

# Idaho Resident Suicide Deaths

## 2014-2018

December 2019  
Division of Public Health  
Bureau of Vital Records and Health Statistics

# Suicide Deaths: Idaho Residents 2014-2018

**Contact**

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## 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 Idaho data for the most recent year available, 2018, and 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. Findings below are based on five-year aggregate numbers and age-adjusted rates from 2014 to 2018 unless otherwise noted.

## FINDINGS

### IDAHO AND U.S.:

- Suicide was the 10th leading cause of death in the U.S. in 2017 (latest year available at time this report was produced), and 8th leading cause of death among Idaho residents in 2014, 2015, and 2016, and the 7<sup>th</sup> leading cause in 2017 and 2018.
- In 2017, Montana had the highest rate of suicide in the nation (28.9 deaths per 100,000 population); Idaho had the 5th highest rate in the nation (23.2 deaths per 100,000 population), following Montana, Alaska, Wyoming, and New Mexico.
- In 2017, the lowest rates in the nation were in the District of Columbia (6.4 deaths per 100,000 population), New York (8.1 deaths per 100,000 population), and New Jersey (8.4 deaths per 100,000 population).
- Idaho's age-adjusted rate of 23.2 per 100,000 was 66% percent higher than the U.S. rate 14.0 deaths per 100.000 in 2017.
- In the past five years, 1,844 Idaho residents died from suicide. The number of deaths per year ranged from 320 deaths in 2014 to 418 deaths in 2018.

### SEX:

- Suicide was the cause of death among 1,439 Idaho males and 405 females from 2014-2018.
- The five-year rate for males (34.7 deaths per 100,000 males) was significantly higher than the five-year rate for females (10.0 deaths per 100,000 females).
- Every year for the past ten years, rates for males were significantly higher than rates for females.
- In the past five years, the age-adjusted rate for males increased 23% from 30.4 in 2014 to 37.3 deaths per 100,000 males in 2018.
- The age-adjusted rate for females increased 6% from 10.1 deaths per 100,000 females in 2014 to 10.7 deaths per 100,000 females in 2018.

- The rank of leading cause of death for males and females from 2014-2018 was:  
6<sup>th</sup> highest cause of deaths among males  
9<sup>th</sup> highest cause of death among females

#### **AGE:**

- The mean age at death for suicide by gender was:  
Age 45.7 years for males  
Age 44.6 years for females
- The highest age-specific rates for males and females were:  
Age 85 and older for males (83.4 deaths per 100,000 males aged 85 and older)  
Age 45-54 for females (19.1 deaths per 100,000 females aged 45-54)
- The age group with the highest number of deaths was:  
Age 45-54 for males (246 deaths)  
Age 45-54 for females (95 deaths)
- Suicide was the 2<sup>nd</sup> leading cause of death for deaths to persons aged 10-14, 15-24, 25-34, and 35-44.

#### **PUBLIC HEALTH DISTRICT:**

- Public Health District 2 had the lowest number of suicide deaths among the seven districts (139 deaths).
- Public Health District 6 had the highest suicide age-adjusted rate with 27.9 deaths per 100,000 population (224 deaths).
- Public Health District 4 had the highest number of suicide deaths (503 deaths) but had the lowest age-adjusted rate (20.3 deaths per 100,000).
- Suicide was the 7<sup>th</sup> leading cause of death among residents of Public Health District 4, and the 8<sup>th</sup> leading cause among the remaining districts.

#### **COUNTY:**

- The county with the highest suicide crude rate was Adams County with 45.0 deaths per 100,000 population (9 deaths), followed by Clearwater County (44.3 deaths per 100,000, 19 deaths), and Custer County (43.3 deaths per 100,000, 9 deaths).
- Camas County had no suicide deaths from 2014 to 2018. The other counties with low rates were Madison County with 7.7 deaths per 100,000 population (15 deaths), Butte with 7.8 deaths per 100,000 (1 death), and Washington with 9.9 deaths per 100,000 (5 deaths).

## **RACE AND ETHNICITY:**

- From 2014 to 2018, the highest number of suicide deaths occurred among non-Hispanic white population (1,682 deaths).
- The highest age-adjusted suicide rate occurred among non-Hispanic American Indian and Alaska Natives (44.6 deaths per 100,000 population; 47 deaths). This number and rate is nearly double the number and suicide rate for non-Hispanic American Indian and Alaska Natives from the previous five-year period of 2009 to 2013 (23.4 deaths per 100,000; 24 deaths).
- The age-adjusted suicide mortality rate for Hispanics (10.0 per 100,000) was significantly lower than the age-adjusted rate for non-Hispanics (23.7 per 100,000).
- Hispanics died at a younger mean age (34.0 years) than non-Hispanics (46.1 years). Suicide was the 6<sup>th</sup> leading cause of death among Hispanics and the 8<sup>th</sup> leading cause of death among non-Hispanics.

## **MILITARY STATUS:**

Military status is based on the question “Ever in U.S. Armed Forces” on the death certificate. The death may have occurred at the time the person was in the military or after leaving the military. Data for military status are based on working aged adults aged 18 and older.

In comparing suicide deaths with non-suicide deaths among persons aged 18 and older who were ever in the military:

- A total of 1,746 Idahoans aged 18 or older died from suicide. Of the 1,746 deaths, 339 (20%) occurred to persons who had ever been in U.S. Armed Forces. In comparison, 64,468 Idahoans aged 18 or older died from all other causes (non-suicide), and of these deaths, 28% of persons were ever in the military.

Of the 339 deaths from suicide among persons aged 18 and older who were ever in the military, 321 were males and 18 were females. In comparing males who died and were ever in the military with males who died and were not ever in the military:

- Suicide was the leading cause of death among Idaho males aged 18 to 24 and were ever in the military. There was a total of 27 deaths to men aged 18-24 and who were ever in the military. Of the 27 deaths, 18 deaths, or 67% of deaths, were from suicide. Suicide was the 2<sup>nd</sup> leading cause of death among males aged 18 to 24 who were not ever in the military (33% of total deaths).
- Suicide was the 4<sup>th</sup> leading cause of death among males aged 25 to 64 for both men who were ever in the military and for men who were not ever in the military
- Suicide was the 11<sup>th</sup> leading cause for males aged 65 and older who were ever in the military and who were not 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 80% of suicide deaths to adults aged 18 and older who ever served in U.S. Armed Forces and 56% of those who had never served in U.S. Armed Forces. These data are based on both males and females.

### **MECHANISM OF INJURY:**

- Of the 1,844 Idaho resident suicide deaths, 1,106 (60%) involved a firearm.
- Firearms, poisoning, and hanging, strangulation and suffocation made up 96% of all Idaho resident suicide deaths.
- Firearm injury was the leading type of injury among males and females; 66% of suicides among males involved a firearm, and 40% of suicides among females involved a firearm.
- The mean age at death from suicide by mechanism:
  - Age 48.0 years by firearm (1,106 deaths)
  - Age 37.3 years by hanging (385 deaths)
  - Age 47.3 years by poisoning (270 deaths)
  - Age 47.5 years by cutting with sharp object (26 deaths)
  - Age 42.9 years by jumping from high place (17 deaths)
  - Age 44.2 years by drowning (14 deaths)

### **HIGHLIGHTS:**

- Idaho had the 5<sup>th</sup> highest suicide rate in the U.S. in 2017 (latest year state rates are available).
- In 2018, suicide was the 5<sup>th</sup> leading cause of death among Idaho males.
- The suicide rate among Non-Hispanic American Indian and Alaskan Native males in 2018 was the highest rate among all sex/race/ethnic backgrounds in Idaho in 2018. The suicide death rate was 134.3 deaths per 100,000 Non-Hispanic American Indian and Alaskan Native males which was 3.6 times higher than the rate for all males. In 2018, there were 15 deaths by suicide among Non-Hispanic, American Indian and Alaskan Native males; from 2014 to 2017, the average number of suicide deaths among Non-Hispanic, American Indian and Alaskan Native males was 5 per year.
- The most notable increase in suicide rates from 2014 to 2018 were among:
  - Teens aged 15-19 with a rate increase of 73%
  - Young adults aged 20-24 with a rate increase of 68%
  - Seniors aged 65-74 with a rate increase of 95%.
  - Non-Hispanic, American Indian and Alaskan Natives with a crude rate increase of 168%.
  - Hispanics with a crude rate increase of 109%.
  - Public Health District 6 residents with a crude rate increase of 55%.

Figure 1. Ten Leading Causes of Death by Year and Number of Deaths by Select Years: Idaho Residents, 1970, 1980, 1990, 2000, 2010, 2014, 2015, 2016, 2017, and 2018.

RANK	Year									
	1970	1980	1990	2000	2010	2014	2015	2016	2017	2018
1	Disease of heart 2,157	Disease of heart 2,383	Disease of heart 2,186	Diseases of heart 2,510	Malignant neoplasms 2,530	Malignant neoplasms 2,790	Malignant neoplasms 2,843	Diseases of heart 2,974	Diseases of heart 3,085	Diseases of heart 3,121
2	Malignant neoplasms 940	Malignant neoplasms 1,293	Malignant neoplasms 1,733	Malignant neoplasms 2,131	Diseases of heart 2,478	Diseases of heart 2,684	Diseases of heart 2,829	Malignant neoplasms 2,890	Malignant neoplasms 3,015	Malignant neoplasms 3,050
3	Cerebrovascular diseases 638	Accident 579	Cerebrovascular diseases 528	Cerebrovascular diseases 713	Chronic lower respiratory diseases 730	Chronic lower respiratory diseases 830	Chronic lower respiratory diseases 848	Chronic lower respiratory diseases 864	Chronic lower respiratory diseases 925	Chronic lower respiratory diseases 900
4	Accident 584	Cerebrovascular diseases 545	Accident 477	Chronic lower respiratory diseases 565	Accident 647	Accident 748	Accident 744	Accident 847	Accident 878	Accident 887
5	Influenza and pneumonia 207	Chronic lower respiratory diseases 243	Chronic lower respiratory diseases 385	Accident 516	Cerebrovascular diseases 641	Cerebrovascular diseases 638	Cerebrovascular diseases 646	Cerebrovascular diseases 679	Cerebrovascular diseases 722	Cerebrovascular diseases 718
6	Chronic lower respiratory diseases 174	Influenza and pneumonia 211	Influenza and pneumonia 305	Diabetes mellitus 302	Alzheimer's disease 415	Diabetes mellitus 408	Alzheimer's disease 553	Alzheimer's disease 606	Alzheimer's disease 673	Alzheimer's disease 666
7	Conditions originating in perinatal period 132	Suicide 128	Suicide 190	Influenza and pneumonia 286	Diabetes mellitus 352	Alzheimer's disease 376	Diabetes mellitus 404	Diabetes mellitus 379	(TIE) Suicide	Suicide 418
8	Atherosclerosis 131	Diabetes mellitus 112	Diabetes mellitus 172	Alzheimer's disease 262	Suicide 290	Suicide 320	Suicide 362	Suicide 351	Diabetes mellitus 393	Diabetes mellitus 408
9	Diabetes mellitus 130	Atherosclerosis 106	Alzheimer's disease 79	Suicide 166	Influenza and pneumonia 215	Influenza and pneumonia 203	Chronic liver disease and cirrhosis 219	Influenza and pneumonia 204	Influenza and pneumonia 257	Chronic liver disease and cirrhosis 249
10	Suicide 112	Conditions originating in perinatal period 93	Atherosclerosis 69	Chronic liver disease and cirrhosis 113	Nephritis* 186	Chronic liver disease and cirrhosis 196	Influenza and pneumonia 215	Chronic liver disease and cirrhosis 190	Parkinson's disease 205	Influenza and pneumonia 235
Residual**	940	1,069	1,263	1,971	2,927	3,417	3,368	3,386	3,461	3,611
Total	6,145	6,762	7,387	9,535	11,411	12,610	13,031	13,370	14,007	14,263

\*Nephritis is short for "Nephritis, nephrotic syndrome, nephrosis".

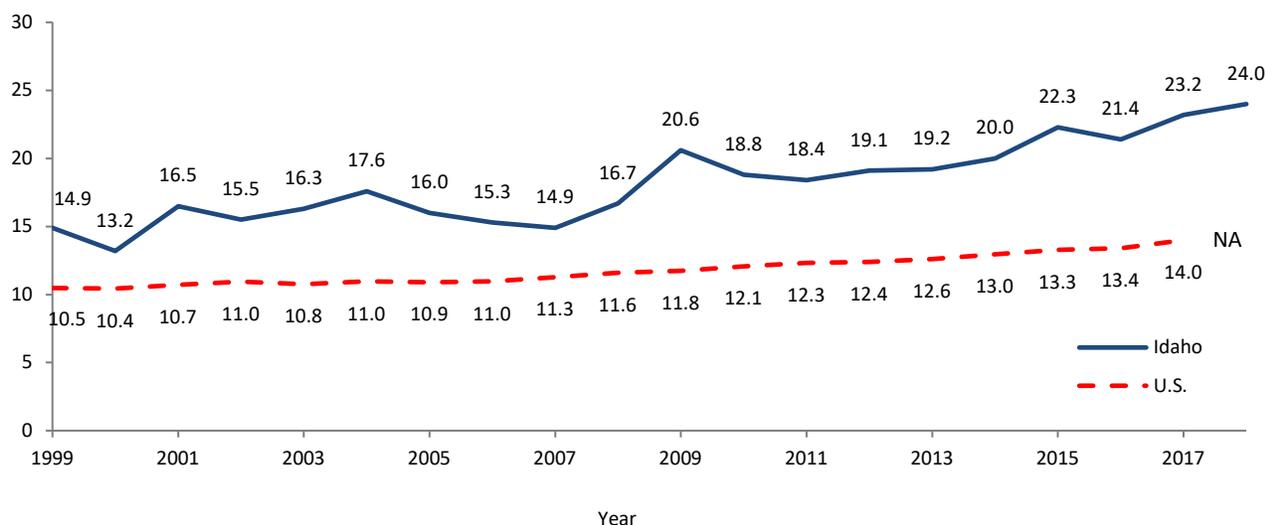
\*\*Total number of deaths for all other leading causes not listed and all other causes not ranked for leading cause of death.

Data in 1970 are based on ICD-8 codes, data in 1980 and 1990 are based on ICD-9 codes, and data in 2000, 2010, and 2014-2018 are based on ICD-10 codes.

Table 1. Suicide Mortality, Crude Rates, Age-adjusted Rates, and Percent Change in Age-adjusted Rate by Year: Idaho and U.S. Residents, 1999-2018.

Year	Idaho				U.S.			
	Deaths	Crude Rate	Age-Adjusted Rate (AAR)	Percent Change to AAR	Deaths	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%	42,826	13.4	13.0	2.9%
2015	362	21.9	22.3	11.5%	44,193	13.8	13.3	2.5%
2016	351	20.9	21.4	-4.0%	44,965	13.9	13.4	1.0%
2017	393	22.9	23.2	8.4%	47,173	14.5	14.0	4.4%
2018	418	23.8	24.0	3.4%	NA	NA	NA	NA

Figure 2. Age-adjusted Suicide Mortality Rate by Year: Idaho and U.S. Residents, 1999-2018.



Rate: Number of deaths per 100,000 population.

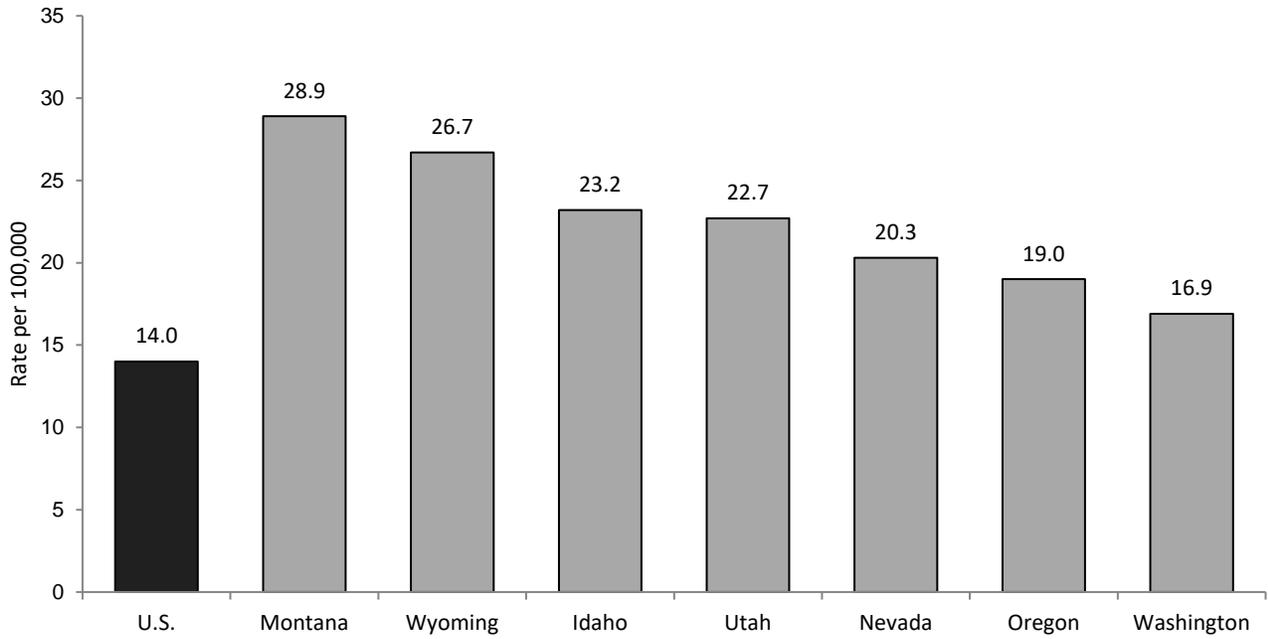
Age-adjusted rate: number of deaths per 100,000 population and aged-adjusted to the 2000 U.S. standard population.

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

NA: Not available at time of publication.

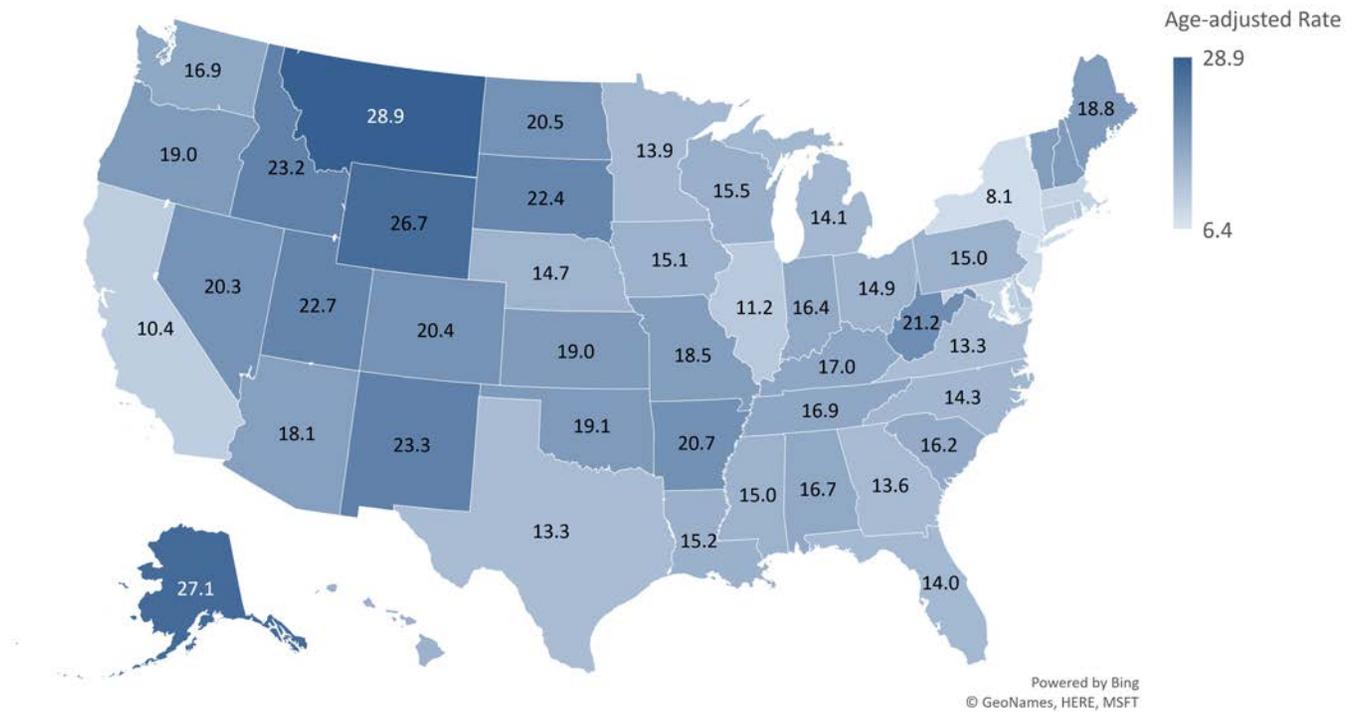
U.S. data Source: NCHS Vital Statistics System for numbers of deaths. Bureau of Census for population estimates.

Figure 3. Age-adjusted Suicide Mortality Rate: Idaho and Surrounding States, 2017.



Idaho had the 5th highest rate of suicide in the nation in 2017 based on age-adjusted rates. Montana, Alaska, Wyoming, and New Mexico had the highest rates in the U.S.

Map 1. Age-adjusted Suicide Mortality Rate: Idaho and U.S. by State, 2017.



The age-adjusted rate for Connecticut was 10.5, for District of Columbia was 6.4, for Hawaii was 15.0, for Maryland was 9.9, for Massachusetts was 9.4, for New Hampshire was 18.8, for New Jersey was 8.4, and for Vermont was 18.4 per 100,000 residents.

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

Table 2. Suicide Mortality and Crude Rates by County and Public Health District of Residence and Year: Idaho Residents, 1999-2018, and Five-Year Aggregate, 1999-2003, 2004-2008, 2009-2013, and 2014-2018.

RESIDENCE	1999		2000		2001		2002		2003	
	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate
Total	180	14.4	166	12.8	213	16.1	203	15.1	218	16.0
District 1	26	15.0	35	19.6	45	24.7	38	20.6	28	14.8
District 2	12	12.3	11	10.9	26	26.2	24	24.0	21	20.9
District 3	26	14.1	27	14.1	29	14.5	19	9.2	26	12.2
District 4	45	14.0	38	11.0	47	13.2	52	14.3	57	15.4
District 5	18	11.3	15	9.2	30	18.3	33	20.0	31	18.5
District 6	28	17.8	17	10.8	17	10.8	27	17.1	27	17.1
District 7	25	15.9	23	14.4	19	11.7	10	6.1	28	16.6
Ada	39	13.8	32	10.6	41	13.1	50	15.6	49	15.1
Adams	1	26.4	1	28.8	1	29.2	-	-	-	-
Bannock	14	18.7	5	6.6	10	13.3	15	19.8	10	13.2
Bear Lake	4	61.0	3	46.8	2	31.5	1	15.7	5	79.3
Benewah	1	11.0	1	10.9	5	55.6	2	22.2	1	11.1
Bingham	8	19.0	5	12.0	5	11.8	9	21.2	9	21.0
Blaine	4	23.1	-	-	4	20.2	3	14.7	6	28.9
Boise	1	18.8	1	15.0	-	-	-	-	1	13.8
Bonner	7	19.4	9	24.4	10	26.7	6	15.7	7	17.9
Bonneville	15	18.4	9	10.9	7	8.4	5	5.9	14	16.1
Boundary	2	20.0	6	60.8	1	10.1	4	39.7	4	39.3
Butte	-	-	1	34.5	-	-	-	-	1	34.8
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	19	15.3	19	14.5	21	15.0	11	7.6	18	11.9
Caribou	1	13.7	1	13.7	-	-	1	13.7	-	-
Cassia	3	13.9	1	4.7	2	9.3	7	32.2	6	27.8
Clark	1	109.5	-	-	1	103.0	-	-	-	-
Clearwater	-	-	-	-	1	11.7	3	35.5	2	23.8
Custer	1	24.5	1	23.0	2	46.6	-	-	-	-
Elmore	3	11.7	4	13.7	4	13.7	-	-	5	17.3
Franklin	-	-	1	8.8	-	-	-	-	1	8.4
Fremont	2	16.8	3	25.4	1	8.5	1	8.4	1	8.3
Gem	2	13.2	1	6.6	2	12.9	2	12.9	3	19.0
Gooding	1	7.3	-	-	3	21.1	4	28.0	3	20.9
Idaho	2	13.3	2	12.9	3	19.5	5	32.7	1	6.5
Jefferson	1	5.0	4	20.9	3	15.3	3	15.2	5	24.8
Jerome	3	16.6	3	16.4	1	5.4	6	32.1	3	15.9
Kootenai	15	14.3	15	13.8	26	23.2	24	21.1	13	11.1
Latah	2	6.2	-	-	9	26.1	6	17.0	4	11.4
Lemhi	2	25.1	3	38.4	2	26.3	1	13.1	4	51.7
Lewis	-	-	2	53.4	2	55.2	-	-	1	26.7
Lincoln	2	52.1	-	-	1	24.2	-	-	3	69.4
Madison	1	4.0	-	-	2	7.3	-	-	3	10.0
Minidoka	2	9.9	1	5.0	5	25.4	4	20.5	2	10.3
Nez Perce	8	21.7	7	18.7	11	29.7	10	26.9	13	34.5
Oneida	-	-	1	24.2	-	-	-	-	1	24.2
Owyhee	1	9.6	3	28.2	2	18.2	1	9.2	1	8.9
Payette	3	14.4	3	14.6	2	9.6	4	19.0	3	14.0
Power	1	11.9	-	-	-	-	1	13.6	-	-
Shoshone	1	7.3	4	29.0	3	22.3	2	15.3	3	23.1
Teton	2	35.0	3	50.0	1	15.6	-	-	1	14.2
Twin Falls	3	4.8	10	15.6	14	21.6	9	13.7	8	11.9
Valley	2	25.5	1	13.1	2	25.9	2	26.6	2	25.8
Washington	-	-	-	-	1	10.0	1	10.1	1	10.0

Rate: Number of deaths per 100,000 population.

Table 2. Suicide Mortality and Crude Rates by County and Public Health District of Residence and Year: Idaho Residents, 1999-2018, and Five-Year Aggregate, 1999-2003, 2004-2008, 2009-2013, and 2014-2018.

RESIDENCE	2004		2005		2006		2007		2008	
	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate
Total	239	17.2	225	15.7	218	14.9	220	14.7	251	16.5
District 1	32	16.5	46	22.8	41	19.9	43	20.6	40	18.9
District 2	17	16.9	17	16.9	20	19.8	17	16.6	12	11.8
District 3	43	19.5	30	13.2	38	16.0	31	12.7	32	12.9
District 4	62	16.5	47	12.1	55	13.6	63	15.0	68	16.0
District 5	25	14.8	26	15.2	26	15.0	23	13.2	31	17.6
District 6	31	19.5	25	15.4	19	11.7	18	11.1	36	21.9
District 7	29	16.7	34	19.2	19	10.5	25	13.2	32	16.4
Ada	53	15.9	39	11.3	48	13.4	57	15.3	60	15.8
Adams	-	-	1	27.8	1	28.7	-	-	-	-
Bannock	15	19.8	10	12.8	4	5.1	9	11.3	17	21.0
Bear Lake	-	-	2	32.4	-	-	1	17.1	3	51.7
Benewah	-	-	1	10.8	1	10.7	2	21.6	1	10.7
Bingham	11	25.5	10	22.9	8	18.2	2	4.6	9	20.5
Blaine	4	19.0	5	23.6	1	4.7	3	13.9	3	13.8
Boise	-	-	2	26.5	1	13.1	2	26.4	2	26.7
Bonner	6	15.0	6	14.7	12	29.1	8	19.5	11	26.7
Bonneville	15	16.7	22	24.0	12	12.7	16	16.6	18	18.2
Boundary	2	19.2	3	28.3	3	27.7	4	36.8	1	9.1
Butte	1	35.2	-	-	1	36.0	-	-	1	36.4
Camas	-	-	-	-	-	-	1	90.7	-	-
Canyon	30	19.0	18	10.9	25	14.4	25	13.9	23	12.5
Caribou	-	-	2	28.0	2	28.6	3	43.7	2	29.3
Cassia	2	9.3	2	9.4	1	4.7	2	9.5	2	9.4
Clark	-	-	-	-	-	-	1	110.4	-	-
Clearwater	-	-	-	-	2	24.0	1	12.1	1	12.2
Custer	2	48.6	1	24.5	1	23.9	-	-	1	23.5
Elmore	5	17.3	3	10.5	5	17.8	3	10.4	5	17.2
Franklin	1	8.2	-	-	3	24.0	2	16.4	2	16.1
Fremont	1	8.2	3	24.5	1	8.1	-	-	3	23.9
Gem	3	18.8	5	30.7	3	18.1	-	-	3	18.2
Gooding	2	13.9	-	-	1	6.9	3	21.1	-	-
Idaho	2	12.8	2	12.7	2	12.7	3	19.6	1	6.5
Jefferson	7	33.7	4	18.5	2	8.9	3	13.1	1	4.2
Jerome	2	10.4	5	25.5	3	14.9	-	-	2	9.8
Kootenai	21	17.2	35	27.4	22	16.7	26	19.3	24	17.5
Latah	5	14.2	5	14.4	7	20.0	8	22.0	2	5.6
Lemhi	1	12.8	1	12.6	1	12.6	2	25.9	7	89.7
Lewis	1	26.6	2	53.3	-	-	-	-	1	27.8
Lincoln	-	-	-	-	-	-	3	66.7	-	-
Madison	3	9.7	1	3.2	1	3.2	3	8.2	1	2.7
Minidoka	9	46.8	2	10.5	4	21.0	2	10.8	7	37.5
Nez Perce	9	23.8	8	21.1	9	23.5	5	12.8	7	18.0
Oneida	-	-	-	-	-	-	1	24.4	-	-
Owyhee	3	27.3	3	27.1	1	9.0	1	9.2	3	27.6
Payette	7	32.4	1	4.5	6	26.6	4	17.6	2	8.7
Power	3	40.1	1	12.9	1	12.6	-	-	2	26.0
Shoshone	3	23.4	1	7.6	3	22.8	3	23.4	3	23.2
Teton	-	-	2	26.8	1	12.8	-	-	1	11.3
Twin Falls	6	8.8	12	17.3	16	22.4	9	12.3	17	22.9
Valley	4	50.2	3	36.0	1	11.3	1	11.2	1	11.3
Washington	-	-	2	19.8	2	19.6	1	9.9	1	9.8

Rate: Number of deaths per 100,000 population.

Table 2. Suicide Mortality and Crude Rates by County and Public Health District of Residence and Year: Idaho Residents, 1999-2018, and Five-Year Aggregate, 1999-2003, 2004-2008, 2009-2013, and 2014-2018.

RESIDENCE	2009		2010		2011		2012		2013	
	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate
Total	307	19.9	290	18.5	284	17.9	299	18.7	308	19.1
District 1	52	24.3	53	25.0	45	21.0	43	20.0	41	18.8
District 2	19	18.2	19	18.0	21	19.8	28	26.3	18	16.9
District 3	43	17.1	35	13.8	51	19.9	43	16.6	56	21.3
District 4	64	14.9	66	15.1	67	15.1	79	17.5	77	16.8
District 5	49	27.2	39	21.0	34	18.2	32	17.1	41	21.7
District 6	36	21.5	35	20.7	29	17.0	34	20.1	44	26.1
District 7	44	22.0	43	21.0	37	17.9	40	19.3	31	14.9
Ada	54	14.0	56	14.3	62	15.5	71	17.4	62	14.9
Adams	1	28.4	2	50.3	-	-	-	-	1	26.1
Bannock	22	26.7	22	26.6	16	19.1	19	22.7	22	26.4
Bear Lake	1	17.3	-	-	-	-	4	67.7	2	33.7
Benewah	3	32.4	1	10.8	2	21.7	2	21.9	1	11.1
Bingham	6	13.4	9	19.7	7	15.2	5	11.0	11	24.3
Blaine	5	22.4	7	32.7	3	14.2	2	9.5	6	28.1
Boise	3	40.3	1	14.2	-	-	4	58.5	4	58.9
Bonner	11	26.6	11	26.9	9	22.1	8	19.8	7	17.2
Bonneville	22	21.7	21	20.1	22	20.8	25	23.4	15	14.0
Boundary	4	36.5	4	36.5	3	27.8	5	46.3	1	9.2
Butte	-	-	2	69.2	1	35.4	-	-	-	-
Camas	2	180.3	-	-	-	-	-	-	-	-
Canyon	32	17.1	28	14.8	37	19.3	30	15.5	43	21.6
Caribou	-	-	-	-	3	43.8	3	44.2	3	44.1
Cassia	3	13.8	1	4.4	6	25.9	2	8.6	6	25.7
Clark	-	-	2	203.7	-	-	-	-	2	230.7
Clearwater	2	24.9	2	22.8	2	23.0	3	34.9	1	11.7
Custer	5	117.9	2	45.8	1	23.1	1	23.1	3	70.6
Elmore	6	20.8	6	22.2	3	11.4	3	11.4	10	38.2
Franklin	3	23.7	1	7.8	2	15.6	2	15.6	4	31.1
Fremont	3	23.6	3	22.7	-	-	3	23.2	2	15.5
Gem	4	24.3	1	6.0	5	30.0	4	24.0	2	12.0
Gooding	4	27.7	2	12.9	3	19.4	5	32.7	1	6.6
Idaho	5	32.3	3	18.4	3	18.2	2	12.3	3	18.6
Jefferson	6	24.2	6	23.0	7	26.6	2	7.5	3	11.1
Jerome	8	37.6	8	35.8	5	22.0	6	26.7	4	17.8
Kootenai	30	21.5	31	22.4	28	19.8	25	17.6	26	18.0
Latah	5	13.1	4	10.7	3	8.0	5	13.1	6	15.8
Lemhi	4	50.6	2	25.2	1	12.6	5	64.4	2	25.9
Lewis	-	-	-	-	1	26.2	3	77.1	1	25.6
Lincoln	2	43.1	2	38.4	-	-	1	19.0	1	18.8
Madison	1	2.6	-	-	3	7.9	3	8.0	3	8.0
Minidoka	1	5.2	4	19.9	1	5.0	3	15.0	3	14.8
Nez Perce	7	17.9	10	25.5	12	30.3	15	37.9	7	17.5
Oneida	2	47.4	1	23.3	-	-	1	23.7	-	-
Owyhee	1	8.9	-	-	2	17.5	3	26.2	2	17.4
Payette	5	21.6	2	8.8	4	17.7	3	13.3	5	22.1
Power	2	25.9	-	-	-	-	-	-	2	25.9
Shoshone	4	31.6	6	47.0	3	23.7	3	23.6	6	47.3
Teton	3	32.1	7	68.8	3	29.5	1	9.9	1	9.7
Twin Falls	24	31.9	15	19.4	16	20.5	13	16.5	20	25.0
Valley	1	11.5	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.

Table 2. Suicide Mortality and Crude Rates by County and Public Health District of Residence and Year: Idaho Residents, 1999-2018, and Five-Year Aggregate, 1999-2003, 2004-2008, 2009-2013, and 2014-2018.

RESIDENCE	2014		2015		2016		2017		2018	
	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate
Total	320	19.6	362	21.9	351	20.9	393	22.9	418	23.8
District 1	53	23.9	63	28.0	37	16.1	57	24.3	67	27.9
District 2	33	30.8	20	18.6	35	32.4	24	22.1	27	24.6
District 3	35	13.1	53	19.5	53	19.1	76	26.8	53	18.2
District 4	85	18.1	86	18.0	115	23.6	97	19.3	120	23.3
District 5	42	22.0	44	22.9	36	18.6	52	26.4	45	22.6
District 6	36	21.3	46	27.2	43	25.2	41	23.8	58	33.1
District 7	36	17.2	50	23.6	32	14.8	46	20.9	48	21.5
Ada	77	18.1	79	18.2	104	23.4	85	18.6	109	23.2
Adams	1	25.9	1	26.0	1	25.6	6	144.7	-	-
Bannock	22	26.4	29	34.6	17	20.1	25	29.3	34	39.0
Bear Lake	1	16.8	-	-	1	16.8	2	33.2	2	33.1
Benewah	3	32.9	6	66.3	1	11.0	3	32.7	3	32.5
Bingham	6	13.3	12	26.7	13	28.8	7	15.2	11	23.8
Blaine	7	32.6	7	32.4	3	13.8	2	9.1	2	8.8
Boise	3	44.0	1	14.2	3	42.1	4	54.9	-	-
Bonner	7	16.8	8	19.1	12	28.2	12	27.5	12	26.8
Bonneville	18	16.6	33	30.0	18	16.0	30	26.2	33	28.2
Boundary	3	27.3	1	8.8	2	17.1	6	50.3	4	33.5
Butte	-	-	-	-	-	-	-	-	1	38.3
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	30	14.8	43	20.7	32	15.1	48	22.2	40	17.9
Caribou	2	29.3	1	14.8	4	58.1	1	14.2	3	42.5
Cassia	4	17.0	4	17.0	3	12.8	10	42.3	6	25.1
Clark	-	-	1	113.6	-	-	-	-	-	-
Clearwater	4	46.7	6	70.6	5	58.8	2	23.4	2	22.8
Custer	4	96.6	3	73.4	1	24.4	-	-	1	23.4
Elmore	5	19.2	4	15.5	6	23.1	5	18.6	8	29.3
Franklin	4	30.7	3	22.9	3	22.4	3	22.1	3	21.9
Fremont	1	7.8	2	15.6	2	15.5	3	22.9	-	-
Gem	-	-	1	5.9	7	40.7	8	46.0	5	28.4
Gooding	3	19.9	2	13.1	2	13.2	3	19.8	5	32.9
Idaho	5	30.8	3	18.4	10	61.9	8	48.9	6	36.3
Jefferson	6	22.2	3	11.0	3	10.8	5	17.6	4	13.6
Jerome	6	26.3	3	13.1	4	17.4	5	21.2	1	4.2
Kootenai	33	22.4	42	27.9	18	11.7	32	20.3	43	26.6
Latah	7	18.2	2	5.2	9	23.0	6	15.3	8	19.9
Lemhi	2	25.9	4	51.7	4	51.8	2	25.4	4	50.2
Lewis	-	-	-	-	3	77.9	-	-	1	25.9
Lincoln	-	-	2	37.8	1	19.0	2	37.6	3	56.0
Madison	3	7.9	2	5.2	1	2.6	6	15.3	3	7.6
Minidoka	2	9.8	6	29.3	3	14.6	5	24.1	6	28.8
Nez Perce	17	42.5	9	22.5	8	19.8	8	19.8	10	24.7
Oneida	-	-	-	-	3	69.1	1	22.6	1	22.3
Owyhee	-	-	4	35.4	6	52.7	3	25.8	2	17.1
Payette	4	17.5	3	13.1	5	21.7	10	43.1	5	21.2
Power	1	13.1	1	13.1	2	26.1	2	26.3	3	38.6
Shoshone	7	56.5	6	48.3	4	32.1	4	31.9	5	39.1
Teton	2	19.3	2	18.9	3	27.4	-	-	3	25.8
Twin Falls	20	24.7	20	24.3	20	23.9	25	29.4	22	25.6
Valley	-	-	2	19.8	2	19.1	3	28.1	3	27.2
Washington	-	-	1	10.0	2	19.7	1	9.9	1	9.8

Rate: Number of deaths per 100,000 population.

Table 2. Suicide Mortality and Crude Rates by County and Public Health District of Residence and Year: Idaho Residents, 1999-2018, and Five-Year Aggregate, 1999-2003, 2004-2008, 2009-2013, and 2014-2018.

RESIDENCE	1999-2003		2004-2008		2009-2013		2014-2018	
	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate
Total	980	14.9	1,153	15.8	1,488	18.8	1,844	21.8
District 1	172	18.9	202	19.8	234	21.8	277	24.1
District 2	94	18.8	83	16.4	105	19.8	139	25.7
District 3	127	12.8	174	14.8	228	17.8	270	19.4
District 4	239	13.5	295	14.6	353	15.9	503	20.5
District 5	127	15.5	131	15.2	195	21.0	219	22.5
District 6	116	14.7	129	15.9	178	21.1	224	26.2
District 7	105	12.9	139	15.2	195	19.0	212	19.6
Ada	211	13.6	257	14.4	305	15.2	454	20.3
Adams	3	17.3	2	11.4	4	20.8	9	45.0
Bannock	54	14.3	55	14.0	101	24.3	127	30.0
Bear Lake	15	47.0	6	19.8	7	23.6	6	20.1
Benewah	10	22.1	5	10.8	9	19.6	16	35.0
Bingham	36	17.1	40	18.3	38	16.7	49	21.5
Blaine	17	17.3	16	14.9	23	21.4	21	19.2
Boise	3	8.8	7	18.6	12	34.2	11	30.6
Bonner	39	20.8	43	21.1	46	22.5	51	23.8
Bonneville	50	11.9	83	17.6	105	20.0	132	23.5
Boundary	17	34.1	13	24.2	17	31.3	16	27.7
Butte	2	13.9	3	21.5	3	21.6	1	7.8
Camas	-	-	1	18.6	2	36.6	-	-
Canyon	88	12.7	121	14.1	170	17.7	193	18.2
Caribou	3	8.2	9	25.7	9	26.2	11	31.8
Cassia	19	17.6	9	8.5	18	15.7	27	22.9
Clark	2	40.8	1	21.8	4	86.6	1	23.1
Clearwater	6	13.8	4	9.6	10	23.4	19	44.3
Custer	4	18.8	5	24.0	12	55.8	9	43.3
Elmore	16	11.0	21	14.6	28	20.8	28	21.2
Franklin	2	3.5	8	13.0	12	18.8	16	24.0
Fremont	8	13.5	8	12.9	11	16.9	8	12.3
Gem	10	13.0	14	17.1	16	19.2	21	24.4
Gooding	11	15.5	6	8.4	15	19.8	15	19.8
Idaho	13	16.9	10	12.8	16	19.9	32	39.3
Jefferson	16	16.4	17	15.3	24	18.3	21	15.0
Jerome	16	17.3	12	12.1	31	27.8	19	16.3
Kootenai	93	16.7	128	19.6	140	19.8	168	21.8
Latah	21	12.0	27	15.2	23	12.2	32	16.3
Lemhi	12	31.0	12	30.6	14	35.6	16	41.0
Lewis	5	26.9	4	21.7	5	26.1	4	20.8
Lincoln	6	29.0	3	13.4	6	23.4	8	30.1
Madison	6	4.3	9	5.4	10	5.3	15	7.7
Minidoka	14	14.2	24	25.4	12	12.0	22	21.4
Nez Perce	49	26.2	38	19.8	51	25.8	52	25.8
Oneida	2	9.7	1	4.8	4	18.9	5	23.0
Owyhee	8	14.8	11	20.0	8	14.0	15	26.1
Payette	15	14.4	20	17.8	19	16.7	27	23.4
Power	2	5.3	7	18.2	4	10.3	9	23.5
Shoshone	13	19.4	13	20.0	22	34.7	26	41.5
Teton	7	21.8	4	10.1	15	30.0	10	18.2
Twin Falls	44	13.5	60	16.8	88	22.6	107	25.6
Valley	9	23.5	10	23.3	8	16.9	10	19.2
Washington	3	6.0	6	11.8	11	21.7	5	9.9

Rate: Number of deaths per 100,000 population.

Map 2. Suicide Mortality Crude Rates (Number of Deaths Shown in County):  
Idaho Residents, Five-Year Aggregate, 2014-2018

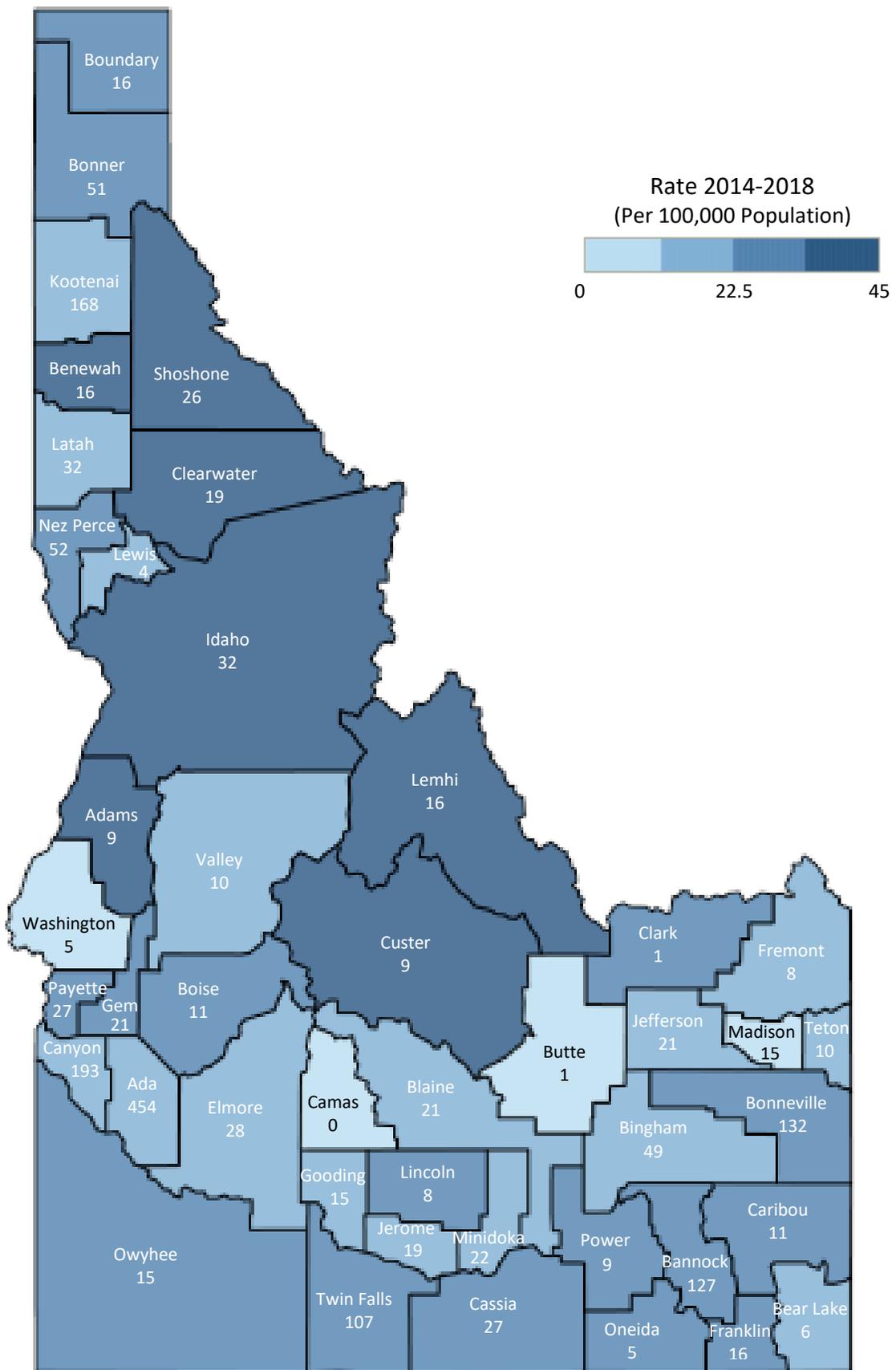


Figure 4. Ten Leading Causes of Death by Public Health District of Residence and Number of Deaths: Idaho Residents, Five-year Aggregate, 2014-2018.

RANK	Public Health District of Residence and Cause of Death							
	District 1	District 2	District 3	District 4	District 5	District 6	District 7	Total
1	Malignant neoplasms 2,797	Malignant neoplasms 1,229	Diseases of heart 2,567	Malignant neoplasms 3,794	Diseases of heart 1,657	Diseases of heart 1,650	Diseases of heart 1,708	Diseases of heart 14,693
2	Diseases of heart 2,340	Diseases of heart 1,125	Malignant neoplasms 2,390	Diseases of heart 3,646	Malignant neoplasms 1,651	Malignant neoplasms 1,358	Malignant neoplasms 1,369	Malignant neoplasms 14,588
3	Chronic lower respiratory diseases 777	Accident 344	Chronic lower respiratory diseases 769	Chronic lower respiratory diseases 995	Accident 647	Accident 476	Accident 489	Chronic lower respiratory diseases 4,367
4	Cerebrovascular diseases 626	Chronic lower respiratory diseases 335	Accident 610	(Tie) Accident; Alzheimer's disease 967	Chronic lower respiratory diseases 553	Chronic lower respiratory diseases 451	Chronic lower respiratory diseases 487	Accident 4,104
5	Accident 571	Cerebrovascular diseases 283	Cerebrovascular diseases 540		Cerebrovascular diseases 382	Cerebrovascular diseases 397	Cerebrovascular diseases 331	Cerebrovascular diseases 3,403
6	Diabetes mellitus 389	Diabetes mellitus 175	Alzheimer's disease 531	Cerebrovascular diseases 844	Alzheimer's disease 351	Diabetes mellitus 281	Diabetes mellitus 256	Alzheimer's disease 2,874
7	Alzheimer's disease 337	Alzheimer's disease 174	Diabetes mellitus 314	Suicide 503	Diabetes mellitus 223	Alzheimer's disease 279	Alzheimer's disease 235	Diabetes mellitus 1,992
8	Suicide 277	Suicide 139	Suicide 270	Diabetes mellitus 354	Suicide 219	Suicide 224	Suicide 212	Suicide 1,844
9	Chronic liver disease and cirrhosis 203	Influenza and pneumonia 121	Chronic liver disease and cirrhosis 177	Parkinson's disease 267	Influenza and pneumonia 165	Influenza and pneumonia 160	Nephritis, nephrotic syndrome, nephrosis 146	Influenza and pneumonia 1,114
10	Influenza and pneumonia 169	Parkinson's disease 77	Influenza and pneumonia 163	Chronic liver disease and cirrhosis 249	Chronic liver disease and cirrhosis 104	Chronic liver disease and cirrhosis 151	Chronic liver disease and cirrhosis 104	Chronic liver disease and cirrhosis 1,051
Residual**	2,921	1,388	2,651	4,022	2,081	2,000	2,097	17,251
Total	11,407	5,390	10,982	16,608	8,033	7,427	7,434	67,281

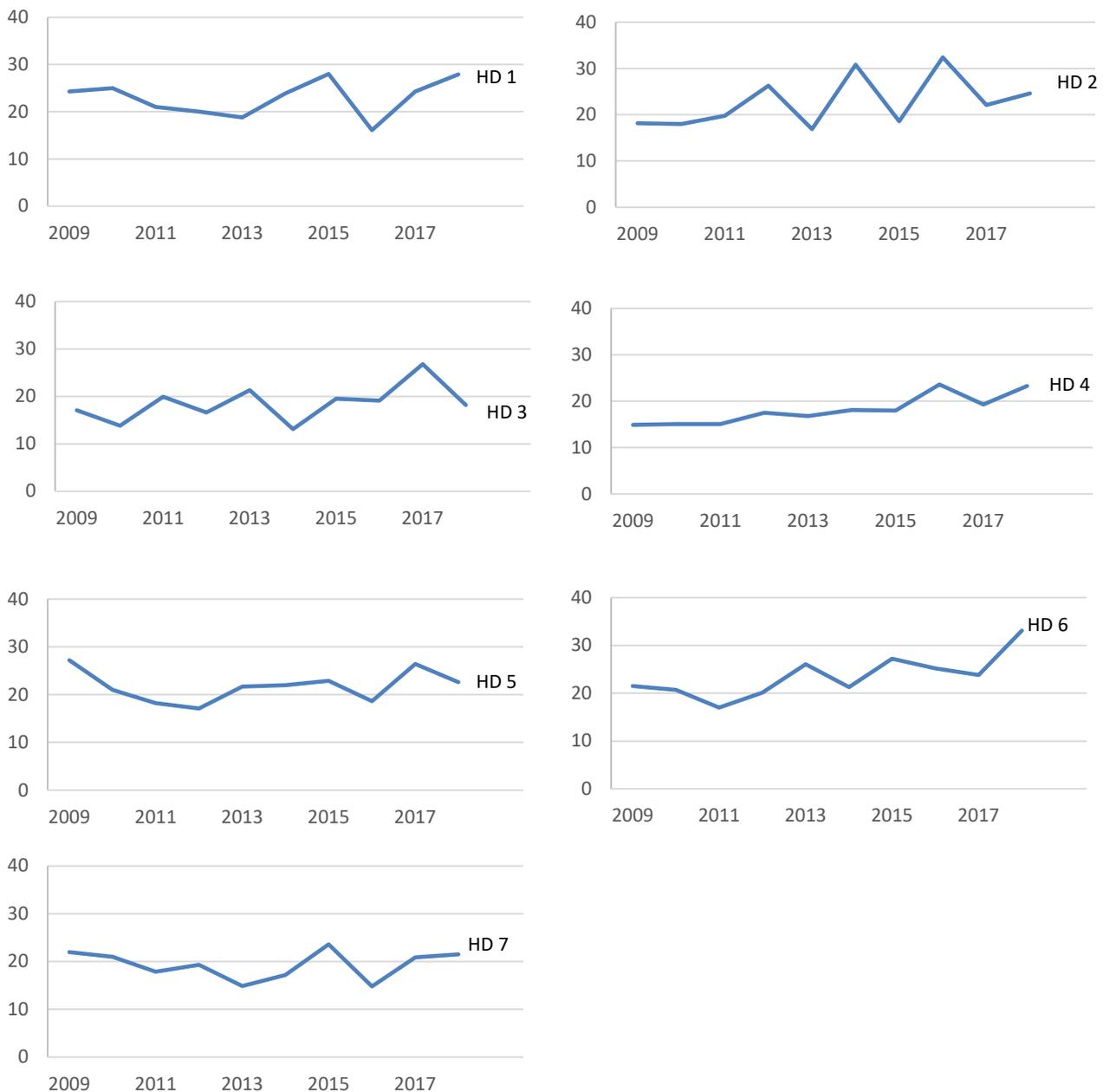
\*Nephritis is short for "Nephritis, nephrotic syndrome, nephrosis".

\*\*Total number of deaths for all other leading causes not listed and all other causes not ranked for leading cause of death.

Table 3. Suicide Mortality and Crude Rates by Public Health District (HD) by Year: Idaho Residents, 2009-2018.

Year	HD 1		HD 2		HD 3		HD 4		HD 5		HD 6		HD 7	
	Deaths	Rate												
2009	52	24.3	19	18.2	43	17.1	64	14.9	49	27.2	36	21.5	44	22.0
2010	53	25.0	19	18.0	35	13.8	66	15.1	39	21.0	35	20.7	43	21.0
2011	45	21.0	21	19.8	51	19.9	67	15.1	34	18.2	29	17.0	37	17.9
2012	43	20.0	28	26.3	43	16.6	79	17.5	32	17.1	34	20.1	40	19.3
2013	41	18.8	18	16.9	56	21.3	77	16.8	41	21.7	44	26.1	31	14.9
2014	53	23.9	33	30.8	35	13.1	85	18.1	42	22.0	36	21.3	36	17.2
2015	63	28.0	20	18.6	53	19.5	86	18.0	44	22.9	46	27.2	50	23.6
2016	37	16.1	35	32.4	53	19.1	115	23.6	36	18.6	43	25.2	32	14.8
2017	57	24.3	24	22.1	76	26.8	97	19.3	52	26.4	41	23.8	46	20.9
2018	67	27.9	27	24.6	53	18.2	120	23.3	45	22.6	58	33.1	48	21.5

Figure 5. Suicide Mortality Rates by Public Health District (HD) by Year: Idaho Residents, 2009-2018.



Rate: Number of deaths per 100,000 population.

Table 4. Suicide Mortality and Rate by City of Residence: Idaho Residents, Five-year Aggregate, 2014-2018.

City	Deaths	Population	Rate	City	Deaths	Population	Rate
Total	1,844	8,443,685	21.8	Bonniers Ferry	11	12,730	86.4
Boise	288	1,121,548	25.7	Hailey	11	41,293	26.6
Nampa	109	458,305	23.8	Filer	10	13,715	72.9
Idaho Falls	105	300,681	34.9	Garden City	10	58,716	17.0
Pocatello	99	275,901	35.9	Orofino	10	15,544	64.3
Meridian	84	485,035	17.3	Fort Hall	9	NA	NA
Twin Falls	78	241,057	32.4	Fruitland	9	25,973	34.7
Coeur D'Alene	68	248,153	27.4	Grangeville	9	15,823	56.9
Caldwell	62	266,043	23.3	Soda Springs	9	14,977	60.1
Lewiston	44	163,060	27.0	Athol	8	3,715	215.3
Post Falls	37	159,739	23.2	Homedale	8	13,033	61.4
Kuna	36	92,227	39.0	Shelley	8	21,838	36.6
Eagle	29	125,377	23.1	American Falls	7	21,730	32.2
Blackfoot	28	59,312	47.2	Osburn	7	7,591	92.2
Mountain Home	24	70,011	34.3	Priest River	7	8,938	78.3
Burley	22	52,104	42.2	Gooding	6	17,421	34.4
Rathdrum	21	39,539	53.1	Heyburn	6	16,399	36.6
Moscow	20	125,913	15.9	Kamiah	6	6,407	93.6
Sandpoint	20	40,712	49.1	Kellogg	6	10,419	57.6
Ammon	19	77,041	24.7	Kooskia	6	3,278	183.0
Emmett	18	33,374	53.9	Star	6	42,533	14.1
Hayden	18	71,929	25.0	Iona	5	10,873	46.0
Chubbuck	17	73,679	23.1	Ketchum	5	13,805	36.2
Rexburg	17	139,756	12.2	McCall	5	16,146	31.0
Rigby	17	20,233	84.0	Pinehurst	5	7,913	63.2
Jerome	15	57,519	26.1	Plummer	5	5,071	98.6
Buhl	13	21,738	59.8	Spirit Lake	5	11,130	44.9
Middleton	13	35,594	36.5	St. Anthony	5	17,555	28.5
Payette	13	36,974	35.2	Victor	5	10,467	47.8
Preston	13	26,620	48.8	Wendell	5	13,605	36.8
St. Maries	13	12,130	107.2				
Rupert	12	28,894	41.5				
Salmon	12	15,394	78.0	All Other	246		

NA: not available.

Rate: number of deaths per 100,000 population. City population is based on population within city limits from 2014-2018. City of residence is based on city of residence reported on the death certificate; however it is possible the residence is physically located outside of city limits.

Table 5. Suicide Mortality by Age Group, Public Health District, Race, Ethnicity, and Mechanism of Injury by Sex: Idaho Residents, 2018.

	TOTAL		MALE		FEMALE	
	Deaths	Rate or Percent	Deaths	Rate or Percent	Deaths	Rate or Percent
Total Deaths	14,263		7,537		6,726	
Suicide Deaths	418		326		92	
All Other Causes of Death	13,845		7,211		6,634	
Percentage All Deaths From Suicide		2.9%		4.3%		1.4%
Crude Rate Per 100,000		23.8		37.1		10.5
Suicide Rank for Leading Cause of Death	7th		5th		10th	
<b>Age Group</b>						
<15	9	6.9	5	7.5	4	6.3
15-24	78	32.6	64	51.7	14	12.1
25-34	65	28.1	56	47.5	9	7.9
35-44	55	25.0	40	35.9	15	13.8
45-54	75	37.5	53	52.8	22	22.1
55-64	52	24.2	35	33.4	17	15.4
65-74	45	26.8	39	47.4	6	7.0
75-84	26	32.3	24	63.0	2	4.7
85+	13	44.2	10	86.9	3	16.8
<b>Public Health District of Residence</b>						
District 1	67	27.9	49	41.1	18	14.9
District 2	27	24.6	23	41.2	4	7.4
District 3	53	18.2	41	28.4	12	8.2
District 4	120	23.3	91	35.1	29	11.3
District 5	45	22.6	37	37.1	8	8.1
District 6	58	33.1	48	54.8	10	11.4
District 7	48	21.5	37	32.8	11	9.9
<b>Race and Ethnicity</b>						
Non-Hispanic	392	25.6	303	39.7	89	11.6
Non-Hispanic White	370	25.4	286	39.3	84	11.5
Non-Hispanic Black	3	16.2	1	9.7	2	24.6
Non-Hispanic American Indian or Alaska Native	17	75.9	15	134.3	2	17.8
Non-Hispanic Asian or Pacific Islander	1	3.0	1	6.8	-	-
Hispanic	26	11.7	23	20.0	3	2.8
<b>Mechanism and Percent of Suicide Deaths</b>						
Firearm	250	59.8%	209	64.1%	41	44.6%
Poisoning*	51	12.2%	29	8.9%	22	23.9%
Hanging, strangulation, & suffocation	97	23.2%	74	22.7%	23	25.0%
Jumping from high place	5	1.2%	4	1.2%	1	1.1%
Drowning	5	1.2%	2	0.6%	3	3.3%
Cutting (sharp object)	6	1.4%	4	1.2%	2	2.2%
All other means	4	1.0%	4	1.2%	-	0.0%

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.

\*Poisoning includes poisoning by drugs, alcohol, gases, and vapors.

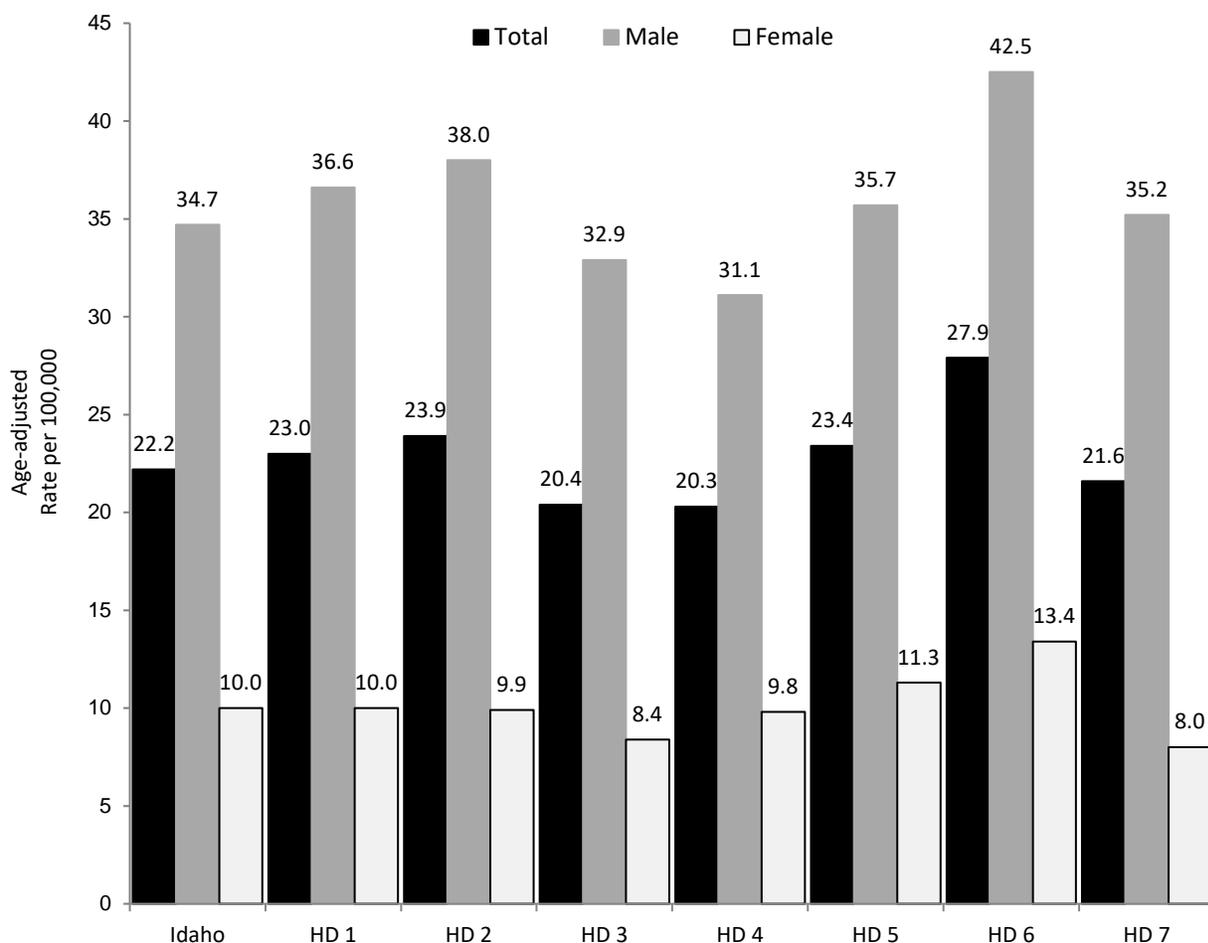
Table 6. Suicide Mortality by Public Health District and County of Residence by Age Group: Idaho Residents, Five-year Aggregate, 2014-2018.

RESIDENCE	AGE GROUP												
	Total	Age Under 25 Years					25-34	35-44	45-54	55-64	65-74	75-84	85+
		Total < 25	<15	15-17	18-19	20-24							
Total	1,844	311	31	67	48	165	277	321	341	276	176	94	48
District 1	277	49	5	12	9	23	33	26	55	56	29	15	14
District 2	139	25	3	5	2	15	11	15	25	26	18	12	7
District 3	270	40	4	7	5	24	42	59	46	41	21	18	3
District 4	503	69	4	15	14	36	77	94	99	75	51	24	14
District 5	219	42	6	4	6	26	32	34	42	28	26	10	5
District 6	224	46	6	12	4	24	48	45	35	28	14	7	1
District 7	212	40	3	12	8	17	34	48	39	22	17	8	4
Ada	454	66	4	14	13	35	66	85	92	67	45	21	12
Adams	9	-	-	-	-	-	1	-	1	4	1	2	-
Bannock	127	24	4	5	2	13	28	28	17	17	9	3	1
Bear Lake	6	2	-	-	-	2	-	3	-	-	1	-	-
Benewah	16	4	-	1	-	3	2	1	1	4	2	1	1
Bingham	49	11	1	6	-	4	10	9	9	6	3	1	-
Blaine	21	5	1	-	2	2	2	2	7	2	2	-	1
Boise	11	-	-	-	-	-	1	4	4	2	-	-	-
Bonner	51	9	1	5	1	2	4	5	10	12	4	3	4
Bonneville	132	29	2	7	4	16	24	31	20	14	8	4	2
Boundary	16	1	-	-	1	-	2	4	3	2	3	-	1
Butte	1	-	-	-	-	-	-	-	-	-	-	1	-
Camas	-	-	-	-	-	-	-	-	-	-	-	-	-
Canyon	193	25	3	5	2	15	32	47	35	29	11	11	3
Caribou	11	3	-	-	1	2	2	2	2	1	-	1	-
Cassia	27	8	1	2	-	5	6	2	5	1	3	2	-
Clark	1	-	-	-	-	-	1	-	-	-	-	-	-
Clearwater	19	2	-	2	-	-	1	1	2	6	4	3	-
Custer	9	-	-	-	-	-	2	2	3	-	1	1	-
Elmore	28	2	-	1	-	1	10	4	2	3	3	2	2
Franklin	16	5	-	1	1	3	4	3	2	2	-	-	-
Fremont	8	2	-	1	-	1	-	3	2	-	-	-	1
Gem	21	4	-	1	1	2	2	3	1	3	6	2	-
Gooding	15	4	-	1	-	3	3	1	1	5	1	-	-
Idaho	32	6	1	1	1	3	1	5	5	6	6	2	1
Jefferson	21	4	-	2	2	-	5	5	3	4	-	-	-
Jerome	19	3	1	1	-	1	6	3	1	2	2	1	1
Kootenai	168	30	4	6	6	14	21	13	39	31	17	10	7
Latah	32	7	-	-	-	7	4	3	7	4	4	-	3
Lemhi	16	-	-	-	-	-	1	-	3	1	7	3	1
Lewis	4	-	-	-	-	-	-	-	1	2	-	1	-
Lincoln	8	-	-	-	-	-	2	1	1	2	1	1	-
Madison	15	5	1	2	2	-	1	4	2	3	-	-	-
Minidoka	22	8	2	-	3	3	3	3	3	3	1	1	-
Nez Perce	52	10	2	2	1	5	5	6	10	8	4	6	3
Oneida	5	1	1	-	-	-	2	-	2	-	-	-	-
Owyhee	15	2	-	-	1	1	2	3	3	3	2	-	-
Payette	27	9	1	1	1	6	4	4	4	2	1	3	-
Power	9	-	-	-	-	-	2	-	3	2	1	1	-
Shoshone	26	5	-	-	1	4	4	3	2	7	3	1	1
Teton	10	-	-	-	-	-	-	3	6	-	1	-	-
Twin Falls	107	14	1	-	1	12	10	22	24	13	16	5	3
Valley	10	1	-	-	1	-	-	1	1	3	3	1	-
Washington	5	-	-	-	-	-	1	2	2	-	-	-	-

Table 7. Suicide Mortality and Age-adjusted Rates by Public Health District of Residence and Sex: Idaho Residents, Five-year Aggregate, 2014-2018.

Residence	TOTAL		MALE		FEMALE	
	Deaths	Age-adjusted Rate	Deaths	Age-adjusted Rate	Deaths	Age-adjusted Rate
Total	1,844	22.2	1,439	34.7	405	10.0
District 1	277	23.0	214	36.6	63	10.0
District 2	139	23.9	112	38.0	27	9.9
District 3	270	20.4	217	32.9	53	8.4
District 4	503	20.3	383	31.1	120	9.8
District 5	219	23.4	168	35.7	51	11.3
District 6	224	27.9	171	42.5	53	13.4
District 7	212	21.6	174	35.2	38	8.0

Figure 6. Suicide Age-adjusted Mortality Rates by Sex and Public Health District of Residence (HD): Idaho Residents, Five-year Aggregate, 2014-2018.

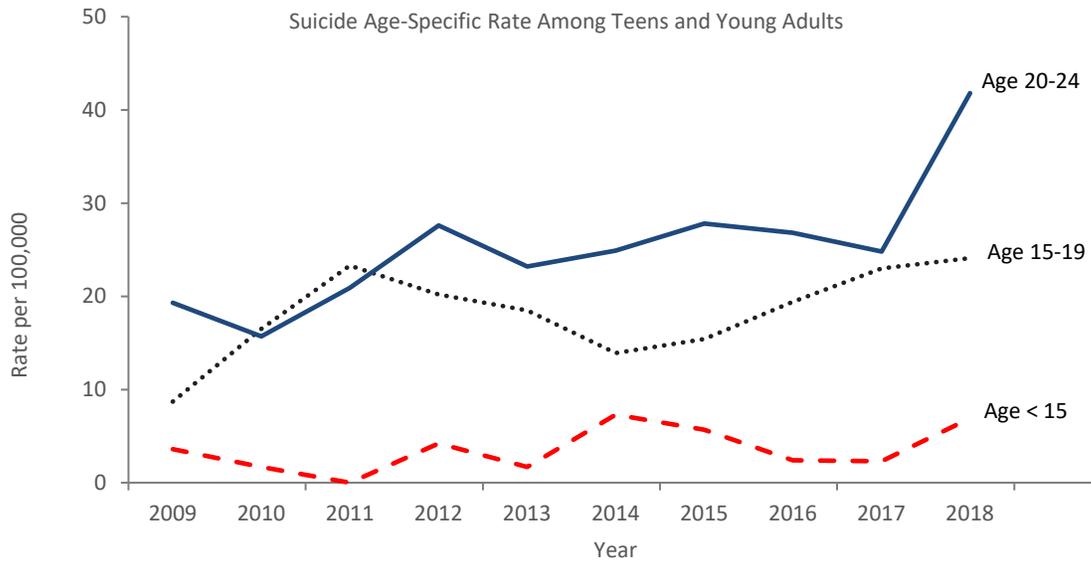


Age-adjusted rate: Number of deaths per 100,000 population age-adjusted to the U.S. 2000 Standard population. Rates for males and females are per 100,000 males and females, respectively.

Table 8. Suicide Mortality and Age-Specific Rates Among Teens and Young Adults by Year: Idaho Residents, 2009-2018.

Year	<15		15-19		20-24	
	Deaths	Rate	Deaths	Rate	Deaths	Rate
2009	4	3.6	10	8.7	22	19.3
2010	2	1.7	19	16.5	17	15.7
2011	0	0.0	27	23.3	23	20.9
2012	5	4.2	23	20.2	31	27.6
2013	2	1.7	21	18.5	26	23.2
2014	9	7.3	16	13.9	28	24.9
2015	7	5.7	18	15.4	31	27.8
2016	3	2.4	23	19.4	30	26.8
2017	3	2.3	28	23.0	28	24.8
2018	9	6.9	30	24.1	48	41.8

Figure 7. Age-Specific Suicide Mortality Rates Among Teens and Young Adults by Year: Idaho Residents, 2009-2018.

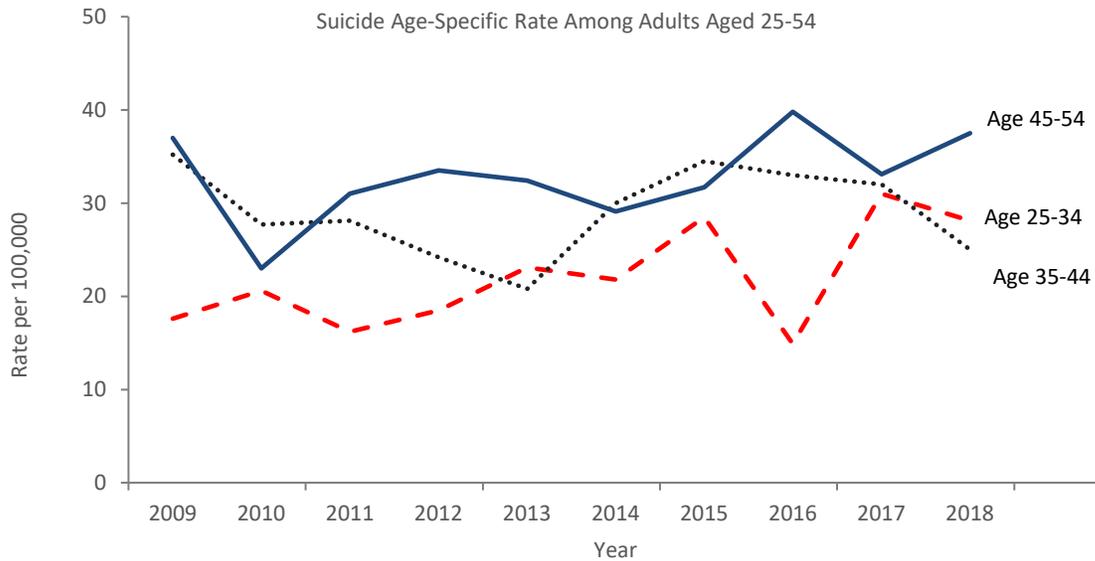


Age-specific rates for under age 15 are based on persons aged under 15 for deaths and aged 10-14 for population.

Table 9. Suicide Mortality and Age-Specific Rates Among Adults Aged 25-54 by Year: Idaho Residents, 2009-2018.

Year	25-34		35-44		45-54	
	Deaths	Rate	Deaths	Rate	Deaths	Rate
2009	37	17.6	67	35.2	76	37.0
2010	43	20.6	53	27.7	48	23.0
2011	34	16.2	54	28.1	64	31.0
2012	39	18.5	47	24.2	68	33.5
2013	49	23.1	41	20.8	65	32.4
2014	47	21.8	60	30.0	58	29.1
2015	62	28.5	70	34.5	63	31.7
2016	33	14.9	68	33.0	79	39.8
2017	70	31.0	68	32.0	66	33.1
2018	65	28.1	55	25.0	75	37.5

Figure 8. Age-Specific Suicide Mortality Rates Among Adults Aged 25-54 by Year: Idaho Residents, 2009-2018.

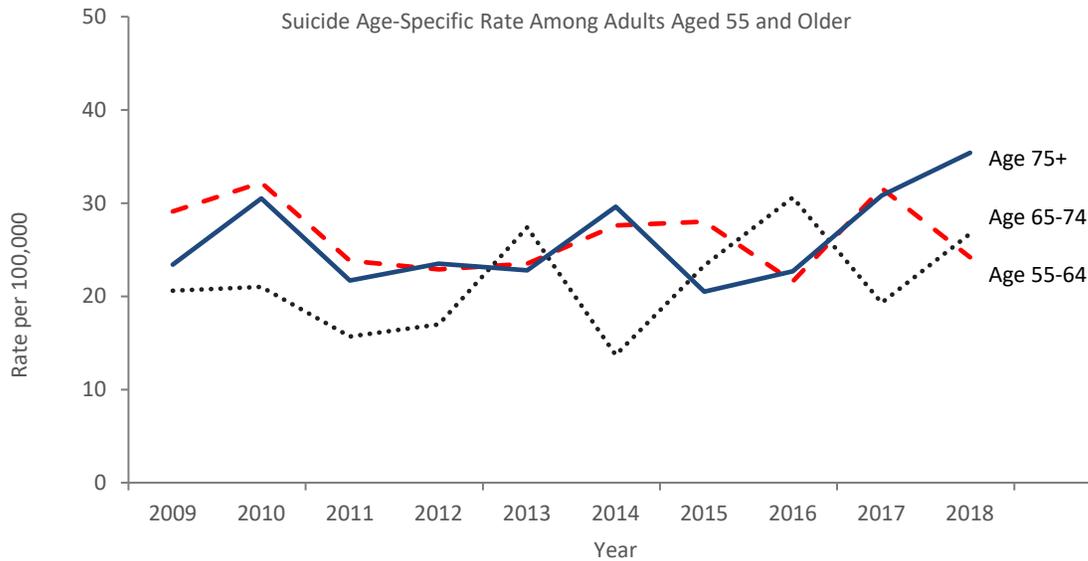


Age-specific rate: Number of deaths per 100,000 population in the age group.

Table 10. Suicide Mortality and Age-Specific Rates Among Adults Aged 55 and Older by Year: Idaho Residents, 2009-2018.

Year	55-64		65-74		75+	
	Deaths	Rate	Deaths	Rate	Deaths	Rate
2009	50	29.1	21	20.6	20	23.4
2010	58	32.2	23	21.0	26	30.5
2011	45	23.8	18	15.7	19	21.7
2012	44	22.9	21	17.0	21	23.5
2013	46	23.5	36	27.4	21	22.8
2014	55	27.6	19	13.7	28	29.6
2015	57	28.0	34	23.3	20	20.5
2016	45	21.6	47	30.6	23	22.7
2017	67	31.6	31	19.3	32	30.8
2018	52	24.2	45	26.7	39	35.4

Figure 9. Age-Specific Suicide Mortality Rates Among Adults Aged 55 and Older by Year: Idaho Residents, 2009-2018.

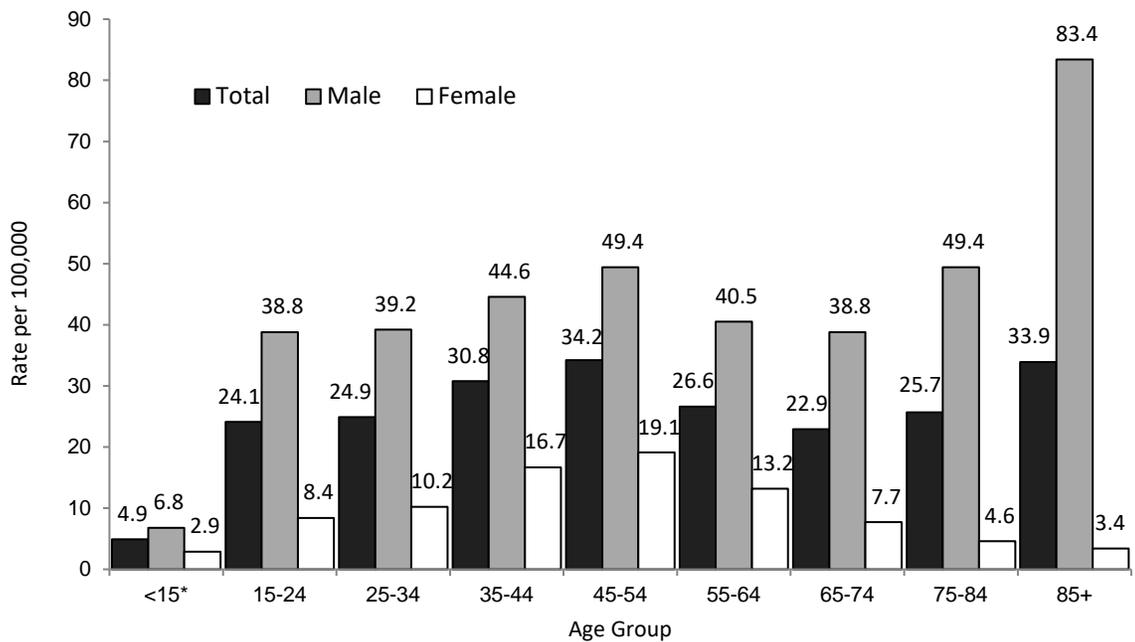


Age-specific rate: Number of deaths per 100,000 population in the age group.

Table 11. Suicide Mortality and Age-Specific Rates by Sex: Idaho Residents, Five-year Aggregate, 2014-2018.

Age	TOTAL		MALE		FEMALE	
	Deaths	Age-specific Rate	Deaths	Age-specific Rate	Deaths	Age-specific Rate
Total	1,844	21.8	1,439	34.0	405	9.6
<15*	31	4.9	22	6.8	9	2.9
15-24	280	24.1	233	38.8	47	8.4
25-34	277	24.9	221	39.2	56	10.2
35-44	321	30.8	235	44.6	86	16.7
45-54	341	34.2	246	49.4	95	19.1
55-64	276	26.6	206	40.5	70	13.2
65-74	176	22.9	146	38.8	30	7.7
75-84	94	25.7	85	49.4	9	4.6
85+	48	33.9	45	83.4	3	3.4

Figure 10. Suicide Age-Specific Mortality Rates by Sex: Idaho Residents, Five-year Aggregate, 2014-2018.



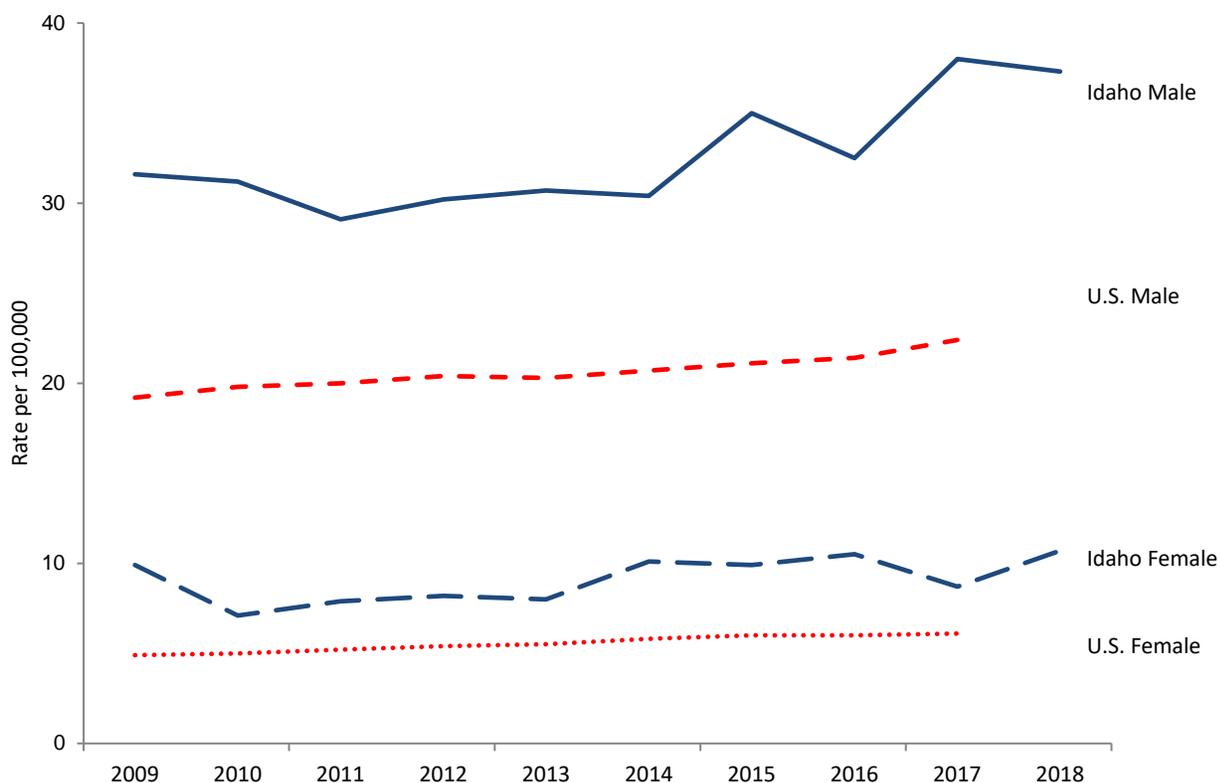
Rate: Number of deaths per 100,000 population. Rates for men and women are per 100,000 within specified gender and age groups.

\*Age-specific rates for under age 15 are based on persons aged under 15 for deaths and aged 10-14 for population.

Table 12. Suicide Mortality, Crude Rate, and Age-adjusted Rate by Sex and Year: Idaho and U.S. Residents, 2009-2018.

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
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	19.9	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	20.4	64	8.0	8.2	8,820	5.5	5.4
2013	244	30.2	30.7	32,055	20.6	20.3	64	7.9	8.0	9,094	5.7	5.5
2014	240	29.3	30.4	33,162	21.1	20.7	80	9.8	10.1	9,664	6.0	5.8
2015	284	34.3	35.0	33,994	21.5	21.1	78	9.4	9.9	10,199	6.2	6.0
2016	268	31.8	32.5	34,727	21.8	21.4	83	9.9	10.5	10,238	6.2	6.0
2017	321	37.3	38.0	36,782	22.9	22.4	72	8.4	8.7	10,391	6.3	6.1
2018	326	37.1	37.3	NA	NA	NA	92	10.5	10.7	NA	NA	NA

Figure 11. Age-adjusted Suicide Mortality Rates by Sex: Idaho and U.S. Residents, 2009-2018.



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.

NA: not available at the date of publication.

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

Table 13. Suicide Mortality Among Males by Public Health District, Military Status, and Mechanism by Age Group (Youth, Young Working Age, Working Age, and Seniors): Idaho Resident Males, Five-year Aggregate, 2014-2018.

Rate, Rank, Public Health District, Military Status, and Mechanism	MALES BY AGE GROUP							
	10-17		18-24		25-64		65+	
	Deaths	Rate or Percent	Deaths	Rate or Percent	Deaths	Rate or Percent	Deaths	Rate or Percent
Total Deaths	210		516		8,999		25,056	
Suicide Deaths	74		181		908		276	
All Other Causes of Death	136		335		8,091		24,780	
Percentage All Deaths From Suicide		35.2%		35.1%		10.1%		1.1%
Suicide Rate Per 100,000 population		14.4		44.1		43.3		45.8
Suicide Rank for Leading Cause of Death	2nd		2nd		4th		11th	
Public Health District of Residence								
District 1	11	17.8	29	64.9	123	42.9	51	47.1
District 2	5	20.1	14	34.7	59	45.1	34	69.3
District 3	10	10.9	27	42.1	143	43.4	37	38.1
District 4	15	10.5	40	35.5	252	38.3	76	48.4
District 5	8	12.8	27	62.9	99	41.9	34	49.3
District 6	11	19.2	24	58.8	117	57.3	19	32.9
District 7	14	19.7	20	30.8	115	45.7	25	39.3
Males Who Were Ever in the U.S. Armed Forces*								
Total Deaths	NA		27		1,732		16,012	
Suicide Deaths	NA		18		146		157	
All Other Causes of Death	NA		9		1,586		15,855	
Percentage All Deaths From Suicide		NA		66.7%		8.4%		1.0%
Mechanism of Suicide								
Firearm	44	59.5%	118	65.2%	546	60.1%	236	85.5%
Poisoning**	-	0.0%	7	3.9%	118	13.0%	17	6.2%
Hanging, strangulation, and suffocation	29	39.2%	50	27.6%	205	22.6%	15	5.4%
Jumping from high place	-	0.0%	2	1.1%	4	0.4%	4	1.4%
Drowning	1	1.4%	2	1.1%	4	0.4%	1	0.4%
Cutting (sharp object)	-	0.0%	-	0.0%	21	2.3%	1	0.4%
All other means	-	0.0%	2	1.1%	10	1.1%	2	0.7%

\* Males ever in the U.S. Armed Forces is based on the question "Ever in the U.S. Armed Forces" on the death certificate; the decedent may or may not have been in the U.S. Armed Forces at the time of death.

\*\*Poisoning includes poisoning by drugs, alcohol, gases, and vapors.

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

NA: not applicable (there were no deaths).

Table 14. Suicide Mortality Among Females by Public Health District, Military Status, and Mechanism by Age Group (Youth, Young Working Age, Working Age, and Seniors): Idaho Resident Females, Five-year Aggregate, 2014-2018.

Rate, Rank, Public Health District, Military Status, and Mechanism	FEMALES BY AGE GROUP							
	10-17		18-24		25-64		65+	
	Deaths	Rate or Percent	Deaths	Rate or Percent	Deaths	Rate or Percent	Deaths	Rate or Percent
Total Deaths	105		184		5,762		25,697	
Suicide Deaths	24		32		307		42	
All Other Causes of Death	81		152		5,455		25,655	
Percentage All Deaths From Suicide		22.9%		17.4%		5.3%		0.2%
Suicide Rate Per 100,000 population		4.9		8.4		14.7		6.2
Suicide Rank for Leading Cause of Death	2nd		2nd		4th		20th	
Public Health District of Residence								
District 1	6	10.2	3	7.4	47	15.8	7	6.0
District 2	3	13.1	3	8.6	18	14.3	3	5.8
District 3	1	1.1	2	3.3	45	13.3	5	4.6
District 4	4	2.9	10	10.0	93	14.4	13	7.1
District 5	2	3.3	5	12.6	37	16.0	7	9.0
District 6	7	13.0	4	10.6	39	19.0	3	4.7
District 7	1	1.5	5	7.6	28	11.5	4	5.7
Females Who Were Ever in the U.S. Armed Forces*								
Total Deaths	NA		2		135		456	
Suicide Deaths	NA		1		17		-	
All Other Causes of Death	NA		1		118		456	
Percentage All Deaths From Suicide		NA		50.0%		12.6%		0.0%
Mechanism of Suicide								
Firearm	10	41.7%	9	28.1%	122	39.7%	21	50.0%
Poisoning**	1	4.2%	6	18.8%	106	34.5%	15	35.7%
Hanging, strangulation, and suffocation	11	45.8%	14	43.8%	58	18.9%	3	7.1%
Jumping from high place	1	4.2%	2	6.3%	4	1.3%	-	0.0%
Drowning	-	0.0%	-	0.0%	4	1.3%	2	4.8%
Cutting (sharp object)	-	0.0%	-	0.0%	4	1.3%	-	0.0%
All other means	1	4.2%	1	3.1%	9	2.9%	1	2.4%

\* Females ever in the U.S. Armed Forces is based on the question "Ever in the U.S. Armed Forces"; the decedent may or may not have been in the U.S. Armed Forces at the time of death.

\*\*Poisoning includes poisoning by drugs, alcohol, gases, and vapors.

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

NA: not applicable (there were no deaths).

Table 15. Suicide Mortality and Crude Rates, Age-adjusted Rates (AAR), by Race (Non-Hispanic), Ethnicity, and Sex: Idaho Residents, Five-year Aggregate, 2014-2018.

RACE AND ETHNICITY	TOTAL			MALE			FEMALE		
	Deaths	Crude Rate	AAR	Deaths	Crude Rate	AAR	Deaths	Crude Rate	AAR
Total	1,844	21.8	22.2	1,439	34.0	34.7	405	9.6	10.0
Non-Hispanic	1,746	23.6	23.7	1,358	36.8	36.9	388	10.5	10.8
Non-Hispanic White	1,682	23.8	23.8	1,312	37.3	37.3	370	10.5	10.7
Non-Hispanic Black	9	10.7	*	6	12.6	*	3	8.2	*
Non-Hispanic American Indian or Alaska Native	47	43.2	44.6	36	66.3	66.6	11	20.1	*
Non-Hispanic Asian or Pacific Islander	7	4.6	*	4	5.8	*	3	3.6	*
Hispanic	97	9.3	10.0	80	14.8	15.9	17	3.4	*

Crude rate: number of deaths per 100,000 population for the specified race, ethnic, and gender.

Age-adjusted rate (AAR): number of deaths per 100,000 population and aged-adjusted to the 2000 U.S. standard population. Rates are based on 100,000 population for the specified race, ethnic, and gender.

\* Age-adjusted rates based on less than 20 deaths are not calculated.

Table 16. Suicide Mortality by Race, Ethnicity, and Age Group: Idaho Residents, Five-year Aggregate, 2014-2018.

RACE AND ETHNICITY	AGE GROUP										
	<15	15-17	18-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Total	31	67	48	165	277	321	341	276	176	94	48
Non-Hispanic	30	58	46	142	257	301	327	272	172	93	48
Non-Hispanic White	30	53	44	132	240	290	315	267	170	93	48
Non-Hispanic Black	-	2	1	3	2	-	-	1	-	-	-
Non-Hispanic American Indian or Alaska Native	-	3	1	6	15	8	11	2	1	-	-
Non-Hispanic Asian or Pacific Islander	-	-	-	1	-	3	-	2	1	-	-
Hispanic	1	9	2	23	20	19	14	4	4	1	-

Deaths with multiple race, or unknown race or ethnicity are included in total deaths, but are not shown in the table. From 2014-2018, there were 2 deaths with unknown ethnicity or multiple race.

Table 17. Suicide Mortality and Crude Rates by Race (Non-Hispanic) and Ethnicity by Public Health District: Idaho Residents, Five-year Aggregate, 2014-2018.

Suicide Deaths							
Residence	Total Deaths	Total Non-Hispanic	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic American Indian or Alaska Native	Non-Hispanic Asian or Pacific Islander	Hispanic
Total	1,844	1,746	1,682	9	47	7	97
District 1	277	274	266	1	7	-	3
District 2	139	136	127	1	6	1	3
District 3	270	249	242	1	4	2	21
District 4	503	486	476	5	3	2	16
District 5	219	194	189	1	4	-	25
District 6	224	208	185	-	23	-	16
District 7	212	199	197	-	-	2	13

Suicide Death Crude Rates							
Residence	Total	Total Non-Hispanic	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic American Indian or Alaska Native	Non-Hispanic Asian or Pacific Islander	Hispanic
Total	21.8	23.6	23.8	10.7	43.2	4.6	9.3
District 1	24.1	24.8	25.0	14.1	35.8	0.0	6.3
District 2	25.7	26.2	26.1	19.1	33.0	11.7	13.9
District 3	19.4	23.2	23.4	9.6	30.2	11.5	6.6
District 4	20.5	21.6	22.6	12.3	19.0	2.5	7.8
District 5	22.5	26.1	26.3	16.7	58.6	0.0	10.9
District 6	26.2	27.5	26.0	0.0	80.8	0.0	16.2
District 7	19.6	20.8	21.2	0.0	0.0	17.0	10.6

Crude rate: number of deaths per 100,000 in the race/ethnicity group and district population.

Table 18. Suicide Mortality by County of Residence by Race (Non-Hispanic) and Hispanic Ethnicity: Idaho Residents, Five-year Aggregate, 2014-2018.

Residence	Total	Non-Hispanic		American Indian or Alaskan			Hispanic
		Total	White*	Black*	Native*	Asian or Pacific Islander*	
Total	1,844	1,746	1,682	9	47	7	97
Ada**	454	437	429	4	2	2	16
Adams	9	9	9	-	-	-	-
Bannock	127	119	101	-	18	-	8
Bear Lake	6	6	6	-	-	-	-
Benewah	16	16	12	-	4	-	-
Bingham	49	42	37	-	5	-	7
Blaine	21	21	21	-	-	-	-
Boise	11	11	10	-	1	-	-
Bonner	51	50	49	1	-	-	1
Bonneville	132	120	119	-	-	1	12
Boundary	16	16	16	-	-	-	-
Butte	1	1	1	-	-	-	-
Camas	-	-	-	-	-	-	-
Canyon	193	178	172	1	3	2	15
Caribou	11	11	11	-	-	-	-
Cassia	27	18	18	-	-	-	9
Clark	1	1	1	-	-	-	-
Clearwater	19	18	18	-	-	-	1
Custer	9	9	9	-	-	-	-
Elmore	28	28	27	1	-	-	-
Franklin	16	16	16	-	-	-	-
Fremont	8	8	8	-	-	-	-
Gem	21	20	20	-	-	-	1
Gooding	15	15	13	1	1	-	-
Idaho**	32	32	30	-	1	-	-
Jefferson	21	20	20	-	-	-	1
Jerome	19	17	17	-	-	-	2
Kootenai	168	167	164	-	3	-	1
Latah	32	31	29	1	-	1	1
Lemhi	16	16	16	-	-	-	-
Lewis	4	4	4	-	-	-	-
Lincoln	8	7	7	-	-	-	1
Madison	15	15	14	-	-	1	-
Minidoka	22	21	19	-	2	-	1
Nez Perce	52	51	46	-	5	-	1
Oneida	5	5	5	-	-	-	-
Owyhee	15	13	12	-	1	-	2
Payette	27	25	25	-	-	-	2
Power	9	8	8	-	-	-	1
Shoshone	26	25	25	-	-	-	1
Teton	10	10	10	-	-	-	-
Twin Falls	107	95	94	-	1	-	12
Valley	10	10	10	-	-	-	-
Washington	5	4	4	-	-	-	1

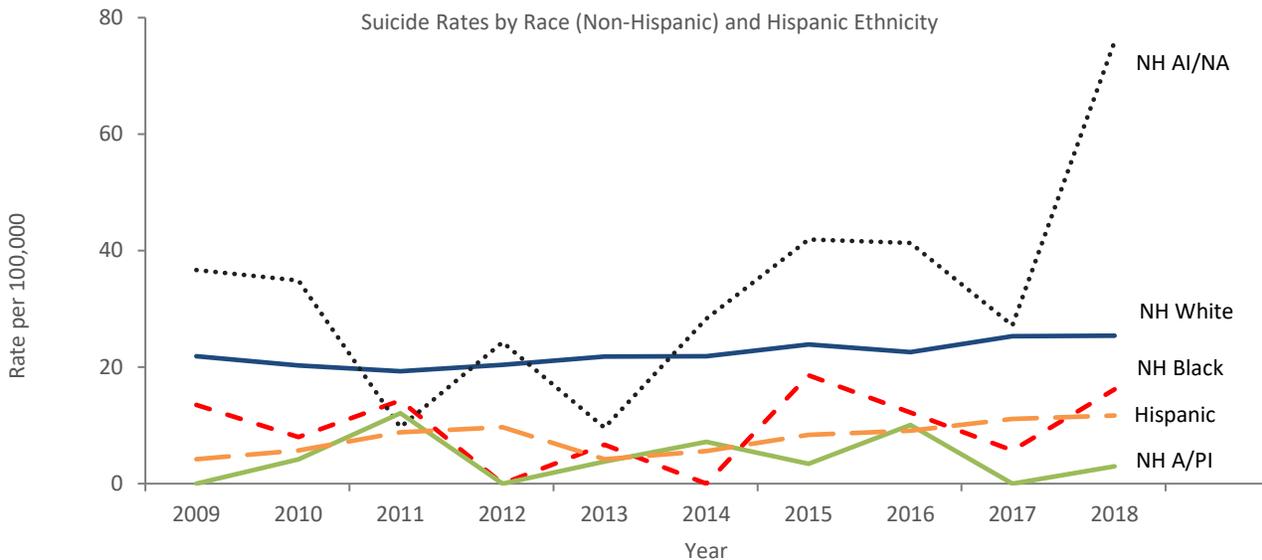
\*Race is based on non-Hispanic ethnicity.

\*\*There was one death for Ada County, District 4 with unknown ethnicity and one death for Idaho County, District 2 with multiple race which are not shown in the table, but are included in total deaths.

Table 19. Suicide Mortality and Crude Rates by Race (Non-Hispanic) and Hispanic Ethnicity by Year: Idaho Residents, 2009-2018.

Year	Non-Hispanic White		Non-Hispanic Black		Non-Hispanic American Indian or Alaskan Native		Non-Hispanic Asian or Pacific Islander		Hispanic	
	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate
2009	290	21.9	2	13.5	8	36.7	-	0.0	7	4.2
2010	271	20.3	1	8.0	7	34.9	1	4.2	10	5.7
2011	259	19.3	2	14.3	2	9.7	3	12.1	16	8.8
2012	276	20.4	-	0.0	5	24.3	-	0.0	18	9.7
2013	296	21.8	1	6.7	2	9.6	1	3.8	8	4.2
2014	301	21.9	-	0.0	6	28.3	2	7.2	11	5.6
2015	331	23.9	3	18.6	9	41.9	1	3.4	17	8.4
2016	318	22.6	2	12.2	9	41.3	3	10.1	19	9.1
2017	362	25.3	1	5.7	6	27.2	-	0.0	24	11.1
2018	370	25.4	3	16.2	17	75.9	1	3.0	26	11.7

Figure 12. Suicide Mortality Crude Rates by Race (Non-Hispanic) and Hispanic Ethnicity by Year: Idaho Residents, 2009-2018.



Rate: Number of deaths per 100,000 population in the race or ethnic group.

NH: Non-Hispanic.

AI/NA: American Indian or Native Alaskan.

A/PI: Asian or Pacific Islander.

Table 20. Suicide Mortality by Race, Ethnicity, Sex, Public Health District of Residence, and Age Group: Idaho Residents, Five-year Aggregate, 2014-2018.

	SUICIDE DEATHS					
	Total Deaths	Deaths	Crude Death Rate	Percent of Total Deaths	Mean Age At Death	Rank for Leading Cause of Death
TOTAL	67,281	1,844	21.8	2.7%	45.5	8th
RACE AND ETHNICITY*						
Non-Hispanic	64,956	1,746	23.6	2.7%	46.1	8th
Non-Hispanic White	63,584	1,682	23.8	2.6%	46.5	8th
Non-Hispanic Black	164	9	10.7	5.5%	26.1	4th
Non-Hispanic American Indian or Alaska Native	710	47	43.2	6.6%	36.2	5th
Non-Hispanic Asian or Pacific Islander	432	7	4.6	1.6%	46.4	9th
Hispanic	2,314	97	9.3	4.2%	34.0	6th
SEX						
Male	35,188	1,439	34.0	4.1%	45.7	6th
Female	32,093	405	9.6	1.3%	44.6	9th
PUBLIC HEALTH DISTRICT OF RESIDENCE						
District 1	11,407	277	24.1	2.4%	48.8	8th
District 2	5,390	139	25.7	2.6%	50.5	8th
District 3	10,982	270	19.4	2.5%	45.0	8th
District 4	16,608	503	20.5	3.0%	46.4	7th
District 5	8,033	219	22.5	2.7%	45.0	8th
District 6	7,427	224	26.2	3.0%	40.2	8th
District 7	7,434	212	19.6	2.9%	42.6	8th
AGE GROUP						
10-14**	892	31	4.9	3.5%	NA	2nd
15-24	873	280	24.1	32.1%	NA	2nd
25-34	1,197	277	24.9	23.1%	NA	2nd
35-44	1,811	321	30.8	17.7%	NA	2nd
45-54	3,538	341	34.2	9.6%	NA	4th
55-64	8,215	276	26.6	3.4%	NA	7th
65-74	12,609	176	22.9	1.4%	NA	9th
75-84	16,886	94	25.7	0.6%	NA	16th
85+	21,258	48	33.9	0.2%	NA	17th

NA: Not applicable.

Crude death rate: number of deaths per 100,000 population in the specified group.

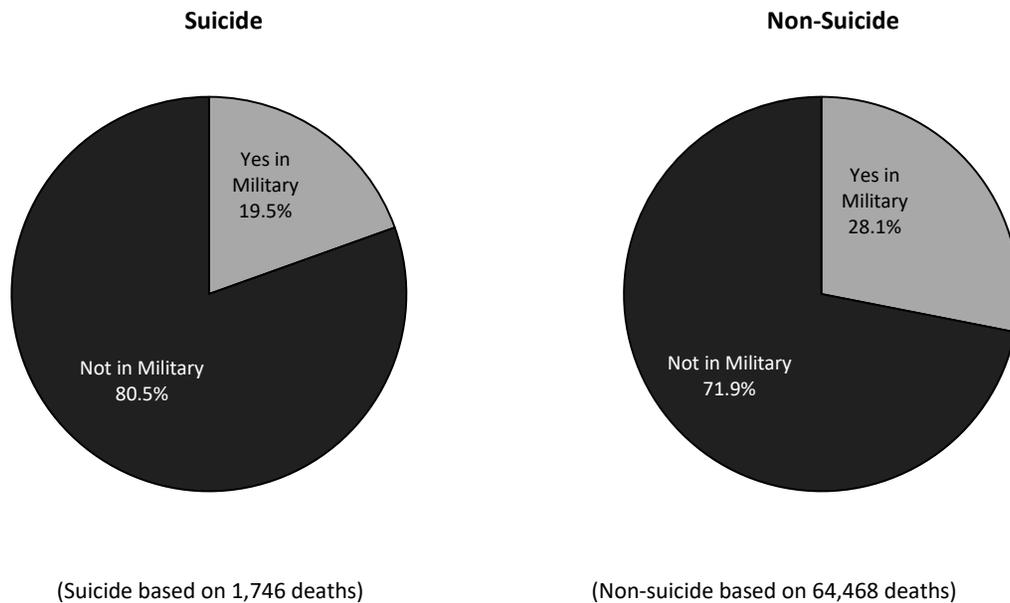
\*Total deaths and total non-Hispanic deaths includes 33 deaths with "other race", 11 deaths with "multiple race", and 22 deaths with race not known. Total deaths includes 11 deaths with ethnicity not known.

\*\*For the age group under age 15, number of deaths are based on persons aged under 15 years, and population is based on 10-14 years.

Table 21. Suicide Mortality Among Adults Aged 18 and Older by Military Status by Year: Idaho Residents, 1999-2018.

YEAR	TOTAL	MILITARY STATUS		
		Yes	No	Unknown
TOTAL	5,199	1,224	3,941	34
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
2015	344	74	270	-
2016	335	68	265	2
2017	373	74	297	2
2018	392	67	322	3

Figure 13. Percentage of Deaths by Suicide and by Non-suicide Causes Among Adults Aged 18 and Older by Military Status: Idaho Residents, Five-year Aggregate, 2014-2018.



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.

Interpretation for findings section: Of the 1,746 suicide deaths among persons aged 18 and older, 19.5% of decedents were ever in the U.S. Armed Forces. Of the 64,468 non-Suicide deaths among persons aged 18 and older, 28.13% were ever in the U.S. Armed Forces

Table 22. Suicide Mortality Among Adults Aged 18 and Older by Military Status and Mechanism of injury: Idaho Residents, Five-year Aggregate, 2014-2018.

MECHANISM	Total	MILITARY STATUS		
		Yes	No	Unknown
TOTAL	1,746	339	1,397	10
Firearm	1,052	270	779	3
Poisoning*	269	23	241	5
Hanging, suffocation	345	37	306	2
Jumping from high place	16	2	14	-
Drowning	13	1	12	-
Cutting (sharp object)	26	3	23	-
All other means	25	3	22	-

Figure 14. Percentage of Suicide Mortality Among Adults Aged 18 and Older by Military Status and Mechanism of Injury: Idaho Residents, Five-year Aggregate, 2014-2018.

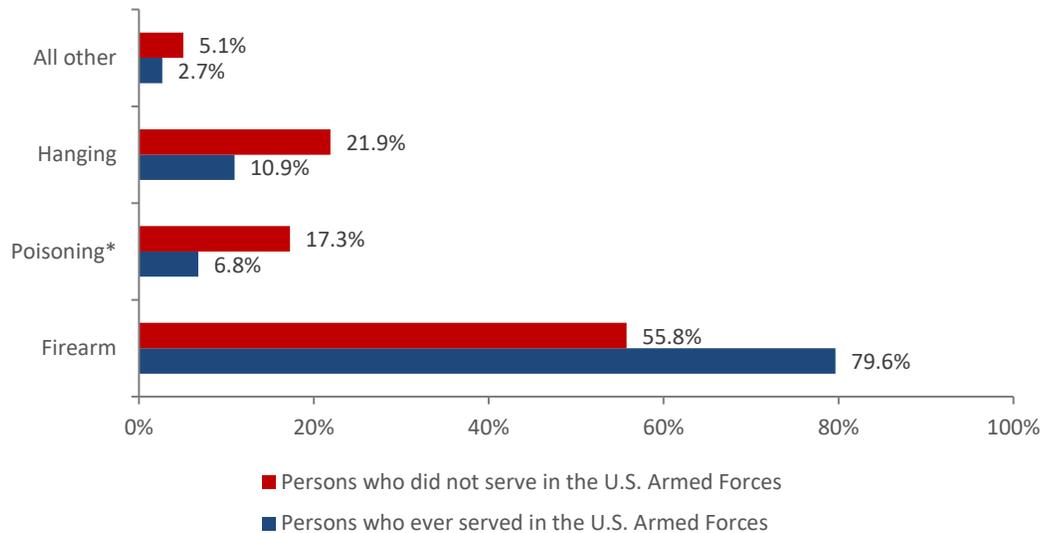


Table 23. Suicide Mortality Among Adults Aged 18 and Older by Military Status and Sex: Idaho Residents, Five-year Aggregate, 2014-2018.

SEX	Total	MILITARY STATUS		
		Yes	No	Unknown
TOTAL	1,746	339	1,397	10
Male	1,365	321	1,035	9
Female	381	18	362	1

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 U.S. Armed Forces or the length of time the person was in the Armed Forces.

\*Poisoning includes poisoning by drugs, alcohol, gases, and vapors.

Table 24. Suicide Mortality, Rate, and Percentage by Mechanism of Injury and ICD-10 Code by Sex: Idaho Residents, Five-year Aggregate, 2014-2018.

ICD-10 CODE AND MECHANISM	DEATHS			GENDER-SPECIFIC RATE			PERCENT		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>TOTAL</b>	<b>1,844</b>	<b>1,439</b>	<b>405</b>	<b>21.8</b>	<b>34.0</b>	<b>9.6</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>
<b>(X60-X64) DRUG POISONING</b>	<b>205</b>	<b>93</b>	<b>112</b>	<b>2.4</b>	<b>2.2</b>	<b>2.7</b>	<b>11.1%</b>	<b>6.5%</b>	<b>27.7%</b>
(X60) Suicide by and exposure to nonopioid analgesics, antipyretics, and antirheumatics	6	2	4	0.1	0.0	0.1	0.3%	0.1%	1.0%
(X61) Suicide by and exposure to antiepileptic, sedative-hypnotic, antiparkinsonism, and psychotropic drugs, not elsewhere classified	36	17	19	0.4	0.4	0.5	2.0%	1.2%	4.7%
(X62) Suicide by and exposure to narcotics and psychodysleptics [hallucinogens],not elsewhere classified	25	15	10	0.3	0.4	0.2	1.4%	1.0%	2.5%
(X63) Suicide by and exposure to other drugs acting on the autonomic nervous system	1	-	1	0.0	-	0.0	0.1%	-	0.2%
(X64) Suicide by and exposure to other and unspecified drugs, medicaments, and biological substances	137	59	78	1.6	1.4	1.9	7.4%	4.1%	19.3%
<b>(X65-X69) NON-DRUG POISONING</b>	<b>65</b>	<b>49</b>	<b>16</b>	<b>0.8</b>	<b>1.2</b>	<b>0.4</b>	<b>3.5%</b>	<b>3.4%</b>	<b>4.0%</b>
(X65) Suicide by and exposure to alcohol	2	1	1	0.0	0.0	0.0	0.1%	0.1%	0.2%
(X66) Suicide by and exposure to organic solvents and halogenated hydrocarbons	4	4	-	0.0	0.1	-	0.2%	0.3%	-
(X67) Suicide by and exposure to other gases and vapors	59	44	15	0.7	1.0	0.4	3.2%	3.1%	3.7%
(X68) Suicide by and exposure to pesticides	-	-	-	-	-	-	-	-	-
(X69) Suicide by and exposure to other and unspecified chemicals, noxious substances	-	-	-	-	-	-	-	-	-
<b>(X70) HANGING, STRANGULATION, AND SUFFOCATION</b>	<b>385</b>	<b>299</b>	<b>86</b>	<b>4.6</b>	<b>7.1</b>	<b>2.0</b>	<b>20.9%</b>	<b>20.8%</b>	<b>21.2%</b>
<b>(X71) DROWNING AND SUBMERSION</b>	<b>14</b>	<b>8</b>	<b>6</b>	<b>0.2</b>	<b>0.2</b>	<b>0.1</b>	<b>0.8%</b>	<b>0.6%</b>	<b>1.5%</b>
<b>(X72-X74) FIREARM</b>	<b>1,106</b>	<b>944</b>	<b>162</b>	<b>13.1</b>	<b>22.3</b>	<b>3.8</b>	<b>60.0%</b>	<b>65.6%</b>	<b>40.0%</b>
(X72) Suicide by handgun discharge	651	540	111	7.7	12.8	2.6	35.3%	37.5%	27.4%
(X73) Suicide by rifle, shotgun, and larger firearm discharge	227	219	8	2.7	5.2	0.2	12.3%	15.2%	2.0%
(X74) Suicide by other and unspecified firearm discharge	228	185	43	2.7	4.4	1.0	12.4%	12.9%	10.6%
<b>(X80) JUMPING FROM A HIGH PLACE</b>	<b>17</b>	<b>10</b>	<b>7</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.9%</b>	<b>0.7%</b>	<b>1.7%</b>
<b>(X75-X79, X81-X84 AND Y87.0) ALL OTHER</b>	<b>52</b>	<b>36</b>	<b>16</b>	<b>0.6</b>	<b>0.9</b>	<b>0.4</b>	<b>2.8%</b>	<b>2.5%</b>	<b>4.0%</b>
(X75) Suicide by explosive material	-	-	-	-	-	-	-	-	-
(X76) Suicide by smoke, fire, and flames	5	3	2	0.1	0.1	-	0.3%	0.2%	0.5%
(X77) Suicide by steam, hot vapors or object	-	-	-	-	-	-	-	-	-
(X78) Suicide by sharp object	26	22	4	0.3	0.5	0.1	1.4%	1.5%	1.0%
(X79) Suicide by blunt object	-	-	-	-	-	-	-	-	-
(X81) Suicide by jumping or lying before moving object	9	5	4	0.1	0.1	0.1	0.5%	0.3%	1.0%
(X82) Suicide by crashing of motor vehicle	9	5	4	0.1	0.1	0.1	0.5%	0.3%	1.0%
(X83) Suicide by other specified means	2	-	2	-	-	-	0.1%	-	0.5%
(X84) Suicide by unspecified means	1	1	-	-	-	-	0.1%	0.1%	-
(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 25. Suicide Mortality by Sex and Percentage of Suicide Deaths by Mechanism of Injury: Idaho Residents, Five-year Aggregate, 2014-2018.

MECHANISM	TOTAL DEATHS	SEX		TOTAL (PERCENT)	SEX	
		Male	Female		Male	Female
TOTAL	1,844	1,439	405	100.0%	100.0%	100.0%
Firearm	1,106	944	162	60.0%	65.6%	40.0%
Poisoning*	270	142	128	14.6%	9.9%	31.6%
Hanging, suffocation	385	299	86	20.9%	20.8%	21.2%
Jumping from high place	17	10	7	0.9%	0.7%	1.7%
Drowning	14	8	6	0.8%	0.6%	1.5%
Cutting (Sharp object)	26	22	4	1.4%	1.5%	1.0%
All other means	26	14	12	1.4%	1.0%	3.0%

Figure 15. Percentage of Suicide Deaths by Sex and Mechanism of Injury: Idaho Residents, Five-year Aggregate, 2014-2018.

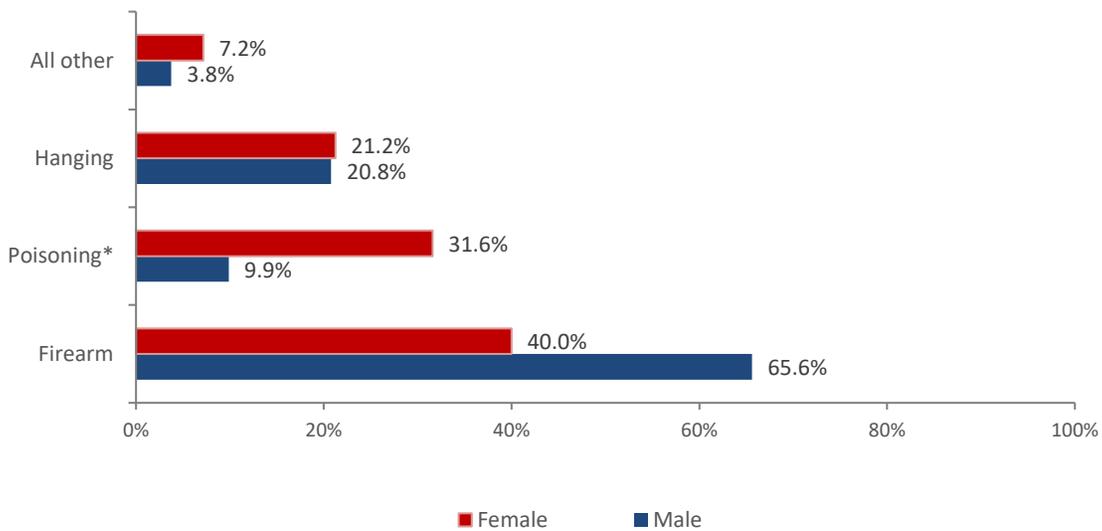


Table 26. Suicide Mortality by Race and Ethnicity by Mechanism of Injury: Idaho Residents, Five-year Aggregate, 2014-2018.

MECHANISM	TOTAL DEATHS	Non-Hispanic Total	Race and Ethnicity				Hispanic
			White**	Black**	American Indian or Alaskan Native**	Asian of Pacific Islander**	
TOTAL	1,844	1,746	1,682	9	47	7	97
Firearm	1,106	1,058	1,034	2	20	2	48
Poisoning*	270	258	253	2	2	1	11
Hanging, suffocation	385	355	323	4	23	4	30
Jumping from high place	17	17	17	-	-	-	-
Drowning	14	11	10	1	-	-	3
Cutting (Sharp object)	26	25	24	-	1	-	1
All other means	26	22	21	-	1	-	4

\*Poisoning includes poisoning by drugs, alcohol, gases, and vapors.

\*\*Race is based on non-Hispanic ethnicity.

Note: there was one death with unknown ethnicity and one with multiple race not shown, but are included in total deaths.

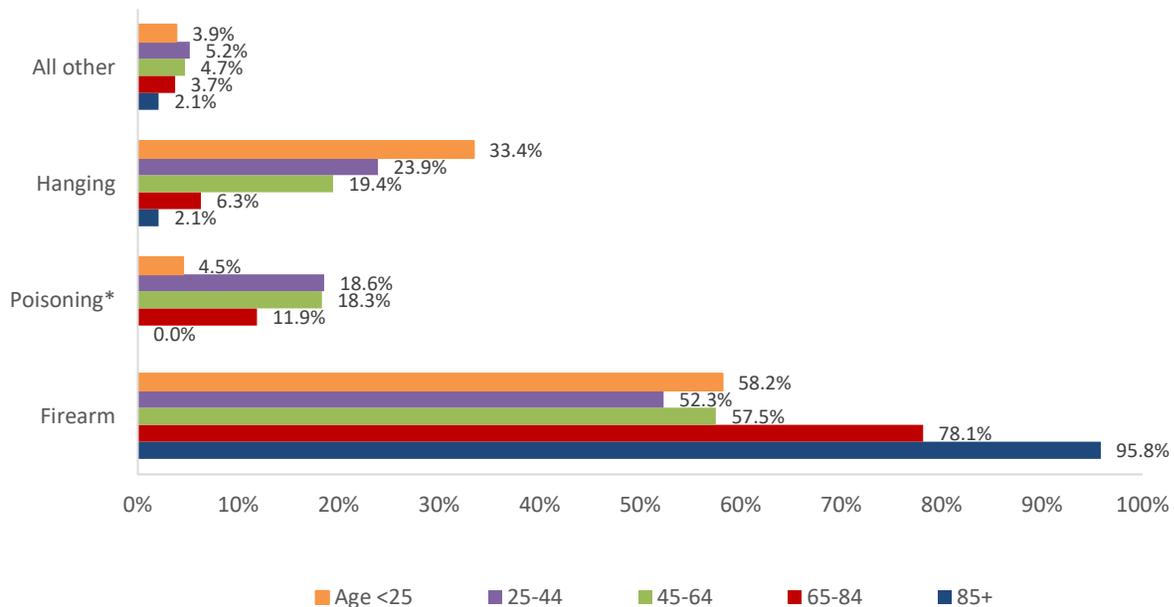
Table 27. Suicide Mortality by Age Group and Mechanism of Injury: Idaho Residents, Five-year Aggregate, 2014-2018.

MECHANISM	TOTAL	AGE GROUP								
		Age < 25					25-44	45-64	65-84	85+
		Total	<15	15-17	18-19	20-24				
TOTAL	1,844	311	31	67	48	165	598	617	270	48
Firearm	1,106	181	17	37	25	102	313	355	211	46
Poisoning*	270	14	-	1	3	10	111	113	32	-
Hanging, suffocation	385	104	14	26	18	46	143	120	17	1
Jumping from high place	17	5	-	1	1	3	6	2	3	1
Drowning	14	3	-	1	1	1	4	4	3	-
Cutting (Sharp object)	26	-	-	-	-	-	9	16	1	-
All other means	26	4	-	1	-	3	12	7	3	-

Table 28. Percentage of Suicide Deaths by Age Group and Mechanism of Injury: Idaho Residents, Five-year Aggregate, 2014-2018.

MECHANISM	TOTAL	AGE GROUP								
		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%
Firearm	60.0%	58.2%	54.8%	55.2%	52.1%	61.8%	52.3%	57.5%	78.1%	95.8%
Poisoning*	14.6%	4.5%	0.0%	1.5%	6.3%	6.1%	18.6%	18.3%	11.9%	0.0%
Hanging, suffocation	20.9%	33.4%	45.2%	38.8%	37.5%	27.9%	23.9%	19.4%	6.3%	2.1%
Jumping from high place	0.9%	1.6%	0.0%	1.5%	2.1%	1.8%	1.0%	0.3%	1.1%	2.1%
Drowning	0.8%	1.0%	0.0%	1.5%	2.1%	0.6%	0.7%	0.6%	1.1%	0.0%
Cutting (Sharp object)	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%	2.6%	0.4%	0.0%
All other means	1.4%	1.3%	0.0%	1.5%	0.0%	1.8%	2.0%	1.1%	1.1%	0.0%

Figure 16. Percentage of Suicide Deaths by Age Group and Mechanism of Injury: Idaho Residents, Five-year Aggregate, 2014-2018



\*Poisoning includes poisoning by drugs, alcohol, gases, and vapors.

Table 29. Suicide Mortality and Percentage of Suicide Deaths by Year and Mechanism of Injury: Idaho Residents, 2014-2018.

MECHANISM	TOTAL		2014		2015		2016		2017		2018	
	Deaths	%	Deaths	%	Deaths	%	Deaths	%	Deaths	%	Deaths	%
TOTAL	1,844	100.0%	320	100.0%	362	100.0%	351	100%	393	100.0%	418	100.0%
Firearm	1,106	60.0%	182	56.9%	216	59.7%	214	61.0%	244	62.1%	250	59.8%
Poisoning*	270	14.6%	54	16.9%	59	16.3%	54	15.4%	52	13.2%	51	12.2%
Hanging, suffocation	385	20.9%	70	21.9%	72	19.9%	61	17.4%	85	21.6%	97	23.2%
Jumping from high place	17	0.9%	3	0.9%	4	1.1%	4	1.1%	1	0.3%	5	1.2%
Drowning	14	0.8%	1	0.3%	3	0.8%	5	1.4%	-	0.0%	5	1.2%
Cutting (Sharp object)	26	1.4%	7	2.2%	3	0.8%	6	1.7%	4	1.0%	6	1.4%
All other means	26	1.4%	3	0.9%	5	1.4%	7	2.0%	7	1.8%	4	1.0%

Figure 17. Percentage of Suicide Deaths by Year and Mechanism of Injury: Idaho Residents, 2014-2018.

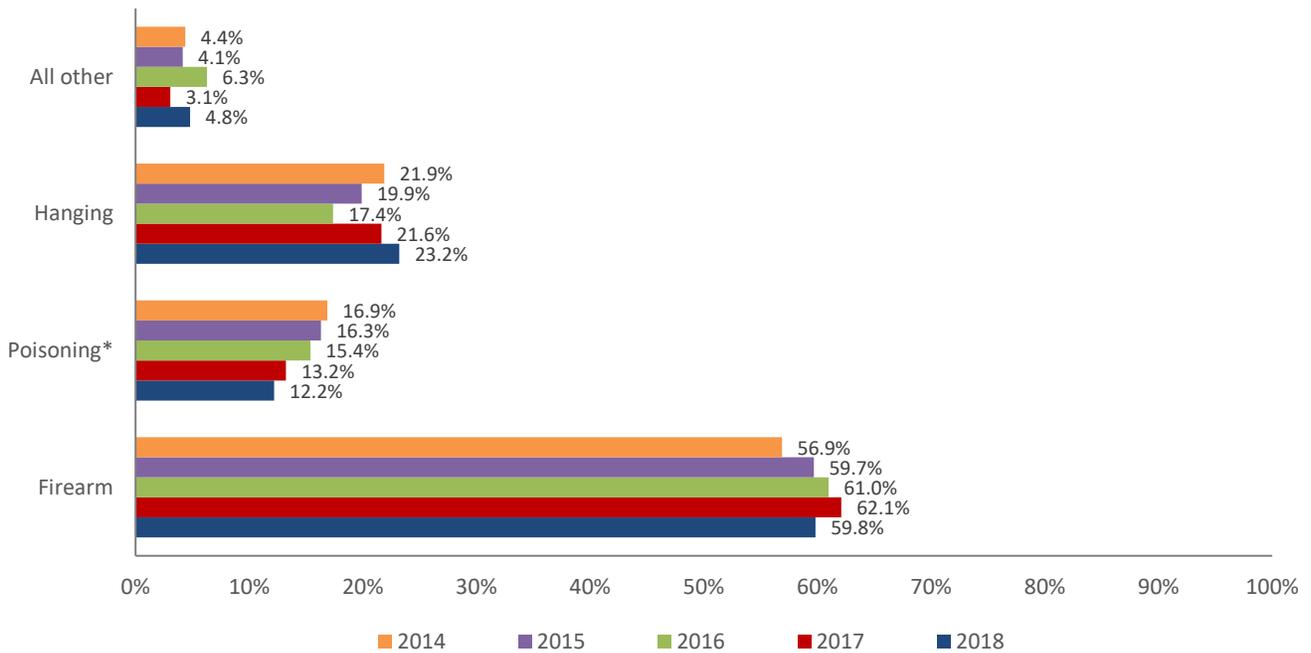


Table 30. Suicide Mortality by Sex, Year and Mechanism of Injury: Idaho Residents, 2014-2018.

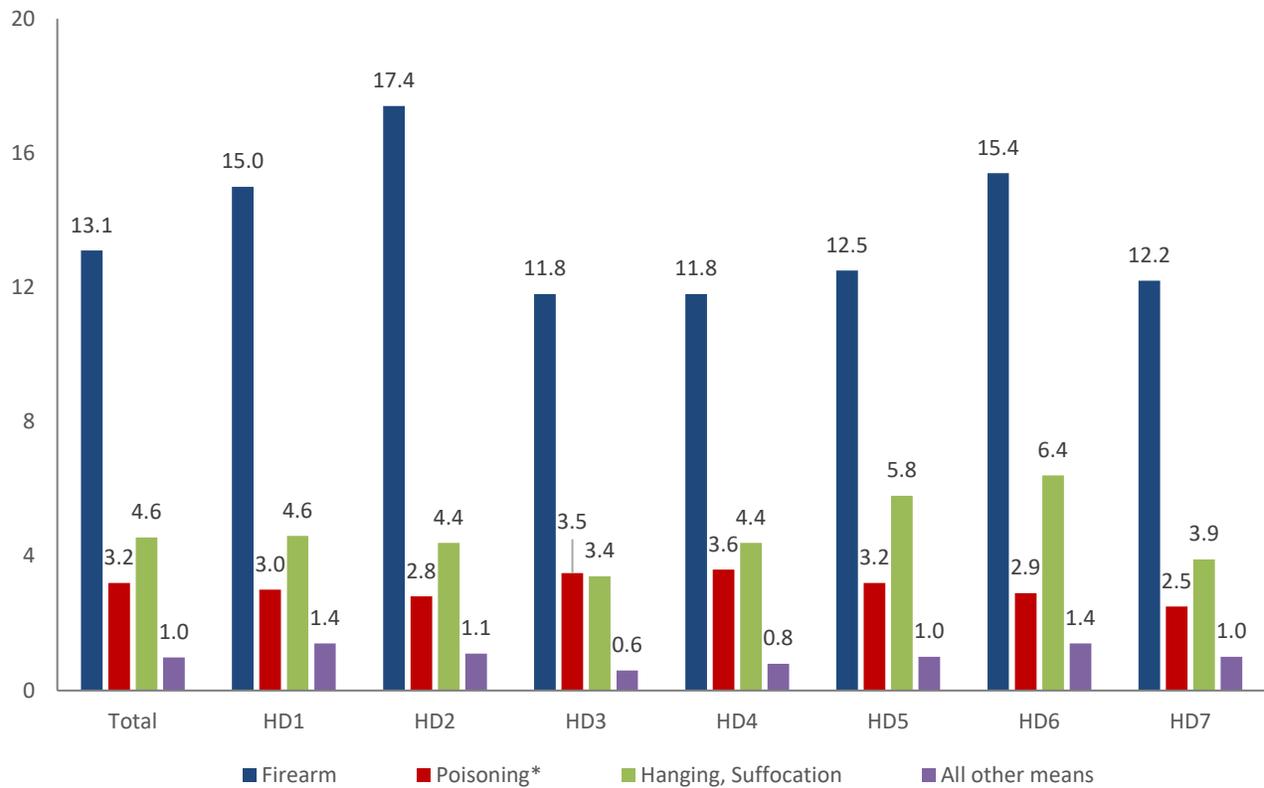
MECHANISM	TOTAL		2014		2015		2016		2017		2018	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
TOTAL	1,439	405	240	80	284	78	268	83	321	72	326	92
Firearm	944	162	153	29	186	30	178	36	218	26	209	41
Poisoning*	142	128	25	29	30	29	29	25	29	23	29	22
Hanging, suffocation	299	86	53	17	58	14	49	12	65	20	74	23
Jumping from high place	10	7	2	1	2	2	2	2	-	1	4	1
Drowning	8	6	1	-	3	-	2	3	-	-	2	3
Cutting (Sharp object)	22	4	6	1	3	-	5	1	4	-	4	2
All other means	14	12	-	3	2	3	3	4	5	2	4	-

\*Poisoning includes poisoning by drugs, alcohol, gases, and vapors.

Table 31. Suicide Mortality and Crude Rates by Public Health District of Residence and Mechanism of Injury: Idaho Residents, Five-year Aggregate, 2014-2018.

Public Health District	Total Suicide Deaths		Firearm		Poisoning*		Hanging, Suffocation		Suicide by All Other Means	
	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate
Total	1,844	21.8	1,106	13.1	270	3.2	385	4.6	83	1.0
District 1	277	24.1	173	15.0	35	3.0	53	4.6	16	1.4
District 2	139	25.7	94	17.4	15	2.8	24	4.4	6	1.1
District 3	270	19.4	164	11.8	49	3.5	48	3.4	9	0.6
District 4	503	20.5	289	11.8	88	3.6	107	4.4	19	0.8
District 5	219	22.5	122	12.5	31	3.2	56	5.8	10	1.0
District 6	224	26.2	132	15.4	25	2.9	55	6.4	12	1.4
District 7	212	19.6	132	12.2	27	2.5	42	3.9	11	1.0

Figure 18. Suicide Mortality Crude Rates by Public Health District (HD) of Residence and Mechanism of Injury: Idaho Residents, Five-year Aggregate, 2014-2018.



Rate: Number of deaths per 100,000 population in the Health District.

\*Poisoning includes poisoning by drugs, alcohol, gases, and vapors.

## 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
Drug poisoning	X60-X64
Non-drug poisoning such as exposure to alcohol, gases and vapors	X65-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. Generally, age-adjusted rates based on less than 20 events should be considered unstable and are not recommended for comparative use or in determining significance.

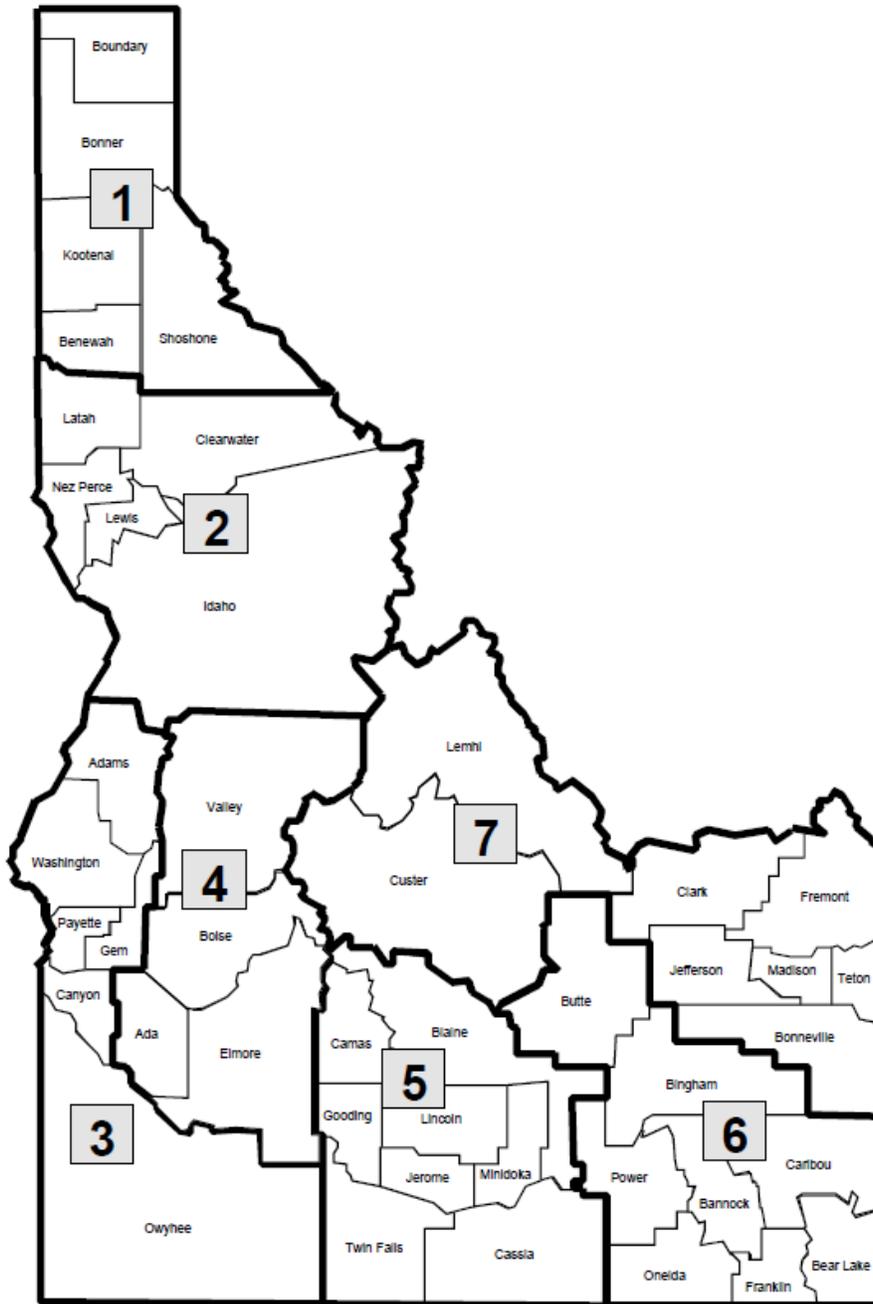
### Public Health Districts

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



Costs associated with this publication are available from Idaho Department of Health and Welfare  
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