

November 2018



IDAHO DEPARTMENT OF HEALTH & WELFARE
DIVISION OF PUBLIC HEALTH

2017 Mortality Idaho Vital Statistics



2017 IDAHO VITAL STATISTICS - MORTALITY

Contact	For more information on this report or other vital statistics, please contact the Bureau of Vital Records and Health Statistics at (208) 334-6658. This report and other reports from the Bureau of Vital Records and Health Statistics are available on the web at www.healthstatistics.dhw.idaho.gov .
Prepared by	This report was prepared by Pam Harder, Research Analyst Supervisor, of the Idaho Department of Health and Welfare.
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DEFINITIONS AND FORMULAS

Mortality

(Crude) Mortality Rate: number of deaths per 1,000 population

$$\frac{\text{deaths}}{\text{population}} \times 1,000$$

Cause-Specific Mortality Rate: number of deaths from a specific cause per 100,000 population

$$\frac{\text{deaths from specific cause}}{\text{population}} \times 100,000$$

Age-Adjusted Mortality Rate (Direct Method): number of deaths per 100,000 standard population. Age-adjusted mortality rates are artificial measurements and should be used only to compare to other age-adjusted mortality rates calculated using the same standard population. Idaho and U.S. age-adjusted rates shown were calculated using the 2000 population estimate as the standard population.

$$\frac{\text{sum of} \left[\begin{array}{c} \text{age-specific mortality} \\ \text{rate per 100,000 for} \\ \text{selected age groups} \end{array} \times \begin{array}{c} \text{standard population} \\ \text{in corresponding age} \\ \text{groups} \end{array} \right]}{\text{sum of standard population}}$$

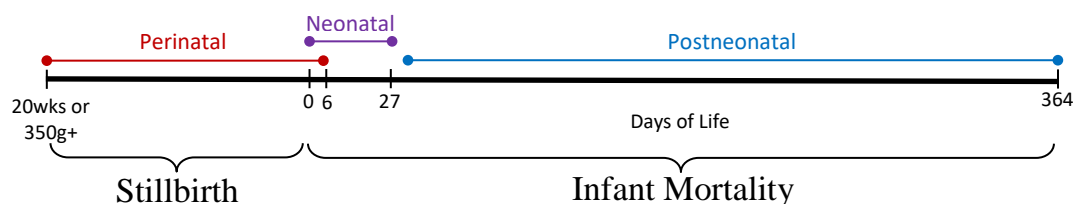
Maternal Mortality

Definition: death due to complications of pregnancy, childbirth, or the puerperium based on ICD-10 codes A34, O00-O95, and O98-O99.

Maternal Mortality Ratio: number of maternal deaths per 100,000 live births

$$\frac{\text{maternal deaths}}{\text{live births}} \times 100,000$$

Stillbirth and Infant Mortality Classifications



Infant Mortality

Definition: death at less than one year of age

Infant Mortality Rate: number of infant deaths per 1,000 live births

$$\frac{\text{infant deaths}}{\text{live births}} \times 1,000$$

Neonatal Mortality

Definition: death at less than 28 days of age

Neonatal Mortality Rate: number of neonatal deaths per 1,000 live births

$$\frac{\text{neonatal deaths}}{\text{live births}} \times 1,000$$

Postneonatal Mortality

Definition: death from 28 days to 364 days of age

Postneonatal Mortality Rate: number of postneonatal deaths per 1,000 live births

$$\frac{\text{postneonatal deaths}}{\text{live births}} \times 1,000$$

Stillbirth

Definition: spontaneous fetal death at 20 completed weeks gestation or more or a weight of 350 grams or more (does not include induced abortions)

Stillbirth Ratio: number of stillbirths per 1,000 live births

$$\frac{\text{stillbirths}}{\text{live births}} \times 1,000$$

Perinatal Mortality

Definition: stillbirth or death under seven days of age

Perinatal Mortality Ratio: number of stillbirths plus the number of deaths to infants under seven days of age per 1,000 live births

$$\frac{\text{perinatal deaths}}{\text{live births}} \times 1,000$$

U.S. Data

U.S. vital statistics are based on events in the 50 states and the District of Columbia. Per the National Center for Health Statistics, more than 99% of the births and deaths occurring in this country are registered through the state vital registration system. At the time of publication, the latest U.S. final data available are for 2016.¹

For the latest U.S. data please visit:

<http://www.cdc.gov/nchs/products/nvsr.htm>

¹ "Deaths: Final Data for 2016," National Vital Statistics Reports, National Center for Health Statistics, Vol. 67, No. 5, July 26, 2018.

VITAL REGISTRATION AND DATA COLLECTION

Registration of Records

The Idaho Bureau of Vital Records and Health Statistics is responsible for managing Idaho's vital records program and for providing health statistics and analysis. Civil laws of every state provide for a continuous, permanent, and compulsory vital registration system. Idaho is responsible for inspecting each Idaho state record for promptness of filing, completeness, and accuracy of information; querying for missing or inconsistent information; numbering the records; preparing indexes; processing the records; issuing certified copies; and storing the documents for permanent reference and safekeeping.

Registration of deaths, births, and stillbirths (spontaneous fetal deaths at 20 weeks gestation or more or a weight of at least 350 grams) is a legal requirement. Death certificates are usually completed by physicians, coroners, and funeral directors.

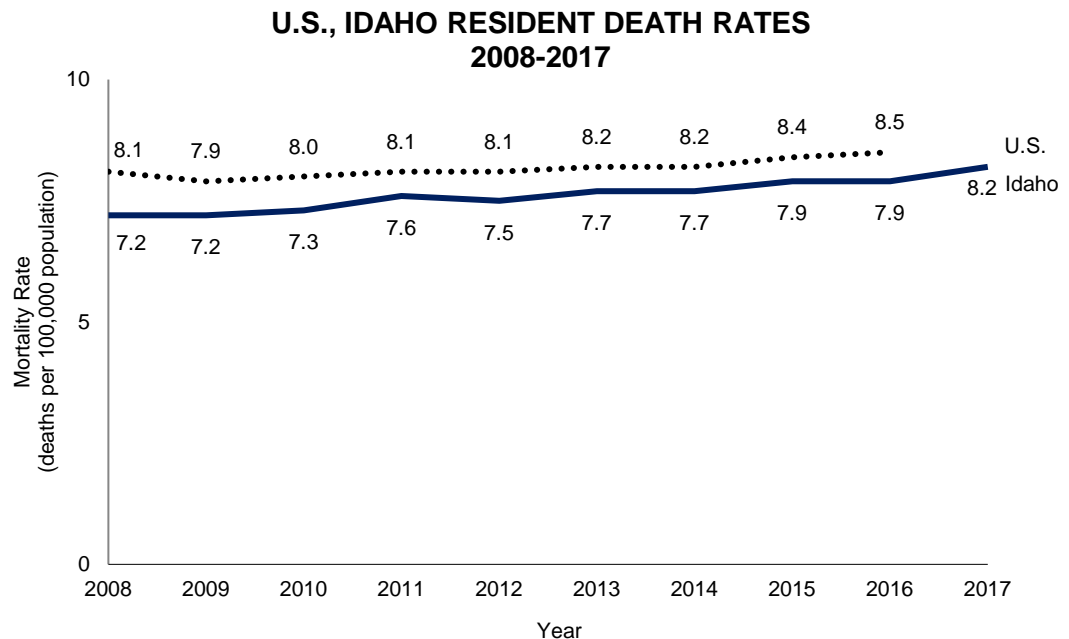
Miscarriages (a spontaneous or accidental death of an unborn infant in utero other than by induced abortion or stillbirth) are also registered at the request of the family when verified by a physician. Statistics are not reported because the registry is voluntary, and not all events are registered with Vital Statistics.

Unless otherwise stated, death, birth, and stillbirth data contained in this report are provided for Idaho residents, regardless of where the event occurred. There is an agreement among all registration areas in the U.S. for resident exchange of copies of death, birth, and stillbirth certificates. The cut-off dates for analysis of 2017 data were the following: birth records- July 3, 2018; stillbirth records- September 13, 2018; death records- June 21, 2018. Records may be sent to Idaho or amended after this date; they are included or amended in the vital records mainframe database, but are not included or amended in the database for statistical analysis.

MORTALITY

U.S. and Idaho Mortality

The crude mortality rate in the U.S. increased 0.6%, from 8.4 deaths per 1,000 population to 8.5 in 2016 (the last year of available data).¹ In 2016, there were 2,744,248 deaths in the U.S., compared with 2,712,630 in 2015.¹ The crude mortality rate for Idaho residents increased from 7.9 in 2016 to 8.2 deaths per 1,000 population. In 2017, there were 14,007 deaths among Idaho residents, compared with 13,370 in 2016.



U.S. and Idaho Leading Causes of Mortality

In 2016, the leading cause of mortality in the U.S. was Diseases of heart, followed by Malignant neoplasms (cancer).¹ The 15 leading causes in mortality in the U.S. in 2016 were the same as 2015, although unintentional injuries and Chronic lower respiratory diseases exchanged ranks (third and fourth, respectively). U.S. age-adjusted rates decreased significantly in 2016 from 2015 for heart disease, cancer, Chronic lower respiratory diseases, stroke, diabetes, Influenza and pneumonia, kidney disease, and Septicemia. There was a significant increase in the U.S. rates for unintentional injuries, Alzheimer's disease, suicide, and Parkinson's disease from 2015 to 2016.

U.S. mortality rates are consistently higher than those in Idaho for Diseases of heart, Malignant neoplasms (cancer), Nephritis, nephrotic syndrome and nephrosis (not shown), and Influenza and pneumonia.¹ However, these differences were not significant. Idaho age-adjusted rates were significantly higher for Chronic lower respiratory disease, Alzheimer's disease, Parkinson's disease, and Intentional self-harm (suicide) in 2017 compared with the U.S. in 2016.

U.S. and Idaho Leading Causes of Mortality

Leading Causes of Mortality for Idaho and the U.S.				
Cause of Death	Idaho 2017		U.S. 2016 ¹	
	Rank	Age-Adjusted Mortality Rate	Age-Adjusted Mortality Rate	Rank
Diseases of heart	1	162.5	165.5	1
Malignant neoplasms (cancer)	2	153.0	155.8	2
Chronic lower respiratory diseases	3	47.2	40.6	4
Accidents (unintentional injury)	4	49.9	47.4	3
Cerebrovascular diseases	5	38.3	37.3	5
Alzheimer's disease	6	36.7	30.3	6
Diabetes mellitus	7	20.3	21.0	7
Intentional self-harm (suicide)	tie	23.2	13.5	10
Influenza and pneumonia	9	13.8	13.5	8
Parkinson's Disease	10	11.1	8.0	14

Age-adjusted mortality rates are deaths per 100,000 population. Ranked by the number of deaths (not shown).

Idaho Leading Causes of Mortality 2016- 2017

In 2017, Diseases of heart was the leading cause of mortality and Malignant neoplasms (cancer) was the 2nd leading cause of mortality. This is the same as 2016. In 2016, Intentional self-harm was the 8th leading cause of mortality, and in 2017, was tied with diabetes at the 7th highest rank. In 2016, Chronic liver diseases and cirrhosis was the 10th, and became the 11th rank in 2017. Parkinson's disease was ranked 12th in 2016, then became the 10th leading cause in 2017.

The age-adjusted rates for the ten leading causes of death in Idaho increased from 2016 to 2017, but there were no significant changes in the age-adjusted mortality rates for the ten leading causes of mortality from 2016 to 2017 in Idaho.

Leading Causes of Mortality, 2016 and 2017				
Cause of Death	Age-Adjusted Mortality Rate		Percent Change	
	2016	2017		
Influenza and pneumonia	11.1	13.8	24.3%	▲
Parkinson's disease	9.3	11.1	19.4%	▲
Alzheimer's disease	33.8	36.7	8.6%	▲
Intentional self-harm	21.4	23.2	8.4%	▲
Chronic lower respiratory diseases	45.6	47.2	3.5%	▲
Cerebrovascular diseases	37.0	38.3	3.5%	▲
Diabetes mellitus	20.0	20.3	1.5%	▲
Diseases of heart	160.2	162.5	1.4%	▲
Malignant neoplasms (cancer)	151.2	153.0	1.2%	▲
Accidents (unintentional)	49.5	49.9	0.8%	▲

Age-adjusted mortality rates are deaths per 100,000 population. ▲ Rate increased from 2016 to 2017. ▼ Rate decreased from 2016 to 2017.

*Significant difference between 2016 and 2017 (p<0.05).

Idaho Leading Causes of Mortality by Sex

In 2017, the leading cause of death for males was Diseases of heart, while Malignant neoplasms (cancer) was the leading cause of mortality for females. Males had a higher mortality rate than females for eight of the ten leading causes of mortality. Females had a higher mortality rate than males for Alzheimer's disease, and for Cerebrovascular diseases.

Leading Causes of Mortality by Sex			
Cause of Death	Age-Adjusted Mortality Rate		Male:Female Rate Ratio
	Male	Female	
Diseases of heart	203.3	127.7	1.6 *
Malignant neoplasms	180.0	131.4	1.4 *
Chronic lower respiratory diseases	49.9	45.3	1.1
Accidents	64.6	35.7	1.8 *
Cerebrovascular diseases	37.0	39.0	0.9
Alzheimer's disease	25.1	45.1	0.6 *
Diabetes mellitus	24.8	16.2	1.5 *
Intentional self-harm (suicide)	38.0	8.7	4.4 *
Influenza and pneumonia	14.0	13.7	1.0
Parkinson's disease	16.2	6.8	2.4 *

Age-adjusted mortality rates are deaths per 100,000 population. Ratio=1 indicates that the rate is the same for both males and females. Ratio<1 indicates that the rate is higher in females. Ratio>1 indicates that the rate is higher in males.

*Significant difference in the rate by sex (p<0.05).

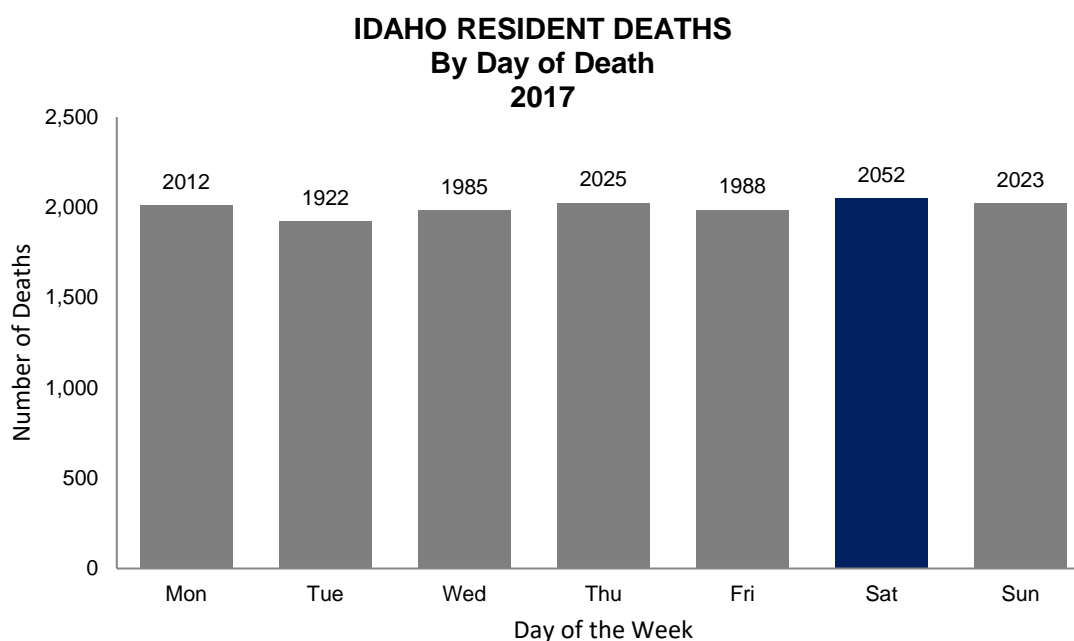
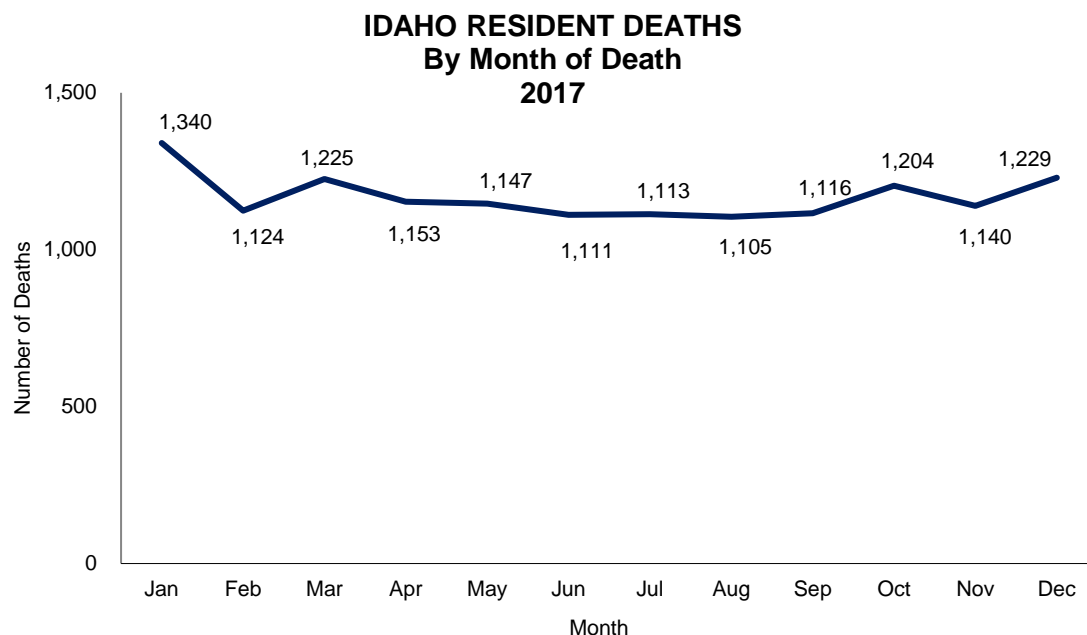
Idaho Age at Death

In 2017, the average age at death was 73.8 years of age, compared with 73.4 in 2016.

Age at Death		
	Average age at death	Maximum age at death
IDAHO	73.8	108
Sex		
Female	76.6	108
Male	71.3	105
Ethnicity		
Non-Hispanic	74.4	108
Hispanic	59.6	100
Unknown		
Race		
White	74.1	108
Black	60.3	102
American Indian	59.5	98
Asian Pacific Islander	71.2	99
Other/Multiple	-	-
Cause of Death		
Diseases of heart	78.8	105
Malignant neoplasms (cancer)	72.3	101
Chronic lower respiratory diseases	76.3	100
Accidents (unintentional injury)	56.3	103
Cerebrovascular diseases	80.4	106
Alzheimer's disease	85.8	104
Diabetes mellitus	72.0	108
Intentional self-harm (suicide)	45.4	95
Influenza and pneumonia	79.7	100
Parkinson's disease	81.9	99

Idaho Month and Day of Death

January had the most deaths compared with the other months (1,340). On the other hand, August had the fewest deaths compared with the other months (1,105). The number of deaths per day ranged from a low of 23 on August 29, 2017 to a high of 58 on January 9, 2017.



Out-of-State Resident Deaths

In 2017, 563 out-of-state residents died in Idaho. Most of these deaths were residents from neighboring states. There were 183 Washington, 123 Oregon, 40 Utah, 39 California, 37 Wyoming, 31 Montana residents, and 26 Nevada, and as well as 84 residents from another state, another country, or where the residence was unknown.

¹ Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2016 on CDC WONDER Online Database, released December 2017.

IDAHO RESIDENT MORTALITY

Number of Deaths and Rates

2013-2017

RESIDENCE	2017		2016		2015		2014		2013	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
U.S. ¹	NA		8.5		8.4		8.2		8.2	
IDAHO	14,007	8.2	13,370	7.9	13,031	7.9	12,610	7.7	12,426	7.7
District 1	2,380	10.1	2,268	9.9	2,181	9.7	2,172	9.8	2,030	9.3
District 2	1,087	10.0	1,111	10.3	1,052	9.8	1,054	9.8	1,106	10.4
District 3	2,310	8.2	2,153	7.8	2,165	7.9	1,977	7.4	2,054	7.8
District 4	3,550	7.1	3,338	6.8	3,230	6.8	3,017	6.4	2,981	6.5
District 5	1,611	8.2	1,595	8.2	1,572	8.2	1,582	8.3	1,556	8.2
District 6	1,540	8.9	1,456	8.5	1,367	8.1	1,444	8.6	1,351	8.0
District 7	1,529	7.0	1,449	6.7	1,464	6.9	1,364	6.5	1,348	6.5
Ada	3,229	7.1	2,987	6.7	2,892	6.7	2,736	6.4	2,660	6.4
Adams	52	12.5	40	10.3	34	8.8	37	9.6	36	9.4
Bannock	742	8.7	716	8.5	676	8.1	707	8.5	676	8.1
Bear Lake	73	12.1	58	9.8	46	7.8	74	12.4	69	11.6
Benewah	131	14.3	132	14.5	141	15.6	130	14.3	120	13.3
Bingham	391	8.5	396	8.8	369	8.2	345	7.6	325	7.2
Blaine	116	5.3	109	5.0	112	5.2	120	5.6	84	3.9
Boise	53	7.3	54	7.6	51	7.2	45	6.6	66	9.7
Bonner	463	10.6	445	10.5	442	10.6	418	10.1	383	9.4
Bonneville	914	8.0	875	7.8	817	7.4	792	7.3	832	7.7
Boundary	121	10.1	113	9.7	101	8.9	121	11.0	102	9.4
Butte	31	11.9	25	10.0	25	10.0	31	11.8	23	8.7
Camas	14	12.7	7	6.5	4	3.8	5	4.8	6	5.8
Canyon	1,575	7.3	1,498	7.1	1,477	7.1	1,325	6.5	1,395	7.0
Caribou	87	12.4	62	9.0	59	8.7	57	8.3	57	8.4
Cassia	205	8.7	185	7.9	214	9.1	191	8.1	184	7.9
Clark	7	8.0	6	7.0	7	8.0	10	11.5	6	6.9
Clearwater	117	13.7	116	13.7	114	13.4	96	11.2	100	11.7
Custer	48	11.5	41	10.0	49	12.0	46	11.1	34	8.0
Elmore	189	7.0	211	8.1	193	7.5	172	6.6	192	7.3
Franklin	120	8.8	96	7.2	87	6.7	104	8.0	103	8.0
Fremont	109	8.3	104	8.0	126	9.8	96	7.5	102	7.9
Gem	212	12.2	213	12.4	208	12.3	212	12.6	205	12.3
Gooding	150	9.9	154	10.1	124	8.1	147	9.8	140	9.3
Idaho	177	10.8	194	12.0	184	11.3	205	12.6	198	12.3
Jefferson	168	5.9	174	6.3	171	6.3	138	5.1	151	5.6
Jerome	164	6.9	190	8.3	156	6.8	186	8.2	164	7.3
Kootenai	1,463	9.3	1,387	9.0	1,330	8.8	1,315	8.9	1,251	8.7
Latah	216	5.5	243	6.2	206	5.3	227	5.9	234	6.1
Lemhi	103	13.1	90	11.7	115	14.9	117	15.1	74	9.6
Lewis	52	13.4	45	11.7	35	9.2	42	10.9	44	11.3
Lincoln	29	5.5	32	6.1	41	7.7	29	5.5	51	9.6
Madison	140	3.6	113	2.9	137	3.6	126	3.3	112	3.0
Minidoka	182	8.8	153	7.4	171	8.4	160	7.9	186	9.2
Nez Perce	525	13.0	513	12.7	513	12.8	484	12.1	530	13.3
Oneida	41	9.3	33	7.6	42	9.8	49	11.7	34	8.0
Owyhee	97	8.3	97	8.5	100	8.8	84	7.4	88	7.7
Payette	240	10.3	200	8.7	228	10.0	204	8.9	193	8.5
Power	55	7.2	70	9.1	63	8.2	77	10.1	64	8.3
Shoshone	202	16.1	191	15.3	167	13.4	188	15.2	174	13.7
Teton	40	3.5	46	4.2	42	4.0	39	3.8	37	3.6
Twin Falls	751	8.8	765	9.2	750	9.1	744	9.2	741	9.3
Valley	79	7.4	86	8.2	94	9.3	64	6.5	63	6.6
Washington	134	13.2	105	10.3	118	11.8	115	11.5	137	13.8

Rates are deaths per 1,000 population. NA= not available.

¹Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2016 on CDC WONDER Online Database, released December, 2017.

IDAHO RESIDENT MORTALITY
Age at Death
2017

RESIDENCE	TOTAL DEATHS	AGE AT DEATH										
		<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
IDAHO	14,007	101	25	43	161	275	365	690	1,671	2,680	3,561	4,435
District 1	2,380	8	4	2	25	35	40	127	280	481	641	737
District 2	1,087	4	1	2	15	18	26	44	107	209	270	391
District 3	2,310	24	4	11	27	39	56	112	311	462	621	643
District 4	3,550	22	6	12	24	88	80	188	398	654	837	1,241
District 5	1,611	14	4	4	26	31	53	79	205	298	379	518
District 6	1,540	15	3	8	22	36	51	77	188	298	410	432
District 7	1,529	14	3	4	22	28	59	63	182	278	403	473
Ada	3,229	20	6	11	24	79	75	163	358	572	753	1,168
Adams	52	-	-	-	-	-	2	2	8	14	17	9
Bannock	742	7	-	3	11	22	28	35	116	138	188	194
Bear Lake	73	-	-	-	1	2	3	5	6	9	18	29
Benewah	131	-	1	-	2	3	1	3	18	25	40	38
Bingham	391	4	2	1	5	5	15	23	39	84	105	108
Blaine	116	1	-	-	2	2	3	7	13	30	26	32
Boise	53	1	-	-	-	1	1	4	9	13	12	12
Bonner	463	3	-	2	5	7	5	19	60	96	132	134
Bonneville	914	4	-	2	14	23	35	46	113	157	238	282
Boundary	121	-	-	-	1	1	6	8	15	24	34	32
Butte	31	-	-	-	1	-	-	3	3	3	13	8
Camas	14	-	-	-	-	-	-	2	2	2	4	4
Canyon	1,575	14	3	8	17	30	40	88	215	316	405	439
Caribou	87	1	-	-	1	-	1	2	5	17	30	30
Cassia	205	1	1	-	5	5	9	9	26	29	55	65
Clark	7	-	-	-	-	-	-	-	1	1	3	2
Clearwater	117	-	-	-	2	-	4	6	14	31	31	29
Custer	48	-	-	-	-	1	1	1	10	15	12	8
Elmore	189	1	-	-	-	8	2	17	20	52	50	39
Franklin	120	3	1	4	2	3	3	6	13	25	27	33
Fremont	109	1	-	-	2	1	7	1	9	20	34	34
Gem	212	1	-	-	2	-	4	3	21	45	71	65
Gooding	150	1	-	-	2	6	2	8	19	26	34	52
Idaho	177	1	1	-	1	1	4	9	18	39	47	56
Jefferson	168	3	1	-	3	-	6	6	23	28	43	55
Jerome	164	1	-	1	4	5	8	7	19	38	35	46
Kootenai	1,463	5	3	-	15	22	25	86	160	286	377	484
Latah	216	1	-	-	4	10	5	10	25	39	50	72
Lemhi	103	2	-	-	-	-	2	2	10	30	31	26
Lewis	52	-	-	-	-	1	1	4	6	11	16	13
Lincoln	29	-	-	-	-	1	-	1	2	9	8	8
Madison	140	4	1	2	3	2	6	4	13	19	31	55
Minidoka	182	5	1	2	-	2	7	6	27	36	39	57
Nez Perce	525	2	-	2	8	6	12	15	44	89	126	221
Oneida	41	-	-	-	-	2	-	-	3	10	11	15
Owyhee	97	3	-	-	3	2	3	8	20	14	22	22
Payette	240	4	1	3	5	5	4	8	25	53	60	72
Power	55	-	-	-	1	2	1	3	3	12	18	15
Shoshone	202	-	-	-	2	2	3	11	27	50	58	49
Teton	40	-	1	-	-	1	2	3	3	8	11	11
Twin Falls	751	5	2	1	13	10	24	39	97	128	178	254
Valley	79	-	-	1	-	-	2	4	11	17	22	22
Washington	134	2	-	-	-	2	3	3	22	20	46	36

IDAHO RESIDENT MORTALITY
Sex, Race and Ethnicity¹
2017

RESIDENCE	TOTAL DEATHS	SEX		RACE						ETHNICITY	
		Male	Female	White	Black	American Indian/ Alaska Native	Asian/ Pacific Islander	Other Race/ Multiple Race	Race Not Stated	Non-Hispanic	Hispanic
IDAHO	14,007	7,364	6,643	13,623	38	139	99	104	4	13,489	518
District 1	2,380	1,255	1,125	2,327	1	26	14	12	-	2,346	34
District 2	1,087	612	475	1,057	3	20	6	1	-	1,078	9
District 3	2,310	1,229	1,081	2,262	7	14	13	14	-	2,156	154
District 4	3,550	1,813	1,737	3,447	15	12	44	30	2	3,455	95
District 5	1,611	836	775	1,563	2	8	6	32	-	1,492	119
District 6	1,540	809	731	1,462	6	53	9	10	-	1,469	71
District 7	1,529	810	719	1,505	4	6	7	5	2	1,493	36
Ada	3,229	1,620	1,609	3,140	13	11	40	23	2	3,142	87
Adams	52	33	19	52	-	-	-	-	-	52	-
Bannock	742	388	354	694	6	26	6	10	-	708	34
Bear Lake	73	35	38	73	-	-	-	-	-	73	-
Benewah	131	66	65	121	-	9	-	1	-	127	4
Bingham	391	205	186	363	-	25	3	-	-	362	29
Blaine	116	73	43	115	-	-	1	-	-	112	4
Boise	53	37	16	53	-	-	-	-	-	53	-
Bonner	463	246	217	461	-	-	1	1	-	461	2
Bonneville	914	482	432	897	3	6	5	2	1	894	20
Boundary	121	64	57	121	-	-	-	-	-	121	-
Butte	31	19	12	31	-	-	-	-	-	31	-
Camas	14	9	5	14	-	-	-	-	-	14	-
Canyon	1,575	823	752	1,543	5	8	10	9	-	1,446	129
Caribou	87	44	43	87	-	-	-	-	-	86	1
Cassia	205	99	106	199	-	-	2	4	-	176	29
Clark	7	5	2	7	-	-	-	-	-	7	-
Clearwater	117	71	46	116	-	1	-	-	-	115	2
Custer	48	28	20	47	-	-	-	1	-	47	1
Elmore	189	109	80	176	2	1	3	7	-	181	8
Franklin	120	65	55	120	-	-	-	-	-	117	3
Fremont	109	55	54	109	-	-	-	-	-	107	2
Gem	212	113	99	208	-	-	2	2	-	206	6
Gooding	150	76	74	144	-	2	-	4	-	141	9
Idaho	177	111	66	172	-	3	2	-	-	175	2
Jefferson	168	94	74	167	-	-	-	-	1	160	8
Jerome	164	95	69	153	-	3	-	8	-	149	15
Kootenai	1,463	769	694	1,428	1	15	13	6	-	1,438	25
Latah	216	116	100	212	1	2	1	-	-	214	2
Lemhi	103	56	47	103	-	-	-	-	-	103	-
Lewis	52	24	28	49	-	1	2	-	-	52	-
Lincoln	29	16	13	28	-	-	-	1	-	27	2
Madison	140	69	71	137	1	-	2	-	-	139	1
Minidoka	182	100	82	176	-	-	-	6	-	151	31
Nez Perce	525	290	235	508	2	13	1	1	-	522	3
Oneida	41	24	17	41	-	-	-	-	-	41	-
Owyhee	97	46	51	92	-	5	-	-	-	90	7
Payette	240	142	98	237	2	-	-	1	-	231	9
Power	55	29	26	53	-	2	-	-	-	51	4
Shoshone	202	110	92	196	-	2	-	4	-	199	3
Teton	40	21	19	38	-	-	-	2	-	36	4
Twin Falls	751	368	383	734	2	3	3	9	-	722	29
Valley	79	47	32	78	-	-	1	-	-	79	-
Washington	134	72	62	130	-	1	1	2	-	131	3

¹Race and Hispanic origin are reported separately on death certificate; people of Hispanic origin are included in appropriate race totals.

Note: Beginning in 2003, multiple races and Hispanic origins may be reported on the Idaho death certificate. For decedents with multiple races, the races were bridged to a single race category.

IDAHO RESIDENT MORTALITY
Leading Causes of Mortality
Cause-Specific Crude and Age-Adjusted Rates¹
2017 Idaho and 2016 U.S.

RANK FOR IDAHO AND CAUSE OF DEATH	Deaths		Crude Rate		Age-Adjusted Rate	
	Number	Percent	Idaho ²	U.S. ³	Idaho ²	U.S. ³
TOTAL	14,007	100.0%	815.8	849.3	741.6	728.8
1. Diseases of heart	3,085	22.0%	179.7	196.6	162.5	165.5
2. Malignant neoplasms (cancer)	3,015	21.5%	175.6	185.1	153.0	155.8
3. Chronic lower respiratory diseases	925	6.6%	53.9	47.8	47.2	40.6
4. Accidents (unintentional injury)	878	6.3%	51.1	49.9	49.9	47.4
5. Cerebrovascular diseases	722	5.2%	42.1	44.0	38.3	37.3
6. Alzheimer's disease	673	4.8%	39.2	35.9	36.7	30.3
7. Diabetes mellitus	393	2.8%	22.9	24.8	20.3	21.0
tie Intentional self-harm (suicide)	393	2.8%	22.9	13.9	23.2	13.5
9. Influenza and pneumonia	257	1.8%	15.0	15.9	13.8	13.5
10. Parkinson's disease	205	1.5%	11.9	9.2	11.1	8.0
11. Chronic liver disease and cirrhosis	197	1.4%	11.5	12.5	10.2	10.7
12. Nephritis, nephrotic syndrome, nephrosis	172	1.2%	10.0	15.5	9.1	13.1
13. Septicemia	115	0.8%	6.7	12.6	6.1	10.7
14. Pneumonitis due to solids and liquids	102	0.7%	5.9	6.1	5.4	5.2
15. Essential hypertension & hypertensive renal disease	95	0.7%	5.5	10.3	5.0	8.6
All other causes	2,780	19.8%	NA	NA	NA	NA

Rates are deaths per 100,000 population. NA=not applicable. Rates are not applicable for all other causes.

¹Age-adjusted rates are artificial measures used to compare populations that have different age compositions (so long as the rate was calculated using the same standard population). Idaho and U.S. age-adjusted rates were calculated using the 2000 U.S. population estimate as the standard population.

²Idaho rates are based on the July 1, 2017 population estimates.

³Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2016 on CDC WONDER Online Database, released December, 2017.

IDAHO RESIDENT MORTALITY
Leading Causes of Mortality by Sex
Cause-Specific Crude and Age-Adjusted Rates¹
2017 Idaho and 2016 U.S.

MALES						
RANK FOR IDAHO AND CAUSE OF DEATH	Deaths		Crude Rate		Age-Adjusted Rate	
	Number	Percent	Idaho ²	U.S. ³	Idaho ²	U.S. ³
TOTAL	7,364	100.0%	855.8	880.2	852.0	861.0
1. Diseases of heart	1,737	23.6%	201.9	213.3	203.3	209.1
2. Malignant neoplasms (cancer)	1,638	22.2%	190.4	197.7	180.0	185.4
3. Accidents (unintentional injury)	544	7.4%	63.2	65.3	64.6	65.0
4. Chronic lower respiratory diseases	448	6.1%	52.1	45.9	49.9	45.1
5. Intentional self-harm (suicide)	321	4.4%	37.3	21.8	38.0	21.4
6. Cerebrovascular diseases	311	4.2%	36.1	37.3	37.0	37.5
7. Diabetes mellitus	223	3.0%	25.9	27.5	24.8	26.0
8. Alzheimer's disease	194	2.6%	22.5	22.2	25.1	24.3
9. Parkinson's disease	135	1.8%	15.7	11.2	16.5	12.0
10. Chronic liver disease and cirrhosis	130	1.8%	15.1	16.2	13.5	14.3
11. Influenza and pneumonia	117	1.6%	13.6	15.7	14.0	15.9
12. Nephritis, nephrotic syndrome, nephrosis	100	1.4%	11.6	16.0	12.1	15.9
13. Septicemia	62	0.8%	7.2	12.4	7.3	12.0
14. Pneumonitis due to solids and liquids	54	0.7%	6.3	6.8	7.0	7.0
15. In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	43	0.6%	5.0	5.3	5.1	5.3
All other causes	1,307	17.7%	NA	NA	NA	NA

FEMALES						
RANK FOR IDAHO AND CAUSE OF DEATH	Deaths		Crude Rate		Age-Adjusted Rate	
	Number	Percent	Idaho ²	U.S. ³	Idaho ²	U.S. ³
TOTAL	6,643	100.0%	775.6	819.3	642.2	617.5
1. Malignant neoplasms (cancer)	1,377	20.7%	160.8	172.8	131.4	134.0
2. Diseases of heart	1,348	20.3%	157.4	180.4	127.7	130.4
3. Alzheimer's disease	479	7.2%	55.9	49.2	45.1	33.9
4. Chronic lower respiratory diseases	477	7.2%	55.7	49.7	45.3	37.4
5. Cerebrovascular diseases	411	6.2%	48.0	50.5	39.0	36.5
6. Accidents (unintentional injury)	334	5.0%	39.0	35.1	35.7	30.8
7. Diabetes mellitus	170	2.6%	19.8	22.1	16.2	16.9
8. Influenza and pneumonia	140	2.1%	16.3	16.2	13.7	11.8
9. Intentional self-harm (suicide)	72	1.1%	8.4	6.2	8.7	6.0
10. Nephritis, nephrotic syndrome, nephrosis	72	1.1%	8.4	15.0	6.8	11.2
11. Parkinson's disease	70	1.1%	8.2	7.2	6.8	5.3
12. Chronic liver disease and cirrhosis	67	1.0%	7.8	9.0	7.2	7.5
13. Essential hypertension & hypertensive renal disease	54	0.8%	6.3	11.4	5.0	8.2
14. Septicemia	53	0.8%	6.2	12.8	5.3	9.7
15. Pneumonitis due to solids and liquids	48	0.7%	5.6	5.4	4.3	3.9
All other causes	1,471	22.1%	NA	NA	NA	NA

Rates are deaths per 100,000 population. NA=not applicable. Rates are not applicable for all other causes.

¹Age-adjusted rates are artificial measures used to compare populations that have different age compositions (so long as the rate was calculated using the same standard population). Idaho and U.S. age-adjusted rates were calculated using the 2000 U.S. population estimate as the standard population.

²Idaho rates are based on the July 1, 2017 population estimates.

³Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2016 on CDC WONDER Online Database, released December, 2017.

IDAHO RESIDENT MORTALITY

Ten Leading Causes of Mortality¹ by Age Group and Number of Deaths 2017

RANK	AGE GROUP											ALL AGES
	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
1	Congenital malformations 28	Accidents (unintentional injury) 11	Accidents (unintentional injury) 21	Accidents (unintentional injury) 70	Accidents (unintentional injury) 105	Accidents (unintentional injury) 92	Malignant neoplasms (cancer) 153	Malignant neoplasms (cancer) 542	Malignant neoplasms (cancer) 847	Malignant neoplasms (cancer) 835	Diseases of heart 1,274	Diseases of heart 3,085
2	Sudden infant death syndrome 10	Congenital malformations, deformations 6	(Tie) Assault (homicide); Congenital malformations; Intentional self-harm; Malignant neoplasms	Intentional self-harm (suicide) 56	Intentional self-harm (suicide) 70	Intentional self-harm (suicide) 68	Accidents (unintentional injury) 112	Diseases of heart 315	Diseases of heart 544	Diseases of heart 782	Malignant neoplasms (cancer) 558	Malignant neoplasms (cancer) 3,015
3	(Tie) Short gestation & low birth weight; Maternal complications of pregnancy 8			(Tie) Assault (homicide); Malignant neoplasms (cancer) 6	Diseases of heart 17	Malignant neoplasms (cancer) 53	Diseases of heart 110	Accidents (unintentional injury) 114	Chronic lower respiratory diseases 270	Chronic lower respiratory diseases 317	Alzheimer's disease 418	Chronic lower respiratory diseases 925
4					Malignant neoplasms (cancer) 15	Diseases of heart 35	Intentional self-harm (suicide) 66	Chronic lower respiratory diseases 101	Cerebrovascular diseases 120	Cerebrovascular diseases 213	Cerebrovascular diseases 319	Accidents (unintentional injury) 878
5	Complications of placenta 6				Assault (homicide) 13	Chronic liver disease and cirrhosis 19	Chronic liver disease and cirrhosis 35	Intentional self-harm (suicide) 67	Diabetes mellitus 108	Alzheimer's disease 192	Chronic lower respiratory diseases 215	Cerebrovascular diseases 722
6	(Tie) Accidents (unintentional injury); Respiratory distress of the newborn 4				Congenital malformations, deformations 5	Diabetes mellitus 12	Diabetes mellitus 27	Chronic liver disease and cirrhosis 65	Accidents (unintentional injury) 100	Diabetes mellitus 102	Accidents (unintentional injury) 157	Alzheimer's disease 673
7					Pregnancy, childbirth, and the puerperium 3	Assault (homicide) 9	Cerebrovascular diseases 18	Diabetes mellitus 62	Alzheimer's disease 53	Accidents (unintentional injury) 92	Influenza and pneumonia 116	(Tie) Diabetes mellitus; Intentional self-harm (suicide) 393
8	(Tie) Intrauterine hypoxia and birth asphyxia; Complications of labor and delivery 3					(Tie) Chronic lower respiratory diseases; Influenza and pneumonia 4	Chronic lower respiratory diseases 15	Cerebrovascular diseases 48	Chronic liver disease and cirrhosis 46	Parkinson's disease 90	Diabetes mellitus 80	
9							Influenza and pneumonia 13	(Tie) Influenza and pneumonia; Septicemia 18	Influenza and pneumonia 37	Influenza and pneumonia 68	Parkinson's disease 77	Influenza and pneumonia 257
10						Septicemia 3	Septicemia 12		Parkinson's disease 33	Nephritis 50	Nephritis 67	Parkinson's disease 205
Residual ²	27	8	10	23	47	66	129	321	522	820	1,154	3,461
Total	101	25	43	161	275	365	690	1,671	2,680	3,561	4,435	14,007

Nephritis is a shorted ICD-10 title for 'Nephritis, nephrotic syndrome, nephrosis'; Complication of placenta is short for 'Complications of placenta, cord and membranes'; Congenital malformations is short for 'Congenital malformations, deformations, and chromosomal abnormalities.'

¹Data are shown for causes with 3 or more deaths for given age group. ²Total number of deaths for all other leading causes not listed and all other causes not ranked for leading cause of death.

IDAHO MALE RESIDENT MORTALITY

Ten Leading Causes of Mortality¹ by Age Group and Number of Deaths

2017

RANK	AGE GROUP											ALL AGES
	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
1	Congenital malformations 14	Accidents (unintentional injury) 6	Accidents (unintentional injury) 14	Intentional self-harm (suicide) 51	Accidents (unintentional injury) 74	Accidents (unintentional injury) 65	Diseases of heart 72	Malignant neoplasms (cancer) 292	Malignant neoplasms (cancer) 467	Malignant neoplasms (cancer) 477	Diseases of heart 570	Diseases of heart 1,737
2	Maternal complications of pregnancy 6			Accidents (unintentional injury) 49	Intentional self-harm (suicide) 56	Intentional self-harm (suicide) 55	Accidents (unintentional injury) 71	Diseases of heart 225	Diseases of heart 373	Diseases of heart 460	Malignant neoplasms (cancer) 291	Malignant neoplasms (cancer) 1,638
3	Short gestation and low birth weight 5			Malignant neoplasms (cancer) 5	Diseases of heart 12	Malignant neoplasms (cancer) 27	Malignant neoplasms (cancer) 70	Accidents (unintentional injury) 76	Chronic lower respiratory diseases 147	Chronic lower respiratory diseases 147	(Tie) Alzheimer's disease; Cerebrovas- cular disease	Accidents (unintentional injury) 544
4	Sudden infant death syndrome 4			Assault (homicide) 4	Assault (homicide) 10	Diseases of heart 22	Intentional self-harm (suicide) 47	Intentional self-harm (suicide) 57	(Tie) Cerebrovas- cular diseases; Diabetes mellitus	Cerebrovas- cular diseases 96	Chronic lower respiratory diseases 95	Chronic lower respiratory diseases 448
5				Diseases of heart 3	Malignant neoplasms (cancer) 9	Diabetes mellitus 10	Chronic liver disease and cirrhosis 22	Chronic liver disease and cirrhosis 49	Diabetes mellitus 64	Alzheimer's disease 63	Chronic lower respiratory diseases 95	Intentional self-harm (suicide) 321
6					Congenital malformations 4	Chronic liver disease and cirrhosis 7	Diabetes mellitus 18	Chronic lower respiratory diseases 45	Accidents (unintentional injury) 62	Parkinson's disease 62	Accidents (unintentional injury) 67	Cerebrovas- cular diseases 311
7						Assault (homicide) 5	Cerebrovas- cular diseases 11	Diabetes mellitus 38	Chronic liver disease and cirrhosis 30	Accidents (unintentional injury) 58	(Tie) Influenza and pneumonia; Parkinson's disease	Diabetes mellitus 223
8							Chronic lower respiratory diseases 10	Cerebrovas- cular diseases 29	Parkinson's disease 24	Diabetes mellitus 55	45	Alzheimer's disease 194
9							Septicemia 7	Influenza and pneumonia 13	Intentional self-harm (suicide) 23	Influenza and pneumonia 31	(Tie) Diabetes mellitus; Nephritis	Parkinson's disease 135
10							Influenza and pneumonia 5	(Tie) Nephritis; Septicemia 11	Influenza and pneumonia 22	Nephritis 27	38	Chronic liver disease and cirrhosis 130
Residual ²	20	6	12	9	28	41	60	173	293	436	431	1,683
Total	49	12	26	121	193	232	393	1,019	1,569	1,912	1,838	7,364

Nephritis is a shorted ICD-10 title for 'Nephritis, nephrotic syndrome, nephrosis'; Congenital malformations is short for 'Congenital malformations, deformations, and chromosomal abnormalities.'

¹Data are shown for causes with 3 or more deaths for given age group. ²Total number of deaths for all other leading causes not listed and all other causes not ranked for leading cause of death.

IDAHO FEMALE RESIDENT MORTALITY
Ten Leading Causes of Mortality¹ by Age Group and Number of Deaths
2017

RANK	AGE GROUP											ALL AGES
	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
1	Congenital malformations 14	(Tie) Accidents (unintentional injury); Congenital malformations	Accidents (unintentional injury) 7	Accidents (unintentional injury) 21	Accidents (unintentional injury) 31	Accidents (unintentional injury) 27	Malignant neoplasms (cancer) 83	Malignant neoplasms (cancer) 250	Malignant neoplasms (cancer) 380	Malignant neoplasms (cancer) 358	Diseases of heart 704	Malignant neoplasms (cancer) 1,377
2	Sudden infant death syndrome 6	5	Malignant neoplasms 3	Intentional self-harm (suicide) 5	Intentional self-harm (suicide) 14	Malignant neoplasms (cancer) 26	Accidents (unintentional injury) 41	Diseases of heart 90	Diseases of heart 171	Diseases of heart 322	Alzheimer's disease 309	Diseases of heart 1,348
3	Complications of placenta, cord & 4				Malignant neoplasms (cancer) 6	(Tie) Diseases of heart; Intentional self-harm (suicide)	Diseases of heart 38	Chronic lower respiratory diseases 56	Chronic lower respiratory diseases 123	Chronic lower respiratory diseases 170	Malignant neoplasms (cancer) 267	Alzheimer's disease 479
4	Short gestation and low birth weight 3				Diseases of heart 5	Intentional self-harm (suicide) 13	Intentional self-harm (suicide) 19	Accidents (unintentional injury) 38	Cerebrovascular diseases 56	Alzheimer's disease 129	Cerebrovascular diseases 210	Chronic lower respiratory diseases 477
5					(Tie) Assault (homicide); Pregnancy, childbirth, and the puerperium 3	Chronic liver disease and cirrhosis 12	Chronic liver disease and cirrhosis 13	Diabetes mellitus 24	Diabetes mellitus 44	Cerebrovascular diseases 117	Chronic lower respiratory diseases 120	Cerebrovascular diseases 411
6						Assault (homicide) 4	Diabetes mellitus 9	Cerebrovascular diseases 19	Accidents (unintentional injury) 38	Diabetes mellitus 47	Accidents (unintentional injury) 90	Accidents (unintentional injury) 334
7						(Tie) Chronic lower respiratory diseases; Influenza and pneumonia 3	Influenza and pneumonia 8	Chronic liver disease and cirrhosis 16	Alzheimer's disease 34	Influenza and pneumonia 37	Influenza and pneumonia 71	Diabetes mellitus 170
8							Cerebrovascular diseases 7	Intentional self-harm (suicide) 10	Chronic liver disease and cirrhosis 16	Accidents (unintentional injury) 34	Diabetes mellitus 42	Influenza and pneumonia 140
9							(Tie) Chronic lower respiratory diseases; Septicemia 5	Septicemia 7	(Tie) Influenza and pneumonia; Nephritis 15	Parkinson's disease 28	Essential hypertension 36	(Tie) Nephritis; Intentional self-harm (suicide) 72
10								Alzheimer's disease 6		Nephritis 23	Parkinson's disease 32	
Residual ²	25	3	7	14	20	32	69	136	219	384	716	1,763
Total	52	13	17	40	82	133	297	652	1,111	1,649	2,597	6,643

Nephritis is a shorted ICD-10 title for 'Nephritis, nephrotic syndrome, nephrosis'; Congenital malformations is short for 'Congenital malformations, deformations, and chromosomal abnormalities'; Essential hypertension is short for 'Essential hypertension and hypertensive renal disease.'

¹Data are shown for causes with 3 or more deaths for given age group. ²Total number of deaths for all other leading causes not listed and all other causes not ranked for leading cause of death.

YEARS OF POTENTIAL LIFE LOST BEFORE AGE 75
Ten Leading Causes of Mortality Based on Premature Death¹
Total and by Sex
2017

RANK AND CAUSE OF DEATH	Persons Aged Less than 75 Years		Years of Potential Life Lost (YPLL) Before Age 75		
	Number of Deaths	Percent of Deaths	Total Number of YPLL	YPLL Rate ²	Average Number of YPLL per Death
TOTAL	6,011	100.0%	99,488	6,168	16.6
1. Accidents (unintentional injury)	629	10.5%	19,069	1,182	30.3
2. Malignant neoplasms (cancer)	1,622	27.0%	18,749	1,162	11.6
3. Diseases of heart	1,029	17.1%	12,229	758	11.9
4. Intentional self-harm (suicide)	361	6.0%	11,659	723	32.3
5. Chronic lower respiratory diseases	393	6.5%	3,260	202	8.3
6. Congenital malformations, deformations and chromosomal abnormalities	60	1.0%	3,254	202	54.2
7. Certain conditions originating in perinatal period	42	0.7%	3,129	194	74.5
8. Chronic liver disease and cirrhosis	166	2.8%	2,786	173	16.8
9. Diabetes mellitus	211	3.5%	2,667	165	12.6
10. Cerebrovascular diseases	190	3.2%	1,904	118	10.0
All other causes	1,308	21.8%	NA	NA	NA
MALES	3,614	100.0%	61,279	7,530	17.0
1. Accidents (unintentional injury)	419	11.6%	12,902	1,585	30.8
2. Malignant neoplasms (cancer)	870	24.1%	9,648	1,186	11.1
3. Intentional self-harm (suicide)	291	8.1%	9,575	1,177	32.9
4. Diseases of heart	707	19.6%	8,262	1,015	11.7
5. Certain conditions originating in perinatal period	24	0.7%	1,788	220	74.5
6. Diabetes mellitus	130	3.6%	1,695	208	13.0
7. Chronic lower respiratory diseases	206	5.7%	1,692	208	8.2
8. Chronic liver disease and cirrhosis	108	3.0%	1,677	206	15.5
9. Congenital malformations, deformations and chromosomal abnormalities	35	1.0%	1,672	205	47.8
10. Cerebrovascular diseases	106	2.9%	1,111	137	10.5
All other causes	718	19.9%	NA	NA	NA
FEMALES	2,397	100.0%	38,209	4,782	15.9
1. Malignant neoplasms (cancer)	752	31.4%	9,101	1,139	12.1
2. Accidents (unintentional injury)	210	8.8%	6,167	772	29.4
3. Diseases of heart	322	13.4%	3,967	496	12.3
4. Intentional self-harm (suicide)	70	2.9%	2,084	261	29.8
5. Congenital malformations, deformations and chromosomal abnormalities	25	1.0%	1,583	198	63.3
6. Chronic lower respiratory diseases	187	7.8%	1,568	196	8.4
7. Certain conditions originating in perinatal period	18	0.8%	1,341	168	74.5
8. Chronic liver disease and cirrhosis	58	2.4%	1,109	139	19.1
9. Diabetes mellitus	81	3.4%	972	122	12.0
10. Assault (homicide)	20	0.8%	823	103	41.2
All other causes	654	27.3%	NA	NA	NA

NA=not applicable. YPLL not applicable for all other causes.

¹Ranking based on total number of years of potential life lost (YPLL).

²YPLL rate is the total number of years of potential life lost per 100,000 population aged less than 75 years. See Technical Notes for methodology.

IDAHO RESIDENT LIFE EXPECTANCY
Age in Years by Sex
2017

EXACT AGE IN YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING ($^{\circ}e_x$)		
	Total	Male	Female
0	79.2	77.2	81.3
1	78.6	76.5	80.7
5	74.7	72.6	76.8
10	69.7	67.7	71.8
15	64.8	62.8	66.9
20	60.0	58.0	62.0
25	55.2	53.3	57.1
30	50.5	48.8	52.2
35	45.8	44.1	47.5
40	41.2	39.6	42.8
45	36.5	35.0	38.0
50	32.0	30.5	33.4
55	27.6	26.2	29.0
60	23.4	22.2	24.7
65	19.4	18.4	20.5
70	15.6	14.7	16.5
75	12.1	11.3	12.7
80	9.0	8.4	9.5
85	6.5	6.0	6.8

U.S. life expectancy in 2016 was 78.6 years, 76.1 years for males, and 81.1 years for females.¹

IDAHO RESIDENT LIFE EXPECTANCY AT BIRTH
By District of Residence
2017

RESIDENCE	AVERAGE NUMBER OF YEARS LIFE EXPECTANCY AT BIRTH		
	Total	Male	Female
IDAHO	79.2	77.2	81.3
District 1	78.8	76.7	81.1
District 2	79.2	76.3	82.6
District 3	78.7	76.5	80.9
District 4	80.5	78.7	82.2
District 5	79.0	77.0	81.1
District 6	77.2	75.2	79.2
District 7	79.4	77.6	81.4

Life expectancy at birth represents the average number of years a group of infants born in 2017 would live if the group was to experience throughout life the age-specific death rates present in 2017.

See Technical Notes for methodology.

¹ "Deaths: Final Data for 2016," National Vital Statistics Reports, National Center for Health Statistics, Vol 67, No. 5, July 26, 2018.

IDAHO RESIDENT MORTALITY
Malignant Neoplasm (Cancer) Mortality by Leading Site of Cancer
2017

RESIDENCE	TOTAL	Trachea, bronchus	Colon, rectum, and anus	Pancreas	Breast (1)	Prostate (2)	Leukemia	Liver and intrahepatic bile ducts	All other malignant neoplasms
IDAHO	3,015	605	261	244	225	164	130	121	1,265
Rate	175.6	35.2	15.2	14.2	13.1	19.1	7.6	7.0	73.7
District 1	594	136	48	42	44	33	23	24	244
Rate	252.9	57.9	20.4	17.9	18.7	28.3	9.8	10.2	103.9
District 2	226	68	17	16	11	16	7	6	85
Rate	208.3	62.7	15.7	14.7	10.1	28.9	6.5	5.5	78.3
District 3	520	105	54	37	39	19	20	22	224
Rate	183.6	37.1	19.1	13.1	13.8	13.5	7.1	7.8	79.1
District 4	793	142	59	73	68	47	46	43	315
Rate	158.1	28.3	11.8	14.6	13.6	18.6	9.2	8.6	62.8
District 5	324	60	25	25	22	18	16	14	144
Rate	164.7	30.5	12.7	12.7	11.2	18.2	8.1	7.1	73.2
District 6	271	43	30	27	15	10	7	6	133
Rate	157.1	24.9	17.4	15.7	8.7	11.6	4.1	3.5	77.1
District 7	287	51	28	24	26	21	11	6	120
Rate	130.7	23.2	12.8	10.9	11.8	19.0	5.0	2.7	54.7
Ada	712	120	53	68	66	44	39	37	285
Adams	9	4	2	1	-	-	-	-	2
Bannock	144	24	13	14	6	9	4	4	70
Bear Lake	12	1	1	-	1	-	-	-	9
Benewah	22	4	1	-	3	1	1	-	12
Bingham	62	12	10	8	4	1	2	2	23
Blaine	28	4	1	2	1	1	2	2	15
Boise	10	3	1	-	1	1	-	1	3
Bonner	126	32	12	8	6	6	6	6	50
Bonneville	148	24	15	15	13	8	6	3	64
Boundary	33	8	1	1	1	1	-	-	21
Butte	7	1	-	-	1	-	-	-	5
Camas	5	-	-	-	-	1	-	2	2
Canyon	348	66	34	24	31	15	14	16	148
Caribou	10	1	-	2	1	-	1	-	5
Cassia	26	3	3	2	3	-	1	-	14
Clark	1	1	-	-	-	-	-	-	-
Clearwater	31	8	3	1	-	1	-	1	17
Custer	19	6	3	-	1	1	-	-	8
Elmore	57	16	5	4	-	2	6	3	21
Franklin	22	2	5	2	2	-	-	-	11
Fremont	17	3	2	2	1	1	-	1	7
Gem	43	10	5	2	1	2	1	1	21
Gooding	33	11	1	1	3	1	2	-	14
Idaho	39	10	5	5	1	3	-	2	13
Jefferson	40	8	3	1	6	4	2	1	15
Jerome	30	5	4	4	1	3	1	2	10
Kootenai	370	75	29	30	34	22	16	13	151
Latah	39	12	4	3	1	4	2	-	13
Lemhi	27	5	2	1	3	3	2	1	10
Lewis	9	5	1	-	-	1	-	-	2
Lincoln	4	1	-	-	1	1	-	-	1
Madison	22	2	1	3	1	4	1	-	10
Minidoka	34	6	3	3	3	2	1	1	15
Nez Perce	108	33	4	7	9	7	5	3	40
Oneida	7	2	-	1	-	-	-	-	4
Owyhee	18	2	2	1	-	1	-	1	11
Payette	60	15	6	6	5	-	3	2	23
Power	7	-	1	-	-	-	-	-	6
Shoshone	43	17	5	3	-	3	-	5	10
Teton	13	2	2	2	1	-	-	-	6
Twin Falls	164	30	13	13	10	9	9	7	73
Valley	14	3	-	1	1	-	1	2	6
Washington	42	8	5	3	2	1	2	2	19

Rates are deaths per 100,000 population. (1) Includes males and females. For breast cancer mortality for females, see the table for Malignant neoplasm mortality by sex. (2) Prostate cancer rates are deaths per 100,000 male population.

IDAHO RESIDENT MORTALITY
Malignant Neoplasm (Cancer) Mortality by Sex and Leading Site of Cancer
2017

RESIDENCE	MALES					FEMALES				
	TOTAL	Trachea, bronchus and lung	Prostate	Colon, rectum, and anus	Pancreas	TOTAL	Trachea, bronchus and lung	Breast	Colon, rectum, and anus	Pancreas
IDAHO	1,638	328	164	135	128	1,377	277	222	126	116
Rate	190.4	38.1	19.1	15.7	14.9	160.8	32.3	25.9	14.7	13.5
District 1	325	72	33	28	23	269	64	44	20	19
Rate	278.8	61.8	28.3	24.0	19.7	227.4	54.1	37.2	16.9	16.1
District 2	134	42	16	8	5	92	26	11	9	11
Rate	241.9	75.8	28.9	14.4	9.0	173.2	48.9	20.7	16.9	20.7
District 3	282	65	19	27	21	238	40	39	27	16
Rate	200.6	46.2	13.5	19.2	14.9	166.9	28.1	27.4	18.9	11.2
District 4	419	72	47	28	37	374	70	67	31	36
Rate	166.2	28.6	18.6	11.1	14.7	149.9	28.1	26.9	12.4	14.4
District 5	180	30	18	13	14	144	30	22	12	11
Rate	182.4	30.4	18.2	13.2	14.2	146.9	30.6	22.4	12.2	11.2
District 6	148	22	10	17	16	123	21	14	13	11
Rate	171.2	25.5	11.6	19.7	18.5	143.0	24.4	16.3	15.1	12.8
District 7	150	25	21	14	12	137	26	25	14	12
Rate	135.6	22.6	19.0	12.7	10.8	125.7	23.9	22.9	12.8	11.0
Ada	366	61	44	24	34	346	59	65	29	34
Adams	7	3	-	1	1	2	1	-	1	-
Bannock	74	10	9	6	8	70	14	6	7	6
Bear Lake	8	-	-	-	-	4	1	1	1	-
Benewah	14	3	1	1	-	8	1	3	-	-
Bingham	34	7	1	7	4	28	5	4	3	4
Blaine	19	1	1	1	1	9	3	1	-	1
Boise	7	1	1	1	-	3	2	1	-	-
Bonner	66	16	6	7	4	60	16	6	5	4
Bonneville	70	12	8	7	7	78	12	13	8	8
Boundary	15	4	1	-	1	18	4	1	1	-
Butte	5	-	-	-	-	2	1	-	-	-
Camas	4	-	1	-	-	1	-	-	-	-
Canyon	175	38	15	15	10	173	28	31	19	14
Caribou	5	1	-	-	2	5	-	1	-	-
Cassia	11	3	-	2	-	15	-	3	1	2
Clark	1	1	-	-	-	-	-	-	-	-
Clearwater	16	5	1	1	-	15	3	-	2	1
Custer	11	3	1	2	-	8	3	1	1	-
Elmore	36	8	2	3	3	21	8	-	2	1
Franklin	13	2	-	4	1	9	-	2	1	1
Fremont	5	-	1	1	1	12	3	1	1	1
Gem	27	6	2	2	1	16	4	1	3	1
Gooding	16	6	1	1	1	17	5	3	-	-
Idaho	23	6	3	2	3	16	4	1	3	2
Jefferson	24	5	4	1	-	16	3	6	2	1
Jerome	15	2	3	2	-	15	3	1	2	4
Kootenai	204	40	22	16	16	166	35	34	13	14
Latah	25	9	4	1	-	14	3	1	3	3
Lemhi	18	3	3	2	1	9	2	3	-	-
Lewis	6	2	1	1	-	3	3	-	-	-
Lincoln	2	-	1	-	-	2	1	1	-	-
Madison	12	-	4	-	1	10	2	1	1	2
Minidoka	22	2	2	1	3	12	4	3	2	-
Nez Perce	64	20	7	3	2	44	13	9	1	5
Oneida	4	2	-	-	1	3	-	-	-	-
Owyhee	10	1	1	2	1	8	1	-	-	-
Payette	37	12	-	4	5	23	3	5	2	1
Power	5	-	-	-	-	2	-	-	1	-
Shoshone	26	9	3	4	2	17	8	-	1	1
Teton	9	1	-	1	2	4	1	-	1	-
Twin Falls	91	16	9	6	9	73	14	10	7	4
Valley	10	2	-	-	-	4	1	1	-	1
Washington	26	5	1	3	3	16	3	2	2	-

Sex-specific rates are deaths per 100,000 population for each sex. Rates are unreliable when the rate was calculated with a numerator (number of deaths) <20. All other causes not shown in this table.

IDAHO RESIDENT MORTALITY
Primary Site of Malignant Neoplasm (Cancer) by Sex
2017

SITE OF MALIGNANT NEOPLASM (ICD-10 code)	TOTAL	Male	Female
TOTAL	3,015	1,638	1,377
Lip, Oral Cavity, and Pharynx (C00-C14)	47	39	8
Lip (C00)	1	1	-
Tongue (C01-C02)	9	8	1
Pharynx (C10-C13, C14.0)	21	19	2
Other/unspecified sites within the lip, oral cavity, and pharynx (C03-C09, C14.2-C14.8)	16	11	5
Digestive Organs (C15-C26)	813	479	334
Esophagus (C15)	99	82	17
Stomach (C16)	40	22	18
Small intestine (C17)	12	6	6
Colon (C18)	194	96	98
Rectosigmoid junction and rectum (C19-C20)	58	35	23
Anus and anal canal (C21)	9	4	5
Liver (C22.0, C22.2-C22.9)	83	64	19
Intrahepatic bile ducts (C22.1)	38	24	14
Gallbladder and extrahepatic bile ducts (C23-C24)	22	10	12
Pancreas (C25)	244	128	116
Other/ill-defined digestive organs (C26)	14	8	6
Respiratory & Intrathoracic Organs (C30-C39)	624	340	284
Nasal cavity and middle ear and accessory sinuses (C30-C31)	6	3	3
Larynx (C32)	9	6	3
Trachea (C33)	-	-	-
Bronchus and lung (C34)	605	328	277
Thymus, heart, mediastinum, and pleura (C37-C38)	4	3	1
Other/ill-defined sites in the respiratory system and intrathoracic organs (C39)	-	-	-
Bone and Articular Cartilage (C40-C41)	9	3	6
Melanoma and Other Malignant Neoplasm of Skin (C43-C44)	72	52	20
Melanoma of skin (C43)	48	30	18
Other malignant neoplasms of skin (C44)	24	22	2
Mesothelial and Soft Tissue (C45-C49)	59	37	22
Mesothelioma (C45)	22	22	-
Kaposi's sarcoma (C46)	-	-	-
Other mesothelial and soft tissue (C47-C49)	37	15	22
Breast (C50)	225	3	222
Female Genital Organs (C51-C58)	157	-	157
Vulva and vagina (C51-C52)	12	-	12
Cervix uteri (C53)	14	-	14
Corpus uteri and uterus, part unspecified (C54-C55)	61	-	61
Ovary (C56)	68	-	68
Other/unspecified female genital organs (C57)	2	-	2
Placenta (C58)	-	-	-
Male Genital Organs (C60-C63)	166	166	-
Prostate (C61)	164	164	-
Testis (C62)	1	1	-
Penis and other/unspecified male genital organs (C60, C63)	1	1	-
Urinary Organs (C64-C68)	185	130	55
Kidney and renal pelvis (C64-C65)	83	47	36
Bladder (C67)	95	76	19
Other/unspecified sites within the urinary tract (C66, C68)	7	7	-
Eye and Adexa (C69)	2	2	-
Meninges, Brain, and Other Parts of Central Nervous System (C70-C72)	95	68	27
Brain (C71)	92	66	26
Other parts of central nervous system (C70, C72)	3	2	1
Thyroid and Other Endocrine Glands (C73-C75)	16	8	8

IDAHO RESIDENT MORTALITY
Primary Site of Malignant Neoplasm (Cancer) by Sex (continued)
2017

SITE OF MALIGNANT NEOPLASM (ICD-10 code)	TOTAL	Male	Female
Lymphatic and Hematopoietic Tissues (C81-C96)	335	193	142
Hodgkin's disease (C81)	7	2	5
Non-Hodgkin's lymphoma (C82-C85)	119	66	53
Immunoproliferative diseases (C88)	2	1	1
Multiple myeloma and malignant plasma cell neoplasms (C90)	77	49	28
Lymphoid leukemia (C91)	29	17	12
Myeloid leukemia (C92)	71	40	31
Monocytic leukemia (C93)	1	1	-
Other/unspecified leukemia (C94-C95)	29	17	12
Other/unspecified lymphoid, hematopoietic and related issues (C86, C96)	-	-	-
Other/Unspecified Sites (C76-C80, C97)	210	118	92

IDAHO RESIDENT MORTALITY

Leading Causes of Mortality

2017

RESIDENCE	TOTAL DEATHS	Diseases of heart	Malignant neoplasms	Chronic lower respiratory diseases	Accident	Cerebrovascular diseases
IDAHO	14,007	3,085	3,015	925	878	722
Rate	815.8	179.7	175.6	53.9	51.1	42.1
District 1	2,380	471	594	168	132	129
Rate	1,013.4	200.6	252.9	71.5	56.2	54.9
District 2	1,087	220	226	69	86	60
Rate	1,001.7	202.7	208.3	63.6	79.2	55.3
District 3	2,310	542	520	153	124	111
Rate	815.7	191.4	183.6	54.0	43.8	39.2
District 4	3,550	822	793	204	218	194
Rate	707.7	163.9	158.1	40.7	43.5	38.7
District 5	1,611	328	324	122	127	72
Rate	819.0	166.7	164.7	62.0	64.6	36.6
District 6	1,540	351	271	99	102	83
Rate	893.0	203.5	157.1	57.4	59.1	48.1
District 7	1,529	351	287	110	89	73
Rate	696.3	159.9	130.7	50.1	40.5	33.2
Ada	3,229	749	712	180	203	174
Adams	52	10	9	1	9	3
Bannock	742	170	144	42	54	33
Bear Lake	73	19	12	6	2	3
Benewah	131	32	22	11	6	4
Bingham	391	85	62	27	25	25
Blaine	116	21	28	13	8	6
Boise	53	10	10	6	2	4
Bonner	463	98	126	29	22	29
Bonneville	914	206	148	64	48	40
Boundary	121	18	33	7	6	5
Butte	31	10	7	-	2	1
Camas	14	-	5	1	1	-
Canyon	1,575	392	348	106	85	77
Caribou	87	22	10	11	3	10
Cassia	205	37	26	11	16	8
Clark	7	2	1	-	1	-
Clearwater	117	26	31	5	9	7
Custer	48	8	19	8	3	2
Elmore	189	45	57	14	8	10
Franklin	120	21	22	4	9	8
Fremont	109	28	17	9	7	12
Gem	212	41	43	20	6	13
Gooding	150	41	33	6	9	8
Idaho	177	38	39	10	14	3
Jefferson	168	33	40	12	11	5
Jerome	164	32	30	23	15	8
Kootenai	1,463	286	370	92	84	80
Latah	216	38	39	14	22	19
Lemhi	103	24	27	11	8	2
Lewis	52	13	9	5	4	1
Lincoln	29	4	4	5	4	1
Madison	140	40	22	5	8	8
Minidoka	182	44	34	11	8	14
Nez Perce	525	105	108	35	37	30
Oneida	41	15	7	2	3	1
Owyhee	97	21	18	5	5	5
Payette	240	44	60	15	8	12
Power	55	9	7	7	4	2
Shoshone	202	37	43	29	14	11
Teton	40	10	13	1	3	4
Twin Falls	751	149	164	52	66	27
Valley	79	18	14	4	5	6
Washington	134	34	42	6	11	1

Rates are deaths per 100,000 population.

IDAHO RESIDENT MORTALITY
Leading Causes of Mortality (continued)
2017

RESIDENCE	Alzheimer's disease	Suicide	Diabetes mellitus	Influenza and pneumonia	Parkinson's disease	Chronic liver disease and cirrhosis
IDAHO	673	393	393	257	205	197
Rate	39.2	22.9	22.9	15.0	11.9	11.5
District 1	64	57	79	43	43	33
Rate	27.3	24.3	33.6	18.3	18.3	14.1
District 2	30	24	39	21	18	9
Rate	27.6	22.1	35.9	19.4	16.6	8.3
District 3	122	76	69	47	30	32
Rate	43.1	26.8	24.4	16.6	10.6	11.3
District 4	243	97	57	57	56	52
Rate	48.4	19.3	11.4	11.4	11.2	10.4
District 5	87	52	43	29	18	22
Rate	44.2	26.4	21.9	14.7	9.2	11.2
District 6	71	41	53	37	12	28
Rate	41.2	23.8	30.7	21.5	7.0	16.2
District 7	56	46	53	23	28	21
Rate	25.5	20.9	24.1	10.5	12.8	9.6
Ada	234	85	47	51	54	49
Adams	1	6	-	1	-	3
Bannock	39	25	19	14	8	15
Bear Lake	1	2	4	1	-	5
Benewah	1	3	6	3	4	-
Bingham	24	7	22	8	3	6
Blaine	2	2	2	1	2	-
Boise	-	4	1	1	-	-
Bonner	26	12	12	3	10	4
Bonneville	35	30	32	12	17	13
Boundary	5	6	5	4	1	2
Butte	-	-	1	1	-	1
Camas	1	-	-	-	-	1
Canyon	90	48	53	31	11	17
Caribou	3	1	3	3	-	1
Cassia	18	10	12	4	3	4
Clark	-	-	1	-	1	-
Clearwater	-	2	3	3	2	3
Custer	-	-	-	1	-	1
Elmore	7	5	6	3	1	3
Franklin	2	3	2	6	-	-
Fremont	2	3	8	-	-	1
Gem	9	8	3	4	9	4
Gooding	5	3	1	4	2	1
Idaho	2	8	10	2	1	-
Jefferson	5	5	6	3	4	3
Jerome	10	5	3	1	3	1
Kootenai	25	32	48	28	27	24
Latah	7	6	6	5	6	1
Lemhi	2	2	1	6	2	2
Lewis	-	-	3	2	-	-
Lincoln	-	2	2	1	-	-
Madison	11	6	5	1	3	1
Minidoka	9	5	5	2	2	2
Nez Perce	21	8	17	9	9	5
Oneida	-	1	-	3	-	-
Owyhee	8	3	3	3	2	2
Payette	8	10	6	5	6	6
Power	2	2	2	1	1	-
Shoshone	7	4	8	5	1	3
Teton	1	-	-	-	1	-
Twin Falls	42	25	18	16	6	13
Valley	2	3	3	2	1	-
Washington	6	1	4	3	2	-

Rates are deaths per 100,000 population.

IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group
2017

CAUSE OF DEATH	ICD-10 CODE	SEX	TOTAL	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
TOTAL	A01-Y99	T	14,007	101	25	14	29	70	91	275	365	690	1,671	2,680	3,561	4,435
		F	6,643	52	13	6	11	18	22	82	133	297	652	1,111	1,649	2,597
		M	7,364	49	12	8	18	52	69	193	232	393	1,019	1,569	1,912	1,838
# Salmonella infections	A01-A02	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Shigellosis and amebiasis	A03, A06	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Certain other intestinal infections	A04, A07-A09	T	42	1	-	-	-	-	-	-	1	1	3	12	13	11
		F	27	1	-	-	-	-	-	-	1	1	2	7	7	8
		M	15	-	-	-	-	-	-	-	-	-	1	5	6	3
# Enterocolitis due to <i>Clostridium difficile</i>	A04.7	T	25	-	-	-	-	-	-	-	1	1	1	7	6	9
		F	15	-	-	-	-	-	-	-	1	1	1	3	3	6
		M	10	-	-	-	-	-	-	-	-	-	-	4	3	3
# Tuberculosis	A16-A19	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Respiratory tuberculosis	A16	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other tuberculosis	A17-A19	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Whooping cough	A37	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Scarlet fever and erysipelas	A38, A46	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Meningococcal infection	A39	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Septicemia	A40-A41	T	115	1	-	-	-	1	-	1	3	12	18	22	32	25
		F	53	1	-	-	-	1	-	1	1	5	7	13	14	10
		M	62	-	-	-	-	-	-	-	2	7	11	9	18	15
# Syphilis	A50-A53	T	2	-	-	-	-	-	-	-	-	-	-	2	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	-	-	-	-	-	2	-	-

Causes designated by the symbol # are ranked to determine the leading causes of death. Sex: T=total, F=female, and M=male.

IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group (continued)
2017

CAUSE OF DEATH	ICD-10 CODE	SEX	TOTAL	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
# Acute poliomyelitis	A80	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Arthropod-borne viral encephalitis	A83-A84, A85.2	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Measles	B05	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Viral hepatitis	B15-B19	T	22	-	-	-	-	-	-	-	-	2	12	6	2	-
		F	6	-	-	-	-	-	-	-	-	-	5	1	-	-
		M	16	-	-	-	-	-	-	-	-	2	7	5	2	-
# Human immunodeficiency virus (HIV) disease	B20-B24	T	8	-	-	-	-	-	-	-	1	2	2	3	-	-
		F	2	-	-	-	-	-	-	-	-	1	-	1	-	-
		M	6	-	-	-	-	-	-	-	1	1	2	2	-	-
# Malaria	B50-B54	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unspecified infectious and parasitic diseases and their sequelae	See footnote 1	T	41	1	-	-	-	-	-	-	1	-	4	9	14	12
		F	21	-	-	-	-	-	-	-	1	-	1	6	9	4
		M	20	1	-	-	-	-	-	-	-	-	3	3	5	8
West Nile Fever	A92.3	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Malignant neoplasms (cancer)	C00-C97	T	3,015	1	2	1	2	3	3	15	53	153	542	847	835	558
		F	1,377	1	2	1	2	1	-	6	26	83	250	380	358	267
		M	1,638	-	-	-	-	2	3	9	27	70	292	467	477	291
Lip, oral cavity and pharynx	C00-C14	T	47	-	-	-	-	-	-	-	1	5	14	12	11	4
		F	8	-	-	-	-	-	-	-	1	1	-	2	3	1
		M	39	-	-	-	-	-	-	-	-	4	14	10	8	3
Esophagus	C15	T	99	-	-	-	-	-	-	-	2	12	23	24	23	15
		F	17	-	-	-	-	-	-	-	-	2	3	4	3	5
		M	82	-	-	-	-	-	-	-	2	10	20	20	20	10
Stomach	C16	T	40	-	-	-	-	-	-	1	-	2	9	11	7	10
		F	18	-	-	-	-	-	-	1	-	1	-	4	4	8
		M	22	-	-	-	-	-	-	-	-	1	9	7	3	2
Colon, rectum and anus	C18-C21	T	261	-	-	-	-	-	-	1	9	21	54	59	72	45
		F	126	-	-	-	-	-	-	-	2	10	22	27	39	26
		M	135	-	-	-	-	-	-	1	7	11	32	32	33	19

Causes designated by the symbol # are ranked to determine the leading causes of death. Sex: T=total, F=female, and M=male.

1. Other and unspecified infectious and parasitic diseases and their sequelae: A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99.

IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group (continued)
2017

CAUSE OF DEATH	ICD-10 CODE	SEX	TOTAL	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
Liver and intrahepatic bile ducts	C22	T	121	-	-	-	-	-	-	-	1	8	24	47	31	10
		F	33	-	-	-	-	-	-	-	1	3	7	11	8	3
		M	88	-	-	-	-	-	-	-	-	5	17	36	23	7
Pancreas	C25	T	244	-	-	-	-	-	-	2	1	11	41	77	78	34
		F	116	-	-	-	-	-	-	1	1	4	16	41	34	19
		M	128	-	-	-	-	-	-	1	-	7	25	36	44	15
Larynx	C32	T	9	-	-	-	-	-	-	-	-	-	2	2	3	2
		F	3	-	-	-	-	-	-	-	-	-	-	1	1	1
		M	6	-	-	-	-	-	-	-	-	-	2	1	2	1
Trachea, bronchus and lung	C33-C34	T	605	-	-	-	-	-	-	-	5	19	113	197	178	93
		F	277	-	-	-	-	-	-	-	2	14	54	80	82	45
		M	328	-	-	-	-	-	-	-	3	5	59	117	96	48
Malignant melanoma of skin	C43	T	48	-	-	-	-	-	-	2	1	4	8	17	10	6
		F	18	-	-	-	-	-	-	-	-	3	2	9	4	-
		M	30	-	-	-	-	-	-	2	1	1	6	8	6	6
Breast	C50	T	225	-	-	-	-	-	-	2	10	22	53	60	44	34
		F	222	-	-	-	-	-	-	2	10	22	52	58	44	34
		M	3	-	-	-	-	-	-	-	-	-	1	2	-	-
Cervix uteri	C53	T	14	-	-	-	-	-	-	-	1	4	2	5	1	1
		F	14	-	-	-	-	-	-	-	1	4	2	5	1	1
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corpus uteri and uterus, part unspecified	C54-C55	T	61	-	-	-	-	-	-	-	1	3	17	19	9	12
		F	61	-	-	-	-	-	-	-	1	3	17	19	9	12
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ovary	C56	T	68	-	-	-	-	-	-	1	1	-	20	18	19	9
		F	68	-	-	-	-	-	-	1	1	-	20	18	19	9
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prostate	C61	T	164	-	-	-	-	-	-	-	-	1	8	35	59	61
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	164	-	-	-	-	-	-	-	-	1	8	35	59	61
Kidney and renal pelvis	C64-C65	T	83	-	-	-	-	-	-	-	-	4	17	18	27	17
		F	36	-	-	-	-	-	-	-	-	2	6	6	11	11
		M	47	-	-	-	-	-	-	-	-	2	11	12	16	6
Bladder	C67	T	95	-	-	-	-	-	-	-	-	1	7	25	39	23
		F	19	-	-	-	-	-	-	-	-	-	1	9	5	4
		M	76	-	-	-	-	-	-	-	-	1	6	16	34	19
Meninges, brain and other parts of central nervous system	C70-C72	T	95	1	1	-	1	-	-	-	7	8	28	28	15	6
		F	27	1	1	-	1	-	-	-	2	1	9	8	4	-
		M	68	-	-	-	-	-	-	-	5	7	19	20	11	6

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IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group (continued)
2017

CAUSE OF DEATH	ICD-10 CODE	SEX	TOTAL	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
Lymphoid, hematopoietic and related tissue	C81-C96	T	335	-	1	-	-	1	2	4	6	7	31	85	112	86
		F	142	-	1	-	-	-	-	-	2	1	9	36	49	44
		M	193	-	-	-	-	1	2	4	4	6	22	49	63	42
Hodgkin's disease	C81	T	7	-	-	-	-	-	-	2	1	-	1	-	2	1
		F	5	-	-	-	-	-	-	-	1	-	1	-	2	1
		M	2	-	-	-	-	-	-	2	-	-	-	-	-	-
Non-Hodgkin's lymphoma	C82-C85	T	119	-	-	-	-	1	-	-	1	3	12	33	38	31
		F	53	-	-	-	-	-	-	-	-	-	3	15	20	15
		M	66	-	-	-	-	1	-	-	1	3	9	18	18	16
Leukemia	C91-C95	T	130	-	1	-	-	-	2	2	4	3	11	35	37	35
		F	55	-	1	-	-	-	-	-	1	-	2	15	16	20
		M	75	-	-	-	-	-	2	2	3	3	9	20	21	15
Multiple myeloma and immunoproliferative neoplasms	C88, C90	T	79	-	-	-	-	-	-	-	-	1	7	17	35	19
		F	29	-	-	-	-	-	-	-	-	1	3	6	11	8
		M	50	-	-	-	-	-	-	-	-	-	4	11	24	11
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other & unspecified malignant neoplasms	See footnote 1	T	401	-	-	1	1	2	1	2	7	21	71	108	97	90
		F	172	-	-	1	1	1	-	1	2	12	30	42	38	44
		M	229	-	-	-	-	1	1	1	5	9	41	66	59	46
# In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	T	82	-	-	-	-	-	-	1	2	2	8	14	29	26
		F	39	-	-	-	-	-	-	-	-	1	3	6	14	15
		M	43	-	-	-	-	-	-	1	2	1	5	8	15	11
# Anemias	D50-D64	T	25	-	1	-	-	-	-	-	-	-	1	4	5	14
		F	16	-	-	-	-	-	-	-	-	-	-	4	3	9
		M	9	-	1	-	-	-	-	-	-	-	1	-	2	5
# Diabetes mellitus	E10-E14	T	393	-	-	-	-	-	-	2	12	27	62	108	102	80
		F	170	-	-	-	-	-	-	2	2	9	24	44	47	42
		M	223	-	-	-	-	-	-	-	10	18	38	64	55	38
# Nutritional deficiencies	E40-E64	T	48	-	-	-	-	-	-	1	-	-	3	7	9	28
		F	32	-	-	-	-	-	-	-	-	-	2	5	4	21
		M	16	-	-	-	-	-	-	1	-	-	1	2	5	7
Malnutrition	E40-E46	T	47	-	-	-	-	-	-	1	-	-	3	7	9	27
		F	32	-	-	-	-	-	-	-	-	-	2	5	4	21
		M	15	-	-	-	-	-	-	1	-	-	1	2	5	6
Other nutritional deficiencies	E50-E64	T	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	-	-	1

Causes designated by the symbol # are ranked to determine the leading causes of death. Sex: T=total, F=female, and M=male.

1. All other and unspecified malignant neoplasms: C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97.

IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group (continued)
2017

CAUSE OF DEATH	ICD-10 CODE	SEX	TOTAL	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
# Meningitis	G00, G03	T	3	-	-	-	-	-	-	-	-	-	1	-	2	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		M	2	-	-	-	-	-	-	-	-	-	-	-	2	-
# Parkinson's disease	G20-G21	T	205	-	-	-	-	-	-	-	-	-	5	33	90	77
		F	70	-	-	-	-	-	-	-	-	-	1	9	28	32
		M	135	-	-	-	-	-	-	-	-	-	4	24	62	45
# Alzheimer's disease	G30	T	673	-	-	-	-	-	-	-	-	1	9	53	192	418
		F	479	-	-	-	-	-	-	-	-	1	6	34	129	309
		M	194	-	-	-	-	-	-	-	-	-	3	19	63	109
Major cardiovascular diseases	I00-I78	T	4,006	2	-	1	2	1	4	19	39	133	381	698	1,050	1,676
		F	1,857	1	-	1	1	-	2	6	15	48	116	240	464	963
		M	2,149	1	-	-	1	1	2	13	24	85	265	458	586	713
# Diseases of heart	I00-I09, I11, I13, I20-I51	T	3,085	1	-	1	1	1	4	17	35	110	315	544	782	1,274
		F	1,348	1	-	1	1	-	2	5	13	38	90	171	322	704
		M	1,737	-	-	-	-	1	2	12	22	72	225	373	460	570
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	T	31	-	-	-	-	-	-	-	-	1	4	3	12	11
		F	25	-	-	-	-	-	-	-	-	1	3	3	9	9
		M	6	-	-	-	-	-	-	-	-	-	1	-	3	2
Hypertensive heart disease	I11	T	170	-	-	-	-	-	-	1	2	9	16	21	38	83
		F	85	-	-	-	-	-	-	-	1	4	6	7	16	51
		M	85	-	-	-	-	-	-	1	1	5	10	14	22	32
Hypertensive heart and renal disease	I13	T	35	-	-	-	-	-	-	1	-	-	2	2	6	24
		F	17	-	-	-	-	-	-	-	-	-	1	-	3	13
		M	18	-	-	-	-	-	-	1	-	-	1	2	3	11
Ischemic heart diseases	I20-I25	T	1,628	-	-	-	-	-	1	6	14	71	209	357	427	543
		F	579	-	-	-	-	-	1	2	3	22	49	94	146	262
		M	1,049	-	-	-	-	-	-	4	11	49	160	263	281	281
Acute myocardial infarction	I21-I22	T	749	-	-	-	-	-	-	4	8	58	145	202	165	167
		F	246	-	-	-	-	-	-	1	2	17	37	54	57	78
		M	503	-	-	-	-	-	-	3	6	41	108	148	108	89
Other acute ischemic heart diseases	I24	T	14	-	-	-	-	-	-	-	-	1	5	1	4	3
		F	8	-	-	-	-	-	-	-	-	1	1	1	3	2
		M	6	-	-	-	-	-	-	-	-	-	4	-	1	1
Other forms of chronic ischemic heart disease	I20, I25	T	865	-	-	-	-	-	1	2	6	12	59	154	258	373
		F	325	-	-	-	-	-	1	1	1	4	11	39	86	182
		M	540	-	-	-	-	-	-	1	5	8	48	115	172	191
Atherosclerotic cardiovascular disease, so described	I25.0	T	89	-	-	-	-	-	-	1	3	3	20	18	20	24
		F	31	-	-	-	-	-	-	1	-	-	2	5	9	14
		M	58	-	-	-	-	-	-	-	3	3	18	13	11	10

Causes designated by the symbol # are ranked to determine the leading causes of death. Sex: T=total, F=female, and M=male.

IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group (continued)
2017

CAUSE OF DEATH	ICD-10 CODE	SEX	TOTAL	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
All other forms of chronic ischemic heart disease	I20, I25.1-I25.9	T	776	-	-	-	-	-	1	1	3	9	39	136	238	349
		F	294	-	-	-	-	-	1	-	1	4	9	34	77	168
		M	482	-	-	-	-	-	-	1	2	5	30	102	161	181
Other heart diseases	I26-I51	T	1,221	1	-	1	1	1	3	9	19	29	84	161	299	613
		F	642	1	-	1	1	-	1	3	9	11	31	67	148	369
		M	579	-	-	-	-	1	2	6	10	18	53	94	151	244
Acute and subacute endocarditis	I33	T	8	-	-	-	-	-	1	-	2	1	1	1	-	2
		F	1	-	-	-	-	-	-	-	-	1	-	-	-	-
		M	7	-	-	-	-	-	1	-	2	-	1	1	-	2
Diseases of pericardium and acute myocarditis	I30-I31, I40	T	7	-	-	-	-	-	-	-	3	-	1	-	2	1
		F	3	-	-	-	-	-	-	-	2	-	-	-	-	1
		M	4	-	-	-	-	-	-	-	1	-	1	-	2	-
Heart failure	I50	T	427	-	-	-	1	-	-	-	2	6	13	36	114	255
		F	240	-	-	-	1	-	-	-	1	1	5	13	65	154
		M	187	-	-	-	-	-	-	-	1	5	8	23	49	101
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	T	779	1	-	1	-	1	2	9	12	22	69	124	183	355
		F	398	1	-	1	-	-	1	3	6	9	26	54	83	214
		M	381	-	-	-	-	1	1	6	6	13	43	70	100	141
# Essential hypertension and hypertensive renal disease	I10, I12, I15	T	95	-	-	-	-	-	-	-	1	3	11	11	18	51
		F	54	-	-	-	-	-	-	-	-	2	5	3	8	36
		M	41	-	-	-	-	-	-	-	1	1	6	8	10	15
# Cerebrovascular diseases	I60-I69	T	722	1	-	-	1	-	-	-	2	18	48	120	213	319
		F	411	-	-	-	-	-	-	-	2	7	19	56	117	210
		M	311	1	-	-	1	-	-	-	-	11	29	64	96	109
# Atherosclerosis	I70	T	10	-	-	-	-	-	-	-	-	-	-	3	1	6
		F	4	-	-	-	-	-	-	-	-	-	-	1	1	2
		M	6	-	-	-	-	-	-	-	-	-	-	2	-	4
Other diseases of circulatory system	I71-I78	T	94	-	-	-	-	-	-	2	1	2	7	20	36	26
		F	40	-	-	-	-	-	-	1	-	1	2	9	16	11
		M	54	-	-	-	-	-	-	1	1	1	5	11	20	15
# Aortic aneurysm and dissection	I71	T	60	-	-	-	-	-	-	1	1	2	3	14	23	16
		F	19	-	-	-	-	-	-	-	-	1	-	6	8	4
		M	41	-	-	-	-	-	-	1	1	1	3	8	15	12
Other diseases of arteries, arterioles and capillaries	I72-I78	T	34	-	-	-	-	-	-	1	-	-	4	6	13	10
		F	21	-	-	-	-	-	-	1	-	-	2	3	8	7
		M	13	-	-	-	-	-	-	-	-	-	2	3	5	3
Other disorders of circulatory system	I80-I99	T	26	-	-	-	-	-	-	1	3	3	2	6	7	4
		F	15	-	-	-	-	-	-	-	3	2	1	1	5	3
		M	11	-	-	-	-	-	-	1	-	1	1	5	2	1

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IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group (continued)
2017

CAUSE OF DEATH	ICD-10 CODE	SEX	TOTAL	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
# Influenza and pneumonia	J09-J18	T	257	-	-	-	-	1	-	-	4	13	18	37	68	116
		F	140	-	-	-	-	1	-	-	3	8	5	15	37	71
		M	117	-	-	-	-	-	-	-	1	5	13	22	31	45
Influenza	J09-J11	T	66	-	-	-	-	1	-	-	1	-	5	11	19	29
		F	36	-	-	-	-	1	-	-	1	-	3	3	10	18
		M	30	-	-	-	-	-	-	-	-	-	2	8	9	11
Pneumonia	J12-J18	T	191	-	-	-	-	-	-	-	3	13	13	26	49	87
		F	104	-	-	-	-	-	-	-	2	8	2	12	27	53
		M	87	-	-	-	-	-	-	-	1	5	11	14	22	34
Other acute lower respiratory infections	J20-J22, U04	T	2	-	-	-	-	-	-	-	-	-	-	1	-	1
		F	2	-	-	-	-	-	-	-	-	-	-	1	-	1
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Acute bronchitis and bronchiolitis	J20-J21	T	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unspecified acute lower respiratory infections	J22, U04	T	1	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	1	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Chronic lower respiratory diseases	J40-J47	T	925	-	-	-	1	-	-	2	4	15	101	270	317	215
		F	477	-	-	-	-	-	-	-	3	5	56	123	170	120
		M	448	-	-	-	1	-	-	2	1	10	45	147	147	95
Bronchitis, chronic and unspecified	J40-J42	T	3	-	-	-	-	-	-	-	-	-	1	1	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	-	-	-	-	-	-	1	1	-	1
Emphysema	J43	T	38	-	-	-	-	-	-	-	1	-	3	15	12	7
		F	14	-	-	-	-	-	-	-	-	-	1	6	4	3
		M	24	-	-	-	-	-	-	-	1	-	2	9	8	4
Asthma	J45-J46	T	27	-	-	-	1	-	-	2	1	2	5	8	5	3
		F	14	-	-	-	-	-	-	-	1	2	2	3	4	2
		M	13	-	-	-	1	-	-	2	-	-	3	5	1	1
Other chronic lower respiratory diseases	J44, J47	T	857	-	-	-	-	-	-	-	2	13	92	246	300	204
		F	449	-	-	-	-	-	-	-	2	3	53	114	162	115
		M	408	-	-	-	-	-	-	-	-	10	39	132	138	89
# Pneumoconiosis and chemical effects	J60-J66, J68	T	2	-	-	-	-	-	-	-	-	-	-	-	1	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	-	-	-	-	-	-	1	1
# Pneumonitis due to solids and liquids	J69	T	102	-	-	-	-	-	-	-	-	2	7	14	23	56
		F	48	-	-	-	-	-	-	-	-	1	5	9	7	26
		M	54	-	-	-	-	-	-	-	-	1	2	5	16	30

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IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group (continued)
2017

CAUSE OF DEATH	ICD-10 CODE	SEX	TOTAL	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
Other diseases of respiratory system	J00-J06, J30-J39, J67, J70-J98	T	224	4	-	-	1	-	1	-	2	6	25	33	81	71
		F	86	2	-	-	-	-	1	-	1	1	7	7	27	40
		M	138	2	-	-	1	-	-	-	1	5	18	26	54	31
# Peptic ulcer	K25-K28	T	30	-	-	-	-	-	-	-	1	2	2	6	10	9
		F	17	-	-	-	-	-	-	-	1	2	1	6	4	3
		M	13	-	-	-	-	-	-	-	-	-	1	-	6	6
# Diseases of appendix	K35-K38	T	3	-	-	-	-	-	-	-	-	-	1	1	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-
		M	2	-	-	-	-	-	-	-	-	-	1	1	-	-
# Hernia	K40-K46	T	14	-	-	-	-	-	-	-	-	1	-	2	3	8
		F	9	-	-	-	-	-	-	-	-	1	-	1	1	6
		M	5	-	-	-	-	-	-	-	-	-	-	1	2	2
# Chronic liver disease and cirrhosis	K70, K73-K74	T	197	-	-	-	-	-	-	1	19	35	65	46	23	8
		F	67	-	-	-	-	-	-	1	12	13	16	16	4	5
		M	130	-	-	-	-	-	-	-	7	22	49	30	19	3
Alcoholic liver disease	K70	T	143	-	-	-	-	-	-	1	17	31	56	25	11	2
		F	45	-	-	-	-	-	-	1	10	11	13	9	1	-
		M	98	-	-	-	-	-	-	-	7	20	43	16	10	2
Other chronic liver disease and cirrhosis	K73-K74	T	54	-	-	-	-	-	-	-	2	4	9	21	12	6
		F	22	-	-	-	-	-	-	-	2	2	3	7	3	5
		M	32	-	-	-	-	-	-	-	-	2	6	14	9	1
# Cholelithiasis and other disorders of gallbladder	K80-K82	T	20	-	-	-	-	-	-	1	1	-	-	3	4	11
		F	12	-	-	-	-	-	-	1	1	-	-	1	1	8
		M	8	-	-	-	-	-	-	-	-	-	-	2	3	3
# Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27	T	172	-	-	-	-	-	-	1	2	5	15	32	50	67
		F	72	-	-	-	-	-	-	-	-	1	4	15	23	29
		M	100	-	-	-	-	-	-	1	2	4	11	17	27	38
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01, N04	T	3	-	-	-	-	-	-	-	-	-	1	-	2	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-
		M	2	-	-	-	-	-	-	-	-	-	1	-	1	-
Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic, and renal sclerosis unspecified	N02-N03, N05-N07, N26	T	3	-	-	-	-	-	-	-	-	-	-	1	2	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	-	-	-	-	-	-	-	1	2	-
Renal failure	N17-N19	T	166	-	-	-	-	-	-	1	2	5	14	31	46	67
		F	71	-	-	-	-	-	-	-	-	1	4	15	22	29
		M	95	-	-	-	-	-	-	1	2	4	10	16	24	38
Other disorders of kidney	N25, N27	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group (continued)
2017

CAUSE OF DEATH	ICD-10 CODE	SEX	TOTAL	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
# Infections of kidney	N10-N12, N13.6, N15.1	T	6	-	-	-	-	-	-	-	-	1	-	1	3	1
		F	3	-	-	-	-	-	-	-	-	1	-	1	1	-
		M	3	-	-	-	-	-	-	-	-	-	-	-	2	1
# Hyperplasia of prostate	N40	T	3	-	-	-	-	-	-	-	-	-	-	-	-	3
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	-	-	-	-	-	-	-	-	-	3
# Inflammatory diseases of female pelvic organs	N70-N76	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Pregnancy, childbirth and the puerperium	O00-O99	T	9	-	-	-	-	-	1	3	2	3	-	-	-	-
		F	9	-	-	-	-	-	1	3	2	3	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pregnancy with abortive outcome	O00-O07	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other complications of pregnancy, childbirth and the puerperium	O10-O95, O98-O99	T	6	-	-	-	-	-	1	2	1	2	-	-	-	-
		F	6	-	-	-	-	-	1	2	1	2	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maternal causes more than 42 days after delivery or termination of pregnancy	O96-O97	T	3	-	-	-	-	-	-	1	1	1	-	-	-	-
		F	3	-	-	-	-	-	-	1	1	1	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Certain conditions originating in the perinatal period	P00-P96	T	42	42	-	-	-	-	-	-	-	-	-	-	-	-
		F	18	18	-	-	-	-	-	-	-	-	-	-	-	-
		M	24	24	-	-	-	-	-	-	-	-	-	-	-	-
# Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	T	65	28	6	1	2	-	-	5	1	4	12	1	2	3
		F	27	14	5	-	1	-	-	1	-	1	3	-	-	2
		M	38	14	1	1	1	-	-	4	1	3	9	1	2	1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	T	152	11	-	-	-	-	-	5	2	3	8	11	22	90
		F	92	6	-	-	-	-	-	4	1	1	3	2	13	62
		M	60	5	-	-	-	-	-	1	1	2	5	9	9	28
Sudden infant death syndrome	R95	T	10	10	-	-	-	-	-	-	-	-	-	-	-	-
		F	6	6	-	-	-	-	-	-	-	-	-	-	-	-
		M	4	4	-	-	-	-	-	-	-	-	-	-	-	-
Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R53, R55-R94, R96-R99	T	142	1	-	-	-	-	-	5	2	3	8	11	22	90
		F	86	-	-	-	-	-	-	4	1	1	3	2	13	62
		M	56	1	-	-	-	-	-	1	1	2	5	9	9	28
All other diseases (residual)	All other A00-N99	T	1,698	3	2	2	2	5	8	19	35	74	171	254	447	676
		F	946	3	-	-	-	2	3	7	15	42	78	111	236	449
		M	752	-	2	2	2	3	5	12	20	32	93	143	211	227

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IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group (continued)
2017

CAUSE OF DEATH	ICD-10 CODE	SEX	TOTAL	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
# Accidents (unintentional injuries)	V01-X59, Y85-Y86	T	878	4	11	6	15	30	40	105	92	112	114	100	92	157
		F	334	2	5	2	5	12	9	31	27	41	38	38	34	90
		M	544	2	6	4	10	18	31	74	65	71	76	62	58	67
Transport accidents	V01-V99, Y85	T	285	1	4	2	8	24	28	41	34	39	43	37	13	11
		F	93	-	3	1	4	10	7	13	9	12	9	16	6	3
		M	192	1	1	1	4	14	21	28	25	27	34	21	7	8
Motor vehicle accidents	See footnote 1	T	269	1	3	2	8	24	28	40	32	34	39	36	11	11
		F	90	-	2	1	4	10	7	13	8	12	9	16	5	3
		M	179	1	1	1	4	14	21	27	24	22	30	20	6	8
Other land transport accidents	See footnote 2	T	2	-	1	-	-	-	-	1	-	-	-	-	-	-
		F	1	-	1	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Water, air and space, other and unspecified transport accidents and their sequelae	V90-V99, Y85	T	14	-	-	-	-	-	-	-	2	5	4	1	2	-
		F	2	-	-	-	-	-	-	-	1	-	-	-	1	-
		M	12	-	-	-	-	-	-	-	1	5	4	1	1	-
Nontransport accidents	W00-X59, Y86	T	593	3	7	4	7	6	12	64	58	73	71	63	79	146
		F	241	2	2	1	1	2	2	18	18	29	29	22	28	87
		M	352	1	5	3	6	4	10	46	40	44	42	41	51	59
Falls	W00-W19	T	242	-	-	-	-	-	2	1	3	3	20	33	53	127
		F	119	-	-	-	-	-	-	1	2	2	6	11	22	75
		M	123	-	-	-	-	-	2	-	1	1	14	22	31	52
Accidental discharge of firearms	W32-W34	T	4	-	-	1	-	-	-	-	-	-	1	-	2	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	4	-	-	1	-	-	-	-	-	-	1	-	2	-
Accidental drowning and submersion	W65-W74	T	29	-	4	1	2	3	1	4	3	4	3	1	3	-
		F	4	-	1	-	-	-	-	-	2	1	-	-	-	-
		M	25	-	3	1	2	3	1	4	1	3	3	1	3	-
Accidental exposure to smoke, fire and flames	X00-X09	T	7	-	1	-	-	-	-	-	-	-	-	3	3	-
		F	3	-	1	-	-	-	-	-	-	-	-	1	1	-
		M	4	-	-	-	-	-	-	-	-	-	-	2	2	-
Accidental poisoning and exposure to noxious substances	X40-X49	T	200	-	-	-	2	2	9	50	40	51	31	11	2	2
		F	81	-	-	-	-	2	2	15	12	23	15	8	2	2
		M	119	-	-	-	2	-	7	35	28	28	16	3	-	-
Other and unspecified nontransport accidents and their sequelae	See footnote 3	T	111	3	2	2	3	1	-	9	12	15	16	15	16	17
		F	34	2	-	1	1	-	-	2	2	3	8	2	3	10
		M	77	1	2	1	2	1	-	7	10	12	8	13	13	7

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1. Motor vehicle accident ICD-10 codes: V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2.
2. Other land transport accidents ICD-10 codes: V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.
3. Other and unspecified nontransport accidents and their sequelae ICD-10 codes: W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86.

IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group (continued)
2017

CAUSE OF DEATH	ICD-10 CODE	SEX	TOTAL	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
# Intentional self-harm (suicide)	U03, X60-X84, Y87.0	T	393	-	-	-	3	28	28	70	68	66	67	31	24	8
		F	72	-	-	-	1	1	4	14	13	19	10	8	2	-
		M	321	-	-	-	2	27	24	56	55	47	57	23	22	8
Discharge of firearms	X72-X74	T	244	-	-	-	2	18	18	38	38	34	44	23	21	8
		F	26	-	-	-	-	-	-	4	6	7	3	5	1	-
		M	218	-	-	-	2	18	18	34	32	27	41	18	20	8
Other and unspecified means and their sequelae	U03, X60-X71, X75-X84, Y87.0	T	149	-	-	-	1	10	10	32	30	32	23	8	3	-
		F	46	-	-	-	1	1	4	10	7	12	7	3	1	-
		M	103	-	-	-	-	9	6	22	23	20	16	5	2	-
# Assault (homicide)	U01-U02, X85- Y09, Y87.1	T	51	2	2	2	1	1	5	13	9	4	3	4	5	-
		F	24	2	1	1	1	-	2	3	4	2	1	3	4	-
		M	27	-	1	1	-	1	3	10	5	2	2	1	1	-
Discharge of firearms	U01.4, X93- X95	T	27	-	-	2	1	1	3	8	6	2	1	1	2	-
		F	11	-	-	1	1	-	2	1	3	1	-	-	2	-
		M	16	-	-	1	-	1	1	7	3	1	1	1	-	-
Other and unspecified means and their sequelae	See footnote 1	T	24	2	2	-	-	-	2	5	3	2	2	3	3	-
		F	13	2	1	-	-	-	-	2	1	1	1	3	2	-
		M	11	-	1	-	-	-	2	3	2	1	1	-	1	-
# Legal intervention	Y35, Y89.0	T	3	-	-	-	-	-	-	1	1	-	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	-	-	-	1	1	-	1	-	-	-
Events of undetermined intent	Y10-Y34, Y87.2, Y89.9	T	29	1	1	-	-	-	-	8	6	6	5	1	-	1
		F	10	1	-	-	-	-	-	1	-	3	4	1	-	-
		M	19	-	1	-	-	-	-	7	6	3	1	-	-	1
Discharge of firearms	Y22-Y24	T	3	-	-	-	-	-	-	1	2	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	-	-	-	1	2	-	-	-	-	-
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25- Y34, Y87.2, Y89.9	T	26	1	1	-	-	-	-	7	4	6	5	1	-	1
		F	10	1	-	-	-	-	-	1	-	3	4	1	-	-
		M	16	-	1	-	-	-	-	6	4	3	1	-	-	1
Poisoning and exposure to noxious substances	Y10-Y19	T	18	-	1	-	-	-	-	5	2	5	4	1	-	-
		F	8	-	-	-	-	-	-	1	-	3	3	1	-	-
		M	10	-	1	-	-	-	-	4	2	2	1	-	-	-
# Operations of war and their sequelae ²	Y36, Y89.1	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Complications of medical and surgical care	Y40-Y84, Y88	T	24	-	-	1	-	-	1	1	1	2	3	8	3	4
		F	12	-	-	1	-	-	-	1	1	1	2	2	2	2
		M	12	-	-	-	-	-	1	-	-	1	1	6	1	2

Causes designated by the symbol # are ranked to determine the leading causes of death. Sex: T=total, F=female, and M=male.

1. Assault (homicide) by other and unspecified means and their sequelae ICD-10 codes: U01.1-U01.3, U01.5-U01.9, U02, X85-X92, X96-Y09, Y87.1.

2. Operations of war and their sequelae includes deaths due to late effects of injury of war; this category does not include IDAHO RESIDENT MORTALITY occurring overseas during military activities

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Cause of Accident, Age Group, and Sex
2017

CAUSE OF DEATH	ICD-10 CODE	SEX	TOTAL	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
Total Accidents (unintentional injuries)	V01-X59, Y85-Y86	T	878	4	11	6	15	30	40	105	92	112	114	100	92	157
		F	334	2	5	2	5	12	9	31	27	41	38	38	34	90
		M	544	2	6	4	10	18	31	74	65	71	76	62	58	67
Total Transport accidents	V01-V99, Y85	T	285	1	4	2	8	24	28	41	34	39	43	37	13	11
		F	93	-	3	1	4	10	7	13	9	12	9	16	6	3
		M	192	1	1	1	4	14	21	28	25	27	34	21	7	8
Total motor vehicle accidents	See footnote 1	T	269	1	3	2	8	24	28	40	32	34	39	36	11	11
		F	90	-	2	1	4	10	7	13	8	12	9	16	5	3
		M	179	1	1	1	4	14	21	27	24	22	30	20	6	8
Pedestrian involved in collision with motor vehicle	V02-V04	T	12	-	1	-	-	-	1	1	2	1	4	1	1	-
		F	6	-	1	-	-	-	1	1	-	-	2	1	-	-
		M	6	-	-	-	-	-	-	-	2	1	2	-	1	-
Pedal cyclist involved in collision with motor vehicle	V12-V14, V19.0-V19.2, V19.4-V19.6	T	3	-	-	-	-	-	-	-	1	2	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	-	-	-	-	1	2	-	-	-	-
Motorcyclist involved in any accident except collision with railway train	V20-V24, V26-V29	T	30	-	-	-	-	-	3	4	3	8	8	4	-	-
		F	4	-	-	-	-	-	-	2	-	1	1	-	-	-
		M	26	-	-	-	-	-	3	2	3	7	7	4	-	-
Motorcyclist involved in collision with railway train	V25	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Occupant of three-wheeled motor vehicle, except collision with railway train	V30-V34, V36-V39	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Occupant of three-wheeled motor vehicle involved in collision with railway train	V35	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Occupant of motor vehicle involved in collision with railway train	See footnote 2	T	3	-	-	-	-	1	-	-	-	1	1	-	-	-
		F	1	-	-	-	-	1	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	-	-	-	1	1	-	-	-
Occupant of motor vehicle involved in collision with other object	See footnote 3	T	19	-	-	1	-	2	3	4	1	3	2	1	-	2
		F	5	-	-	-	-	-	1	-	1	2	-	-	-	1
		M	14	-	-	1	-	2	2	4	-	1	2	1	-	1
Occupant of motor vehicle involved in collision with other motor vehicle	V42-V44, V49, V52-V54, V59	T	76	-	2	1	4	12	10	10	7	6	6	11	2	5
		F	33	-	1	1	2	6	3	2	4	3	1	7	2	1
		M	43	-	1	-	2	6	7	8	3	3	5	4	-	4
Occupant of heavy transport vehicle or bus involved in collision with other motor vehicle	V62-V64, V69, V72-V74, V79	T	3	-	-	-	-	1	-	-	1	-	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	-	1	-	-	1	-	1	-	-	-
Occupant of motor vehicle involved in noncollision accident	V48, V58, V68, V78	T	68	1	-	-	-	6	6	17	8	7	7	10	4	2
		F	21	-	-	-	-	2	1	7	1	2	1	5	1	1
		M	47	1	-	-	-	4	5	10	7	5	6	5	3	1

1. Motor vehicle accidents: V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2.

2. Motor vehicle accident involving collision with railway train: V45, V55, V65, V75, V81.0-V81.1, V87.6, V88.6.

3. Occupant of motor vehicle involved in collision with other object (non-motorized road vehicle, streetcar, animal, pedestrian, fixed object, or other object): V40-V41, V46-V47, V50-V51, V56-V57, V60-V61, V66-V67, V70-V71, V76-V77. Sex: T=total, F=female, and M=male.

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Cause of Accident, Age Group, and Sex (continued)
2017

CAUSE OF DEATH	ICD-10 CODE	SEX	TOTAL	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
Occupant of special vehicle mainly used on industrial premises	V83	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Occupant of special vehicle mainly used in agriculture	V84	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Occupant of special construction vehicle	V85	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Occupant or rider of special all-terrain or motor vehicle designed for off-road use ¹	V86	T	12	-	-	-	-	1	1	-	2	-	3	3	1	1
		F	2	-	-	-	-	1	-	-	-	-	-	1	-	-
		M	10	-	-	-	-	-	1	-	2	-	3	2	1	1
ATV or 4-wheeled vehicle	V86 (Subset)	T	12	-	-	-	-	1	1	-	2	-	3	3	1	1
		F	2	-	-	-	-	1	-	-	-	-	-	1	-	-
		M	10	-	-	-	-	-	1	-	2	-	3	2	1	1
Snowmobile or snow machine (not including avalanche)	V86 (Subset)	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unspecified all-terrain vehicle	V86 (Subset)	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unspecified motor vehicle accident	See footnote 2	T	43	-	-	-	4	1	4	4	7	6	7	6	3	1
		F	18	-	-	-	2	-	1	1	2	4	4	2	2	-
		M	25	-	-	-	2	1	3	3	5	2	3	4	1	1
Pedestrian injury with other or unspecified motor vehicle accident	V09.0, V09.2	T	5	-	-	-	1	-	-	1	2	1	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	1	-	-	-	-
		M	4	-	-	-	1	-	-	1	2	-	-	-	-	-
Animal rider or occupant of animal-drawn vehicle in collision with motor vehicle or other or unspecified motor vehicle	V80.3-V80.5	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other and unspecified motor vehicle accident	Residual See footnote 2	T	38	-	-	-	3	1	4	3	5	5	7	6	3	1
		F	17	-	-	-	2	-	1	1	2	3	4	2	2	-
		M	21	-	-	-	1	1	3	2	3	2	3	4	1	1
Total Other land transport accidents	See footnote 3	T	2	-	1	-	-	-	-	1	-	-	-	-	-	-
		F	1	-	1	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Railway accidents (not with motor vehicle)	V05, V15, V80.6, V81.2- V81.9	T	1	-	-	-	-	-	-	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Pedestrian with train	V05	T	1	-	-	-	-	-	-	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	1	-	-	-	-	-	-

1. Death records with ICD-10 code V86 are reviewed for literal cause of injury and death and are sub-categorized as ATV or 4-wheeled vehicle, snowmobile or snow machine, or unspecified.

2. Other and unspecified motor vehicle accidents: V09.0, V09.2, V80.3-V80.5, V82.0-V82.1, V87.0-V87.5, V87.7-V87.8, V88.0-V88.5, V88.7-V88.8, V89.0, V89.2.

3. Other and unspecified land transport accidents: V01, V05, V06, V09.1, V09.3, V09.9, V10-V11, V15, V16-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6, V80.7-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9. Sex: T=total, F=female, and M=male.

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Cause of Accident, Age Group, and Sex (continued)
2017

CAUSE OF DEATH	ICD-10 CODE	SEX	TOTAL	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
Pedal cyclist with train	V15	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other railway accident (not with motor vehicle, pedestrian, or pedal cyclist)	V80.6, V81.2-V81.9	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streetcar accident (not with motor vehicle)	V82.2-V82.9	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pedestrian (not with motor vehicle or train)	V01, V06, V09.1, V09.3, V09.9	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pedal cyclist (not with motor vehicle or train)	V10-V11, V16-V18, V19.3, V19.8-V19.9	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rider of animal or occupant of animal-drawn vehicle (not with motor vehicle or train)	V80-V80.2, V80.7-V80.9	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Person injured in other specified transport accidents	V87.9, V88.3	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Person injured in unspecified nonmotor-vehicle accident	V89.1, V89.3	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Person injured in unspecified vehicle accident	V89.9	T	1	-	1	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	1	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99, Y85	T	14	-	-	-	-	-	-	-	2	5	4	1	2	-
		F	2	-	-	-	-	-	-	-	1	-	-	-	1	-
		M	12	-	-	-	-	-	-	-	1	5	4	1	1	-
Water transport accidents	V90-V94	T	8	-	-	-	-	-	-	-	1	4	2	-	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	8	-	-	-	-	-	-	-	1	4	2	-	1	-
Air and space transport accidents	V95-V97	T	3	-	-	-	-	-	-	-	-	1	1	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	-	-	-	-	-	1	1	1	-	-
Other and unspecified transport accidents and their sequelae	V98-V99, Y85	T	3	-	-	-	-	-	-	-	1	-	1	-	1	-
		F	2	-	-	-	-	-	-	-	1	-	-	-	1	-
		M	1	-	-	-	-	-	-	-	-	-	1	-	-	-
Total Non-Transport accidents	W00-X59, Y86	T	593	3	7	4	7	6	12	64	58	73	71	63	79	146
		F	241	2	2	1	1	2	2	18	18	29	29	22	28	87
		M	352	1	5	3	6	4	10	46	40	44	42	41	51	59
Accidental falls	W00-W19	T	242	-	-	-	-	-	2	1	3	3	20	33	53	127
		F	119	-	-	-	-	-	-	1	2	2	6	11	22	75
		M	123	-	-	-	-	-	2	-	1	1	14	22	31	52

Sex: T=total, F=female, and M=male.

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Cause of Accident, Age Group, and Sex (continued)
2017

CAUSE OF DEATH	ICD-10 CODE	SEX	TOTAL	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
Accidental discharge of firearms	W32-W34	T	4	-	-	1	-	-	-	-	-	-	1	-	2	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	4	-	-	1	-	-	-	-	-	-	1	-	2	-
Accidental explosion	W39-W40	T	4	-	-	1	1	-	-	1	-	1	-	-	-	-
		F	2	-	-	1	-	-	-	1	-	-	-	-	-	-
		M	2	-	-	-	1	-	-	-	-	1	-	-	-	-
Accidental drowning and submersion	W65-W74	T	29	-	4	1	2	3	1	4	3	4	3	1	3	-
		F	4	-	1	-	-	-	-	-	2	1	-	-	-	-
		M	25	-	3	1	2	3	1	4	1	3	3	1	3	-
Accidental inhalation and ingestion of food or other object	W78-W80	T	35	-	1	-	-	-	-	-	1	2	5	2	10	14
		F	15	-	-	-	-	-	-	-	-	2	5	-	-	8
		M	20	-	1	-	-	-	-	-	1	-	-	2	10	6
Other accidental and unspecified threats to breathing	W75-W77, W81-W84	T	11	3	-	1	-	1	-	4	1	-	1	-	-	-
		F	5	2	-	-	-	-	-	1	1	-	1	-	-	-
		M	6	1	-	1	-	1	-	3	-	-	-	-	-	-
Accidental exposure to electric current	W85-W87	T	2	-	-	-	-	-	-	-	-	1	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	-	-	-	1	-	1	-	-
Accidental exposure to radiation	W88-W91	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidental exposure to smoke, fire, flames	X00-X09	T	7	-	1	-	-	-	-	-	-	-	-	3	3	-
		F	3	-	1	-	-	-	-	-	-	-	-	1	1	-
		M	4	-	-	-	-	-	-	-	-	-	-	2	2	-
Accidental contact with heat and hot substances	X10-X19	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lightning	X33	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Earthquake	X34	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volcanic eruption	X35	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Avalanche, landslide, other earth movements	X36	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cataclysmic storm and flood	X37-X38	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidental poisoning and exposure to noxious substances	X40-X49	T	200	-	-	-	2	2	9	50	40	51	31	11	2	2
		F	81	-	-	-	-	2	2	15	12	23	15	8	2	2
		M	119	-	-	-	2	-	7	35	28	28	16	3	-	-

Sex: T=total, F=female, and M=male.

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Cause of Accident, Age Group, and Sex (continued)
2017

CAUSE OF DEATH	ICD-10 CODE	SEX	TOTAL	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
Accidental poisoning by drugs and other biological substances	X40-X44	T	184	-	-	-	1	2	8	46	39	48	25	11	2	2
		F	77	-	-	-	-	2	2	14	12	23	12	8	2	2
		M	107	-	-	-	1	-	6	32	27	25	13	3	-	-
Accidental poisoning by other and unspecified solid or liquid substances	X45-X46, X48-X49	T	10	-	-	-	-	-	1	3	1	2	3	-	-	-
		F	3	-	-	-	-	-	-	1	-	-	2	-	-	-
		M	7	-	-	-	-	-	1	2	1	2	1	-	-	-
Accidental poisoning by and exposure to other gases and vapors	X47	T	6	-	-	-	1	-	-	1	-	1	3	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		M	5	-	-	-	1	-	-	1	-	1	2	-	-	-
All other and unspecified accidents and their sequelae ¹	See footnote 1	T	59	-	1	-	2	-	-	4	10	11	10	12	6	3
		F	12	-	-	-	1	-	-	-	1	1	2	2	3	2
		M	47	-	1	-	1	-	-	4	9	10	8	10	3	1
Struck by thrown, projected, or falling object	W20	T	9	-	-	-	-	-	-	-	-	2	-	6	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	9	-	-	-	-	-	-	-	-	2	-	6	1	-
Striking against or struck by other objects	W22	T	2	-	-	-	-	-	-	-	-	1	-	1	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	1	-	-
		M	1	-	-	-	-	-	-	-	-	1	-	-	-	-
Caught, crushed, jammed, or pinched in or between objects	W23	T	1	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contact with agricultural machinery	W30	T	6	-	-	-	-	-	-	2	2	-	-	1	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	6	-	-	-	-	-	-	2	2	-	-	1	1	-
Contact with other and unspecified machinery	W31	T	4	-	-	-	-	-	-	-	-	3	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	4	-	-	-	-	-	-	-	-	3	-	1	-	-
Exposure to other and unspecified inanimate mechanical forces	W49	T	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bitten or struck by animal other than rat or dog	W55	T	2	-	-	-	-	-	-	-	-	-	1	-	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	-	-	-	-	1	-	1	-
Exposure to excessive cold of man-made origin	W93	T	2	-	-	-	-	-	-	-	2	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	-	-	2	-	-	-	-	-
Contact with hornets, wasps, and bees	X23	T	3	-	-	-	-	-	-	1	1	1	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	1	-	-	-	-
		M	2	-	-	-	-	-	-	1	1	-	-	-	-	-
Exposure to excessive natural heat	X30	T	3	-	1	-	-	-	-	-	1	-	-	1	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	1	-	-
		M	2	-	1	-	-	-	-	-	1	-	-	-	-	-

1. All other and unspecified accidents and their sequelae: W20-W31, W35-W38, W41-W64, W92-W99, X20-X32, X39, X50-X59, Y86. Other accidents and their sequelae with at least one death are shown by cause of death. Causes with no deaths during the year are not shown; therefore, causes of death reported in this table will vary each year. Sex: T=total, F=female, and M=male.

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Cause of Accident, Age Group, and Sex (continued)
2017

CAUSE OF DEATH	ICD-10 CODE	SEX	TOTAL	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
Exposure to excessive natural cold	X31	T	16	-	-	-	-	-	-	-	3	4	6	1	1	1
		F	3	-	-	-	-	-	-	-	-	-	2	-	1	-
		M	13	-	-	-	-	-	-	-	3	4	4	1	-	1
Exposure to other specified factors	X58	T	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	1	-	-	-
Exposure to unspecified factor	X59	T	1	-	-	-	-	-	-	-	1	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	1	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sequelae of other accidents	Y86	T	8	-	-	-	2	-	-	1	-	-	2	1	1	1
		F	3	-	-	-	1	-	-	-	-	-	-	-	1	1
		M	5	-	-	-	1	-	-	1	-	-	2	1	-	-

Sex: T=total, F=female, and M=male.

IDAHO RESIDENT MORTALITY

Ten Leading Causes of Injury Mortality¹ by Age Group and Number of Deaths

Five-Year Aggregate, 2013-2017

RANK	AGE GROUP											ALL AGES
	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
1	Accident Suffocation 19	Accident Motor Vehicle 26	Accident Motor Vehicle 53	Accident Motor Vehicle 223	Accident Poisoning 186	Accident Poisoning 198	Accident Poisoning 226	Suicide Firearm 174	Accident Motor Vehicle 135	Accident Fall 262	Accident Fall 561	Accident Motor Vehicle 1,248
2	Assault Non-firearm 8	Accident Drowning 15	Suicide Firearm 17	Suicide Firearm 146	Accident Motor Vehicle 182	Accident Motor Vehicle 160	Suicide Firearm 179	Accident Motor Vehicle 173	Accident Fall 126	Accident Motor Vehicle 81	Accident Suffocation 69	Accident Fall 1,087
3	Accident Motor Vehicle 3	Assault Non-firearm 7	Accident Drowning 11	Accident Poisoning 75	Suicide Firearm 153	Suicide Firearm 150	Accident Motor Vehicle 170	Accident Poisoning 134	Suicide Firearm 124	Suicide Firearm 74	Accident Motor Vehicle 42	Suicide Firearm 1,056
4		Accident Suffocation 6	Suicide Suffocation 8	Suicide Suffocation 73	Suicide Suffocation 63	Suicide Poisoning 77	Suicide Suffocation 77	Accident Fall 82	Accident Poisoning 35	Accident Suffocation 32	Suicide Firearm 39	Accident Poisoning 872
5		Accident Fire 4	(Tie) Accident Firearm; 5	Accident Drowning 22	Suicide Poisoning 37	Suicide Suffocation 60	Suicide Poisoning 58	Suicide Poisoning 56	Accident Suffocation 26	Surgical Complications 20	Surgical Complications 13	Suicide Suffocation 326
6			Assault Firearm 5	Assault Firearm 16	Assault Firearm 27	Undetermined Intent Poisoning 27	Undetermined Intent Poisoning 33	Suicide Suffocation 31	Suicide Poisoning 25	(Tie) Accident Environmental Exposure; Accident Fire 12	Accident Environmental Exposure 10	Suicide Poisoning 273
7			(Tie) Accident Poisoning; Accidental Suffocation; Assault Non-firearm 4	Suicide Poisoning 15	Undetermined Intent Poisoning 21	Assault Firearm 23	Accident Fall 26	Accident Suffocation 29	Surgical Complications 19	(Tie) Accident Poisoning; Late Effects 5	(Tie) Accident Poisoning; Late Effects 5	Accident Suffocation 235
8				Assault Non-firearm 13	Accident Drowning 17	Accident Suffocation 19	(Tie) Accident Suffocation; Late Effects 18	Accident Environmental Exposure; Late Effects 21	Accident Fire 14	Accident Drowning 10		Accident Drowning 117
9	Accident Assault/Legal Intervention			Accident Water Transport 7	Assault Non-firearm 11	Accident Fall 18			(Tie) Accident Environmental Exposure; Late Effects 12	Accident Poisoning 8		Undetermined Intent Poisoning 116
10	Suicide			Tie* 6	Legal Intervention Firearm 10	Assault Non-firearm 13	Tie** 10	Undetermined Intent Poisoning 19		Assault Non-firearm 6		Assault Firearm 97
Residual ²	5	12	13	41	75	97	91	109	69	39	23	760
Total	35	70	124	649	782	842	916	849	597	556	767	6,187

Note table is not comparable to previous annual reports as the categories have changed. Causes of death are not rankable causes of death. Suffocation includes hanging. Poisoning includes exposure to drugs, alcohol, vapors, noxious substances, or unspecified chemicals. Late Effects refers to deaths one year or more after the originating injury. Accident Environmental Exposure includes exposure to cold, heat, or natural disasters.

* Tie at rank 10 for ages 15-24: Accident fall, Accident suffocation; and Undetermined poisoning. **Tie at rank 10 for ages 45-54: Accident environmental exposure; and Assault firearm.

¹Data are shown for causes with 3 or more deaths for given age group. ²All other injury deaths.

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Type of Accident
2017

RESIDENCE	TOTAL	Discharge of firearms	Drowning and submersion	Falls	Motor vehicle	Poisoning and exposure to noxious substances ¹		Suffocation ³	All other accidents
						Total	Drugs ²		
IDAHO	878	4	29	242	269	200	184	46	88
District 1	132	1	6	43	38	27	25	1	16
District 2	86	2	2	17	31	20	18	5	9
District 3	124	-	4	32	43	22	18	9	14
District 4	218	1	9	54	57	67	64	10	20
District 5	127	-	4	43	39	19	19	8	14
District 6	102	-	3	30	35	19	17	8	7
District 7	89	-	1	23	26	26	23	5	8
Ada	203	1	8	54	48	64	61	10	18
Adams	9	-	1	3	5	-	-	-	-
Bannock	54	-	1	15	17	13	13	5	3
Bear Lake	2	-	-	2	-	-	-	-	-
Benewah	6	-	-	1	2	1	1	-	2
Bingham	25	-	1	9	6	5	3	2	2
Blaine	8	-	-	2	2	3	3	-	1
Boise	2	-	-	-	2	-	-	-	-
Bonner	22	-	2	6	9	2	2	-	3
Bonneville	48	-	-	11	13	18	16	2	4
Boundary	6	-	1	1	3	-	-	-	1
Butte	2	-	-	-	2	-	-	-	-
Camas	1	-	-	-	1	-	-	-	-
Canyon	85	-	3	22	27	18	15	8	7
Caribou	3	-	-	1	2	-	-	-	-
Cassia	16	-	1	4	7	1	1	-	3
Clark	1	-	-	-	-	1	1	-	-
Clearwater	9	-	-	3	4	2	1	-	-
Custer	3	-	-	-	1	1	1	-	1
Elmore	8	-	-	-	3	3	3	-	2
Franklin	9	-	1	-	5	1	1	-	2
Fremont	7	-	-	3	-	2	2	1	1
Gem	6	-	-	1	2	1	-	1	1
Gooding	9	-	1	2	3	2	2	1	-
Idaho	14	-	1	4	5	1	1	1	2
Jefferson	11	-	1	4	4	1	1	1	-
Jerome	15	-	-	3	8	2	2	1	1
Kootenai	84	1	3	31	21	20	18	-	8
Latah	22	1	1	3	9	6	6	-	2
Lemhi	8	-	-	2	4	-	-	1	1
Lewis	4	-	-	2	2	-	-	-	-
Lincoln	4	-	-	1	2	-	-	-	1
Madison	8	-	-	3	3	1	1	-	1
Minidoka	8	-	1	1	4	-	-	1	1
Nez Perce	37	1	-	5	11	11	10	4	5
Oneida	3	-	-	3	-	-	-	-	-
Owyhee	5	-	-	1	4	-	-	-	-
Payette	8	-	-	1	4	1	1	-	2
Power	4	-	-	-	3	-	-	1	-
Shoshone	14	-	-	4	3	4	4	1	2
Teton	3	-	-	-	1	2	1	-	-
Twin Falls	66	-	1	30	12	11	11	5	7
Valley	5	-	1	-	4	-	-	-	-
Washington	11	-	-	4	1	2	2	-	4

¹Poisoning and exposure to noxious substances includes exposure to drugs, alcohol, vapors, noxious substances, or unspecified chemicals. ²Poisoning from drugs only.

³Suffocation includes mechanical suffocation and suffocation due to choking on food or object.

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Place of Injury
2017

TYPE OF ACCIDENTAL (UNINTENTIONAL INJURY) DEATH	TOTAL	PLACE OF INJURY ¹				
		Home	Street or highway	Other public place	Residential or public institution	Not stated
TOTAL	878	387	209	104	88	90
Motor Vehicle Total	269	11	201	17	-	40
Motor vehicle with collision with another vehicle, heavy transport, or bus	79	1	72	1	-	5
Motor vehicle, noncollision	68	4	54	8	-	2
Other and unspecified motor vehicle accident	38	1	9	2	-	26
Injury to motorcyclist, except with railway train	30	-	26	-	-	4
Motor vehicle with collision with fixed object	19	-	19	-	-	-
Injury to pedestrian with motor vehicle	12	2	10	-	-	-
Injury to occupant of special-use motor vehicle*	12	3	5	3	-	1
Injury to pedestrian with unspecified motor vehicle	5	-	4	-	-	1
Injury to pedal cyclist with motor vehicle	3	-	2	-	-	1
Motor vehicle with collision with train	3	-	-	3	-	-
Injury to motorcyclist with collision with train	-	-	-	-	-	-
Injury to occupant of three-wheeled motor vehicle	-	-	-	-	-	-
Injury to rider or occupant of animal-drawn vehicle with motor vehicle	-	-	-	-	-	-
Non-Motor Vehicle Total	609	376	8	87	88	50
Falls	242	144	2	15	75	6
Poisoning and exposure to noxious substances	200	171	2	14	7	6
Other and unspecified external causes of accidental injury	44	24	-	18	1	1
Suffocation, food or object	35	3	1	-	5	26
Drowning and submersion	29	4	-	21	-	4
Exposure to excessive natural cold	16	10	1	4	-	1
Suffocation, mechanical	11	9	-	1	-	1
Water transportation accident	8	-	-	7	-	1
Fire	7	5	-	1	-	1
Firearm	4	4	-	-	-	-
Air and space transportation accident	3	1	-	2	-	-
Other and unspecified land transport accident	3	-	2	-	-	1
Exposure to excessive natural heat	3	-	-	2	-	1
Exposure to electric current	2	1	-	-	-	1
Railroad not with motor vehicle	1	-	-	1	-	-
Person injured in other and unspecified land transport accident (includes streetcar)	1	-	-	1	-	-
Pedestrian not with motor vehicle or train	-	-	-	-	-	-
Pedal cyclist not with motor vehicle or train	-	-	-	-	-	-
Rider of animal or occupant of animal-drawn vehicle not with motor vehicle or train	-	-	-	-	-	-
Lightning, avalanche, earthquake, volcano, storm, or flood	-	-	-	-	-	-

¹Place of injury for residential or public institution includes hospitals, schools, and nursing homes. Place of injury for other public place includes sport and athletics areas, trade and service areas, industrial, construction, farm, ranch and other public areas.

*Special-use motor vehicle includes all-terrain, snowmobiles, and motor vehicles for industrial, construction, and agriculture use.

WORK INJURY DEATHS OCCURRING IN IDAHO¹
Manner of Death by Sex and Age
2017

MANNER OF DEATH	TOTAL	SEX		AGE GROUP					
		Male	Female	<15	15-24	25-44	45-64	65-74	75+
TOTAL	37	37	-	-	2	7	15	4	3
Accidental (unintentional injury)	31	31	-	-	2	7	15	4	3
Intentional self-harm (suicide)	4	4	-	-	-	1	3	-	-
Assault (homicide)	2	2	-	-	-	1	1	-	-
Undetermined intent	-	-	-	-	-	-	-	-	-
Operations of war and their sequelae ²	-	-	-	-	-	-	-	-	-

¹Though the death occurred in Idaho, the injury may have occurred in Idaho or out-of-state.

²Operations of war and their sequelae includes deaths due to late effects of injuries from war.

ACCIDENTAL WORK INJURY DEATHS OCCURRING IN IDAHO
Industry by Place of Injury
2017

INDUSTRY	TOTAL	PLACE OF INJURY							
		Farm or ranch	Home, residential institution, or nursing home	Industrial or construction area	School, hospital, or other public institution	Sports and athletic area	Street or highway	Trade and service area	Other or unspecified area
TOTAL	31	5	5	3	-	-	12	-	6
Accommodation & Food Services	1	-	-	-	-	-	-	-	1
Administrative Support & Waste Management	1	-	1	-	-	-	-	-	-
Agriculture, Forestry, Fishing, & Hunting	12	4	1	-	-	-	4	-	3
Construction	2	-	1	-	-	-	-	-	1
Education Services	2	1	-	-	-	-	1	-	-
Manufacturing	1	-	-	1	-	-	-	-	-
Mining	1	-	-	1	-	-	-	-	-
Other Service Except Public Administration	1	-	1	-	-	-	-	-	-
Public Administration	2	-	1	-	-	-	1	-	-
Transportation & Warehousing	6	-	-	1	-	-	5	-	-
Unspecified/Other	1	-	-	-	-	-	-	-	1
Utilities	1	-	-	-	-	-	1	-	-

Note: Information regarding injuries at work are not available for all Idaho resident deaths occurring in other states. Therefore, data on these tables are for deaths occurring in Idaho, regardless of decedent's state of residence. Other unintentional and intentional injury data in this publication are for Idaho residents, regardless of where the death occurred. Therefore, these totals will differ from totals found in other tables.

IDAHO RESIDENT DRUG MORTALITY

Drug-Induced, Drug Overdose, and Accidental Drug Overdose

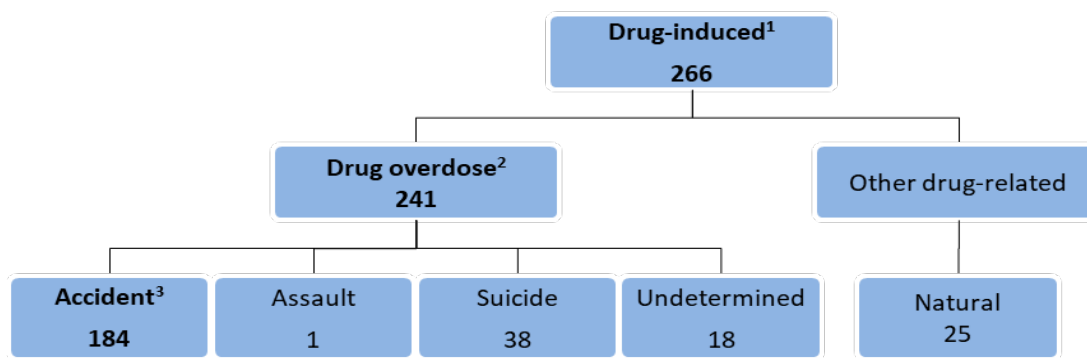
By Classification, Health District, Age, and Sex

2017 Idaho, and 2016 U.S.

Drug-related deaths are typically reported using the following classifications-

1. Drug-induced deaths: the underlying cause of death was illicit, prescription, and/or over-the-counter drug use, including deaths from acute poisoning by drugs and deaths from illnesses, disorders, or diseases resulting from long-term or chronic drug use. Deaths from falls, motor vehicle crashes, and other causes indirectly related to drug use are excluded. This is the broadest classification.
2. Drug overdose: the underlying cause of death was acute poisoning by drugs. These are a subset of drug-induced deaths and exclude illness, disorders, and diseases resulting from long-term or chronic drug use. This classification is sometimes called drug poisoning.
3. Accidental drug poisoning deaths: the underlying cause of death was accidental acute poisoning by drugs. These are a subset of drug poisoning deaths and include only deaths where the manner was accidental.

NUMBER OF IDAHO RESIDENT DRUG DEATHS BY CLASSIFICATION



DEMOGRAPHICS	Drug-Induced ¹		Drug Overdose ²		Accidental Drug Overdose ³	
	Number	Rate	Number	Rate	Number	Rate
IDAHO TOTAL	266	15.5	241	14.0	184	10.7
U.S. TOTAL (2016)	67,265	20.8	63,632	19.7	54,793	17.0
HEALTH DISTRICT						
District 1	43	18.3	36	15.3	25	10.6
District 2	23	21.2	21	19.4	18	16.6
District 3	29	10.2	26	9.2	18	6.4
District 4	79	15.7	78	15.5	64	12.8
District 5	28	14.2	25	12.7	19	9.7
District 6	32	18.6	29	16.8	17	9.9
District 7	32	14.6	26	11.8	23	10.5
AGE GROUP						
< 15	2	0.5	2	0.5	1	0.3
15-19	3	2.5	3	2.5	2	1.6
20-24	11	9.8	10	8.9	8	7.1
25-34	61	27.0	60	26.6	46	20.4
35-44	47	22.1	46	21.6	39	18.3
45-54	65	32.6	61	30.6	48	24.1
55-64	46	21.7	35	16.5	25	11.8
65-74	20	12.4	18	11.2	11	6.8
75-84	9	11.9	4	5.3	2	2.7
85 +	2	7.0	2	7.0	2	7.0
SEX						
Female	115	13.4	106	12.4	77	9.0
Male	151	17.5	135	15.7	107	12.4

Rates are deaths per 100,000 population for U.S., Idaho, and for each Health District, age group, and sex. Drug-induced, drug overdose, and accidental drug overdose are subsets of rankable causes of mortality, and are not ranked for leading causes of mortality. See Technical notes for more information.

IDAHO RESIDENT DRUG MORTALITY
Drug-Induced, Drug Overdose, and Accidental Drug Overdose
Trends, 2008-2017

YEAR	CAUSE OF DEATH					
	Drug-Induced ¹		Drug Overdose ²		Accidental Drug Overdose ³	
	Number	Rate	Number	Rate	Number	Rate
2008	154	10.1	148	9.7	93	6.1
2009	184	11.9	174	11.3	101	6.5
2010	196	12.5	180	11.5	116	7.4
2011	200	12.6	192	12.1	110	6.9
2012	191	12.0	183	11.5	114	7.1
2013	227	14.1	209	13.0	142	8.8
2014	228	13.9	211	12.9	145	8.9
2015	234	14.1	223	13.5	150	9.1
2016	261	15.5	244	14.5	181	10.8
2017	266	15.5	241	14.0	184	10.7

Rates are deaths per 100,000 population.

IDAHO RESIDENT DRUG MORTALITY
Years Of Potential Life Lost Before Age 75
Drug-Induced, Drug Overdose, and Accidental Drug Overdose
2017

CAUSE OF DEATH	Persons Aged Less Than 75 Years		Years of Potential Life Lost (YPLL) Before Age 75		
	Number of Deaths	Percentage of Deaths	Total Number of YPLL	YPLL Rate ¹	Average Number of YPLL per Death
Drug-Induced ¹	255	4.2%	7,678	476	30.1
Drug Overdose ²	235	3.9%	7,252	450	30.9
Accidental Drug Overdose ³	180	3.0%	5,650	350	31.4

¹YPLL rate is the total number of years of potential life lost per 100,000 population aged less than 75 years. See Technical Notes for methodology.

1. Drug-induced deaths: the underlying cause of death was illicit, prescription, and/or over-the-counter drug use, including deaths from acute poisoning by drugs and deaths from illnesses, disorders, or diseases resulting from long-term or chronic drug use. Deaths from falls, motor vehicle crashes, and other causes indirectly related to drug use are excluded. This is the broadest classification.

2. Drug overdose: the underlying cause of death was acute poisoning by drugs. These are a subset of drug-induced deaths and exclude illness, disorders, and diseases resulting from long-term or chronic drug use. This classification is also referred to as drug poisoning.

3. Accidental drug poisoning deaths: the underlying cause of death was accidental acute poisoning by drugs. These are a subset of drug poisoning deaths and include only deaths where the manner was accidental.

Drug-induced, drug overdose, and accidental drug overdose are subsets of rankable causes of mortality, and are not ranked for leading causes of mortality. See Technical notes for more information.

IDAHO RESIDENT DRUG MORTALITY
Drug-Induced, Drug Overdose, and Accidental Drug Overdose
By Classification and Type of Drug Reported, 2017

DRUGS REPORTED AND ICD-10 CODES	CAUSE OF DEATH					
	Drug-Induced ¹		Drug Overdose ²		Accidental Drug Overdose ³	
	Number	Percent	Number	Percent	Number	Percent
TOTAL DRUG DEATHS	266	100%	241	100%	184	100%
Drug Deaths, Drug(s) reported						
No drug reported	61	23%	42	17%	32	17%
One or more drug(s) reported	205	77%	199	83%	152	83%
Drug Deaths Reporting Opioids						
Total Drug Deaths Reporting Opioids ⁴	117	44%	116	48%	91	49%
Opium (T40.0)	-	0%	-	0%	-	0%
Heroin (T40.1)	24	9%	24	10%	22	12%
Natural and semisynthetic opioid (such as oxycodone, morphine, and codeine, T40.2)	61	23%	60	25%	46	25%
Methadone (T40.3)	16	6%	16	7%	12	7%
Synthetic opioid other than methadone (such as fentanyl and tramadol, T40.4)	28	11%	28	12%	24	13%
Other/unspecified narcotic (T40.6)	10	4%	10	4%	7	4%
Drug Deaths Reporting Non-Opioids						
Cocaine (T40.5)	8	3%	7	3%	7	4%
Cannabis (T40.7)	4	2%	4	2%	3	2%
LSD (Lysergic acid diethylamide, T40.8)	-	0%	-	0%	-	0%
Benzodiazepines (T42.4)	28	11%	28	12%	21	11%
Antibiotics, Antiparasitics, antagonist, non-opioid analgesics (T36.0-T39.9)	12	5%	11	5%	3	2%
Anesthetics, Antiepileptic, and Sedative-Hypnotic ⁵	15	6%	15	6%	10	5%
Antidepressants (T43.0-T43.2)	34	13%	34	14%	26	14%
Psychostimulants with abuse potential (such as methamphetamine and ecstasy, T43.6)	59	22%	54	22%	48	26%
Psychotropic NEC (T43.3-T43.5, T43.8-T43.9)	5	2%	5	2%	3	2%
Other non-opioids (T44.0-T50.8)	21	8%	21	9%	13	7%

Each drug death may involve one or more than one drug. Therefore, the sum of the number of deaths by type of drug may not sum to the total number of drug deaths in that category. If a death certificate reports heroin and oxycodone, for example, the death will be counted once for the category of Total drug deaths reporting opioids.

1. Drug-induced deaths: the underlying cause of death was illicit, prescription, and/or over-the-counter drug use, including deaths from acute poisoning by drugs and deaths from illnesses, disorders, or diseases resulting from long-term or chronic drug use. Deaths from falls, motor vehicle crashes, and other causes indirectly related to drug use are excluded. This is the broadest classification.

2. Drug overdose: the underlying cause of death was acute poisoning by drugs. These are a subset of drug-induced deaths and exclude illness, disorders, and diseases resulting from long-term or chronic drug use. This classification is also referred to as drug poisoning.

3. Accidental drug poisoning deaths: the underlying cause of death was accidental acute poisoning by drugs. These are a subset of drug poisoning deaths and include only deaths where the manner was accidental.

4. Any opioid (T40.0, T40.1, T40.2, T40.3, T40.4, T40.6)

5. Anesthetics, antiepileptic, and sedative-hypnotic (T41.0-T42.3, T42.5-T42.9)

Drug-induced, drug overdose, and accidental drug overdose are subsets of rankable causes of mortality, and are not ranked for leading causes of mortality. See Technical notes for more information.

IDAHO RESIDENT MORTALITY
Alcohol-Induced and Firearm-Injury Mortality
By Health District of Residence, Age Group, Sex, and Manner
2017 Idaho and 2016 U.S.

	CAUSE OF DEATH			
	Alcohol-Induced		Firearm-Injury	
	Number	Rate	Number	Rate
U.S. ¹	34,865	10.8	38,658	12.0
IDAHO	218	12.7	281	16.4
HEALTH DISTRICT				
District 1	43	18.3	40	17.0
District 2	14	12.9	17	15.7
District 3	37	13.1	55	19.4
District 4	55	11.0	65	13.0
District 5	22	11.2	34	17.3
District 6	23	13.3	35	20.3
District 7	24	10.9	35	15.9
AGE GROUP				
< 15	-	-	6	1.6
15-19	-	-	19	15.6
20-24	1	0.9	21	18.6
25-34	4	1.8	48	21.3
35-44	26	12.2	47	22.1
45-54	42	21.1	36	18.1
55-64	83	39.2	47	22.2
65-74	39	24.2	24	14.9
75-84	16	21.2	25	33.1
85 +	7	24.5	8	28.0
SEX				
Female	65	7.6	37	4.3
Male	153	17.8	244	28.4
MANNER ² (percentage)				
Accident (unintentional injury)	8	3.7%	4	1.4%
Assault (homicide)	-	-	27	9.6%
Intentional self-harm (suicide)	-	-	244	86.8%
Legal intervention	-	-	3	1.1%
Natural	210	96.3%	-	-
Undetermined intent	-	-	3	1.1%

Rates are deaths per 100,000 population for Idaho and for each Health District, age group, and sex. Rates are unreliable when the rate was calculated with a numerator (number of deaths) <20.

¹Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2016 on CDC WONDER Online Database, released December, 2017.

²Manner of death was determined by the information reported in the cause of death section on the death certificate; manner of death checked on the death certificate may differ from manner determined by cause of death. There is not a check box for Legal intervention for manner of death on the Idaho death certificate.

YEARS OF POTENTIAL LIFE LOST BEFORE AGE 75
Idaho Resident Alcohol-Induced, and Firearm-Injury Mortality
2017

CAUSE OF DEATH	Persons Aged Less Than 75 Years		Years of Potential Life Lost (YPLL) Before Age 75		
	Number of Deaths	Percentage of Deaths	Total Number of YPLL	YPLL Rate ¹	Average Number of YPLL per Death
Alcohol-Induced	195	3.2%	3,621	225	18.6
Firearm-Injury	248	4.1%	8,136	504	32.8

¹YPLL rate is the total number of years of potential life lost per 100,000 population aged less than 75 years. See Technical Notes for methodology.

Alcohol-induced, and firearm-injury deaths are subsets of rankable causes of mortality and are not ranked for leading causes of mortality. See Technical notes for more information.

IDAHO RESIDENT MORTALITY
Disposition Method¹
2017

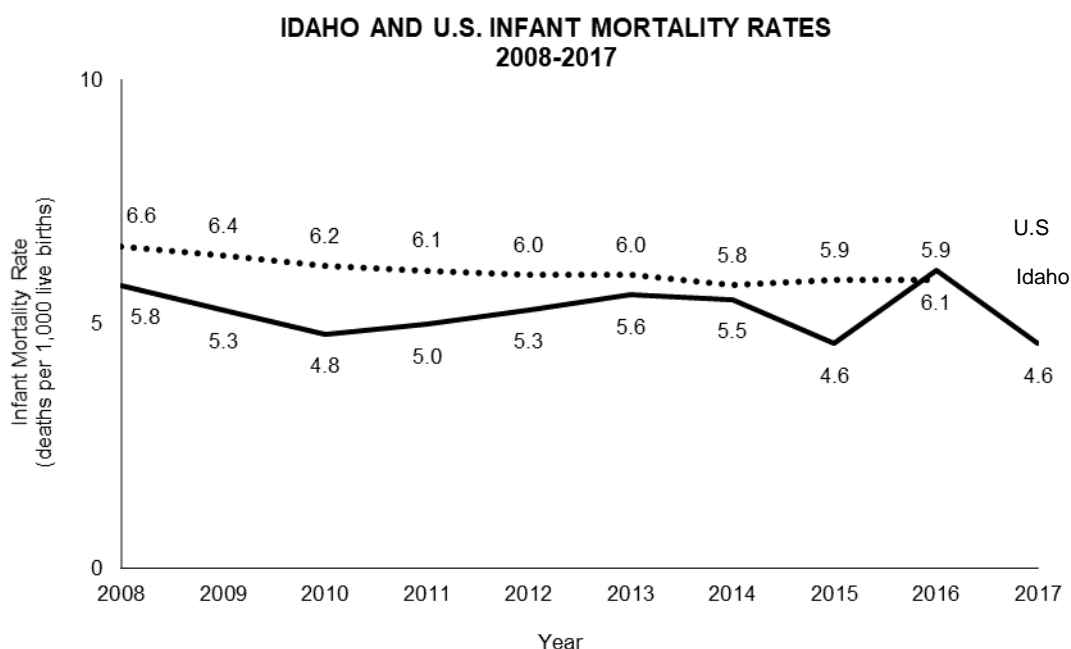
RESIDENCE	TOTAL DEATHS	DISPOSITION METHOD								
		Burial and entombment		Cremation		Donation		Removal from Idaho		Other/ not stated
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number
IDAHO	14,007	4,107	29.3%	8,794	62.8%	10	0.1%	1,087	7.8%	9
District 1	2,380	294	12.4	1,806	75.9	5	0.2	274	11.5	1
District 2	1,087	214	19.7	714	65.8	1	0.1	156	14.4	2
District 3	2,310	651	28.2	1,492	64.6	1	0.0	166	7.2	-
District 4	3,550	840	23.7	2,559	72.1	2	0.1	147	4.1	2
District 5	1,611	566	35.1	975	60.5	1	0.1	69	4.3	-
District 6	1,540	802	52.1	646	42.0	-	-	91	5.9	1
District 7	1,529	740	48.5	602	39.5	-	-	184	12.1	3
Ada	3,229	770	23.9	2,317	71.8	2	0.1	138	4.3	2
Adams	52	6	11.5	44	84.6	-	-	2	3.9	-
Bannock	742	302	40.8	406	54.8	-	-	33	4.5	1
Bear Lake	73	54	74.0	2	2.7	-	-	17	23.3	-
Benewah	131	23	17.6	91	69.5	-	-	17	13.0	-
Bingham	391	225	57.5	151	38.6	-	-	15	3.8	-
Blaine	116	15	12.9	97	83.6	-	-	4	3.5	-
Boise	53	11	20.8	40	75.5	-	-	2	3.8	-
Bonner	463	57	12.3	323	69.9	2	0.4	80	17.3	1
Bonneville	914	427	46.8	440	48.2	-	-	46	5.0	1
Boundary	121	24	19.8	91	75.2	1	0.8	5	4.1	-
Butte	31	18	58.1	13	41.9	-	-	-	-	-
Camas	14	6	42.9	8	57.1	-	-	-	-	-
Canyon	1,575	445	28.3	1,054	66.9	1	0.1	75	4.8	-
Caribou	87	51	58.6	29	33.3	-	-	7	8.1	-
Cassia	205	100	48.8	96	46.8	-	-	9	4.4	-
Clark	7	-	-	7	100.0	-	-	-	-	-
Clearwater	117	14	12.0	95	81.2	-	-	8	6.8	-
Custer	48	13	27.1	12	25.0	-	-	23	47.9	-
Elmore	189	43	22.8	140	74.1	-	-	6	3.2	-
Franklin	120	91	75.8	16	13.3	-	-	13	10.8	-
Fremont	109	59	54.1	45	41.3	-	-	5	4.6	-
Gem	212	77	36.3	123	58.0	-	-	12	5.7	-
Gooding	150	40	26.7	102	68.0	-	-	8	5.3	-
Idaho	177	45	25.6	122	69.3	-	-	9	5.1	1
Jefferson	168	103	61.7	51	30.5	-	-	13	7.8	1
Jerome	164	57	34.8	100	61.0	-	-	7	4.3	-
Kootenai	1,463	165	11.3	1,136	77.7	2	0.1	160	10.9	-
Latah	216	45	20.8	55	25.5	1	0.5	115	53.2	-
Lemhi	103	18	17.5	17	16.5	-	-	68	66.0	-
Lewis	52	8	15.4	40	76.9	-	-	4	7.7	-
Lincoln	29	9	31.0	18	62.1	-	-	2	6.9	-
Madison	140	101	72.1	23	16.4	-	-	16	11.4	-
Minidoka	182	87	47.8	87	47.8	-	-	8	4.4	-
Nez Perce	525	102	19.5	402	76.7	-	-	20	3.8	1
Oneida	41	30	73.2	6	14.6	-	-	5	12.2	-
Owyhee	97	29	29.9	59	60.8	-	-	9	9.3	-
Payette	240	57	23.8	129	53.8	-	-	54	22.5	-
Power	55	31	56.4	23	41.8	-	-	1	1.8	-
Shoshone	202	25	12.4	165	81.7	-	-	12	5.9	-
Teton	40	19	48.7	7	18.0	-	-	13	33.3	1
Twin Falls	751	252	33.6	467	62.2	1	0.1	31	4.1	-
Valley	79	16	20.3	62	78.5	-	-	1	1.3	-
Washington	134	37	27.6	83	61.9	-	-	14	10.5	-

¹Disposition method may or may not be reported for Idaho residents who died out-of-state.

INFANT, FETAL, AND MATERNAL MORTALITY

U.S. and Idaho Infant Mortality

Infant mortality is defined as death under one year of age. The infant mortality rate in the U.S. remained the same in 2016 (the last year of available data) as in 2015 at 5.9 infant deaths per 1,000 births.¹ The infant mortality rate for Idaho residents decreased 25%, from 6.1 in 2016 to 4.6 in 2017. There were 137 infant deaths among Idaho residents in 2016 compared with 101 in 2017.

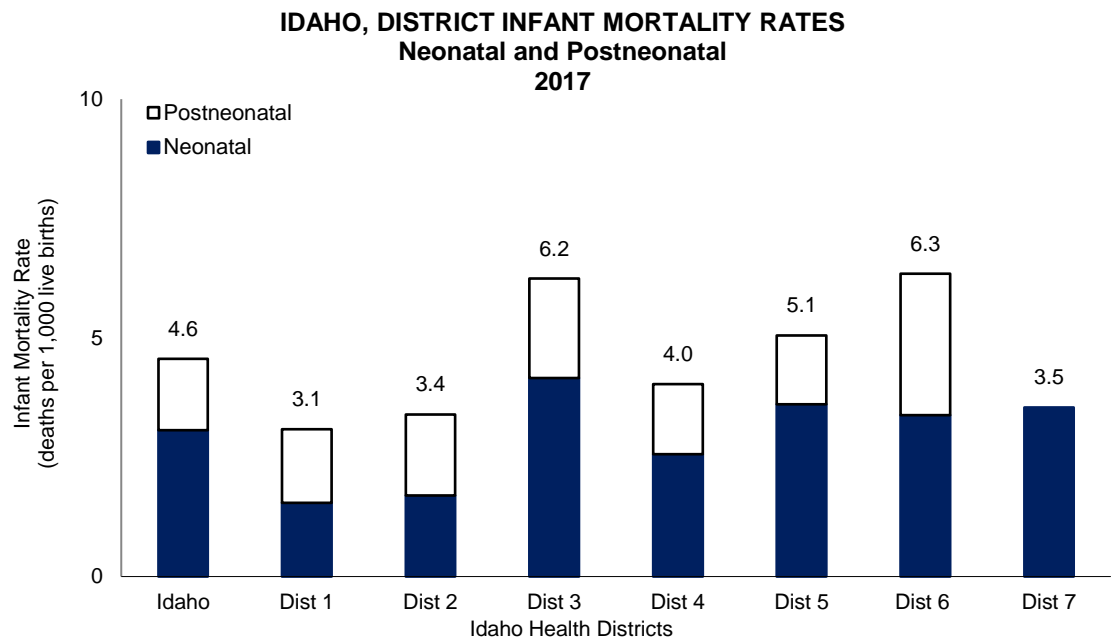


U.S. and Idaho Leading Causes of Infant Mortality

Neonatal mortality is defined as death at less than 28 days of age and postneonatal mortality is defined as death from 28 days to 364 days of age. In Idaho, the neonatal mortality rate decreased 16.2%, from 3.7 deaths per 1,000 live births in 2016 to 3.1 in 2017. The postneonatal mortality rate decreased 37.5%, from 2.4 deaths per 1,000 live births in 2016 to 1.5 in 2017. The U.S. neonatal mortality rate was 3.9 and the postneonatal mortality rate was 2.0 in 2016.¹

District 6 experienced the highest infant mortality rate in 2017 with 6.3 deaths per 1,000 live births followed by District 3 (6.2). District 1 had the lowest rate in 2017 (3.1). Neonatal mortality ranged from a low of 1.5 deaths per 1,000 births in District 1 to a high of 4.2 neonatal deaths in District 3. Postneonatal mortality ranged from a low of none in District 7 to a high of 3.0 in District 6.

Though they are provided, most county and many District-level rates are unreliable due to small numbers of infant deaths. This results in mortality rates that are unstable. Small counties are disproportionately affected and can have calculated rates that are abnormally high. Therefore, moving three-year rates are a more reliable measure of infant mortality. Three-year infant mortality rates from 2006-2008 through 2015-2017 are provided by district and county.



U.S. and Idaho Leading Causes of Infant Mortality

In 2017, there were 42 deaths to Idaho resident infants due to Certain conditions originating in the perinatal period, compared with 57 deaths in 2016. The conditions within the overarching category of Certain conditions originating in the perinatal period are used to determine leading causes of infant mortality. These conditions include short gestation and low birthweight, newborn affected by maternal complications of pregnancy, and neonatal hemorrhage. The leading cause of Idaho infant mortality was Congenital malformations, deformations and chromosomal abnormalities (birth defects) (28 deaths; 126.4 deaths per 100,000 births). Sudden infant death syndrome (SIDs) was the second leading cause of infant death (10 deaths; 45.1 deaths per 100,000 births). The leading cause of infant mortality in 2016 in the U.S. was Congenital malformations, deformations and chromosomal abnormalities (birth defects) (122.1 deaths per 100,000 live births), followed by Disorders related to short gestation and low birth weight (99.5 deaths per 100,000 live births).¹

Stillbirths

Idaho reportable stillbirth deliveries or stillbirths are defined as a spontaneous fetal death of 20 completed weeks of gestation or more, based on a clinical estimate of gestation, or a weight of 350 grams (12.35 ounces) or more. In 2017, there were 106 stillbirths to Idaho residents; the ratio of stillbirths to live births was 4.8 stillbirths per 1,000 live births. In the past ten years, the stillbirth ratio ranged from a low of 4.8 stillbirths per 1,000 live births in 2009 and 2017, to a high of 6.2 in 2015.

Perinatal Mortality

Perinatal mortality is defined as a stillbirth or death under seven days of age. The perinatal mortality ratio is the number of stillbirths plus the number of deaths to infants under seven days of age per 1,000 live births. This ratio is often used to compare U.S. data with other countries as definitions for live birth, stillbirth, and infant mortality vary between countries. In 2017, there were 162 perinatal deaths to Idaho residents. The Idaho perinatal mortality ratio in 2017 was 7.3 deaths per 1,000 live births, a 13.1% decrease from 2016 (8.4 perinatal deaths per 1,000 births).

Maternal Mortality

Maternal causes of death include pregnancies with an abortive or live outcome and include direct and indirect obstetric causes and complications. The World Health Organization defines maternal death as “the death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental or incidental causes.”²

In 2003, the Idaho death certificate was revised to include a separate question regarding pregnancy status of females aged 10 to 54. Data are reported if the female was pregnant at time of death, within 42 days of death, or 43 days to one year prior to death. Data from this question are used in conjunction with cause-of-death information reported in Part I and Part II on the death certificate to determine the underlying cause of death. This separate pregnancy checkbox on the death certificate resulted in the identification of more maternal deaths in states with the revised death certificate.² Idaho maternal death data in 2003 and later are not comparable with Idaho data prior to 2003, the U.S., or states not using the revised death certificate.

The ICD-10 codes used for determining the number of maternal deaths are A34 (Obstetrical tetanus), O00-O95 (Direct obstetric causes), and O98-O99 (Indirect causes). In addition, there are ICD-10 codes used for deaths due to pregnancy, childbirth, and the puerperium occurring 43 days to one year after delivery or termination of pregnancy (ICD-10 codes O96-O97); however, these deaths are not included in the count or the ratio for maternal deaths. In 2017, there were six maternal deaths to Idaho residents (ratio of 27.1 deaths per 100,000 live births). There were three deaths due to pregnancy, childbirth, and the puerperium occurring 43 days to one year after delivery or termination of pregnancy (not included in the mortality ratio). Overall from 2008 to 2017, there have been 49 maternal deaths among Idaho women.

Comparable U.S. maternal mortality data were not included in the latest U.S. final data report on deaths. The 2003 revision of the U.S. Standard Certificate of Death introduced a checkbox question format with categories to take advantage of additional codes available in ICD-10 for deaths with a connection to pregnancy, childbirth, and the puerperium. As states revise their death certificates, most are adopting the checkbox format, resulting in wider adoption of a pregnancy status question nationwide and greater standardization of the question used. In 2014, the District of Columbia and all states except Colorado and West Virginia had a separate question related to pregnancy status of female decedents around the time of their death. The 2003 standard format of the question was used by 45 states and the District of Columbia. Other formats of the question were used by Alabama, California, and Maryland for the entire year and Virginia until November when they began using the 2003 standard format.

¹ Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2016 on CDC WONDER Online Database, released December 2017.

² World Health Organization. (2016). International Statistical Classification of Diseases and Related Health Problems 10th Revision Instruction Manual (5th ed., Vol. 2).

IDAHO RESIDENT INFANT MORTALITY
Number of Infant Deaths and Rates¹
2013-2017

RESIDENCE	2017		2016		2015		2014		2013	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
U.S. ²	NA		5.9		5.9		5.8		6.0	
IDAHO	101	4.6	137	6.1	106	4.6	126	5.5	126	5.6
District 1	8	3.1	14	5.4	12	4.5	17	6.5	11	4.4
District 2	4	3.4	7	6.0	5	4.1	10	8.5	9	7.8
District 3	24	6.2	24	6.1	21	5.3	24	6.0	29	7.5
District 4	22	4.0	25	4.4	25	4.4	27	4.7	23	4.1
District 5	14	5.1	24	8.5	15	5.4	17	6.1	19	6.7
District 6	15	6.3	20	8.2	10	3.9	11	4.3	17	6.6
District 7	14	3.5	23	5.9	18	4.5	20	5.0	18	4.7
Ada	20	4.1	24	4.8	22	4.3	23	4.5	20	4.0
Adams	-	-	-	-	-	-	-	-	1	35.7
Bannock	7	5.9	8	6.7	5	4.0	7	5.3	6	4.8
Bear Lake	-	-	-	-	-	-	-	-	2	25.3
Benewah	-	-	-	-	-	-	2	18.7	2	18.9
Bingham	4	6.6	7	10.6	4	5.4	1	1.5	6	8.1
Blaine	1	5.3	1	5.0	2	8.4	-	-	-	-
Boise	1	16.4	-	-	-	-	-	-	-	-
Bonner	3	7.1	2	4.6	5	13.2	5	11.6	1	2.5
Bonneville	4	2.1	16	8.4	11	5.6	14	7.5	10	5.4
Boundary	-	-	-	-	-	-	1	7.6	1	7.8
Butte	-	-	1	33.3	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	14	4.6	20	6.4	16	5.0	20	6.2	23	7.5
Caribou	1	10.5	1	11.2	-	-	1	12.0	-	-
Cassia	1	2.6	6	15.7	1	2.9	4	10.7	3	7.8
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	-	-	3	41.7	1	17.9	-	-	-	-
Custer	-	-	-	-	-	-	-	-	-	-
Elmore	1	2.1	1	2.2	2	4.6	4	8.1	3	6.2
Franklin	3	15.7	1	5.0	1	5.1	-	-	1	4.9
Fremont	1	5.7	-	-	2	11.5	1	5.1	-	-
Gem	1	5.1	2	9.7	2	9.3	3	15.6	2	10.1
Gooding	1	5.1	6	26.4	2	9.9	1	5.0	2	9.6
Idaho	1	6.3	-	-	1	6.0	2	12.7	2	14.8
Jefferson	3	6.0	2	4.5	-	-	-	-	3	6.2
Jerome	1	2.7	9	22.4	-	-	7	18.2	8	19.6
Kootenai	5	2.8	11	6.3	7	3.8	8	4.5	7	4.1
Latah	1	2.2	4	9.4	2	4.3	4	8.9	3	6.9
Lemhi	2	25.6	-	-	1	11.4	2	30.8	-	-
Lewis	-	-	-	-	-	-	-	-	-	-
Lincoln	-	-	-	-	1	11.6	-	-	-	-
Madison	4	3.5	4	3.7	4	3.8	2	1.7	2	1.8
Minidoka	5	15.4	1	3.3	2	6.6	2	6.1	1	3.0
Nez Perce	2	4.3	-	-	1	2.1	4	8.3	4	8.5
Oneida	-	-	-	-	-	-	-	-	1	21.3
Owyhee	3	21.3	1	7.4	1	6.9	-	-	1	8.1
Payette	4	12.7	1	3.5	2	6.8	1	3.2	2	6.6
Power	-	-	2	16.3	-	-	2	13.4	1	7.8
Shoshone	-	-	1	6.8	-	-	1	6.7	-	-
Teton	-	-	1	6.9	-	-	1	7.3	3	20.8
Twin Falls	5	4.1	1	0.8	7	6.0	3	2.5	5	4.1
Valley	-	-	-	-	1	11.4	-	-	-	-
Washington	2	18.7	-	-	-	-	-	-	-	-

NA=not available.

¹Rates are deaths of infants under one year of age per 1,000 live births. Rates are unreliable when the rate was calculated with a numerator (number of deaths) <20.

²Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2015 on CDC WONDER Online Database, released December, 2017.

IDAHO RESIDENT INFANT MORTALITY
Sex, Race and Ethnicity¹ of Infant
2017

RESIDENCE	TOTAL DEATHS	SEX		RACE					ETHNICITY	
		Male	Female	White	Black	American Indian/ Alaska Native	Asian/ Pacific Islander	Other Race/ Multiple Race	Non-Hispanic	Hispanic
IDAHO	101	49	52	92	-	5	1	3	82	19
District 1	8	4	4	7	-	1	-	-	7	1
District 2	4	3	1	3	-	1	-	-	2	2
District 3	24	11	13	24	-	-	-	-	19	5
District 4	22	9	13	19	-	-	1	2	20	2
District 5	14	7	7	13	-	-	-	1	8	6
District 6	15	9	6	12	-	3	-	-	13	2
District 7	14	6	8	14	-	-	-	-	13	1
Ada	20	7	13	17	-	-	1	2	18	2
Adams	-	-	-	-	-	-	-	-	-	-
Bannock	7	4	3	5	-	2	-	-	6	1
Bear Lake	-	-	-	-	-	-	-	-	-	-
Benewah	-	-	-	-	-	-	-	-	-	-
Bingham	4	2	2	3	-	1	-	-	3	1
Blaine	1	1	-	1	-	-	-	-	1	-
Boise	1	1	-	1	-	-	-	-	1	-
Bonner	3	3	-	3	-	-	-	-	3	-
Bonneville	4	1	3	4	-	-	-	-	4	-
Boundary	-	-	-	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	14	5	9	14	-	-	-	-	10	4
Caribou	1	1	-	1	-	-	-	-	1	-
Cassia	1	1	-	1	-	-	-	-	1	-
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	-	-	-	-	-	-	-	-	-	-
Custer	-	-	-	-	-	-	-	-	-	-
Elmore	1	1	-	1	-	-	-	-	1	-
Franklin	3	2	1	3	-	-	-	-	3	-
Fremont	1	1	-	1	-	-	-	-	1	-
Gem	1	1	-	1	-	-	-	-	-	1
Gooding	1	-	1	-	-	-	-	1	-	1
Idaho	1	1	-	-	-	1	-	-	-	1
Jefferson	3	1	2	3	-	-	-	-	2	1
Jerome	1	1	-	1	-	-	-	-	1	-
Kootenai	5	1	4	4	-	1	-	-	4	1
Latah	1	1	-	1	-	-	-	-	-	1
Lemhi	2	1	1	2	-	-	-	-	2	-
Lewis	-	-	-	-	-	-	-	-	-	-
Lincoln	-	-	-	-	-	-	-	-	-	-
Madison	4	2	2	4	-	-	-	-	4	-
Minidoka	5	3	2	5	-	-	-	-	1	4
Nez Perce	2	1	1	2	-	-	-	-	2	-
Oneida	-	-	-	-	-	-	-	-	-	-
Owyhee	3	2	1	3	-	-	-	-	3	-
Payette	4	2	2	4	-	-	-	-	4	-
Power	-	-	-	-	-	-	-	-	-	-
Shoshone	-	-	-	-	-	-	-	-	-	-
Teton	-	-	-	-	-	-	-	-	-	-
Twin Falls	5	1	4	5	-	-	-	-	4	1
Valley	-	-	-	-	-	-	-	-	-	-
Washington	2	1	1	2	-	-	-	-	2	-

¹Race and Hispanic origin are reported separately on the death certificate. Infants of Hispanic origin are included in appropriate race totals.

IDAHO RESIDENT INFANT MORTALITY
Cause of Death by Neonatal and Postneonatal Periods
2017 Idaho and 2016 U.S.

CAUSE OF DEATH AND ICD-10 CODE(S)	IDAHO						U.S. ¹
	Total		Neonatal		Postneonatal		Total
	Number	Rate	Number	Rate	Number	Rate	Rate
TOTAL	101	455.8	68	306.9	33	148.9	587.0
Influenza and pneumonia (J09-J18)	-	-	-	-	-	-	4.2
Certain conditions originating in the perinatal period (P00-P96)	42	189.5	42	189.5	-	-	288.0
Newborn affected by maternal complications of pregnancy (P01)	8	36.1	8	36.1	-	-	35.5
Newborn affected by complications of placenta, cord and membranes (P02)	6	27.1	6	27.1	-	-	21.3
Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	8	36.1	8	36.1	-	-	99.5
Intrauterine hypoxia and birth asphyxia (P20-P21)	3	13.5	3	13.5	-	-	8.7
Respiratory distress of newborn (P22)	4	18.1	4	18.1	-	-	12.4
Bacterial sepsis of newborn (P36)	1	4.5	1	4.5	-	-	14.8
Neonatal hemorrhage (P50-P52, P54)	-	-	-	-	-	-	10.1
Other conditions originating in the perinatal period	12	54.2	12	54.2	-	-	NA
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	28	126.4	23	103.8	5	22.6	122.1
Sudden infant death syndrome (R95)	10	45.1	-	-	10	45.1	38.0
Other symptoms, signs, and abnormal clinical and laboratory findings NEC(R00-R53, R55-R94, R96-R99)	1	4.5	1	4.5	-	-	32.8
Accidents (V01-X59, Y85-Y86)	4	18.1	1	4.5	3	13.5	30.9
Assault (homicide X85-Y09, Y87.1)	2	9.0	-	-	2	9.0	7.0
All other causes	14	63.2	1	4.5	13	58.7	NA

Rates are deaths of infants under one year of age per 100,000 live births. Rates are unreliable when the rate was calculated with a numerator (number of deaths) <20.

* The category P00-P96 is not used to rank leading cause of death; subsets of P00-P96 are used to rank leading cause for infants.

**SIDS, a ranked cause, is a subset of R00-R99, "Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified". Categories R00-R53, R55-R94, R96-R99 are not used to rank leading cause of death, but are subsets of R00-R99.

¹Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2016 on CDC WONDER Online Database, released December, 2017.

IDAHO RESIDENT INFANT MORTALITY
Neonatal and Postneonatal Mortality by Age of Mother
2017

AGE OF MOTHER (at time of birth)	Total		Neonatal		Postneonatal	
	Number	Rate	Number	Rate	Number	Rate
TOTAL	101	4.6	68	3.1	33	1.5
<15	-	-	-	-	-	-
15-19	11	10.0	5	4.5	6	5.4
15-17	5	23.1	2	9.3	3	13.9
18-19	6	6.7	3	3.4	3	3.4
20-34	75	4.1	53	2.9	22	1.2
35+	13	4.4	9	3.1	4	1.4
Unknown	1	NA	1	NA	-	NA

Rates are deaths of infants under one year of age per 1,000 live births in corresponding mother's age group. Rates are unreliable when the rate was calculated with a numerator (number of deaths) <20.

NA=not applicable.

IDAHO RESIDENT INFANT MORTALITY
Leading Causes of Infant Mortality
Three-Year Aggregate, 2015-2017

RESIDENCE	THREE-YEAR TOTAL INFANT DEATHS		CAUSE OF INFANT DEATH						
			Congenital malform- ations ¹	Short Gestation / Unspecified Low Birth Weight	Respiratory Distress of Newborn	All Other Conditions Originating in Perinatal Period	Sudden Infant Death Syndrome (SIDS)	External Causes ²	All Other Causes
	Number	Rate							
IDAHO	344	5.1	97	33	7	101	32	20	54
District 1	34	4.3	9	2	1	8	8	4	2
District 2	16	4.5	3	2	1	5	3	1	1
District 3	69	5.9	20	10	-	20	3	4	12
District 4	72	4.3	21	4	-	26	6	1	14
District 5	53	6.3	16	5	2	15	6	3	6
District 6	45	6.1	14	1	-	12	3	2	13
District 7	55	4.7	14	9	3	15	3	5	6
Ada	66	4.4	18	4	-	25	6	-	13
Adams	-	-	-	-	-	-	-	-	-
Bannock	20	5.5	3	1	-	7	1	2	6
Bear Lake	-	-	-	-	-	-	-	-	-
Benewah	-	-	-	-	-	-	-	-	-
Bingham	15	7.5	3	-	-	5	2	-	5
Blaine	4	6.4	1	-	1	-	-	-	2
Boise	1	6.6	1	-	-	-	-	-	-
Bonner	10	8.1	3	1	-	5	1	-	-
Bonneville	31	5.4	5	9	1	5	2	4	5
Boundary	-	-	-	-	-	-	-	-	-
Butte	1	11.1	1	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-
Canyon	50	5.3	16	6	-	13	2	3	10
Caribou	2	7.4	2	-	-	-	-	-	-
Cassia	8	7.1	4	-	-	2	1	1	-
Clark	-	-	-	-	-	-	-	-	-
Clearwater	4	20.3	1	-	-	-	1	1	1
Custer	-	-	-	-	-	-	-	-	-
Elmore	4	2.9	1	-	-	1	-	1	1
Franklin	5	8.5	3	-	-	-	-	-	2
Fremont	3	5.7	1	-	1	1	-	-	-
Gem	5	8.1	2	1	-	2	-	-	-
Gooding	9	14.4	1	1	-	3	2	1	1
Idaho	2	4.3	-	-	-	2	-	-	-
Jefferson	5	3.5	1	-	1	2	-	-	1
Jerome	10	8.4	4	1	-	4	-	-	1
Kootenai	23	4.2	5	1	1	3	7	4	2
Latah	7	5.2	2	-	1	3	1	-	-
Lemhi	3	12.2	1	-	-	1	-	1	-
Lewis	-	-	-	-	-	-	-	-	-
Lincoln	1	4.5	1	-	-	-	-	-	-
Madison	12	3.7	6	-	-	5	1	-	-
Minidoka	8	8.6	2	-	-	4	2	-	-
Nez Perce	3	2.1	-	2	-	-	1	-	-
Oneida	-	-	-	-	-	-	-	-	-
Owyhee	5	11.8	-	1	-	2	1	1	-
Payette	7	7.8	2	2	-	1	-	-	2
Power	2	5.4	2	-	-	-	-	-	-
Shoshone	1	2.2	1	-	-	-	-	-	-
Teton	1	2.2	-	-	-	1	-	-	-
Twin Falls	13	3.6	3	3	1	2	1	1	2
Valley	1	3.6	1	-	-	-	-	-	-
Washington	2	6.0	-	-	-	2	-	-	-

Rates are deaths of infants under one year of age per 1,000 live births in 2015, 2016, and 2017. Rates are unreliable when the rate was calculated with a numerator (number of deaths) <20.

¹Shortened ICD-10 title for Congenital malformations, deformations and chromosomal abnormalities (birth defects).

²External causes include unintentional injury, homicide, and undetermined injury for infants under one year of age.

IDAHO RESIDENT INFANT MORTALITY
Neonatal and Postneonatal Mortality
2017 Idaho and 2016 U.S.

RESIDENCE	TOTAL LIVE BIRTHS	INFANT DEATHS					
		Total ¹		Neonatal ²		Postneonatal ³	
		Number	Rate	Number	Rate	Number	Rate
U.S. ⁴			5.9		3.9		2.0
IDAHO	22,159	101	4.6	68	3.1	33	1.5
District 1	2,594	8	3.1	4	1.5	4	1.5
District 2	1,178	4	3.4	2	1.7	2	1.7
District 3	3,845	24	6.2	16	4.2	8	2.1
District 4	5,456	22	4.0	14	2.6	8	1.5
District 5	2,772	14	5.1	10	3.6	4	1.4
District 6	2,364	15	6.3	8	3.4	7	3.0
District 7	3,950	14	3.5	14	3.5	-	-
Ada	4,832	20	4.1	12	2.5	8	1.7
Adams	31	-	-	-	-	-	-
Bannock	1,189	7	5.9	3	2.5	4	3.4
Bear Lake	83	-	-	-	-	-	-
Benewah	97	-	-	-	-	-	-
Bingham	603	4	6.6	3	5.0	1	1.7
Blaine	188	1	5.3	-	-	1	5.3
Boise	61	1	16.4	1	16.4	-	-
Bonner	425	3	7.1	3	7.1	-	-
Bonneville	1,872	4	2.1	4	2.1	-	-
Boundary	121	-	-	-	-	-	-
Butte	33	-	-	-	-	-	-
Camas	13	-	-	-	-	-	-
Canyon	3,057	14	4.6	9	2.9	5	1.6
Caribou	95	1	10.5	1	10.5	-	-
Cassia	392	1	2.6	1	2.6	-	-
Clark	9	-	-	-	-	-	-
Clearwater	69	-	-	-	-	-	-
Custer	38	-	-	-	-	-	-
Elmore	470	1	2.1	1	2.1	-	-
Franklin	191	3	15.7	1	5.2	2	10.5
Fremont	175	1	5.7	1	5.7	-	-
Gem	195	1	5.1	1	5.1	-	-
Gooding	197	1	5.1	-	-	1	5.1
Idaho	158	1	6.3	1	6.3	-	-
Jefferson	497	3	6.0	3	6.0	-	-
Jerome	364	1	2.7	1	2.7	-	-
Kootenai	1,809	5	2.8	1	0.6	4	2.2
Latah	450	1	2.2	-	-	1	2.2
Lemhi	78	2	25.6	2	25.6	-	-
Lewis	34	-	-	-	-	-	-
Lincoln	79	-	-	-	-	-	-
Madison	1,133	4	3.5	4	3.5	-	-
Minidoka	325	5	15.4	4	12.3	1	3.1
Nez Perce	467	2	4.3	1	2.1	1	2.1
Oneida	56	-	-	-	-	-	-
Owyhee	141	3	21.3	1	7.1	2	14.2
Payette	314	4	12.7	3	9.6	1	3.2
Power	114	-	-	-	-	-	-
Shoshone	142	-	-	-	-	-	-
Teton	148	-	-	-	-	-	-
Twin Falls	1,214	5	4.1	4	3.3	1	0.8
Valley	93	-	-	-	-	-	-
Washington	107	2	18.7	2	18.7	-	-

Rates are unreliable when the rate was calculated with a numerator (number of deaths) <20.

¹Total infant mortality rates are deaths of infants under one year of age per 1,000 live births.

²Neonatal infant mortality rates are deaths of infants within the first 27 days of life per 1,000 live births.

³Postneonatal infant mortality rates are deaths of infants aged 28 days to under one year of age per 1,000 live births.

⁴CDC, NCHS. Underlying Cause of Death 1999-2016 on CDC WONDER Online Database, released December, 2017.

IDAHO RESIDENT INFANT MORTALITY
Three-Year Rates¹
2006-2008 Through 2015-2017

RESIDENCE	2015-2017	2014-2016	2013-2015	2012-2014	2011-2013	2010-2012	2009-2011	2008-2010	2007-2009	2006-2008
IDAHO	5.1	5.4	5.3	5.5	5.3	5.0	5.1	5.3	6.0	6.4
District 1	4.3	5.5	5.2	5.3	4.8	4.5	3.4	3.5	4.9	6.0
District 2	4.5	6.2	6.7	7.0	7.0	7.3	7.1	6.1	5.2	5.9
District 3	5.9	5.8	6.3	6.7	6.6	5.2	5.1	5.5	6.6	7.8
District 4	4.3	4.5	4.4	4.4	4.5	4.6	4.9	5.1	5.8	6.2
District 5	6.3	6.7	6.1	6.7	6.1	6.2	6.2	7.1	7.5	7.3
District 6	6.1	5.4	4.9	4.6	5.0	4.4	4.9	5.1	5.8	6.1
District 7	4.7	5.2	4.7	5.1	4.7	4.7	4.8	5.2	5.5	5.3
Ada	4.4	4.5	4.3	4.3	4.4	4.6	4.8	5.1	5.7	6.2
Adams	-	-	11.8	11.4	11.6	-	-	-	8.0	7.6
Bannock	5.5	5.3	4.7	4.6	4.6	4.9	4.8	4.5	5.2	6.1
Bear Lake	-	-	8.4	7.7	12.9	8.2	12.3	7.9	4.2	9.0
Benewah	-	6.2	12.2	11.9	8.9	2.9	6.0	3.0	11.8	8.5
Bingham	7.5	5.8	5.1	4.1	5.3	3.9	4.7	6.5	7.5	7.2
Blaine	6.4	4.5	3.0	1.5	1.5	4.3	6.8	6.0	4.6	3.3
Boise	6.6	-	-	-	8.4	8.5	6.9	-	-	-
Bonner	8.1	9.6	9.1	6.6	3.4	4.3	2.5	3.2	5.4	8.5
Bonneville	5.4	7.1	6.2	5.8	4.7	4.4	4.1	5.0	5.2	6.5
Boundary	-	2.3	5.0	7.9	5.3	2.8	-	2.6	2.5	2.4
Butte	11.1	12.0	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	5.3	5.9	6.2	6.5	6.6	5.4	5.5	5.7	6.5	8.1
Caribou	7.4	7.8	3.7	3.7	3.7	7.1	13.8	9.6	9.9	9.8
Cassia	7.1	10.0	7.3	7.9	5.2	5.1	4.1	3.2	4.8	7.4
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	20.3	21.5	5.3	4.9	9.6	10.5	5.1	-	-	-
Custer	-	-	-	-	-	-	-	-	-	-
Elmore	2.9	5.1	6.4	6.3	5.7	5.6	6.5	6.4	8.1	8.0
Franklin	8.5	3.5	3.5	3.4	5.1	3.3	3.3	4.5	4.5	3.0
Fremont	5.7	5.5	5.4	5.2	6.8	6.4	3.1	-	-	1.5
Gem	8.1	11.4	11.6	8.3	3.4	-	1.8	3.4	3.1	1.4
Gooding	14.4	14.3	8.2	8.3	8.4	11.1	7.1	6.6	6.5	8.2
Idaho	4.3	6.4	10.8	10.7	6.5	6.2	6.3	8.0	4.0	2.1
Jefferson	3.5	1.5	2.1	4.9	6.1	5.3	7.0	7.3	8.0	4.5
Jerome	8.4	13.3	12.3	15.0	9.1	4.9	8.7	12.3	13.0	7.9
Kootenai	4.2	4.8	4.1	4.6	5.1	4.7	3.5	3.4	4.3	5.1
Latah	5.2	7.5	6.7	6.0	6.7	8.9	9.5	7.9	4.3	3.0
Lemhi	12.2	12.9	14.0	10.8	5.2	9.3	13.3	8.7	4.3	-
Lewis	-	-	-	-	-	8.1	8.5	15.9	7.6	7.8
Lincoln	4.5	4.9	4.5	14.0	13.3	12.4	-	-	-	-
Madison	3.7	3.0	2.4	3.3	3.4	4.4	5.2	5.7	6.6	5.4
Minidoka	8.6	5.4	5.2	9.0	9.0	8.0	2.1	1.0	4.0	6.0
Nez Perce	2.1	3.4	6.3	7.5	7.7	5.6	5.2	3.6	7.4	10.9
Oneida	-	-	6.9	7.1	6.8	-	-	-	-	-
Owyhee	11.8	4.7	4.9	7.2	7.2	4.7	4.7	9.0	12.6	12.1
Payette	7.8	4.5	5.5	9.8	9.7	9.4	5.1	6.0	8.6	8.6
Power	5.4	10.0	7.4	7.1	2.5	2.5	2.6	2.4	4.8	4.8
Shoshone	2.2	4.4	2.2	2.5	-	5.6	5.3	7.6	8.0	10.7
Teton	2.2	4.5	8.9	11.1	8.4	4.0	3.7	5.2	4.8	3.6
Twin Falls	3.6	3.0	4.2	3.3	4.7	5.8	7.4	9.1	8.8	8.9
Valley	3.6	3.7	3.8	-	-	-	3.6	2.9	2.6	-
Washington	6.0	-	-	-	-	-	-	-	-	2.6

¹Rates are deaths to infants under one year of age during three-year period per 1,000 live births in corresponding three-year period.

IDAHO RESIDENT STILLBIRTHS
Number of Stillbirths and Ratios¹
2013-2017

RESIDENCE	2017		2016		2015		2014		2013	
	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio
IDAHO	106	4.8	114	5.1	142	6.2	114	5.0	109	4.9
District 1	7	2.7	15	5.8	14	5.3	12	4.6	11	4.4
District 2	6	5.1	11	9.3	9	7.4	7	5.9	10	8.6
District 3	27	7.0	22	5.7	26	6.6	23	5.7	19	4.9
District 4	20	3.7	17	3.1	36	6.3	20	3.5	16	2.9
District 5	12	4.3	14	5.1	17	6.1	21	7.5	10	3.5
District 6	11	4.7	17	7.2	16	6.3	12	4.7	23	8.9
District 7	23	5.8	18	4.6	24	6.0	19	4.8	20	5.2
Ada	17	3.5	12	2.5	33	6.4	20	3.9	13	2.6
Adams	-	-	-	-	-	-	-	-	-	-
Bannock	3	2.5	9	7.6	7	5.6	8	6.0	9	7.2
Bear Lake	1	12.0	1	12.0	-	-	-	-	1	12.7
Benewah	-	-	1	10.3	3	26.1	1	9.3	-	-
Bingham	4	6.6	3	5.0	7	9.5	3	4.4	7	9.4
Blaine	1	5.3	-	-	2	8.4	1	4.5	1	4.7
Boise	-	-	1	16.4	2	48.8	-	-	-	-
Bonner	2	4.7	3	7.1	-	-	3	7.0	2	5.1
Bonneville	10	5.3	7	3.7	16	8.1	13	6.9	11	6.0
Boundary	-	-	1	8.3	2	14.0	1	7.6	1	7.8
Butte	-	-	-	-	-	-	-	-	1	33.3
Camas	-	-	-	-	-	-	-	-	1	100.0
Canyon	22	7.2	19	6.2	23	7.2	18	5.6	17	5.5
Caribou	1	10.5	-	-	-	-	-	-	-	-
Cassia	2	5.1	2	5.1	5	14.5	3	8.0	3	7.8
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	-	-	1	14.5	-	-	1	17.2	-	-
Custer	-	-	-	-	-	-	1	23.8	1	23.8
Elmore	3	6.4	4	8.5	1	2.3	-	-	2	4.1
Franklin	-	-	2	10.5	-	-	1	5.7	5	24.6
Fremont	-	-	1	5.7	2	11.5	-	-	1	5.6
Gem	1	5.1	1	5.1	-	-	1	5.2	-	-
Gooding	1	5.1	3	15.2	2	9.9	1	5.0	1	4.8
Idaho	1	6.3	2	12.7	1	6.0	2	12.7	2	14.8
Jefferson	3	6.0	1	2.0	2	4.1	1	2.2	3	6.2
Jerome	-	-	2	5.5	1	2.4	3	7.8	-	-
Kootenai	5	2.8	10	5.5	7	3.8	7	3.9	8	4.7
Latah	2	4.4	5	11.1	5	10.7	1	2.2	4	9.2
Lemhi	-	-	-	-	-	-	1	15.4	-	-
Lewis	-	-	1	29.4	-	-	2	57.1	-	-
Lincoln	-	-	-	-	1	11.6	1	16.1	-	-
Madison	10	8.8	9	7.9	4	3.8	3	2.5	4	3.7
Minidoka	1	3.1	1	3.1	2	6.6	4	12.3	1	3.0
Nez Perce	3	6.4	2	4.3	3	6.2	1	2.1	4	8.5
Oneida	1	17.9	-	-	1	18.9	-	-	-	-
Owyhee	-	-	1	7.1	1	6.9	1	7.0	1	8.1
Payette	2	6.4	1	3.2	2	6.8	2	6.5	-	-
Power	1	8.8	2	17.5	1	7.7	-	-	-	-
Shoshone	-	-	-	-	2	12.5	-	-	-	-
Teton	-	-	-	-	-	-	-	-	-	-
Twin Falls	7	5.8	6	4.9	4	3.4	8	6.6	3	2.5
Valley	-	-	-	-	-	-	-	-	1	11.8
Washington	2	18.7	-	-	-	-	1	9.7	1	8.6

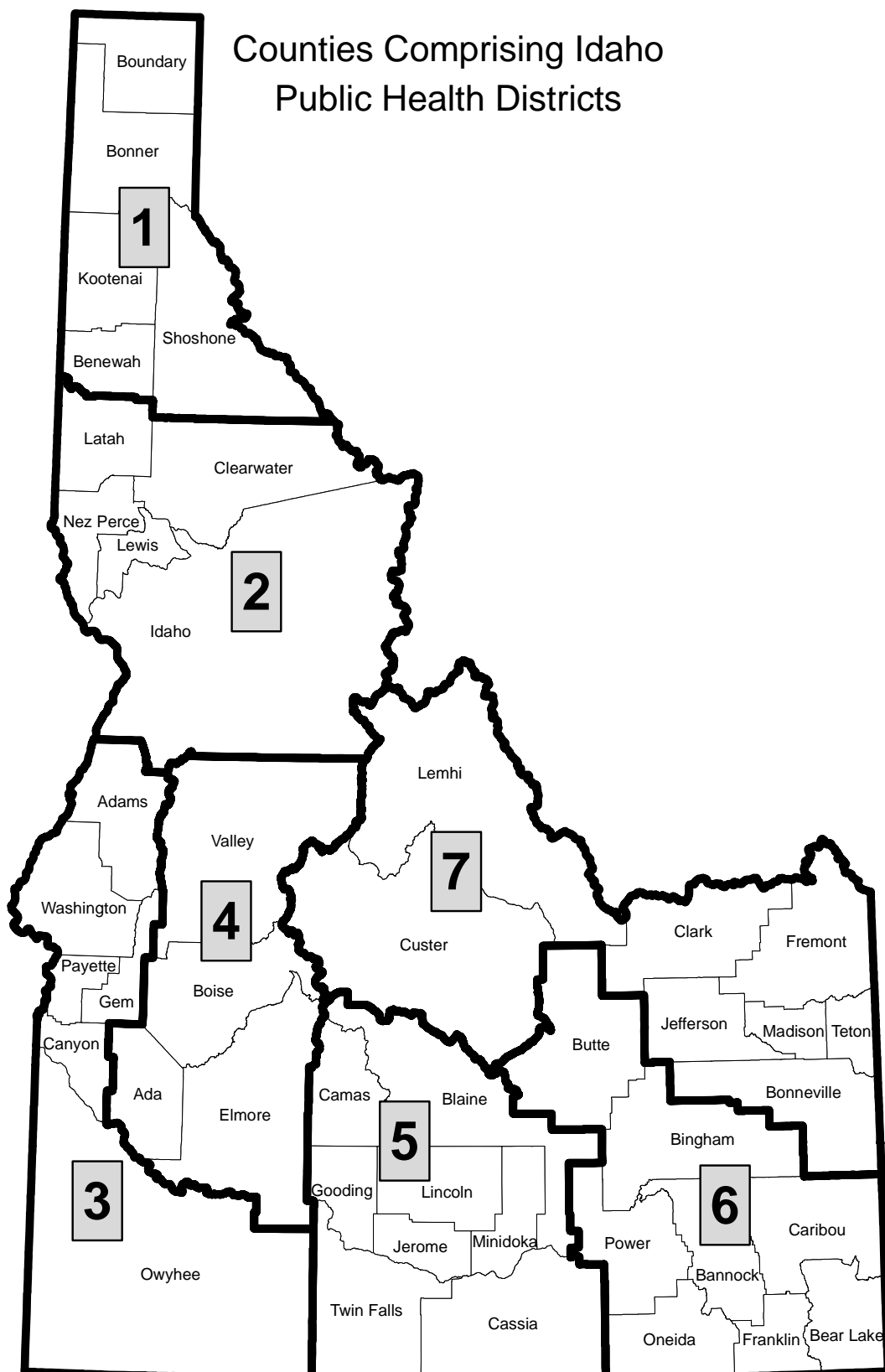
¹Stillbirth ratios are stillbirths per 1,000 live births.

IDAHO RESIDENT PERINATAL MORTALITY
Number of Perinatal Deaths and Ratios¹
2013-2017

RESIDENCE	2017		2016		2015		2014		2013	
	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio
IDAHO	162	7.3	186	8.4	203	8.9	191	8.3	186	8.3
District 1	10	3.9	22	8.5	20	7.5	26	9.9	18	7.3
District 2	8	6.8	14	11.9	14	11.5	10	8.5	14	12.1
District 3	41	10.7	36	9.4	42	10.6	37	9.2	36	9.4
District 4	31	5.7	33	6.0	49	8.6	39	6.8	33	5.9
District 5	20	7.2	24	8.7	23	8.3	32	11.5	21	7.4
District 6	19	8.0	27	11.4	22	8.6	16	6.2	32	12.4
District 7	33	8.4	30	7.6	33	8.3	31	7.8	32	8.3
Ada	26	5.4	28	5.8	45	8.8	38	7.4	28	5.6
Adams	-	-	-	-	-	-	-	-	-	-
Bannock	6	5.0	13	10.9	11	8.7	10	7.6	12	9.6
Bear Lake	1	12.0	1	12.0	-	-	-	-	1	12.7
Benewah	-	-	1	10.3	3	26.1	3	28.0	1	9.4
Bingham	7	11.6	5	8.3	8	10.9	3	4.4	11	14.8
Blaine	1	5.3	-	-	2	8.4	1	4.5	1	4.7
Boise	1	16.4	1	16.4	2	48.8	-	-	-	-
Bonner	5	11.8	5	11.8	3	7.9	7	16.2	3	7.6
Bonneville	13	6.9	14	7.5	22	11.2	22	11.7	17	9.2
Boundary	-	-	1	8.3	2	14.0	2	15.2	1	7.8
Butte	-	-	1	30.3	-	-	-	-	1	33.3
Camas	-	-	-	-	-	-	-	-	1	100.0
Canyon	29	9.5	30	9.8	34	10.7	30	9.3	32	10.4
Caribou	2	21.1	1	10.5	-	-	1	12.0	-	-
Cassia	3	7.7	3	7.7	6	17.4	5	13.4	5	13.1
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	-	-	1	14.5	1	17.9	1	17.2	-	-
Custer	-	-	-	-	-	-	1	23.8	1	23.8
Elmore	4	8.5	4	8.5	2	4.6	1	2.0	4	8.2
Franklin	1	5.2	3	15.7	1	5.1	1	5.7	6	29.6
Fremont	1	5.7	1	5.7	3	17.2	-	-	1	5.6
Gem	2	10.3	2	10.3	2	9.3	3	15.6	-	-
Gooding	1	5.1	4	20.3	3	14.9	2	9.9	1	4.8
Idaho	2	12.7	2	12.7	2	11.9	3	19.0	4	29.6
Jefferson	5	10.1	1	2.0	2	4.1	1	2.2	6	12.4
Jerome	-	-	9	24.7	1	2.4	8	20.8	7	17.1
Kootenai	5	2.8	14	7.7	10	5.4	13	7.2	13	7.6
Latah	2	4.4	8	17.8	7	15.0	2	4.5	4	9.2
Lemhi	1	12.8	-	-	-	-	3	46.2	-	-
Lewis	-	-	1	29.4	-	-	2	57.1	-	-
Lincoln	-	-	-	-	1	11.6	1	16.1	-	-
Madison	13	11.5	13	11.5	6	5.7	4	3.3	6	5.5
Minidoka	5	15.4	2	6.2	2	6.6	4	12.3	2	6.0
Nez Perce	4	8.6	2	4.3	4	8.3	2	4.2	6	12.8
Oneida	1	17.9	-	-	1	18.9	-	-	1	21.3
Owyhee	1	7.1	2	14.2	2	13.8	1	7.0	1	8.1
Payette	5	15.9	2	6.4	4	13.7	2	6.5	2	6.6
Power	1	8.8	3	26.3	1	7.7	1	6.7	-	-
Shoshone	-	-	1	7.0	2	12.5	1	6.7	-	-
Teton	-	-	1	6.8	-	-	-	-	1	6.9
Twin Falls	10	8.2	6	4.9	8	6.8	11	9.1	4	3.3
Valley	-	-	-	-	-	-	-	-	1	11.8
Washington	4	37.4	-	-	-	-	1	9.7	1	8.6

¹Perinatal mortality ratios are stillbirths plus deaths of infants under 7 days of age per 1,000 live births.

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

TECHNICAL NOTES- MORTALITY

Race of Decedent

Idaho was one of the first states to adopt a new death certificate in 2003, which included the addition to select multiple races for the decedent. However, not all states adopted multiple race options in 2003. Beginning in 2003, Idaho Vital Statistics transmitted Idaho death records to the National Center for Health Statistics (NCHS), NCHS re-coded decedents with multiple race categories to single (bridged) race codes, then returned the records to Idaho for analysis. The categories for the bridged race codes are the four categories used by NCHS- White, Black, American Indian or Alaska Native, Asian or Pacific Islander. In addition, Idaho has a fifth category- Other Race.

The bridging procedure is similar to the procedure used to bridge multiracial population estimates. Decedents of multiple race are assigned to a single race using a coding algorithm according to their combination of races, Hispanic origin, sex, and age indicated on the death certificate. The Center for Disease Control's website describes the procedure for converting multiple race categories to a bridged race code (www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm). For Idaho residents who died in Idaho, mortality data by race are based on single race categories and, when multiple races were selected, bridged race codes. For Idaho residents who died out-of-state, mortality data by race are based on single race categories. Bridged race codes were not provided by NCHS to Idaho for out-of-state death certificates with multiple races selected. In 2017, this included four Idaho resident deaths that occurred out-of-state. These residents were classified as Other Race/Multiple Race for data analysis.

Number of Races Listed for Idaho Resident Deaths by Location of Death

Year	Death Occurred in Idaho			Death Occurred Out-of-State		
	Total	Single Race	Multiple Race	Total	Single Race	Multiple Race
2015	12,419	12,367	52	612	608	4
2016	12,748	12,687	61	622	619	3
2017	13,347	13,281	65	660	652	4

Other Race

Prior to 2003, the decedent's race was a write-in response on the Idaho death certificate. Races listed on the certificate were collapsed into five race categories: White, Black, American Indian or Alaska Native, Asian or Pacific Islander, or Other Race. With the change to check boxes on the certificates and the ability to select one or more race, the race category structure was revised. Prior to use of check boxes, if the term "Hispanic" or "Mexican" was written on the certificate as race, then race was coded to White. Beginning in 2003, if the Other Race checkbox was checked and the write-in for Other Race was specified as "Hispanic" or "Mexican", then race was coded to Other Race. Therefore, race data for deaths in 2003 and after are not comparable with race data prior to 2003. Data for White, Non-Hispanic persons are available upon request; these data are comparable for years prior to 2003 to present.

Prior to 2003, few deaths were categorized as Other Race. For example, in 2002, there were four residents' deaths reported as Other Race. Due to the change in the death certificate and the methodology for coding race, the number of records with Other Race was 72 in 2015, 70 in 2016, and 101 in 2017.

Causes of Death Mortality statistics are compiled in accordance with the World Health Organization (WHO) regulations, which specify that member nations, including the U.S., classify and code causes of death in accordance with the International Statistical Classification of Diseases and Related Health Problems. The tenth revision of the International Classification of Diseases (ICD-10) was implemented in the U.S. beginning with deaths occurring in 1999 and replaced the ninth revision of the ICD (ICD-9), which was used from 1979 through 1998. Some changes from ICD-9 to ICD-10 include:

1. ICD-10 is far more detailed, with about 8,000 categories compared with 4,000 categories in ICD-9.
2. ICD-10 uses 4-digit alphanumeric codes, compared to 4-digit numeric codes in ICD-9.
3. Some cause of death titles have been changed, and conditions have been regrouped.
4. Some cause of death coding rules have been changed.

**Mortality Rates
Age-Adjusted
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 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, it is a weighted average of the age-specific death rates, where the weights represent the fixed population proportions by age.

There are two methods for age-adjusting rates: direct and indirect. In this report, Idaho age-adjusted rates were calculated using the direct method:

1. Calculate **age-specific rates** for the 11 age groups used in the 2000 standard million (< 1, 1-4, 5-14, 15-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75-84, and 85 and older):

$$\frac{\text{deaths in age group}}{\text{population of age group}}$$

2. Calculate **expected number of deaths** for each age group:

$$2000 \text{ U.S. standard million population of age group } \times \text{ age-specific rate}$$

3. Calculate **total expected number of deaths**: sum expected deaths for all age groups
4. Calculate **age-adjusted rate per 100,000 persons**:

$\frac{\text{total expected deaths}}{\text{standard million}} \times 100,000$		2000 U.S. Standard Population	
		Age	Population
		Total	1,000,000
		<1	13,818
		1-4	55,317
		5-14	145,565
		15-24	138,646
		25-34	135,573
		35-44	162,613
		45-54	134,834
		55-64	87,247
		65-74	66,037
		75-84	44,842
		85 and older	15,508

Life Expectancy Data used to calculate Idaho life expectancy are based on July 1, 2017 population estimates from the U.S. Census Bureau, age-specific population estimates computed by the Bureau of Vital Records and Health Statistics, and 2016 Idaho resident mortality rates. Average number of years of life remaining (0e_x) is the expectation of life for those who survived to age x.

$${}^0e_x = T_x / l_x$$

T_x is the total time lived beyond age x by all individuals of the life table proportion alive at age x; l_x is the number of persons who survive to the exact age marking the beginning of each age interval. The number alive at age 0 (l_0) is taken arbitrarily as 100,000.

Years of Potential Life Lost (YPLL)

Years of potential life lost (YPLL) is a statistic used to measure the number of years of life lost in a population when persons in that population die prematurely. For this report, a standard of 75 years of age was chosen to calculate YPLL. YPLL provides valuable information regarding the causes of death that contribute most significantly to premature mortality. Persons dying at 75 years of age or older are excluded from the analysis, because they have not lost years of life relative to the standard.

For example, in 2017, Accidents was the fourth-leading cause of death of Idahoans and accounted for 6.3% of all resident deaths. However, Accidents was the leading cause of premature death under age 75 and accounted for 10.5% of all deaths to persons under the age of 75 in 2017. In order to calculate YPLL, a standard must be chosen (e.g., age 75) as a reference point for years of life lost. The number of years of life lost is then calculated for each person dying before the standard age. Assume a standard of 75 years of age is chosen. For calculation purposes, all people are considered half way through the year of their age at death. For example, an infant who dies under one year of age is considered 0.5 years of age at death, and a child who dies at age one-between its first and second birthday- is considered 1.5 years of age, and so forth. Therefore, a person dying at 39 has lost 35.5 years of life relative to the standard (i.e., 75 years – 39.5 years = 35.5 years). To obtain YPLL, the number of years of life lost for each person in the population dying before the standard age is summed.

Alcohol-Induced, Drug-Induced, and Firearm Injury Deaths Deaths attributed to firearm injury, alcohol-induced, and drug-induced causes are subsets of mortality categories used to rank leading causes of death such as accidents, intentional self-harm (suicide), and assault (homicide). Firearm injury, alcohol-induced, and drug-induced deaths are not used to rank leading cause of death.

Alcohol-Induced The list of ICD-10 codes included in alcohol-induced causes was expanded in 2003 to include the ICD-10 codes of E24.4, G72.1, and K86.0 with the codes used prior to 2003: F10, G31.2, G62.1, I42.6, K29.2, K70, R78.0, X45, X65, and Y15. In 2006, the list was expanded again to include ICD-10 code K85.2. Alcohol-induced deaths include mental and behavioral disorders due to alcohol use; degeneration of nervous system due to alcohol; alcoholic polyneuropathy; alcoholic cardiomyopathy; alcoholic gastritis; alcoholic liver disease; alcohol-induced chronic pancreatitis; alcohol-induced acute pancreatitis; findings of alcohol in blood; accidental poisoning by and exposure to alcohol; intentional self-poisoning (suicide) by exposure to alcohol; poisoning by exposure to alcohol; and poisoning by exposure to alcohol, undetermined intent. Alcohol-induced deaths do not include homicides, accidents such as falls and motor vehicle crashes, and other causes indirectly related to alcohol use. This category also excludes newborn deaths associated with maternal alcohol use.

Firearm Injury Firearm injury ICD-10 codes include W32-W34, X72-X74, X93-X95, Y22-Y24, and Y35.0. Firearm injury deaths include deaths due to accidental (unintentional injury), intentional self-harm (suicide), legal intervention, or assault (homicide) via firearm discharge, as well as firearm discharge where the intent could not be determined.

Drug-Induced	In 2003 and 2006, NCHS expanded the list of ICD-10 codes for drug-induced causes to be more comprehensive. Drug-induced ICD-10 codes include: D52.1, D59.0, D59.2, D61.1, D64.2, E06.4, E16.0, E23.1, E24.2, E27.3, E66.1, F11.0-F11.5, F11.7-F11.9, F12.0-F12.5, F12.7-F12.9, F13.0-F13.5, F13.7-F13.9, F14.0-F14.5, F14.7-F14.9, F15.0-F15.5, F15.7-F15.9, F16.0- F16.5, F16.7-F16.9, F17.0, F17.3-F17.5, F17.7-F17.9, F18.0-F18.5, F18.7-F18.9, F19.0-F19.5, F19.7-F19.9, G21.1, G24.0, G25.1, G25.4, G25.6, G44.4, G62.0, G72.0, I95.2, J70.2-J70.4, K85.3, L10.5, L27.0, L27.1, M10.2, M32.0, M80.4, M81.4, M83.5, M87.1, R50.2, R78.1- R78.5, X40-X44, X60-X64, X85, and Y10-Y14. Drug-induced deaths include deaths due to drug psychosis; drug dependence; nondependent use of drugs not including alcohol and tobacco; drug-induced pancreatitis; drug-induced fever; accidental poisoning by drugs, medicaments, and biologicals; suicide by drugs, medicaments, and biologicals; assault from poisoning by drugs and medicaments; and poisoning by drugs, medicaments, and biologicals, undetermined whether accidental or purposely inflicted. Drug-induced deaths do not include accidents, homicides, and other causes indirectly related to drug use. Also excluded are newborn deaths associated with maternal drug use. Types of drugs listed on the death certificate include prescriptions, over-the-counter drugs, and illegal drugs.
Drug overdose	Drug overdose deaths are defined in this report as accidental poisoning by drugs, medicaments, and biologicals; suicide by drugs, medicaments, and biologicals; assault from poisoning by drugs and medicaments; and poisoning by drugs, medicaments, and biologicals, undetermined whether accidental or purposely inflicted. Drug overdose ICD-10 codes are: X40-X44, X60-X64, X85, and Y10-Y14.
Accidental drug overdose	Accidental drug overdose deaths are defined in this report as accidental poisoning by drugs, medicaments, and biologicals. Accidental drug overdose ICD-10 codes are: X40-X44.

Population

Race	<p>The Office of Management and Budget announced revisions to the standards for classification of federal data on race and ethnicity on October 30, 1997. These standards require that agencies offer individuals the opportunity to select one or more races when reporting information on race in federal data collections. The Census in 2000 was the first nationwide implementation of the revised standards.</p> <p>The files released from the U.S. Census Bureau for April 1, 2010 Census contain data for single race categories (including Other Race category) and a Multiple Race category. This presents problems for vital rates from two standpoints. First, the file contains counts of persons with more than one race and therefore is not compatible with states' vital statistics numerators based on single race categories; second, the file contains the Other Race category that is not used to calculate national vital statistics rates. For national vital statistics, Other Race is assigned to one of the four main race categories.</p>
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Standard Race Categories on April 1, 2010 Census for Idaho		
Race	Number	%
Total	1,567,582	100.0%
White	1,396,487	89.1%
Black	9,810	0.6%
American Indian/Alaska Native	21,441	1.4%
Asian	19,069	1.2%
Native Hawaiian/Pacific Islander	2,317	0.1%
Other Race	79,523	5.1%
Multiple Race	38,935	2.5%

NCHS contracted with the Census Bureau to produce a bridged data set in which all multiple race persons are allocated to a single race, to reproduce what these people would have reported had they not had the option to report more than one race. On June 27, 2018, NCHS released state and county population totals for July 1, 2017. These totals are for the four race groups (White, Black, American Indian or Alaska Native, Asian or Pacific Islander) by single year of age, sex, and Hispanic origin.¹

Race Categories for Idaho								
Race	April 1, 2010		July 1, 2015		July 1, 2016		July 1, 2017	
	Number	%	Number	%	Number	%	Number	%
Total	1,567,582	100.0%	1,654,930	100.0%	1,683,140	100.0%	1,716,943	100.0%
White	1,496,784	95.5%	1,570,040	94.9%	1,596,443	94.8%	1,626,437	94.7%
Black	15,104	1.0%	19,519	1.2%	20,021	1.2%	21,230	1.2%
American Indian/ Alaska Native	29,801	1.9%	33,410	2.0%	34,218	2.0%	34,832	2.0%
Asian/Pacific Islander	25,893	1.7%	31,961	1.9%	32,458	1.9%	34,444	2.0%

¹The bridged-race population estimates were produced by the Population Estimates Program of the U.S. Census Bureau in collaboration with the National Center for Health Statistics (NCHS). These estimates were released on June 27, 2018. Available at: http://www.cdc.gov/nchs/nvss/bridged_race/data_documentation.htm

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