kootenai	143	17	1	4	7	5	15	15	38	30	13	8	7
Latah	25	8	-	1	1	6	1	2	8	4	-	2	-
Lemhi	12	-	-	-	-	-	-	1	3	1	3	1	3
Lewis	5	1	-	-	-	1	1	-	2	1	-	-	-
Lincoln	4	-	-	-	-	-	1	-	1	2	-	-	-
Madison	12	5	2	3	-	-	2	2	2	-	-	-	1
Minidoka	13	2	1	1	-	-	2	3	1	3	1	1	-
Nez Perce	61	8	2	2	1	3	6	9	11	13	6	5	3
Oneyda	2	-	-	-	-	-	-	-	-	1	1	-	-
Owyhee	7	1	-	1	-	-	-	3	1	1	1	-	-
Payette	18	6	1	-	-	5	2	1	6	1	-	1	1
Power	3	-	-	-	-	-	-	-	2	1	-	-	-
Shoshone	25	3	1	-	2	-	4	4	1	6	1	4	2
Teton	14	6	1	3	1	1	2	2	1	3	-	-	-
Twin Falls	84	11	-	2	3	6	11	19	11	13	11	6	2
Valley	7	1	-	1	-	-	1	2	2	-	-	-	1
Washington	11	2	-	-	1	1	-	3	1	2	1	1	1

**Table 7**  
**Idaho Resident Suicide Deaths**  
**Number and Age-Adjusted Rate by Gender and District of Residence**  
**Five-Year Aggregate: 2010-2014**

Gender		TOTAL	DISTRICT OF RESIDENCE						
			1	2	3	4	5	6	7
Total	Total	1,501	235	119	220	374	188	178	187
	Age-Adjusted Rate	19.1	20.5	21.0	18.1	16.4	20.7	22.3	19.2
Male	Total, Males	1,178	183	101	177	274	148	139	156
	Age-Adjusted Rate	30.3	33.1	34.9	29.7	24.3	32.7	34.3	32.4
Female	Total, Females	323	52	18	43	100	40	39	31
	Age-Adjusted Rate	8.3	8.8	7.1	7.1	8.7	8.9	10.4	6.2

Rate: Number of deaths per 100,000 population. Rates for males and females are per 100,000 males and females, respectively.

**Chart 4**  
**Idaho Resident Suicide Deaths**  
**Age-Adjusted Rate by Gender and District of Residence**  
**Five-Year Aggregate: 2010-2014**



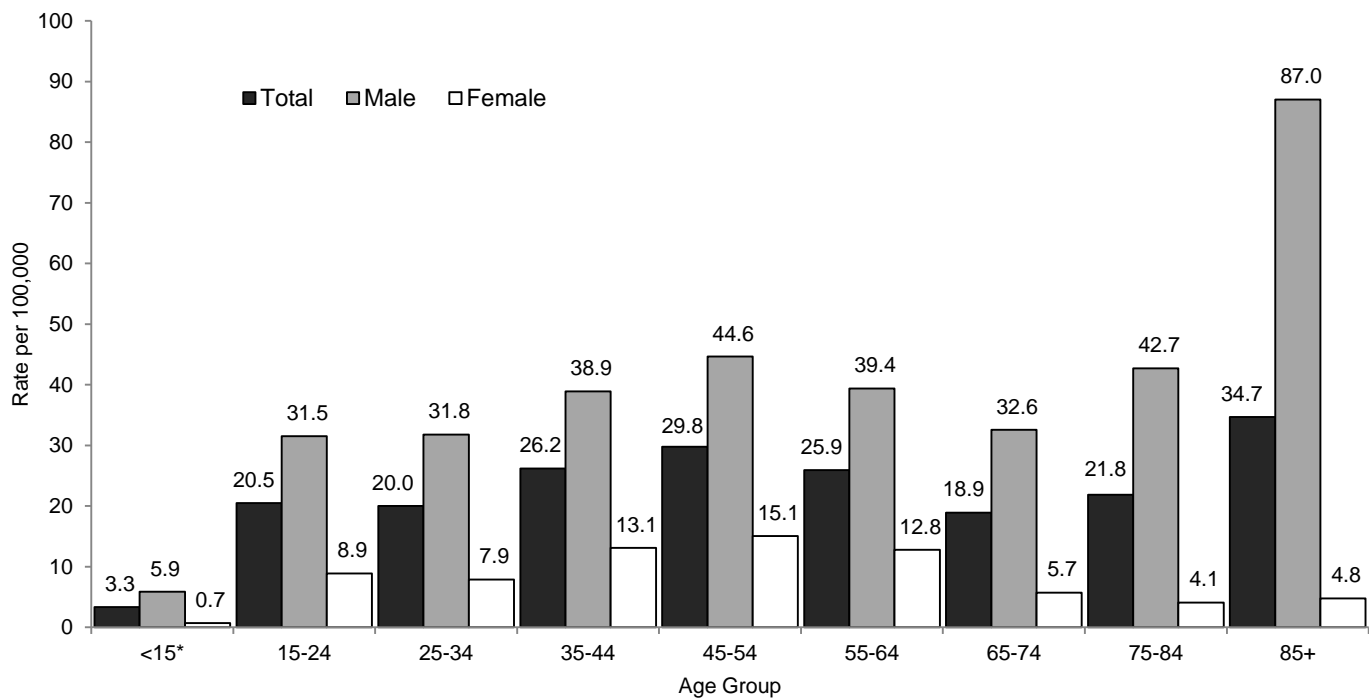
Rate: Number of deaths per 100,000 population. Rates for males and females are per 100,000 males and females, respectively.

**Table 8**  
**Idaho Resident Suicide Deaths**  
**Number, Age-Adjusted Rate, and Age-Specific Rate by Gender**  
**Five-Year Aggregate: 2010-2014**

AGE GROUP	TOTAL		MALE		FEMALE	
	Number	Age-Adjusted Rate and Age-Specific Rates	Number	Age-Adjusted Rate and Age-Specific Rates	Number	Age-Adjusted Rate and Age-Specific Rates
Total	1,501	19.1	1,178	30.3	323	8.3
<15*	20	3.3	18	5.9	2	0.7
15-24	231	20.5	182	31.5	49	8.9
25-34	212	20.0	171	31.8	41	7.9
35-44	255	26.2	192	38.9	63	13.1
45-54	303	29.8	226	44.6	77	15.1
55-64	248	25.9	186	39.4	62	12.8
65-74	117	18.9	99	32.6	18	5.7
75-84	69	21.8	62	42.7	7	4.1
85+	46	34.7	42	87.0	4	4.8

Note: The reader is cautioned that rates based on small numbers (<20 events) are considered unstable; cautioned must be exercised when attempting to draw conclusions from small data bases. It is advised to show the number of deaths with the rate.

**Chart 5**  
**Idaho Resident Suicide Deaths**  
**Age-Specific Rate by Age Group and Gender**  
**Five-Year Aggregate: 2010-2014**



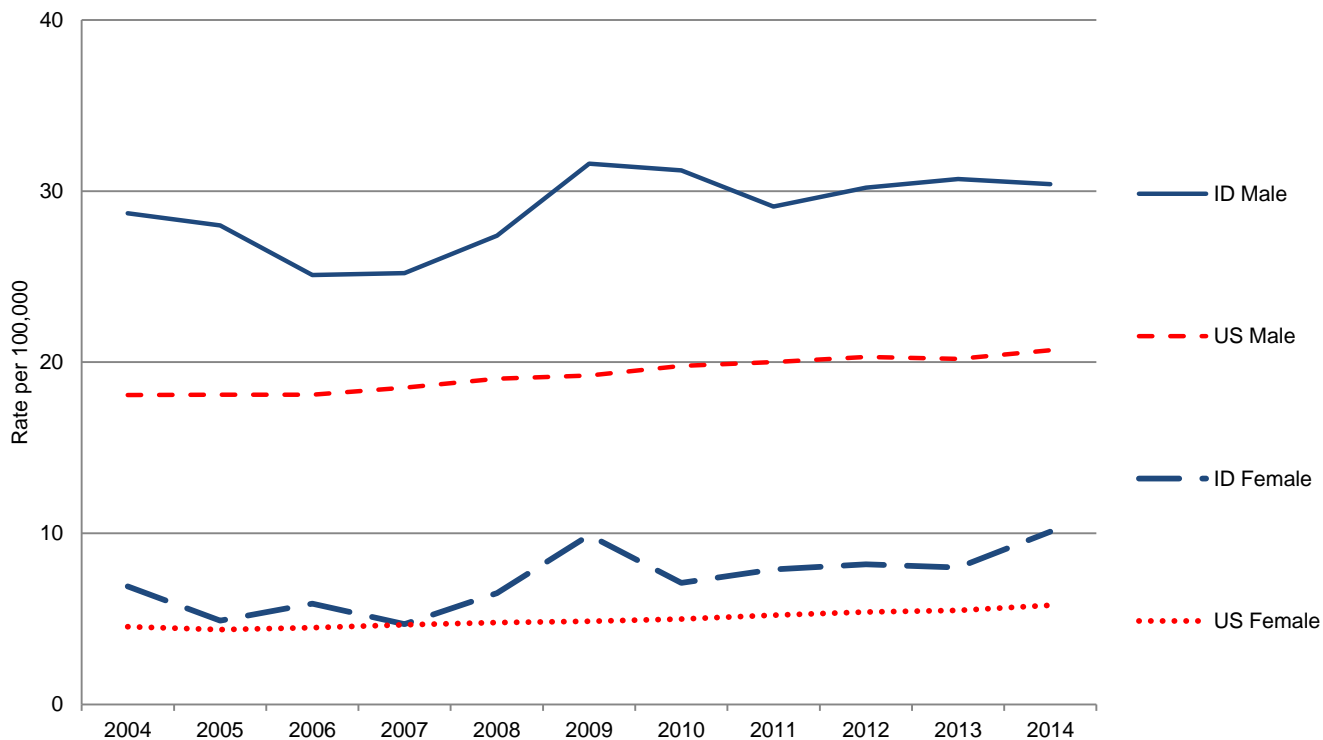
Rate: Number of deaths per 100,000 population. Rates for men and women are per 100,000 within specified gender and age groups.

\*Rates for <15 are based on persons aged <15 for deaths and aged 10-14 for population.

**Table 9**  
**Idaho and U.S. Resident Suicide Deaths**  
**Number, Crude Rate, and Age-Adjusted Rate by Gender and Year**  
**2004-2014**

Year	MALES						FEMALES					
	Idaho			U.S.			Idaho			U.S.		
	Deaths	Crude Rate	Age-Adjusted Rate	Deaths	Crude Rate	Age-Adjusted Rate	Deaths	Crude Rate	Age-Adjusted Rate	Deaths	Crude Rate	Age-Adjusted Rate
2004	192	27.5	28.7	25,566	17.8	18.1	47	6.8	6.9	6,873	4.6	4.5
2005	190	26.5	28.0	25,907	17.8	18.1	35	4.9	4.9	6,730	4.5	4.4
2006	177	24.0	25.1	26,308	17.9	18.1	41	5.6	5.9	6,992	4.6	4.5
2007	186	24.7	25.2	27,269	18.4	18.5	34	4.6	4.7	7,329	4.8	4.7
2008	203	26.5	27.4	28,450	19.0	19.0	48	6.3	6.5	7,585	4.9	4.8
2009	235	30.3	31.6	29,089	19.3	19.2	72	9.4	9.9	7,820	5.0	4.9
2010	237	30.2	31.2	30,277	20.0	19.8	53	6.8	7.1	8,087	5.2	5.0
2011	222	28.0	29.1	31,003	20.2	20.0	62	7.8	7.9	8,515	5.4	5.2
2012	235	29.4	30.2	31,780	20.6	20.3	64	8.0	8.2	8,820	5.5	5.4
2013	244	30.2	30.7	32,055	20.6	20.2	64	7.9	8.0	9,094	5.7	5.5
2014	240	29.3	30.4	33,113	21.1	20.7	80	9.8	10.1	9,660	6.0	5.8

**Chart 6**  
**Idaho and U.S. Resident Suicide Deaths**  
**Age-Adjusted Rate by Gender**  
**2004-2014**



Crude rate: Number of deaths per 100,000 population by gender.

Age-adjusted rate: Number of deaths per 100,000 population age-adjusted to the U.S. 2000 Standard population.

U.S. data Source: NCHS Vital Statistics System for numbers of deaths. Bureau of Census for population estimates.

**Table 10**  
**Idaho Resident Suicide Deaths Among Men**  
**Youth, Young Adults, Working-Age, and Senior**  
**Five-Year Aggregate: 2010-2014**

	AGE GROUP							
	10-17		18-24		25-64		65+	
	Number	Rate or Percent	Number	Rate or Percent	Number	Rate or Percent	Number	Rate or Percent
Total Deaths	163		448		8,403		21,609	
Suicide Deaths	62		138		775		203	
All Other Causes of Death	101		310		7,628		21,406	
Percentage All Deaths From Suicide		38.0%		30.8%		9.2%		0.9%
Suicide Rate Per 100,000 population		12.7		34.7		38.6		40.8
Suicide Rank for Leading Cause of Death	1st (tied)		2nd		4th		13th	
District of Residence								
District 1	6	9.9	17	38.7	117	42.4	43	48.8
District 2	5	19.8	13	31.4	59	44.9	24	55.5
District 3	6	6.9	27	45.4	117	37.8	27	33.6
District 4	15	11.3	28	26.6	195	31.8	36	29.8
District 5	9	15.3	16	37.6	88	37.9	35	57.5
District 6	10	18.0	16	37.6	94	46.2	19	37.6
District 7	11	16.6	21	33.7	105	42.9	19	35.6
Ever in the U.S. Armed Forces								
Number and Percentage of Suicide Deaths to Males who were ever in the U.S. Armed Forces	-	0.0%	16	11.6%	166	21.4%	131	64.5%
Number and Percentage of Non-Suicide Deaths to Males who were ever in the U.S. Armed Forces	-	0.0%	12	3.9%	2,042	26.8%	14,305	66.8%
Mechanism of Suicide								
Firearm	40	64.5%	86	62.3%	493	63.6%	177	87.2%
Poisoning	1	1.6%	4	2.9%	113	14.6%	13	6.4%
Hanging, strangulation, & suffocation	21	33.9%	41	29.7%	138	17.8%	8	3.9%
Jumping from high place	-	0.0%	4	2.9%	4	0.5%	1	0.5%
Drowning	-	0.0%	1	0.7%	4	0.5%	3	1.5%
Cutting (sharp object)	-	0.0%	-	0.0%	12	1.5%	1	0.5%
All other means	-	0.0%	2	1.4%	11	1.4%	-	0.0%

Rate: Number of deaths per 100,000 males in the corresponding group. For the age group 10-17, total number of deaths is based 10-17 years, population is based on 10-17 years, and number of suicide deaths is based on < 18 years. From 2010-2014, there were two suicide deaths among males aged under 10 included in the number of suicides aged 10-17.

Note: The reader is cautioned that rates based on small numbers (<20 events) are considered unstable; caution must be exercised when attempting to draw conclusions from small data bases. It is advised to show the number of deaths with the rate.

**Table 11**  
**Idaho Resident Suicide Deaths Among Women**  
**Youth, Young Adults, Working-Age, and Senior**  
**Five-Year Aggregate: 2010-2014**

	AGE GROUP							
	10-17		18-24		25-64		65+	
	Number	Rate or Percent	Number	Rate or Percent	Number	Rate or Percent	Number	Rate or Percent
Total Deaths	84		214		5,215		23,499	
Suicide Deaths	14		37		243		29	
All Other Causes of Death	70		177		4,972		23,470	
Percentage All Deaths From Suicide		16.7%		17.3%		4.7%		0.1%
Suicide Rate Per 100,000 population		3.0		9.7		12.2		5.1
Suicide Rank for Leading Cause of Death	2nd		2nd		5th		22nd	
District of Residence								
District 1	1	1.7	6	14.7	40	14.0	5	5.2
District 2	1	4.4	2	5.6	15	11.9	-	-
District 3	3	3.6	6	10.4	32	10.1	2	2.2
District 4	3	2.4	9	9.2	78	13.0	10	6.9
District 5	1	1.8	4	10.1	28	12.3	7	10.0
District 6	2	3.9	3	7.3	31	15.3	3	5.2
District 7	3	4.8	7	10.1	19	8.1	2	3.3
Ever in the U.S. Armed Forces								
Number and Percentage of Suicide Deaths to Females who were ever in the U.S. Armed Forces	-	0.0%	-	0.0%	10	4.1%	-	0.0%
Number and Percentage of Non-Suicide Deaths to Females who were ever in the U.S. Armed Forces	-	0.0%	-	0.0%	112	2.3%	447	1.9%
Mechanism of Suicide								
Firearm	4	28.6%	11	29.7%	83	34.2%	13	44.8%
Poisoning	3	21.4%	4	10.8%	99	40.7%	11	37.9%
Hanging, strangulation, & suffocation	6	42.9%	16	43.2%	45	18.5%	3	10.3%
Jumping from high place	-	0.0%	1	2.7%	4	1.6%	-	0.0%
Drowning	1	7.1%	3	8.1%	2	0.8%	2	6.9%
Cutting (sharp object)	-	0.0%	-	0.0%	2	0.8%	-	0.0%
All other means	-	0.0%	2	5.4%	8	3.3%	-	0.0%

Rate: Number of deaths per 100,000 females in the corresponding group. For the age group 10-17, total number of deaths is based 10-17 years, population is based on 10-17 years, and number of suicide deaths is based on < 18 years.

Note: The reader is cautioned that rates based on small numbers (<20 events) are considered unstable; caution must be exercised when attempting to draw conclusions from small data bases. It is advised to show the number of deaths with the rate.

**Table 12**  
**Idaho Resident Suicide Deaths**  
**Number of Deaths and Age-Adjusted Rate by Race and Ethnicity\* and Gender**  
**Five-Year Aggregate: 2010-2014**

RACE AND ETHNICITY	TOTAL		GENDER			
	Number	Age-Adjusted Rate	MALE		FEMALE	
			Number	Age-Adjusted Rate	Number	Age-Adjusted Rate
TOTAL	1,501	19.1	1,178	30.3	323	8.3
Non-Hispanic	1,437	20.3	1,130	32.4	307	8.7
Non-Hispanic White	1,403	20.7	1,107	33.1	296	8.8
Non-Hispanic Black	4	7.7	4	12.3	-	-
Non-Hispanic American Indian/Alaska Native	22	20.8	13	24.5	9	17.2
Non-Hispanic Asian/Pacific Islander	7	5.3	5	8.0	2	2.7
Hispanic	63	7.3	47	10.5	16	3.8

Note: The reader is cautioned that rates based on small numbers (<20 events) are considered unstable; caution must be exercised when attempting to draw conclusions from small data bases. It is advised to show the number of deaths with the rate. Rate: Number of deaths per 100,000 population. Rates for men and women are per 100,000 within specified gender.

**Table 13**  
**Idaho Resident Suicide Deaths**  
**Number of Deaths by Race and Ethnicity\* and Age Group**  
**Five-Year Aggregate: 2010-2014**

RACE AND ETHNICITY	AGE GROUP											
	AGE <25					25-34	35-44	45-54	55-64	65-74	75-84	85+
	Total < 25	<15	15-17	18-19	20-24							
TOTAL	251	20	56	50	125	212	255	303	248	117	69	46
Non-Hispanic	225	20	51	44	110	198	246	293	246	114	69	46
Non-Hispanic White	216	19	49	42	106	190	241	285	243	113	69	46
Non-Hispanic Black	1	-	-	1	-	-	1	2	-	-	-	-
Non-Hispanic American Indian/Alaska Native	6	-	2	1	3	7	2	5	1	1	-	-
Non-Hispanic Asian/Pacific Islander	2	1	-	-	1	1	2	1	1	-	-	-
Hispanic	26	-	5	6	15	14	8	10	2	3	-	-

\*Data based on records where race and ethnicity are known. From 2010-2014 there were two records with either race or ethnicity not stated or race was "multiple" race or "other race". These deaths are included in the total and in the total for males in table 12, and in the totals for the 35-44 and 55-64 age groups in table 13.

**Table 14**  
**Idaho Resident Deaths**  
**Total Deaths and Suicide Deaths, Percentage, Mean Age, and Rank For Leading Cause of Death**  
**Race and Ethnicity, Gender, District of Residence, and Age Group**  
**Five-Year Aggregate: 2010-2014**

RACE AND ETHNICITY	TOTAL DEATHS	SUICIDE DEATHS			
		Number	Percent of Total Deaths	Mean Age At Death	Rank for Leading Cause of Death
TOTAL	60,430	1,501	2.5	45.6	
<b>RACE AND ETHNICITY*</b>					
Non-Hispanic	58,574	1,437	2.5	46.2	8th
Non-Hispanic White	57,321	1,403	2.4	46.4	8th
Non-Hispanic Black	162	4	2.5	38.5	11th (tie)
Non-Hispanic American Indian/Alaska Native	670	22	3.3	35.0	8th
Non-Hispanic Asian/Pacific Islander	392	7	1.8	33.6	10th
Hispanic	1,751	63	3.6	32.7	6th
<b>GENDER</b>					
Male	31,093	1,178	3.8	45.9	6th
Female	29,337	323	1.1	44.4	12th
<b>DISTRICT OF RESIDENCE</b>					
District 1	10,172	235	2.3	50.3	8th
District 2	5,255	119	2.3	49.2	8th
District 3	9,737	220	2.3	43.6	8th
District 4	14,213	374	2.6	44.9	7th
District 5	7,663	188	2.5	47.3	8th
District 6	6,789	178	2.6	43.0	7th
District 7	6,601	187	2.8	42.1	8th
<b>AGE GROUP</b>					
10-14**	97	20	20.6	NA	2nd
15-24	812	231	28.4	NA	2nd
25-34	1,000	212	21.2	NA	2nd
35-44	1,616	255	15.8	NA	2nd
45-54	3,713	303	8.2	NA	4th
55-64	7,289	248	3.4	NA	7th
65-74	10,576	117	1.1	NA	10th
75-84	14,826	69	0.5	NA	16th
85+	19,706	46	0.2	NA	16th

NA: Not applicable.

\*Total deaths and total non-Hispanic deaths includes 17 deaths with "other race", 7 deaths with "multiple race", and 5 deaths with race not known. Total deaths includes 105 deaths with ethnicity not known. Total male deaths includes one death with race unknown and 6 deaths with "other race" for suicide deaths among non-Hispanics.

\*\*Numbers for age 10-14 include 2 suicide deaths under the age 10 and is included in the table for number of suicide deaths.



**Table 15**  
**Idaho Resident Suicide Deaths**  
**Mechanism of Injury by Gender and Age Group**  
**Five-Year Aggregate: 2010-2014**

MECHANISM	TOTAL	GENDER		AGE GROUP								
		Male	Female	Age < 25				25-44	45-64	65-84	85+	
				Total	<15	15-17	18-19					20-24
TOTAL	1,501	1,178	323	251	20	56	50	125	467	551	186	46
Firearm	907	796	111	141	12	32	21	76	255	321	148	42
Poisoning	248	131	117	12	-	4	3	5	95	117	22	2
Hanging, strangulation, and suffocation	278	208	70	84	8	19	21	36	99	84	9	2
Jumping from high place	14	9	5	5	-	-	1	4	5	3	1	-
Drowning	16	8	8	5	-	1	3	1	1	5	5	-
Cutting (Sharp object)	15	13	2	-	-	-	-	-	6	8	1	-
All other means	23	13	10	4	-	-	1	3	6	13	-	-

**Table 16**  
**Idaho Resident Suicide Deaths**  
**Percentage by Mechanism of Injury by Gender and Age Group**  
**Five-Year Aggregate: 2010-2014**

MECHANISM	TOTAL	GENDER		AGE GROUP								
		Male	Female	Age < 25				25-44	45-64	65-84	85+	
				Total	<15	15-17	18-19					20-24
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Firearm	60.4	67.6	34.4	56.2	60.0	57.1	42.0	60.8	54.6	58.3	79.6	91.3
Poisoning	16.5	11.1	36.2	4.8	-	7.1	6.0	4.0	20.3	21.2	11.8	4.3
Hanging, strangulation, and suffocation	18.5	17.7	21.7	33.5	40.0	33.9	42.0	28.8	21.2	15.2	4.8	4.3
Jumping from high place	0.9	0.8	1.5	2.0	-	-	2.0	3.2	1.1	0.5	0.5	-
Drowning	1.1	0.7	2.5	2.0	-	1.8	6.0	0.8	0.2	0.9	2.7	-
Cutting (Sharp object)	1.0	1.1	0.6	-	-	-	-	-	1.3	1.5	0.5	-
All other means	1.5	1.1	3.1	1.6	-	-	2.0	2.4	1.3	2.4	-	-

**Table 17**  
**Idaho Resident Suicide Deaths**  
**Number and Percentage by Mechanism of Injury and Year of Death**  
**Five-Year Aggregate: 2010-2014**

MECHANISM	TOTAL		2010		2011		2012		2013		2014	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TOTAL	1,501	100.0	290	100.0	284	100.0	299	100.0	308	100.0	320	100.0
Firearm	907	60.4	182	62.8	166	58.5	177	59.2	200	64.9	182	56.9
Poisoning	248	16.5	43	14.8	55	19.4	42	14.0	54	17.5	54	16.9
Hanging, strangulation, and suffocation	278	18.5	55	19.0	48	16.9	67	22.4	38	12.3	70	21.9
Jumping from high place	14	0.9	-	-	3	1.1	4	1.3	4	1.3	3	0.9
Drowning	16	1.1	4	1.4	2	0.7	7	2.3	2	0.6	1	0.3
Cutting (Sharp object)	15	1.0	3	1.0	3	1.1	-	-	2	0.6	7	2.2
All other means	23	1.5	3	1.0	7	2.5	2	0.7	8	2.6	3	0.9

**Table 18**  
**Idaho Resident Suicide Deaths**  
**Number, Rate, and Percentage by Mechanism of Injury and Gender**  
**Five-Year Aggregate: 2010-2014**

ICD-10 CODE AND MECHANISM	NUMBER			GENDER SPECIFIC RATE			PERCENT		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>TOTAL</b>	<b>1,501</b>	<b>1,178</b>	<b>323</b>	<b>18.8</b>	<b>29.4</b>	<b>8.1</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>
<b>(X60-X69) POISONING</b>	<b>248</b>	<b>131</b>	<b>117</b>	<b>3.1</b>	<b>3.3</b>	<b>2.9</b>	<b>16.5%</b>	<b>11.1%</b>	<b>36.2%</b>
(X60) Suicide by and exposure to nonopioid analgesics, antipyretics, and antirheumatics	4	-	4	0.1	-	0.1	0.3%	-	1.2%
(X61) Suicide by and exposure to antiepileptic, sedative-hypnotic, antiparkinsonism, and psychotropic drugs, not elsewhere classified	38	18	20	0.5	0.4	0.5	2.5%	1.5%	6.2%
(X62) Suicide by and exposure to narcotics and psychodysleptics [hallucinogens], not elsewhere classified	15	7	8	0.2	0.2	0.2	1.0%	0.6%	2.5%
(X63) Suicide by and exposure to other drugs acting on the autonomic nervous system	-	-	-	-	-	-	-	-	-
(X64) Suicide by and exposure to other and unspecified drugs, medicaments, and biological substances	137	64	73	1.7	1.6	1.8	9.1%	5.4%	22.6%
(X65) Suicide by and exposure to alcohol	1	-	1	-	-	-	0.1%	-	0.3%
(X66) Suicide by and exposure to organic solvents and halogenated hydrocarbons	4	3	1	0.1	0.1	-	0.3%	0.3%	0.3%
(X67) Suicide by and exposure to other gases and vapors	48	38	10	0.6	0.9	0.3	3.2%	3.2%	3.1%
(X68) Suicide by and exposure to pesticides	-	-	-	-	-	-	-	-	-
(X69) Suicide by and exposure to other and unspecified chemicals and noxious substances	1	1	-	-	-	-	0.1%	0.1%	-
<b>(X70) HANGING, STRANGULATION, AND SUFFOCATION</b>	<b>278</b>	<b>208</b>	<b>70</b>	<b>3.5</b>	<b>5.2</b>	<b>1.8</b>	<b>18.5%</b>	<b>17.7%</b>	<b>21.7%</b>
<b>(X71) DROWNING AND SUBMERSION</b>	<b>16</b>	<b>8</b>	<b>8</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>1.1%</b>	<b>0.7%</b>	<b>2.5%</b>
<b>(X72-X74) FIREARM</b>	<b>907</b>	<b>796</b>	<b>111</b>	<b>11.3</b>	<b>19.9</b>	<b>2.8</b>	<b>60.4%</b>	<b>67.6%</b>	<b>34.4%</b>
(X72) Suicide by handgun discharge	413	349	64	5.2	8.7	1.6	27.5%	29.6%	19.8%
(X73) Suicide by rifle, shotgun, and larger firearm discharge	165	155	10	2.1	3.9	0.3	11.0%	13.2%	3.1%
(X74) Suicide by other and unspecified firearm discharge	329	292	37	4.1	7.3	0.9	21.9%	24.8%	11.5%
<b>(X80) JUMPING FROM A HIGH PLACE</b>	<b>14</b>	<b>9</b>	<b>5</b>	<b>0.2</b>	<b>0.2</b>	<b>0.1</b>	<b>0.9%</b>	<b>0.8%</b>	<b>1.5%</b>
<b>(X75-X79, X81-X84 AND Y87.0) ALL OTHER</b>	<b>38</b>	<b>26</b>	<b>12</b>	<b>0.5</b>	<b>0.6</b>	<b>0.3</b>	<b>2.5%</b>	<b>2.2%</b>	<b>3.7%</b>
(X75) Suicide by explosive material	-	-	-	-	-	-	-	-	-
(X76) Suicide by smoke, fire, and flames	2	-	2	-	-	-	0.1%	-	0.6%
(X77) Suicide by steam, hot vapors or object	-	-	-	-	-	-	-	-	-
(X78) Suicide by sharp object	15	13	2	0.2	0.3	-	1.0%	1.1%	0.6%
(X79) Suicide by blunt object	-	-	-	-	-	-	-	-	-
(X81) Suicide by jumping or lying before moving object	4	2	2	0.1	-	0.1	0.3%	0.2%	0.6%
(X82) Suicide by crashing of motor vehicle	9	5	4	0.1	0.1	0.1	0.6%	0.4%	1.2%
(X83) Suicide by other specified means	5	3	2	0.1	0.1	-	0.3%	0.3%	0.6%
(X84) Suicide by unspecified means	3	3	-	-	0.1	-	0.2%	0.3%	-
(Y87.0) Sequelae of suicide	-	-	-	-	-	-	-	-	-

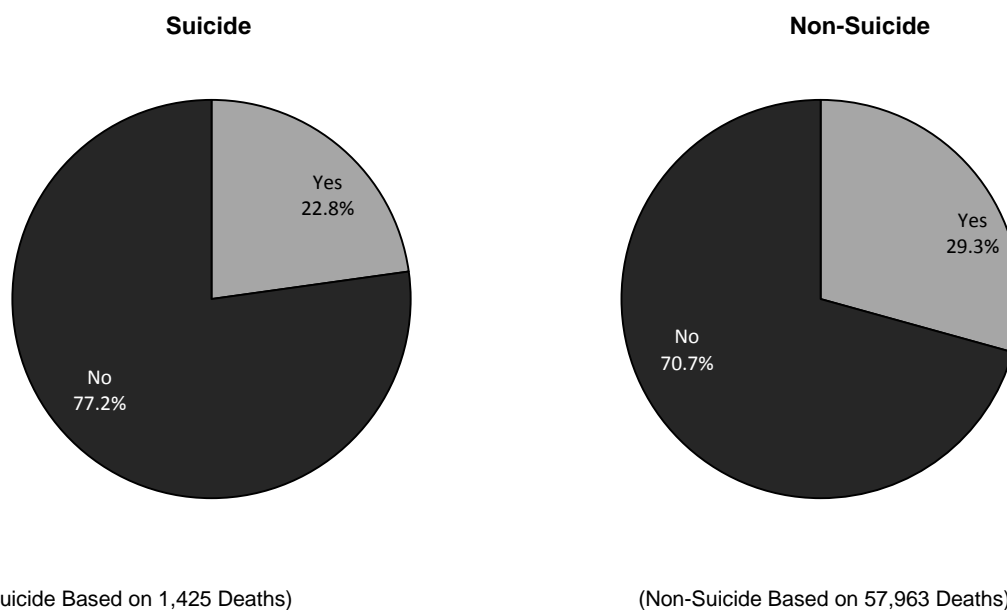
Rate: Number of deaths per 100,000 population by gender.

Note: (-) is equal to zero or a rate that rounds to less than 0.1.

**Table 19**  
**Idaho Resident Suicide Deaths to Adults Aged 18 and Older**  
**Military Status by Year of Death**  
**1999-2014**

YEAR	TOTAL	MILITARY STATUS		
		Yes	No	Unknown
<b>TOTAL</b>	<b>3,453</b>	<b>885</b>	<b>2,544</b>	<b>24</b>
1999	168	48	119	1
2000	157	45	111	1
2001	199	50	149	-
2002	193	55	136	2
2003	210	63	142	5
2004	230	50	174	6
2005	219	65	151	3
2006	207	53	154	-
2007	212	48	163	1
2008	237	75	162	-
2009	298	66	232	-
2010	278	70	206	2
2011	269	68	201	-
2012	280	59	220	1
2013	296	70	224	2
2014	302	56	243	3

**Chart 7a and 7b**  
**Idaho Resident Deaths to Adults Aged 18 and Older**  
**Percent of Suicide and Non-Suicide Deaths by Military Status**  
**Five-Year Aggregate, 2010-2014**



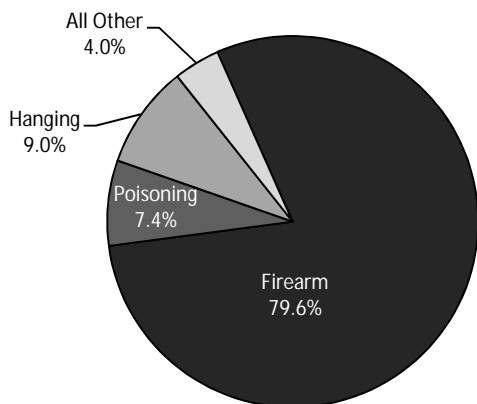
Military status is based on the following question on the death certificate: 'Ever in U.S. Armed Forces?' It is not known if the decedent is currently in the Armed Forces or the length of time the person was in the Armed Forces.

**Table 20**  
**Idaho Resident Suicide Deaths to Adults Aged 18 and Older**  
**Military Status by Mechanism of Injury**  
**Five-Year Aggregate: 2010-2014**

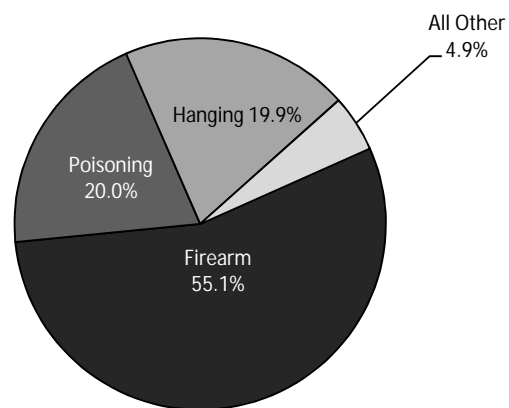
MECHANISM	TOTAL	MILITARY STATUS		
		Yes	No	Unknown
TOTAL	1,425	323	1,094	8
Firearm	863	257	603	3
Poisoning	244	24	219	1
Hanging, strangulation, and suffocation	251	29	218	4
Jumping from high place	14	1	13	-
Drowning	15	4	11	-
Cutting (sharp object)	15	3	12	-
All other means	23	5	18	-

**Chart 8a and 8b**  
**Idaho Resident Suicide Deaths to Adults Aged 18 and Older**  
**Percentage by Mechanism of Injury**  
**Five-Year Aggregate: 2010-2014**

**Persons Who Ever Served in the U.S. Armed Forces**



**Persons Who Never Served in the U.S. Armed Forces**



## NOTES

### Cause of Death Classification

The ICD-10 codes included in the Intentional self-harm (suicide) category are: ICD10: X60-X84, Y87.0, and U03.9.

Analysis on the mechanism of death for Intentional self-harm (suicide) is done using the ICD-10 code given by the certifier. The categories and codes are as follows:

MECHANISM	ICD-10 CODE
Intentional self-harm by poisoning	X60-X69
Intentional self-harm by hanging, strangulation, and suffocation	X70
Intentional self-harm by drowning and submersion	X71
Intentional self-harm by discharge of firearms	X72-X74
Intentional self-harm by explosive material	X75
Intentional self-harm by fire/hot object or substance	X76-X77
Intentional self-harm by cut/pierce	X78
Intentional self-harm by struck by or against	X79
Intentional self-harm by jumping from a high place	X80
Intentional self-harm by jumping or lying before moving object	X81
Intentional self-harm by crashing of motor vehicle	X82
Intentional self-harm by other specified means	X83
Intentional self-harm by unspecified means	X84
Sequelae of intentional self-harm	Y87.0
Terrorism intentional suicide by other and unspecified means	U03.9

### Race and Ethnicity

Race and Hispanic origin of the decedent are reported separately on the Idaho death certificate. Persons of Hispanic origin may be of any race. The number of deaths and death rates for Hispanics should be interpreted with caution. According to the National Center for health Statistics (NCHS), Hispanic ethnicity is underreported on the death certificate, and there are inconsistencies in reporting Hispanic origin on the death certificate as compared with ethnicity on censuses, surveys, and birth certificates.

### Age-Adjusted Mortality Rates Standardized to the Year 2000 U.S. Standard

Age adjustment is a statistical technique used to standardize rates. The technique is employed when comparing two or more populations with different age distributions. Age-adjusted rates are recommended when making comparisons in the rates of age-related health events, such as deaths, between different populations or for comparing trends in a given population over time. Age-adjusted rates are artificial measures for comparison purposes only and should not be used to measure the absolute magnitude of a health issue. To allow for comparison, the same standard population must be used. If different standard populations are used to compute the age-adjusted rates (1940 and 2000, for example), then the age-adjusted rates are NOT comparable. Statistically, an age-adjusted rate is a weighted average of the age-specific death rates, where the weights represent the fixed population proportions by age.

Average annual age-adjusted rates in this report were standardized to year 2000 U.S. standard million population (shown as proportion of the population or weights). The total population for each three-year period was used to calculate the average-annual rates. Rates were developed using the following steps for the direct method:

- 1) Calculate **age-specific rates** for the 11 age groups used in the U.S. 2000 standard million:

$$\left[ \frac{\text{Annual number of deaths in age group}}{\text{(Total population of age group for corresponding years)}} \right] \times 100,000$$

- 2) Calculate **expected number of deaths** for each age group:  
(2000 U.S. standard million population (weight) of age group) x (Age-specific rate)
- 3) Calculate **age-adjusted rate per 100,000 persons**:  
(Sum of expected deaths for all age groups)

### **Small Numbers and Rates**

Please note that the smaller the number of events upon which the rate is based, the larger the confidence interval will be. This clearly demonstrates the wider variability (and lesser reliability) of rates based on smaller numbers. As a general rule, age-adjusted rates based on less than 20 events should be considered unstable and are not recommended for comparative use or in determining significance.

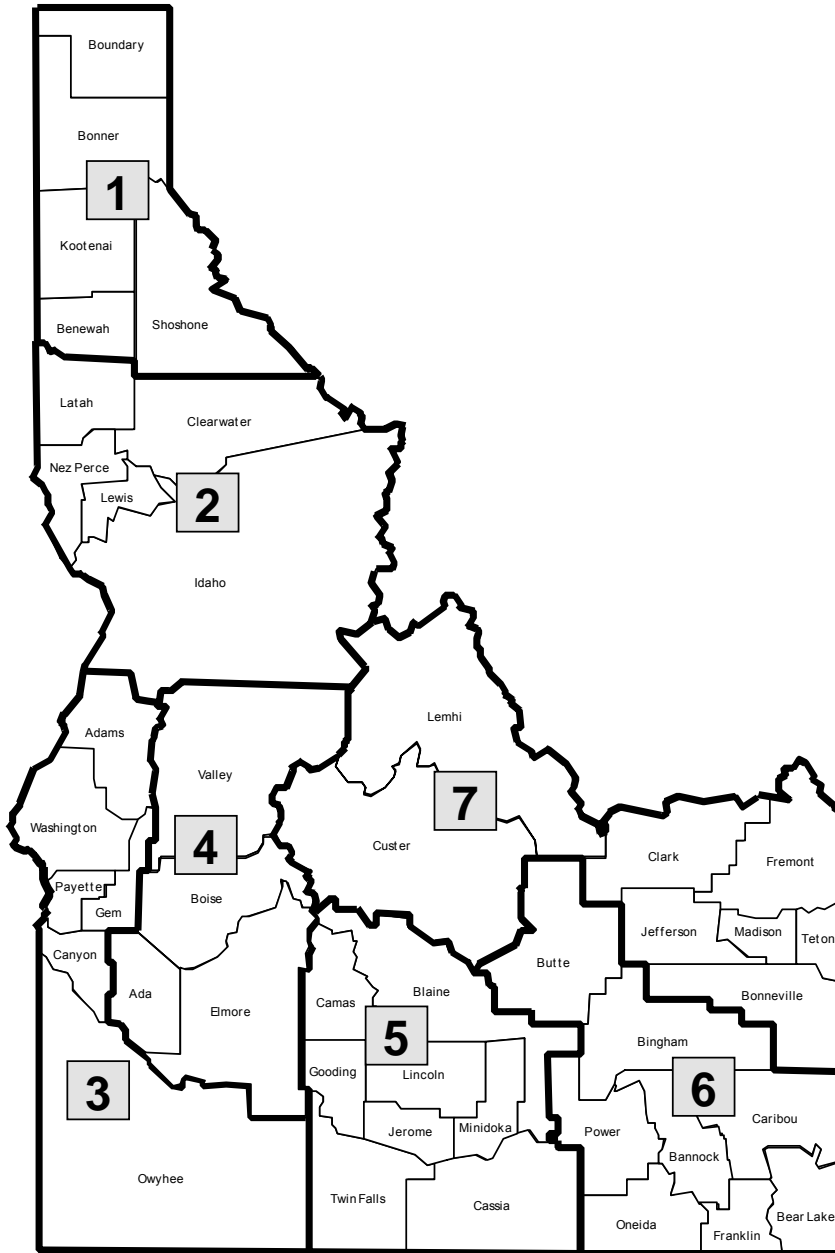
### **Health Districts**

Idaho is comprised of seven Health Districts and seven Regions. The counties in each are the same with one exception. Butte County is located in Health District 6, but is in Region 7. This report provides data based on the Health Districts.

### **For More Information**

For more information, contact the Bureau of Vital Records and Health Statistics, Idaho Department of Health and Welfare at (208) 334-6658. This publication, other fact sheets, and reports are available on the web at <http://healthstatistics.dhw.idaho.gov>.

### Counties Comprising Idaho Public Health Districts



District 1	District 2	District 3	District 4	District 5	District 6	District 7
Benewah Bonner Boundary Kootenai Shoshone	Clearwater Idaho Latah Lewis Nez Perce	Adams Canyon Gem Owyhee Payette Washington	Ada Boise Elmore Valley	Blaine Camas Cassia Gooding Jerome Lincoln Minidoka Twin Falls	Bannock Bear Lake Bingham Butte Caribou Franklin Oneida Power	Bonneville Clark Custer Fremont Jefferson Lemhi Madison Teton

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