

# Mortality 2016



## IDAHO VITAL STATISTICS

### Division of Public Health

November 2017



IDAHO DEPARTMENT OF HEALTH & WELFARE  
**DIVISION OF PUBLIC HEALTH**

## 2016 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](http://www.healthstatistics.dhw.idaho.gov).
- Prepared by** This report was prepared by Briana Coles, MPH, Senior Research Analyst, 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.

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

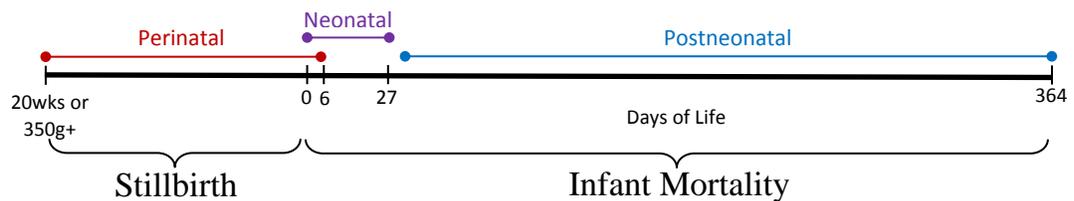
### Maternal Mortality

**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 2015.<sup>1</sup>

For the latest U.S. data please visit:  
<http://www.cdc.gov/nchs/products/nvsr.htm>

<sup>1</sup> "Deaths: Final Data for 2014," National Vital Statistics Reports, National Center for Health Statistics, Vol. 65, No. 4, June 30, 2016.

## 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.

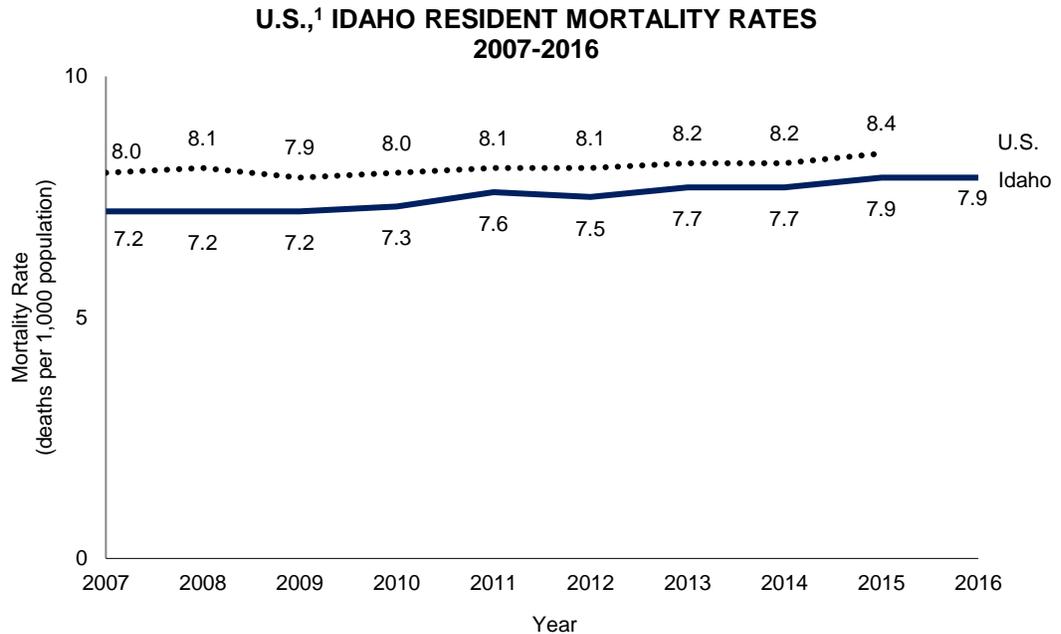
Miscarriages (a spontaneous or accidental death of an unborn infant in utero other than by induced abortion or stillbirth) are also registered at the request of the family when verified by a physician. Statistics are not reported because the registry is voluntary, and not all events are registered with 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 2016 data were the following: birth records- August 8, 2017; stillbirth records- August 9, 2017; death records- June 30, 2017. 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 2.4%, from 8.2 deaths per 1,000 population to 8.4 in 2015 (the last year of available data).<sup>1</sup> In 2015, there were 2,712,630 deaths in the U.S., compared with 2,626,418 in 2014.<sup>1</sup> The crude mortality rate for Idaho residents remained the same from 2015 to 2016, 7.9 deaths per 1,000 population. In 2016, there were 13,370 deaths for Idaho residents, compared with 13,031 in 2015.



## U.S. and Idaho Leading Causes of Mortality

In 2015, the leading cause of mortality in the U.S. was Diseases of heart, followed by Malignant neoplasms (cancer).<sup>1</sup> The top seven ranked leading causes of mortality in the U.S. in 2015 were the same as the leading causes in Idaho in 2016. Intentional self-harm (suicide) was ranked 8<sup>th</sup> in Idaho with an age-adjusted rate (AAR) of 21.4 deaths per 100,000 population in 2016, and was ranked 10<sup>th</sup> in the U.S. in 2015 with an AAR of 13.3.<sup>1</sup> Influenza and pneumonia was ranked 9<sup>th</sup> in Idaho with an AAR of 11.1 deaths per 100,000 population in 2016, and was ranked 8<sup>th</sup> in the U.S. in 2015 with an AAR of 15.2.<sup>1</sup> Chronic liver disease and cirrhosis was ranked 10<sup>th</sup> in Idaho with an AAR of 9.9 deaths per 100,000 population in 2016, and was ranked 12<sup>th</sup> in the U.S. in 2015 with an AAR of 10.8.<sup>1</sup> Nephritis, nephrotic syndrome, nephrosis was ranked 11<sup>th</sup> in Idaho with an AAR of 10.2 deaths per 100,000 population in 2016, and was ranked 9<sup>th</sup> in the U.S. in 2015 with an AAR of 13.4.<sup>1</sup>

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.<sup>1</sup> The U.S. also had a higher AAR for Chronic liver disease and cirrhosis and Diabetes mellitus in 2015 compared with Idaho in 2016.<sup>1</sup> Idaho rates were higher for Chronic lower respiratory disease, Accidents (unintentional injury), Alzheimer’s disease, and Intentional self-harm (suicide) in 2016 compared with the U.S. in 2015. The rates for Cerebrovascular diseases were similar for Idaho in 2016 and the U.S. in 2015.<sup>1</sup>

**U.S. and Idaho  
Leading Causes  
of Mortality**

**Leading Causes of Mortality for Idaho and the U.S.**

Cause of Death	Idaho 2016		U.S. 2015 <sup>1</sup>	
	Rank	Age-Adjusted Mortality Rate	Age-Adjusted Mortality Rate	Rank
Diseases of heart	1	160.2	168.5	1
Malignant neoplasms (cancer)	2	151.2	158.5	2
Chronic lower respiratory diseases	3	45.6	41.6	3
Accidents (unintentional injury)	4	49.5	43.2	4
Cerebrovascular diseases	5	37.0	37.6	5
Alzheimer's disease	6	33.8	29.4	6
Diabetes mellitus	7	20.0	21.3	7
Intentional self-harm (suicide)	8	21.4	13.3	10
Influenza and pneumonia	9	11.1	15.2	8
Chronic liver disease and cirrhosis	10	9.9	10.8	12

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

**Idaho Leading  
Causes of  
Mortality 2015-  
2016**

In 2016, Diseases of heart was the leading cause of mortality and Malignant neoplasms (cancer) was the 2<sup>nd</sup> leading cause of mortality. This is a reversal from 2015. Further, in 2016, Influenza and pneumonia was the 9<sup>th</sup> leading cause of mortality, while Chronic liver diseases and cirrhosis was the 10<sup>th</sup>. In 2015, both were tied for 9<sup>th</sup>.

There were two significant changes in the age-adjusted mortality rates for the ten leading causes of mortality from 2015 to 2016 in Idaho. The age-adjusted rate for Accidents (unintentional injury) increased 11.0%, from 44.6 deaths per 100,000 population in 2015 to 49.5 in 2016. The age-adjusted rate for Chronic liver disease and cirrhosis decreased 18.9%, from 12.2 deaths per 100,000 population in 2015 to 9.9 in 2016.

**Leading Causes of Mortality, 2015 and 2016**

Cause of Death	Age-Adjusted Mortality Rate		Percent Change
	2015	2016	
Accidents (unintentional injury)	44.6	49.5	11.0% ▲*
Alzheimer's disease	31.6	33.8	7.0% ▲
Diseases of heart	156.6	160.2	2.3% ▲
Cerebrovascular diseases	36.5	37.0	1.4% ▲
Malignant neoplasms (cancer)	153.3	151.2	-1.4% ▼
Chronic lower respiratory diseases	46.6	45.6	-2.1% ▼
Intentional self-harm (suicide)	22.3	21.4	-4.0% ▼
Influenza and pneumonia	12.2	11.1	-9.0% ▼
Diabetes mellitus	22.1	20.0	-9.5% ▼
Chronic liver disease and cirrhosis	12.2	9.9	-18.9% ▼*

Age-adjusted mortality rates are deaths per 100,000 population. ▲ Rate increased from 2015 to 2016. ▼ Rate decreased from 2015 to 2016.

\*Significant difference between 2015 and 2016 (p<0.05).

**Idaho Leading Causes of Mortality by Sex**

In 2016, 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 Influenza and pneumonia and for Alzheimer’s disease.

Cause of Death	Age-Adjusted Mortality Rate		Male:Female Rate Ratio	
	Male	Female		
	Diseases of heart	199.3	126.0	1.6
Malignant neoplasms	173.2	133.3	1.3	*
Chronic lower respiratory diseases	49.4	43.2	1.1	
Accidents	63.6	36.0	1.8	*
Cerebrovascular diseases	38.3	35.1	1.1	
Alzheimer's disease	23.3	41.4	0.6	*
Diabetes mellitus	24.1	16.4	1.5	*
Intentional self-harm (suicide)	32.5	10.5	3.1	*
Influenza and pneumonia	9.8	12.0	0.8	
Chronic liver disease and cirrhosis	12.6	7.3	1.7	*

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).

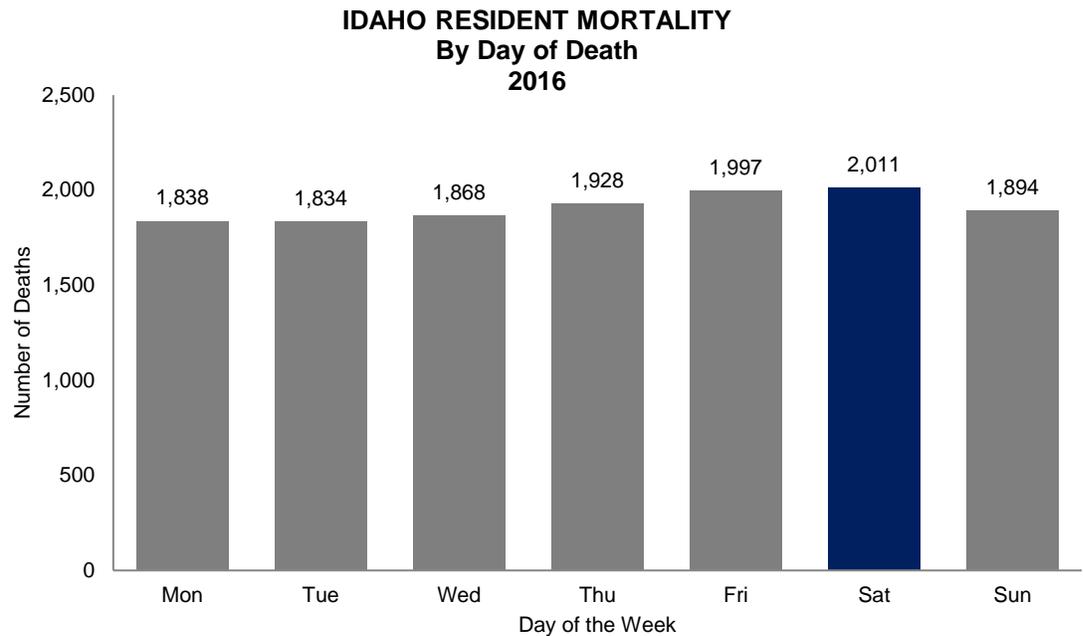
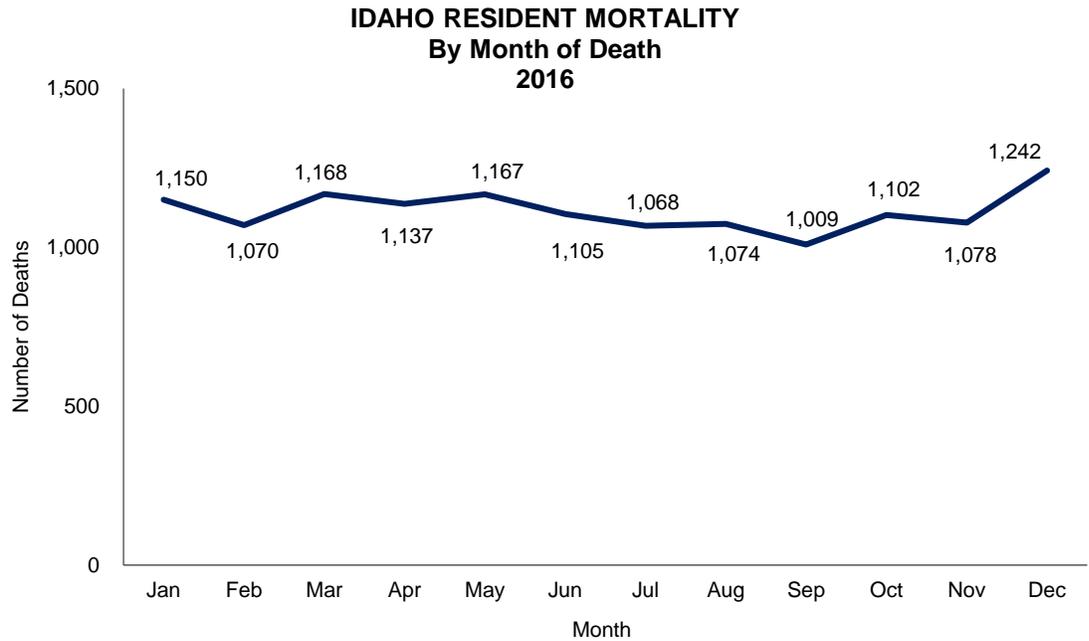
**Idaho Age at Death**

In 2016, the average age at death was 73.4 years of age, compared with 73.7 in 2015.

	Average age at death	Maximum age at death
IDAHO	73.4	111
Sex		
Female	76.2	111
Male	70.9	107
Ethnicity		
Non-Hispanic	73.9	111
Hispanic	60.0	103
Unknown		
Race		
White	73.7	111
Black	56.7	88
American Indian	59.9	95
Asian Pacific Islander	70.1	102
Other/Multiple	-	-
Cause of Death		
Diseases of heart	78.3	105
Malignant neoplasms (cancer)	72.2	102
Chronic lower respiratory diseases	76.5	100
Accidents (unintentional injury)	55.9	103
Cerebrovascular diseases	80.3	102
Alzheimer's disease	86.2	104
Diabetes mellitus	72.1	101
Intentional self-harm (suicide)	46.8	101
Influenza and pneumonia	79.1	111
Chronic liver disease and cirrhosis	60.3	93

**Idaho Month and Day of Death**

December had the most deaths compared with the other months (1,242). On the other hand, September had the fewest deaths compared with the other months (1,009).



**Out-of-State Resident Deaths**

In 2016, 553 out-of-state residents died in Idaho. Most of these deaths were residents from neighboring states. There were 196 Washington, 124 Oregon, 36 California, 34 Utah, 30 Wyoming, 26 Nevada, and 22 Montana residents, as well as 85 residents from another state, another country, or where the residence was unknown.

<sup>1</sup> Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2015 on CDC WONDER Online Database, released December, 2016.

**IDAHO RESIDENT MORTALITY**  
**Number of Deaths and Rates**  
**2012-2016**

RESIDENCE	2016		2015		2014		2013		2012	
	Number	Rate								
U.S. <sup>1</sup>	NA		8.4		8.2		8.2		8.1	
IDAHO	13,370	7.9	13,031	7.9	12,610	7.7	12,426	7.7	11,993	7.5
District 1	2,268	9.9	2,181	9.7	2,172	9.8	2,030	9.3	2,058	9.6
District 2	1,111	10.3	1,052	9.8	1,054	9.8	1,106	10.4	1,030	9.7
District 3	2,153	7.8	2,165	7.9	1,977	7.4	2,054	7.8	1,939	7.5
District 4	3,338	6.8	3,230	6.8	3,017	6.4	2,981	6.5	2,781	6.2
District 5	1,595	8.2	1,572	8.2	1,582	8.3	1,556	8.2	1,467	7.8
District 6	1,456	8.5	1,367	8.1	1,444	8.6	1,351	8.0	1,401	8.3
District 7	1,449	6.7	1,464	6.9	1,364	6.5	1,348	6.5	1,317	6.4
Ada	2,987	6.7	2,892	6.7	2,736	6.4	2,660	6.4	2,526	6.2
Adams	40	10.3	34	8.8	37	9.6	36	9.4	32	8.2
Bannock	716	8.5	676	8.1	707	8.5	676	8.1	696	8.3
Bear Lake	58	9.8	46	7.8	74	12.4	69	11.6	66	11.2
Benewah	132	14.5	141	15.6	130	14.3	120	13.3	106	11.6
Bingham	396	8.8	369	8.2	345	7.6	325	7.2	324	7.1
Blaine	109	5.0	112	5.2	120	5.6	84	3.9	88	4.2
Boise	54	7.6	51	7.2	45	6.6	66	9.7	43	6.3
Bonner	445	10.5	442	10.6	418	10.1	383	9.4	386	9.5
Bonneville	875	7.8	817	7.4	792	7.3	832	7.7	779	7.3
Boundary	113	9.7	101	8.9	121	11.0	102	9.4	105	9.7
Butte	25	10.0	25	10.0	31	11.8	23	8.7	32	11.7
Camas	7	6.5	4	3.8	5	4.8	6	5.8	8	7.4
Canyon	1,498	7.1	1,477	7.1	1,325	6.5	1,395	7.0	1,329	6.9
Caribou	62	9.0	59	8.7	57	8.3	57	8.4	88	13.0
Cassia	185	7.9	214	9.1	191	8.1	184	7.9	190	8.2
Clark	6	7.0	7	8.0	10	11.5	6	6.9	12	13.8
Clearwater	116	13.7	114	13.4	96	11.2	100	11.7	110	12.8
Custer	41	10.0	49	12.0	46	11.1	34	8.0	35	8.1
Elmore	211	8.1	193	7.5	172	6.6	192	7.3	155	5.9
Franklin	96	7.2	87	6.7	104	8.0	103	8.0	101	7.9
Fremont	104	8.0	126	9.8	96	7.5	102	7.9	96	7.4
Gem	213	12.4	208	12.3	212	12.6	205	12.3	178	10.7
Gooding	154	10.1	124	8.1	147	9.8	140	9.3	145	9.5
Idaho	194	12.0	184	11.3	205	12.6	198	12.3	170	10.4
Jefferson	174	6.3	171	6.3	138	5.1	151	5.6	132	4.9
Jerome	190	8.3	156	6.8	186	8.2	164	7.3	159	7.1
Kootenai	1,387	9.0	1,330	8.8	1,315	8.9	1,251	8.7	1,262	8.9
Latah	243	6.2	206	5.3	227	5.9	234	6.1	215	5.6
Lemhi	90	11.7	115	14.9	117	15.1	74	9.6	99	12.8
Lewis	45	11.7	35	9.2	42	10.9	44	11.3	39	10.0
Lincoln	32	6.1	41	7.7	29	5.5	51	9.6	40	7.6
Madison	113	2.9	137	3.6	126	3.3	112	3.0	132	3.5
Minidoka	153	7.4	171	8.4	160	7.9	186	9.2	172	8.6
Nez Perce	513	12.7	513	12.8	484	12.1	530	13.3	496	12.5
Oneida	33	7.6	42	9.8	49	11.7	34	8.0	36	8.5
Owyhee	97	8.5	100	8.8	84	7.4	88	7.7	94	8.2
Payette	200	8.7	228	10.0	204	8.9	193	8.5	193	8.5
Power	70	9.1	63	8.2	77	10.1	64	8.3	58	7.5
Shoshone	191	15.3	167	13.4	188	15.2	174	13.7	199	15.7
Teton	46	4.2	42	4.0	39	3.8	37	3.6	32	3.2
Twin Falls	765	9.2	750	9.1	744	9.2	741	9.3	665	8.5
Valley	86	8.2	94	9.3	64	6.5	63	6.6	57	6.0
Washington	105	10.3	118	11.8	115	11.5	137	13.8	113	11.2

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

<sup>1</sup>Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2015 on CDC WONDER Online Database, released December, 2016.

**IDAHO RESIDENT MORTALITY**  
**Age at Death**  
**2016**

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	13,370	137	25	49	155	233	356	692	1,686	2,445	3,433	4,159
District 1	2,268	14	6	4	19	24	45	93	281	451	629	702
District 2	1,111	7	3	2	7	15	18	43	152	195	300	369
District 3	2,153	24	4	7	25	36	59	127	270	405	578	618
District 4	3,338	25	3	11	47	73	80	195	423	596	740	1,145
District 5	1,595	24	3	9	23	30	52	86	195	264	432	477
District 6	1,456	20	3	8	17	32	55	82	177	273	368	421
District 7	1,449	23	3	8	17	23	47	66	188	261	386	427
Ada	2,987	24	3	11	41	61	74	173	372	515	656	1,057
Adams	40	-	-	-	-	-	1	1	7	8	15	8
Bannock	716	8	-	2	8	16	24	45	97	133	181	202
Bear Lake	58	-	-	-	-	2	2	1	5	10	19	19
Benewah	132	-	-	-	-	5	1	7	15	32	36	36
Bingham	396	7	1	4	5	7	19	21	41	82	102	107
Blaine	109	1	-	-	2	-	3	7	15	22	23	36
Boise	54	-	-	-	-	-	1	5	10	11	11	16
Bonner	445	2	1	-	6	3	7	14	61	93	119	139
Bonneville	875	16	2	4	10	13	28	41	110	159	229	263
Boundary	113	-	1	-	-	3	2	3	13	28	28	35
Butte	25	1	-	-	-	-	3	-	2	5	7	7
Camas	7	-	-	-	-	1	-	-	1	-	5	-
Canyon	1,498	20	2	3	14	23	42	97	200	288	380	429
Caribou	62	1	-	-	1	1	2	3	7	14	15	18
Cassia	185	6	1	2	2	6	8	7	27	33	44	49
Clark	6	-	-	-	-	1	1	-	-	1	2	1
Clearwater	116	3	-	-	2	2	2	5	13	23	35	31
Custer	41	-	-	-	-	-	-	3	4	11	15	8
Elmore	211	1	-	-	4	10	3	13	30	50	50	50
Franklin	96	1	2	1	3	2	4	2	11	12	20	38
Fremont	104	-	-	1	1	-	5	4	10	13	36	34
Gem	213	2	1	1	2	4	3	6	19	40	71	64
Gooding	154	6	-	1	1	8	4	9	16	25	44	40
Idaho	194	-	-	2	1	3	4	7	28	40	60	49
Jefferson	174	2	1	2	4	2	5	7	29	30	47	45
Jerome	190	9	-	1	4	1	8	9	25	24	62	47
Kootenai	1,387	11	4	4	13	12	29	61	159	261	392	441
Latah	243	4	1	-	2	3	5	12	37	39	65	75
Lemhi	90	-	-	-	-	2	4	5	10	24	24	21
Lewis	45	-	-	-	-	-	-	2	12	8	13	10
Lincoln	32	-	-	-	-	-	1	3	5	5	8	10
Madison	113	4	-	1	2	2	2	3	17	19	23	40
Minidoka	153	1	-	2	2	2	3	12	14	28	39	50
Nez Perce	513	-	2	-	2	7	7	17	62	85	127	204
Oneida	33	-	-	1	-	-	-	3	3	6	11	9
Owyhee	97	1	1	1	4	3	5	11	12	14	25	20
Payette	200	1	-	1	5	5	8	8	21	38	58	55
Power	70	2	-	-	-	4	1	7	11	11	13	21
Shoshone	191	1	-	-	-	1	6	8	33	37	54	51
Teton	46	1	-	-	-	3	2	3	8	4	10	15
Twin Falls	765	1	2	3	12	12	25	39	92	127	207	245
Valley	86	-	-	-	2	2	2	4	11	20	23	22
Washington	105	-	-	1	-	1	-	4	11	17	29	42

**IDAHO RESIDENT MORTALITY**  
**Sex, Race and Ethnicity<sup>1</sup>**  
**2016**

RESIDENCE	TOTAL DEATHS	SEX		RACE					ETHNICITY		
		Male	Female	White	Black	American Indian/ Alaska Native	Asian/ Pacific Islander	Other Race/ Multiple Race	Non-Hispanic	Hispanic	Not Stated
IDAHO	13,370	6,938	6,432	13,023	37	143	94	73	12,917	450	3
District 1	2,268	1,211	1,057	2,229	2	24	6	7	2,246	21	1
District 2	1,111	569	542	1,079	1	24	6	1	1,107	4	-
District 3	2,153	1,113	1,040	2,112	4	16	13	8	2,000	153	-
District 4	3,338	1,664	1,674	3,241	21	11	40	25	3,253	83	2
District 5	1,595	852	743	1,555	2	6	10	22	1,499	96	-
District 6	1,456	795	661	1,378	5	56	12	5	1,404	52	-
District 7	1,449	734	715	1,429	2	6	7	5	1,408	41	-
Ada	2,987	1,475	1,512	2,909	17	10	34	17	2,915	70	2
Adams	40	24	16	40	-	-	-	-	40	-	-
Bannock	716	394	322	669	5	32	6	4	696	20	-
Bear Lake	58	37	21	58	-	-	-	-	58	-	-
Benewah	132	73	59	120	-	11	-	1	131	1	-
Bingham	396	209	187	369	-	23	4	-	372	24	-
Blaine	109	61	48	106	-	1	-	2	104	5	-
Boise	54	28	26	54	-	-	-	-	54	-	-
Bonner	445	230	215	440	-	3	-	2	442	3	-
Bonneville	875	423	452	861	2	3	5	4	845	30	-
Boundary	113	63	50	110	1	1	1	-	113	-	-
Butte	25	12	13	24	-	-	-	1	24	1	-
Camas	7	5	2	7	-	-	-	-	7	-	-
Canyon	1,498	764	734	1,469	4	8	10	7	1,369	129	-
Caribou	62	35	27	60	-	-	2	-	60	2	-
Cassia	185	107	78	179	1	2	1	2	166	19	-
Clark	6	4	2	5	-	-	-	1	5	1	-
Clearwater	116	66	50	115	-	-	-	1	115	1	-
Custer	41	27	14	41	-	-	-	-	41	-	-
Elmore	211	120	91	192	4	1	6	8	198	13	-
Franklin	96	45	51	96	-	-	-	-	96	-	-
Fremont	104	55	49	104	-	-	-	-	103	1	-
Gem	213	112	101	213	-	-	-	-	206	7	-
Gooding	154	87	67	148	-	-	-	6	143	11	-
Idaho	194	112	82	192	-	1	1	-	193	1	-
Jefferson	174	95	79	171	-	3	-	-	167	7	-
Jerome	190	91	99	187	-	-	1	2	173	17	-
Kootenai	1,387	737	650	1,369	1	9	5	3	1,369	17	1
Latah	243	118	125	239	-	2	2	-	242	1	-
Lemhi	90	52	38	90	-	-	-	-	90	-	-
Lewis	45	25	20	41	-	4	-	-	45	-	-
Lincoln	32	13	19	31	-	-	-	1	31	1	-
Madison	113	51	62	111	-	-	2	-	111	2	-
Minidoka	153	85	68	148	-	-	2	3	130	23	-
Nez Perce	513	248	265	492	1	17	3	-	512	1	-
Oneida	33	23	10	33	-	-	-	-	33	-	-
Owyhee	97	52	45	89	-	7	-	1	92	5	-
Payette	200	100	100	197	-	1	2	-	193	7	-
Power	70	40	30	69	-	1	-	-	65	5	-
Shoshone	191	108	83	190	-	-	-	1	191	-	-
Teton	46	27	19	46	-	-	-	-	46	-	-
Twin Falls	765	403	362	749	1	3	6	6	745	20	-
Valley	86	41	45	86	-	-	-	-	86	-	-
Washington	105	61	44	104	-	-	1	-	100	5	-

<sup>1</sup>Race 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 Rates<sup>1</sup>**  
**2016 Idaho and 2015 U.S.**

RANK FOR IDAHO AND CAUSE OF DEATH	Deaths		Crude Rate		Age-Adjusted Rate	
	Number	Percent	Idaho <sup>2</sup>	U.S. <sup>3</sup>	Idaho <sup>2</sup>	U.S. <sup>3</sup>
TOTAL	13,370	100.0%	794.3	844.0	725.2	733.1
1. Diseases of heart	2,974	22.2%	176.7	197.2	160.2	168.5
2. Malignant neoplasms (cancer)	2,890	21.6%	171.7	185.4	151.2	158.5
3. Chronic lower respiratory diseases	864	6.5%	51.3	48.2	45.6	41.6
4. Accidents (unintentional injury)	847	6.3%	50.3	45.6	49.5	43.2
5. Cerebrovascular diseases	679	5.1%	40.3	43.7	37.0	37.6
6. Alzheimer's disease	606	4.5%	36.0	34.4	33.8	29.4
7. Diabetes mellitus	379	2.8%	22.5	24.7	20.0	21.3
8. Intentional self-harm (suicide)	351	2.6%	20.9	13.7	21.4	13.3
9. Influenza and pneumonia	204	1.5%	12.1	17.8	11.1	15.2
10. Chronic liver disease and cirrhosis	190	1.4%	11.3	12.5	9.9	10.8
11. Nephritis, nephrotic syndrome, nephrosis	188	1.4%	11.2	15.5	10.2	13.4
12. Parkinson's disease	166	1.2%	9.9	8.7	9.3	7.7
13. Essential hypertension & hypertensive renal disease	106	0.8%	6.3	10.0	5.8	8.5
14. Septicemia	100	0.7%	5.9	12.7	5.4	11.0
15. Pneumonitis due to solids and liquids	98	0.7%	5.8	6.2	5.3	5.3
All other causes	2,728	20.4%	NA	NA	NA	NA

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

<sup>1</sup>Age-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.

<sup>2</sup>Idaho rates are based on the July 1, 2016 population estimates.

<sup>3</sup>Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2015 on CDC WONDER Online Database, released December, 2016.

**IDAHO RESIDENT MORTALITY**  
**Leading Causes of Mortality by Sex**  
**Cause-Specific Crude and Age-Adjusted Rates<sup>1</sup>**  
**2016 Idaho and 2015 U.S.**

MALES						
RANK FOR IDAHO AND CAUSE OF DEATH	Deaths		Crude Rate		Age-Adjusted Rate	
	Number	Percent	Idaho <sup>2</sup>	U.S. <sup>3</sup>	Idaho <sup>2</sup>	U.S. <sup>3</sup>
TOTAL	6,938	100.0%	822.5	868.0	826.2	863.2
1. Diseases of heart	1,652	23.8%	195.8	211.7	199.3	211.8
2. Malignant neoplasms (cancer)	1,533	22.1%	181.7	198.3	173.2	189.2
3. Accidents (unintentional injury)	519	7.5%	61.5	58.7	63.6	58.7
4. Chronic lower respiratory diseases	418	6.0%	49.6	45.8	49.4	46.0
5. Cerebrovascular diseases	314	4.5%	37.2	36.8	38.3	37.8
6. Intentional self-harm (suicide)	268	3.9%	31.8	21.5	32.5	21.1
7. Diabetes mellitus	210	3.0%	24.9	27.3	24.1	26.2
8. Alzheimer's disease	174	2.5%	20.6	21.3	23.3	23.7
9. Chronic liver disease and cirrhosis	122	1.8%	14.5	16.2	12.6	14.5
10. Parkinson's disease	103	1.5%	12.2	10.7	13.2	11.6
11. Nephritis, nephrotic syndrome, nephrosis	99	1.4%	11.7	16.1	11.8	16.3
12. Influenza and pneumonia	80	1.2%	9.5	17.0	9.8	17.7
13. Pneumonitis due to solids and liquids	52	0.7%	6.2	6.9	6.7	7.3
14. Septicemia	48	0.7%	5.7	12.3	5.7	12.1
15. Essential hypertension & hypertensive renal disease	46	0.7%	5.5	8.8	5.7	8.8
All other causes	1,300	18.7%	NA	NA	NA	NA

FEMALES						
RANK FOR IDAHO AND CAUSE OF DEATH	Deaths		Crude Rate		Age-Adjusted Rate	
	Number	Percent	Idaho <sup>2</sup>	U.S. <sup>3</sup>	Idaho <sup>2</sup>	U.S. <sup>3</sup>
TOTAL	6,432	100.0%	766.1	820.7	633.3	624.2
1. Malignant neoplasms (cancer)	1,357	21.1%	161.6	172.9	133.3	135.9
2. Diseases of heart	1,322	20.6%	157.5	183.1	126.0	133.6
3. Chronic lower respiratory diseases	446	6.9%	53.1	50.6	43.2	38.6
4. Alzheimer's disease	432	6.7%	51.5	47.1	41.4	32.8
5. Cerebrovascular diseases	365	5.7%	43.5	50.3	35.1	36.9
6. Accidents (unintentional injury)	328	5.1%	39.1	32.9	36.0	28.7
7. Diabetes mellitus	169	2.6%	20.1	22.3	16.4	17.3
8. Influenza and pneumonia	124	1.9%	14.8	18.5	12.0	13.5
9. Nephritis, nephrotic syndrome, nephrosis	89	1.4%	10.6	15.0	8.7	11.3
10. Intentional self-harm (suicide)	83	1.3%	9.9	6.2	10.5	6.0
11. Chronic liver disease and cirrhosis	68	1.1%	8.1	9.0	7.3	7.6
12. Parkinson's disease	63	1.0%	7.5	6.8	6.4	5.1
13. Essential hypertension & hypertensive renal disease	60	0.9%	7.1	11.2	5.7	8.1
14. Septicemia	52	0.8%	6.2	13.1	5.1	10.1
15. Pneumonitis due to solids and liquids	46	0.7%	5.5	5.4	4.5	4.0
All other causes	1,429	22.2%	NA	NA	NA	NA

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

<sup>1</sup>Age-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.

<sup>2</sup>Idaho rates are based on the July 1, 2016 population estimates.

<sup>3</sup>Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2015 on CDC WONDER Online Database, released December, 2016.

**IDAHO RESIDENT MORTALITY**  
**Ten Leading Causes of Mortality<sup>1</sup> by Age Group and Number of Deaths**  
**2016**

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 34	Accidents (unintentional injury) 10	Accidents (unintentional injury) 20	Accidents (unintentional injury) 73	Accidents (unintentional injury) 100	Accidents (unintentional injury) 99	Malignant neoplasms (cancer) 159	Malignant neoplasms (cancer) 523	Malignant neoplasms (cancer) 786	Malignant neoplasms (cancer) 851	Diseases of heart 1,223	Diseases of heart 2,974
2	Short gestation/low birth weight 16	Congenital malformations 5	Malignant neoplasms (cancer) 9	Intentional self-harm (suicide) 53	Intentional self-harm (suicide) 33	Intentional self-harm (suicide) 68	Diseases of heart 112	Diseases of heart 315	Diseases of heart 515	Diseases of heart 741	Malignant neoplasms (cancer) 495	Malignant neoplasms (cancer) 2,890
3	(Tie) Maternal complications of pregnancy; Sudden infant death syndrome 13		Diseases of heart 4	(Tie) Assault (homicide); Malignant neoplasms (cancer) 4	Malignant neoplasms (cancer) 19	Diseases of heart 44	Accidents (unintentional injury) 98	Accidents (unintentional injury) 118	Chronic lower respiratory diseases 219	Chronic lower respiratory diseases 307	Alzheimer's disease 382	Chronic lower respiratory diseases 864
4					Diseases of heart 12	Malignant neoplasms (cancer) 42	Intentional self-harm (suicide) 79	Chronic lower respiratory diseases 111	Cerebrovascular diseases 97	Cerebrovascular diseases 204	Cerebrovascular diseases 298	Accidents (unintentional injury) 847
5	Hydrops fetalis 6				Assault (homicide) 8	Chronic liver disease and cirrhosis 12	Chronic liver disease and cirrhosis 36	Diabetes mellitus 66	Diabetes mellitus 90	Alzheimer's disease 180	Chronic lower respiratory diseases 207	Cerebrovascular diseases 679
6	(Tie) Accidents (unintentional injury); Complications of placenta, cord, membranes 5				(Tie) Chronic liver disease and cirrhosis; Diabetes mellitus 6	(Tie) Assault (homicide); Cerebrovascular diseases 8	Diabetes mellitus 27	Chronic liver disease and cirrhosis 63	Accidents (unintentional injury) 72	Diabetes mellitus 101	Accidents (unintentional injury) 153	Alzheimer's disease 606
7							Chronic lower respiratory diseases 16	Cerebrovascular diseases 57	Chronic liver disease and cirrhosis 51	Accidents (unintentional injury) 99	Influenza and pneumonia 88	Diabetes mellitus 379
8					Pregnancy, childbirth, and the puerperium 4	Diabetes mellitus 4	Cerebrovascular diseases 13	Intentional self-harm (suicide) 45	Intentional self-harm (suicide) 47	Parkinson's disease 75	Diabetes mellitus 82	Intentional self-harm (suicide) 351
9							Influenza and pneumonia 10	Influenza and pneumonia 20	Nephritis 36	Nephritis 59	Parkinson's disease 67	Influenza and pneumonia 204
10							Nephritis 9	Nephritis 19	Alzheimer's disease 34	Influenza and pneumonia 53	Nephritis 64	Chronic liver disease and cirrhosis 190
Residual <sup>2</sup>	45	10	16	21	45	71	133	349	498	763	1,100	3,386
Total	137	25	49	155	233	356	692	1,686	2,445	3,433	4,159	13,370

Nephritis is a shorted ICD-10 title for 'Nephritis, nephrotic syndrome, nephrosis'; Hydrops fetalis is short for 'Hydrops fetalis not due to hemolytic disease'; Congenital malformations is short for "Congenital malformations, deformations, and chromosomal abnormalities.'

<sup>1</sup>Data are shown for causes with 4 or more deaths for given age group. <sup>2</sup>Total 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 Mortality<sup>1</sup> by Age Group and Number of Deaths**  
**2016**

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 15	Accidents (unintentional injury) 8	Accidents (unintentional injury) 8	Accidents (unintentional injury) 54	Accidents (unintentional injury) 73	Accidents (unintentional injury) 68	Diseases of heart 82	Malignant neoplasms (cancer) 265	Malignant neoplasms (cancer) 436	Malignant neoplasms (cancer) 501	Diseases of heart 519	Diseases of heart 1,652
2	(Tie) Short gestation/low birth weight; Sudden infant death syndrome 10		Malignant neoplasms (cancer) 5	Intentional self-harm (suicide) 42	Intentional self-harm (suicide) 25	Intentional self-harm (suicide) 45	Malignant neoplasms (cancer) 72	Diseases of heart 219	Diseases of heart 343	Diseases of heart 444	Malignant neoplasms (cancer) 230	Malignant neoplasms (cancer) 1,533
3						Malignant neoplasms (cancer) 9	Diseases of heart 33	(Tie) Accidents (unintentional injury); 61	Accidents (unintentional injury) 75	Chronic lower respiratory diseases 102	Chronic lower respiratory diseases 156	Chronic lower respiratory diseases 101
4	Maternal complications of pregnancy 7				(Tie) Assault (homicide); Diseases of heart 8	Malignant neoplasms (cancer) 13	Intentional self-harm (suicide) 61	Chronic lower respiratory diseases 50	Cerebrovascular diseases 56	Cerebrovascular diseases 105	Alzheimer's disease 100	Chronic lower respiratory diseases 418
5	Hydrops fetalis 4					(Tie) Assault (homicide); Chronic liver disease and cirrhosis 7	Chronic liver disease and cirrhosis 21	Chronic liver disease and cirrhosis 43	Diabetes mellitus 52	Diabetes mellitus 60	Cerebrovascular diseases 99	Cerebrovascular diseases 314
6					Chronic liver disease and cirrhosis 4		Diabetes mellitus 17	Cerebrovascular diseases 39	Accidents (unintentional injury) 46	Alzheimer's disease 56	Accidents (unintentional injury) 70	Intentional self-harm (suicide) 268
7						Cerebrovascular diseases 5	Cerebrovascular diseases 8	Diabetes mellitus 38	Intentional self-harm (suicide) 40	Accidents (unintentional injury) 54	Parkinson's disease 40	Diabetes mellitus 210
8							Chronic lower respiratory diseases 7	Intentional self-harm (suicide) 32	Chronic liver disease and cirrhosis 38	Parkinson's disease 44	Diabetes mellitus 36	Alzheimer's disease 174
9							(Tie) Nephritis; Septicemia 5	Nephritis 13	Nephritis 21	Nephritis 33	(Tie) Influenza and pneumonia; Nephritis 26	Chronic liver disease and cirrhosis 122
10								Influenza and pneumonia 11	Parkinson's disease 18	Influenza and pneumonia 25		Parkinson's disease 103
Residual <sup>2</sup>	29	8	11	17	28	39	75	191	281	373	417	1,625
Total	75	16	24	113	155	217	414	976	1,433	1,851	1,664	6,938

Nephritis is a shorted ICD-10 title for 'Nephritis, nephrotic syndrome, nephrosis'; Hydrops fetalis is short for 'Hydrops fetalis not due to hemolytic disease'; Congenital malformations is short for 'Congenital malformations, deformations, and chromosomal abnormalities.'

<sup>1</sup>Data are shown for causes with 4 or more deaths for given age group. <sup>2</sup>Total 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 Mortality<sup>1</sup> by Age Group and Number of Deaths**  
**2016**

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 19		Accidents (unintentional injury) 12	Accidents (unintentional injury) 19	Accidents (unintentional injury) 27	Accidents (unintentional injury) 31	Malignant neoplasms (cancer) 87	Malignant neoplasms (cancer) 258	Malignant neoplasms (cancer) 350	Malignant neoplasms (cancer) 350	Diseases of heart 704	Malignant neoplasms (cancer) 1,357
2	(Tie) Short gestation/low birth weight; Maternal complications of pregnancy 6		(Tie) Diseases of heart; Malignant neoplasms (cancer) 4	Intentional self-harm (suicide) 11	Malignant neoplasms (cancer) 10	Malignant neoplasms (cancer) 29	Accidents (unintentional injury) 37	Diseases of heart 96	Diseases of heart 172	Diseases of heart 297	Alzheimer's disease 282	Diseases of heart 1,322
3				Intentional self-harm (suicide) 8	Intentional self-harm (suicide) 23	Diseases of heart 30	Chronic lower respiratory diseases 61	Chronic lower respiratory diseases 117	Chronic lower respiratory diseases 151	Malignant neoplasms (cancer) 265	Chronic lower respiratory diseases 446	
4				(Tie) Diabetes mellitus; Diseases of heart; Pregnancy, childbirth, and the puerperium 4	Diseases of heart 11	Intentional self-harm (suicide) 18	Accidents (unintentional injury) 43	Cerebrovascular diseases 41	Alzheimer's disease 124	Cerebrovascular diseases 199	Alzheimer's disease 432	
5					Chronic liver disease and cirrhosis 5	Chronic liver disease and cirrhosis 15	Diabetes mellitus 28	Diabetes mellitus 38	Cerebrovascular diseases 99	Chronic lower respiratory diseases 106	Cerebrovascular diseases 365	
6					Diabetes mellitus 10	Chronic liver disease and cirrhosis 20	Accidents (unintentional injury) 26	Accidents (unintentional injury) 45	Accidents (unintentional injury) 83	Accidents (unintentional injury) 328		
7						Chronic lower respiratory diseases 9	Cerebrovascular diseases 18	Alzheimer's disease 19	Diabetes mellitus 41	Influenza and pneumonia 62	Diabetes mellitus 169	
8						Influenza and pneumonia 7	Intentional self-harm (suicide) 13	Influenza and pneumonia 16	Parkinson's disease 31	Diabetes mellitus 46	Influenza and pneumonia 124	
9						Cerebrovascular diseases 5	Septicemia 10	Nephritis 15	Influenza and pneumonia 28	Nephritis 38	Nephritis 89	
10						Nephritis 4	Influenza and pneumonia 9	Chronic liver disease and cirrhosis 13	Nephritis 26	Essential hypertension 35	Intentional self-harm (suicide) 83	
Residual <sup>2</sup>	31	9	5	12	21	40	56	154	205	390	675	1,717
Total	62	9	25	42	78	139	278	710	1,012	1,582	2,495	6,432

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.'

<sup>1</sup>Data are shown for causes with 4 or more deaths for given age group. <sup>2</sup>Total 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 Death<sup>1</sup>**  
**Total and by Sex**  
**2016**

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 <sup>2</sup>	Average Number of YPLL per Death
<b>TOTAL</b>	<b>5,778</b>	<b>100.0%</b>	<b>99,343</b>	<b>6,280</b>	<b>17.2</b>
1. Accidents (unintentional injury)	595	10.3%	18,826	1,190	31.6
2. Malignant neoplasms (cancer)	1,544	26.7%	18,430	1,165	11.9
3. Diseases of heart	1,010	17.5%	12,526	792	12.4
4. Intentional self-harm (suicide)	328	5.7%	9,886	625	30.1
5. Certain conditions originating in perinatal period	57	1.0%	4,247	268	74.5
6. Congenital malformations, deformations and chromosomal abnormalities	61	1.1%	3,576	226	58.6
7. Chronic lower respiratory diseases	350	6.1%	3,070	194	8.8
8. Chronic liver disease and cirrhosis	169	2.9%	2,812	178	16.6
9. Diabetes mellitus	196	3.4%	2,656	168	13.6
10. Cerebrovascular diseases	177	3.1%	1,950	123	11.0
All other causes	1,291	22.3%	NA	NA	NA
<b>MALES</b>	<b>3,423</b>	<b>100.0%</b>	<b>60,161</b>	<b>7,534</b>	<b>17.6</b>
1. Accidents (unintentional injury)	395	11.5%	12,762	1,598	32.3
2. Malignant neoplasms (cancer)	802	23.4%	8,932	1,119	11.1
3. Diseases of heart	689	20.1%	8,522	1,067	12.4
4. Intentional self-harm (suicide)	247	7.2%	7,404	927	30.0
5. Certain conditions originating in perinatal period	32	0.9%	2,384	299	74.5
6. Chronic liver disease and cirrhosis	113	3.3%	1,760	220	15.6
7. Congenital malformations, deformations and chromosomal abnormalities	30	0.9%	1,617	203	53.9
8. Diabetes mellitus	114	3.3%	1,549	194	13.6
9. Chronic lower respiratory diseases	161	4.7%	1,414	177	8.8
10. Cerebrovascular diseases	110	3.2%	1,261	158	11.5
All other causes	730	21.3%	NA	NA	NA
<b>FEMALES</b>	<b>2,355</b>	<b>100.0%</b>	<b>39,183</b>	<b>5,002</b>	<b>16.6</b>
1. Malignant neoplasms (cancer)	742	31.5%	9,498	1,212	12.8
2. Accidents (unintentional injury)	200	8.5%	6,064	774	30.3
3. Diseases of heart	321	13.6%	4,005	511	12.5
4. Intentional self-harm (suicide)	81	3.4%	2,483	317	30.6
5. Congenital malformations, deformations and chromosomal abnormalities	31	1.3%	1,959	250	63.2
6. Certain conditions originating in perinatal period	25	1.1%	1,863	238	74.5
7. Chronic lower respiratory diseases	189	8.0%	1,657	211	8.8
8. Diabetes mellitus	82	3.5%	1,107	141	13.5
9. Chronic liver disease and cirrhosis	56	2.4%	1,052	134	18.8
10. Cerebrovascular diseases	67	2.8%	689	88	10.3
All other causes	561	23.8%	NA	NA	NA

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

<sup>1</sup>Ranking based on total number of years of potential life lost (YPLL).

<sup>2</sup>YPLL 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  
2016**

EXACT AGE IN YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING ( <sup>o</sup> e <sub>x</sub> )		
	Total	Male	Female
0	79.4	77.5	81.4
1	78.9	77.0	80.8
5	74.9	73.1	76.9
10	70.0	68.1	71.9
15	65.1	63.2	67.0
20	60.3	58.4	62.1
25	55.5	53.8	57.3
30	50.7	49.1	52.4
35	46.0	44.4	47.6
40	41.4	39.8	42.9
45	36.7	35.3	38.2
50	32.2	30.8	33.6
55	27.8	26.5	29.1
60	23.7	22.5	24.9
65	19.7	18.7	20.8
70	15.9	15.0	16.7
75	12.3	11.6	13.0
80	9.3	8.8	9.7
85	6.8	6.5	7.1

U.S. life expectancy in 2015 was 78.8 years, 76.3 years for males, and 81.2 years for females.<sup>1</sup>

**IDAHO RESIDENT LIFE EXPECTANCY AT BIRTH  
By District of Residence  
2016**

RESIDENCE	AVERAGE NUMBER OF YEARS LIFE EXPECTANCY AT BIRTH		
	Total	Male	Female
IDAHO	79.4	77.5	81.4
District 1	79.2	76.8	81.6
District 2	78.9	77.5	80.4
District 3	79.1	77.2	81.0
District 4	80.7	79.1	82.2
District 5	78.7	76.1	81.5
District 6	77.5	75.0	80.1
District 7	79.6	78.2	81.1

See Technical Notes for methodology.

**IDAHO RESIDENT MORTALITY**  
**Malignant Neoplasm (Cancer) Mortality by Leading Site of Cancer**  
**2016**

RESIDENCE	TOTAL	Trachea, bronchus	Colon, rectum, and anus	Breast (1)	Pancreas	Prostate (2)	Liver and intrahepatic	Leukemia	All other malignant neoplasms
IDAHO	2,890	582	246	217	203	184	135	129	1,194
Rate	171.7	34.6	14.6	12.9	12.1	21.8	8.0	7.7	70.9
District 1	558	140	45	44	33	38	25	24	209
Rate	242.5	60.9	19.6	19.1	14.3	33.3	10.9	10.4	90.8
District 2	250	55	20	13	17	21	15	9	100
Rate	231.3	50.9	18.5	12.0	15.7	38.1	13.9	8.3	92.5
District 3	466	98	43	30	43	19	26	24	183
Rate	168.0	35.3	15.5	10.8	15.5	13.8	9.4	8.7	66.0
District 4	777	167	51	71	50	37	34	37	330
Rate	159.3	34.2	10.5	14.6	10.3	15.1	7.0	7.6	67.7
District 5	329	53	29	20	21	23	14	16	153
Rate	169.6	27.3	15.0	10.3	10.8	23.6	7.2	8.2	78.9
District 6	260	40	29	21	16	25	11	9	109
Rate	152.7	23.5	17.0	12.3	9.4	29.3	6.5	5.3	64.0
District 7	250	29	29	18	23	21	10	10	110
Rate	115.9	13.4	13.4	8.3	10.7	19.4	4.6	4.6	51.0
Ada	685	151	42	60	47	30	31	31	293
Adams	13	1	2	1	1	2	1	1	4
Bannock	124	25	16	9	5	15	5	3	46
Bear Lake	11	1	3	1	-	-	-	2	4
Benewah	26	7	2	-	2	1	2	-	12
Bingham	79	7	5	5	8	9	6	2	37
Blaine	27	7	2	1	1	4	-	-	12
Boise	16	3	3	1	2	-	-	2	5
Bonner	126	33	15	9	6	12	5	5	41
Bonneville	144	18	18	12	17	11	2	3	63
Boundary	24	5	2	1	2	-	1	2	11
Butte	6	1	1	1	-	1	-	-	2
Camas	5	-	2	-	-	-	-	-	3
Canyon	340	69	29	22	32	17	22	18	131
Caribou	10	-	1	1	1	-	-	-	7
Cassia	29	5	5	1	2	4	1	1	10
Clark	1	-	-	-	-	1	-	-	-
Clearwater	40	10	2	2	3	3	3	2	15
Custer	15	3	1	-	1	-	1	2	7
Elmore	50	8	5	4	1	5	2	3	22
Franklin	15	2	-	4	1	-	-	1	7
Fremont	22	1	2	1	1	4	4	1	8
Gem	39	11	3	1	2	-	2	3	17
Gooding	38	7	4	3	3	5	3	1	12
Idaho	47	10	4	-	5	2	2	2	22
Jefferson	26	3	2	2	3	3	-	2	11
Jerome	32	4	1	1	2	2	2	-	20
Kootenai	332	80	22	29	21	20	14	14	132
Latah	50	12	1	1	3	6	2	3	22
Lemhi	16	3	1	1	-	1	-	1	9
Lewis	11	3	-	-	1	2	2	-	3
Lincoln	7	1	1	-	-	1	-	-	4
Madison	17	1	3	2	1	-	1	1	8
Minidoka	36	6	3	3	3	1	2	3	15
Nez Perce	102	20	13	10	5	8	6	2	38
Oneida	4	1	1	-	-	-	-	1	1
Owyhee	21	3	5	4	2	-	-	1	6
Payette	37	9	3	2	3	-	1	1	18
Power	11	3	2	-	1	-	-	-	5
Shoshone	50	15	4	5	2	5	3	3	13
Teton	9	-	2	-	-	1	2	-	4
Twin Falls	155	23	11	11	10	6	6	11	77
Valley	26	5	1	6	-	2	1	1	10
Washington	16	5	1	-	3	-	-	-	7

Rates are deaths per 100,000 population. Rates are unreliable when the rate was calculated with a numerator (number of deaths) <20.

(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**  
**2016**

RESIDENCE	MALES					FEMALES				
	TOTAL	Trachea, bronchus and lung	Prostate	Colon, rectum, and anus	Pancreas	TOTAL	Trachea, bronchus and lung	Breast	Colon, rectum, and anus	Ovary
IDAHO	1,533	314	184	128	112	1,357	268	215	118	92
Rate	181.7	37.2	21.8	15.2	13.3	161.6	31.9	25.6	14.1	11.0
District 1	306	72	38	23	20	252	68	43	22	17
Rate	268.3	63.1	33.3	20.2	17.5	217.2	58.6	37.1	19.0	14.7
District 2	141	28	21	11	10	109	27	13	9	2
Rate	255.7	50.8	38.1	20.0	18.1	205.9	51.0	24.6	17.0	3.8
District 3	250	55	19	20	29	216	43	30	23	11
Rate	181.3	39.9	13.8	14.5	21.0	154.8	30.8	21.5	16.5	7.9
District 4	383	86	37	24	21	394	81	71	27	30
Rate	156.1	35.1	15.1	9.8	8.6	162.6	33.4	29.3	11.1	12.4
District 5	179	27	23	15	12	150	26	20	14	14
Rate	183.9	27.7	23.6	15.4	12.3	155.2	26.9	20.7	14.5	14.5
District 6	138	27	25	17	11	122	13	21	12	8
Rate	161.7	31.6	29.3	19.9	12.9	143.6	15.3	24.7	14.1	9.4
District 7	136	19	21	18	9	114	10	17	11	10
Rate	125.4	17.5	19.4	16.6	8.3	106.3	9.3	15.9	10.3	9.3
Ada	344	80	30	21	19	341	71	60	21	27
Adams	7	1	2	1	-	6	-	1	1	1
Bannock	71	19	15	9	4	53	6	9	7	5
Bear Lake	6	-	-	-	-	5	1	1	3	-
Benewah	17	2	1	1	1	9	5	-	1	-
Bingham	41	4	9	5	5	38	3	5	-	3
Blaine	15	3	4	2	1	12	4	1	-	1
Boise	6	1	-	1	2	10	2	1	2	-
Bonner	70	22	12	6	3	56	11	9	9	3
Bonneville	74	11	11	14	7	70	7	11	4	7
Boundary	15	2	-	2	1	9	3	-	-	2
Butte	2	-	1	-	-	4	1	1	1	-
Camas	3	-	-	1	-	2	-	-	1	-
Canyon	183	40	17	11	22	157	29	22	18	5
Caribou	6	-	-	1	1	4	-	1	-	-
Cassia	18	3	4	2	1	11	2	1	3	1
Clark	1	-	1	-	-	-	-	-	-	-
Clearwater	25	3	3	2	2	15	7	2	-	-
Custer	13	2	-	1	1	2	1	-	-	1
Elmore	23	2	5	2	-	27	6	4	3	2
Franklin	3	2	-	-	-	12	-	4	-	-
Fremont	13	1	4	-	-	9	-	1	2	-
Gem	21	5	-	2	2	18	6	1	1	2
Gooding	23	5	5	3	2	15	2	3	1	3
Idaho	27	7	2	2	3	20	3	-	2	1
Jefferson	13	2	3	1	1	13	1	2	1	1
Jerome	12	-	2	-	1	20	4	1	1	3
Kootenai	174	40	20	12	14	158	40	29	10	12
Latah	25	2	6	-	2	25	10	1	1	-
Lemhi	8	2	1	-	-	8	1	1	1	1
Lewis	7	1	2	-	1	4	2	-	-	-
Lincoln	2	-	1	-	-	5	1	-	1	-
Madison	9	1	-	2	-	8	-	2	1	-
Minidoka	20	4	1	2	1	16	2	3	1	1
Nez Perce	57	15	8	7	2	45	5	10	6	1
Oneida	2	-	-	-	-	2	1	-	1	-
Owyhee	8	-	-	5	1	13	3	4	-	1
Payette	19	6	-	1	1	18	3	2	2	2
Power	7	2	-	2	1	4	1	-	-	-
Shoshone	30	6	5	2	1	20	9	5	2	-
Teton	5	-	1	-	-	4	-	-	2	-
Twin Falls	86	12	6	5	6	69	11	11	6	5
Valley	10	3	2	-	-	16	2	6	1	1
Washington	12	3	-	-	3	4	2	-	1	-

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**  
**2016**

SITE OF MALIGNANT NEOPLASM (ICD-10 code)	TOTAL	Male	Female
<b>TOTAL</b>	2,890	1,533	1,357
Lip, Oral Cavity, and Pharynx (C00-C14)	37	20	17
Lip (C00)	-	-	-
Tongue (C01-C02)	7	3	4
Pharynx (C10-C13, C14.0)	14	6	8
Other/unspecified sites within the lip, oral cavity, and pharynx (C03-C09, C14.2-C14.8)	16	11	5
Digestive Organs (C15-C26)	754	445	309
Esophagus (C15)	87	71	16
Stomach (C16)	43	21	22
Small intestine (C17)	8	3	5
Colon (C18)	178	89	89
Rectosigmoid junction and rectum (C19-C20)	63	39	24
Anus and anal canal (C21)	5	-	5
Liver (C22.0, C22.2-C22.9)	92	71	21
Intrahepatic bile ducts (C22.1)	43	25	18
Gallbladder and extrahepatic bile ducts (C23-C24)	20	9	11
Pancreas (C25)	203	112	91
Other/ill-defined digestive organs (C26)	12	5	7
Respiratory & Intrathoracic Organs (C30-C39)	601	326	275
Nasal cavity and middle ear and accessory sinuses (C30-C31)	4	3	1
Larynx (C32)	11	8	3
Trachea (C33)	-	-	-
Bronchus and lung (C34)	582	314	268
Thymus, heart, mediastinum, and pleura (C37-C38)	3	-	3
Other/ill-defined sites in the respiratory system and intrathoracic organs (C39)	1	1	-
Bone and Articular Cartilage (C40-C41)	8	4	4
Melanoma and Other Malignant Neoplasm of Skin (C43-C44)	86	63	23
Melanoma of skin (C43)	54	36	18
Other malignant neoplasms of skin (C44)	32	27	5
Mesothelial and Soft Tissue (C45-C49)	49	30	19
Mesothelioma (C45)	19	16	3
Kaposi's sarcoma (C46)	-	-	-
Other mesothelial and soft tissue (C47-C49)	30	14	16
Breast (C50)	217	2	215
Female Genital Organs (C51-C58)	175	-	175
Vulva and vagina (C51-C52)	5	-	5
Cervix uteri (C53)	18	-	18
Corpus uteri and uterus, part unspecified (C54-C55)	59	-	59
Ovary (C56)	92	-	92
Other/unspecified female genital organs (C57)	1	-	1
Placenta (C58)	-	-	-
Male Genital Organs (C60-C63)	186	186	-
Prostate (C61)	184	184	-
Testis (C62)	2	2	-
Penis and other/unspecified male genital organs (C60, C63)	-	-	-
Urinary Organs (C64-C68)	156	100	56
Kidney and renal pelvis (C64-C65)	61	35	26
Bladder (C67)	90	64	26
Other/unspecified sites within the urinary tract (C66, C68)	5	1	4
Eye and Adexa (C69)	4	1	3
Meninges, Brain, and Other Parts of Central Nervous System (C70-C72)	98	60	38
Brain (C71)	98	60	38
Other parts of central nervous system (C70, C72)	-	-	-
Thyroid and Other Endocrine Glands (C73-C75)	17	10	7

**IDAHO RESIDENT MORTALITY**  
**Primary Site of Malignant Neoplasm (Cancer) by Sex (continued)**  
**2016**

SITE OF MALIGNANT NEOPLASM (ICD-10 code)	TOTAL	Male	Female
Lymphatic and Hematopoietic Tissues (C81-C96)	333	192	141
Hodgkin's disease (C81)	3	2	1
Non-Hodgkin's lymphoma (C82-C85)	126	68	58
Immunoproliferative diseases (C88)	2	2	-
Multiple myeloma and malignant plasma cell neoplasms (C90)	73	41	32
Lymphoid leukemia (C91)	40	23	17
Myeloid leukemia (C92)	71	45	26
Monocytic leukemia (C93)	3	2	1
Other/unspecified leukemia (C94-C95)	15	9	6
Other/unspecified lymphoid, hematopoietic and related issues (C86, C96)	-	-	-
Other/Unspecified Sites (C76-C80, C97)	169	94	75

**IDAHO RESIDENT MORTALITY**  
**Leading Causes of Mortality**  
**2016**

RESIDENCE	TOTAL DEATHS	Diseases of heart	Malignant neoplasms	Chronic lower respiratory diseases	Accidents	Cerebrovascular diseases
IDAHO	13,370	2,974	2,890	864	847	679
Rate	794.3	176.7	171.7	51.3	50.3	40.3
District 1	2,268	512	558	173	123	134
Rate	985.8	222.5	242.5	75.2	53.5	58.2
District 2	1,111	237	250	64	66	62
Rate	1,028.0	219.3	231.3	59.2	61.1	57.4
District 3	2,153	525	466	134	121	107
Rate	776.2	189.3	168.0	48.3	43.6	38.6
District 4	3,338	716	777	203	190	157
Rate	684.5	146.8	159.3	41.6	39.0	32.2
District 5	1,595	306	329	110	139	81
Rate	822.4	157.8	169.6	56.7	71.7	41.8
District 6	1,456	327	260	91	100	76
Rate	854.9	192.0	152.7	53.4	58.7	44.6
District 7	1,449	351	250	89	108	62
Rate	671.8	162.7	115.9	41.3	50.1	28.7
Ada	2,987	649	685	172	173	146
Adams	40	7	13	4	1	3
Bannock	716	172	124	47	45	32
Bear Lake	58	17	11	5	5	4
Benewah	132	32	26	13	7	5
Bingham	396	97	79	24	33	18
Blaine	109	20	27	4	8	8
Boise	54	10	16	2	1	2
Bonner	445	84	126	32	26	35
Bonneville	875	213	144	60	63	34
Boundary	113	27	24	12	7	9
Butte	25	3	6	3	1	4
Camas	7	1	5	-	-	-
Canyon	1,498	371	340	89	79	72
Caribou	62	7	10	4	3	6
Cassia	185	37	29	7	20	12
Clark	6	2	1	1	1	-
Clearwater	116	23	40	7	7	6
Custer	41	9	15	2	2	2
Elmore	211	43	50	24	11	6
Franklin	96	12	15	3	6	8
Fremont	104	32	22	5	5	2
Gem	213	42	39	13	13	16
Gooding	154	40	38	5	12	4
Idaho	194	30	47	11	17	8
Jefferson	174	38	26	16	14	10
Jerome	190	40	32	8	19	10
Kootenai	1,387	326	332	96	73	68
Latah	243	53	50	11	13	16
Lemhi	90	15	16	2	8	4
Lewis	45	7	11	4	1	2
Lincoln	32	7	7	3	4	-
Madison	113	33	17	1	9	8
Minidoka	153	27	36	12	15	5
Nez Perce	513	124	102	31	28	30
Oneida	33	8	4	-	3	2
Owyhee	97	21	21	5	6	3
Payette	200	47	37	18	15	8
Power	70	11	11	5	4	2
Shoshone	191	43	50	20	10	17
Teton	46	9	9	2	6	2
Twin Falls	765	134	155	71	61	42
Valley	86	14	26	5	5	3
Washington	105	37	16	5	7	5

Rates are deaths per 100,000 population.

**IDAHO RESIDENT MORTALITY**  
**Leading Causes of Mortality (continued)**  
**2016**

RESIDENCE	Alzheimer's disease	Diabetes mellitus	Intentional self-harm (suicide)	Influenza and pneumonia	Chronic liver disease and cirrhosis	Nephritis, nephrotic syndrome, nephrosis
IDAHO	606	379	351	204	190	188
Rate	36.0	22.5	20.9	12.1	11.3	11.2
District 1	74	62	37	23	36	19
Rate	32.2	26.9	16.1	10.0	15.6	8.3
District 2	41	32	35	20	9	15
Rate	37.9	29.6	32.4	18.5	8.3	13.9
District 3	103	51	53	32	43	29
Rate	37.1	18.4	19.1	11.5	15.5	10.5
District 4	196	82	115	52	47	43
Rate	40.2	16.8	23.6	10.7	9.6	8.8
District 5	80	48	36	29	17	24
Rate	41.2	24.7	18.6	15.0	8.8	12.4
District 6	60	56	43	31	25	15
Rate	35.2	32.9	25.2	18.2	14.7	8.8
District 7	52	48	32	17	13	43
Rate	24.1	22.3	14.8	7.9	6.0	19.9
Ada	182	75	104	40	41	40
Adams	2	1	1	-	1	1
Bannock	40	25	17	18	15	9
Bear Lake	2	1	1	-	1	-
Benewah	2	2	1	-	3	1
Bingham	14	17	13	5	6	4
Blaine	4	1	3	1	-	-
Boise	4	1	3	3	-	1
Bonner	16	14	12	5	5	5
Bonneville	30	25	18	11	8	24
Boundary	5	3	2	3	3	1
Butte	-	1	-	1	-	-
Camas	-	-	-	-	-	-
Canyon	73	36	32	23	26	20
Caribou	2	4	4	1	-	1
Cassia	8	7	3	6	4	1
Clark	-	-	-	-	-	-
Clearwater	2	-	5	1	1	3
Custer	1	-	1	-	-	-
Elmore	7	5	6	6	6	2
Franklin	2	1	3	4	1	-
Fremont	5	5	2	1	-	2
Gem	15	5	7	4	2	2
Gooding	4	4	2	2	2	1
Idaho	6	3	10	6	3	4
Jefferson	4	5	3	4	2	6
Jerome	12	8	4	2	2	2
Kootenai	42	36	18	13	23	11
Latah	8	3	9	6	2	2
Lemhi	-	4	4	-	2	7
Lewis	1	2	3	1	-	-
Lincoln	3	-	1	-	1	-
Madison	7	8	1	1	1	4
Minidoka	9	7	3	6	-	2
Nez Perce	24	24	8	6	3	6
Oneida	-	-	3	1	-	-
Owyhee	3	2	6	1	7	1
Payette	9	3	5	4	5	1
Power	-	7	2	1	2	1
Shoshone	9	7	4	2	2	1
Teton	5	1	3	-	-	-
Twin Falls	40	21	20	12	8	18
Valley	3	1	2	3	-	-
Washington	1	4	2	-	2	4

Rates are deaths per 100,000 population. Rates are unreliable when the rate was calculated with a numerator (number of deaths) <20.

**IDAHO RESIDENT MORTALITY**  
**113 Selected Causes of Mortality by Sex and Age Group**  
**2016**

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	13,370	137	25	19	30	63	92	233	356	692	1,686	2,445	3,433	4,159
		F	6,432	62	9	6	19	18	24	78	139	278	710	1,012	1,582	2,495
		M	6,938	75	16	13	11	45	68	155	217	414	976	1,433	1,851	1,664
# Salmonella infections	A01-A02	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Shigellosis and amebiasis	A03, A06	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Certain other intestinal infections	A04, A07-A09	T	39	2	-	-	-	-	-	-	-	-	3	6	12	16
		F	21	-	-	-	-	-	-	-	-	-	1	2	7	11
		M	18	2	-	-	-	-	-	-	-	-	2	4	5	5
# Enterocolitis due to <i>Clostridium difficile</i>	A04.7	T	26	-	-	-	-	-	-	-	-	-	2	5	8	11
		F	14	-	-	-	-	-	-	-	-	-	1	2	3	8
		M	12	-	-	-	-	-	-	-	-	-	1	3	5	3
# Tuberculosis	A16-A19	T	2	-	-	-	-	-	-	-	1	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	-	-	1	-	-	-	-	1
Respiratory tuberculosis	A16	T	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Other tuberculosis	A17-A19	T	1	-	-	-	-	-	-	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	1	-	-	-	-	-
# 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	100	1	-	-	-	-	-	2	1	8	17	19	26	26
		F	52	-	-	-	-	-	-	-	1	3	10	9	14	15
		M	48	1	-	-	-	-	-	-	2	-	5	7	10	11
# Syphilis	A50-A53	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-

# 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)**  
**2016**

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	27	-	-	-	-	-	-	-	1	5	13	4	4	-
		F	12	-	-	-	-	-	-	-	-	2	6	2	2	-
		M	15	-	-	-	-	-	-	-	-	1	3	7	2	2
# Human immunodeficiency virus (HIV) disease	B20-B24	T	6	-	-	-	-	-	-	-	1	1	4	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	6	-	-	-	-	-	-	-	-	1	1	4	-	-
# Malaria	B50-B54	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unspecified infectious and parasitic diseases and their sequelae	See footnote 1	T	29	2	-	-	-	-	-	-	1	1	5	7	6	7
		F	12	-	-	-	-	-	-	-	-	1	3	5	1	2
		M	17	2	-	-	-	-	-	-	-	1	-	2	2	5
West Nile Fever	A92.3	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Malignant neoplasms (cancer)	C00-C97	T	2,890	-	2	4	5	1	3	19	42	159	523	786	851	495
		F	1,357	-	1	1	3	1	2	10	29	87	258	350	350	265
		M	1,533	-	1	3	2	-	1	9	13	72	265	436	501	230
Lip, oral cavity and pharynx	C00-C14	T	37	-	-	-	-	-	-	-	1	-	10	8	8	10
		F	17	-	-	-	-	-	-	-	1	-	5	4	3	4
		M	20	-	-	-	-	-	-	-	-	-	5	4	5	6
Esophagus	C15	T	87	-	-	-	-	-	-	-	-	3	19	37	18	10
		F	16	-	-	-	-	-	-	-	-	2	4	6	2	2
		M	71	-	-	-	-	-	-	-	-	1	15	31	16	8
Stomach	C16	T	43	-	-	-	-	-	-	-	3	2	12	7	10	9
		F	22	-	-	-	-	-	-	-	1	1	4	3	7	6
		M	21	-	-	-	-	-	-	-	2	1	8	4	3	3
Colon, rectum and anus	C18-C21	T	246	-	-	-	-	-	-	3	5	22	44	52	73	47
		F	118	-	-	-	-	-	-	1	4	13	22	18	28	32
		M	128	-	-	-	-	-	-	2	1	9	22	34	45	15

# 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)**  
**2016**

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	135	-	-	-	-	-	-	1	-	6	46	39	35	8
		F	39	-	-	-	-	-	-	1	-	-	11	12	11	4
		M	96	-	-	-	-	-	-	-	-	-	6	35	27	24
Pancreas	C25	T	203	-	-	-	-	-	-	-	1	7	45	62	62	26
		F	91	-	-	-	-	-	-	-	1	2	15	22	30	21
		M	112	-	-	-	-	-	-	-	-	-	5	30	40	32
Larynx	C32	T	11	-	-	-	-	-	-	-	-	-	4	2	3	2
		F	3	-	-	-	-	-	-	-	-	-	1	1	1	-
		M	8	-	-	-	-	-	-	-	-	-	-	3	1	2
Trachea, bronchus and lung	C33-C34	T	582	-	-	-	-	-	-	-	-	26	91	167	217	81
		F	268	-	-	-	-	-	-	-	-	15	45	78	89	41
		M	314	-	-	-	-	-	-	-	-	-	11	46	89	128
Malignant melanoma of skin	C43	T	54	-	1	-	-	-	-	-	3	5	14	8	15	8
		F	18	-	-	-	-	-	-	-	-	3	5	2	4	4
		M	36	-	1	-	-	-	-	-	-	3	2	9	6	11
Breast	C50	T	217	-	-	-	-	-	-	1	11	17	52	57	48	31
		F	215	-	-	-	-	-	-	1	11	17	52	56	47	31
		M	2	-	-	-	-	-	-	-	-	-	-	-	1	1
Cervix uteri	C53	T	18	-	-	-	-	-	-	1	2	4	3	4	3	1
		F	18	-	-	-	-	-	-	1	2	4	3	4	3	1
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corpus uteri and uterus, part unspecified	C54-C55	T	59	-	-	-	-	-	-	-	-	3	12	20	13	11
		F	59	-	-	-	-	-	-	-	-	3	12	20	13	11
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ovary	C56	T	92	-	-	-	-	-	-	-	2	9	25	29	14	13
		F	92	-	-	-	-	-	-	-	2	9	25	29	14	13
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prostate	C61	T	184	-	-	-	-	-	-	-	-	-	12	41	69	62
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	184	-	-	-	-	-	-	-	-	-	-	12	41	69
Kidney and renal pelvis	C64-C65	T	61	-	-	-	-	-	-	-	-	5	12	15	18	11
		F	26	-	-	-	-	-	-	-	-	1	4	9	7	5
		M	35	-	-	-	-	-	-	-	-	-	4	8	6	11
Bladder	C67	T	90	-	-	-	-	-	-	-	-	2	10	25	25	28
		F	26	-	-	-	-	-	-	-	-	1	2	7	6	10
		M	64	-	-	-	-	-	-	-	-	1	8	18	19	18
Meninges, brain and other parts of central nervous system	C70-C72	T	98	-	-	3	-	1	1	3	5	13	22	30	17	3
		F	38	-	-	1	-	1	1	-	2	4	9	14	4	2
		M	60	-	-	2	-	-	-	-	3	3	9	13	16	13

# 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)**  
**2016**

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	333	-	-	-	3	-	1	2	2	16	35	94	113	67
		F	141	-	-	-	2	-	-	1	1	5	12	34	45	41
		M	192	-	-	-	1	-	1	1	1	11	23	60	68	26
Hodgkin's disease	C81	T	3	-	-	-	-	-	-	1	-	-	-	2	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	1	-	-
		M	2	-	-	-	-	-	-	-	1	-	-	-	1	-
Non-Hodgkin's lymphoma	C82-C85	T	126	-	-	-	-	-	1	-	1	2	14	37	42	29
		F	58	-	-	-	-	-	-	-	-	-	7	12	17	22
		M	68	-	-	-	-	-	1	-	1	2	7	25	25	7
Leukemia	C91-C95	T	129	-	-	-	3	-	-	1	1	9	12	34	46	23
		F	50	-	-	-	2	-	-	1	1	5	5	9	16	11
		M	79	-	-	-	1	-	-	-	-	4	7	25	30	12
Multiple myeloma and immunoproliferative neoplasms	C88, C90	T	75	-	-	-	-	-	-	-	-	5	9	21	25	15
		F	32	-	-	-	-	-	-	-	-	-	-	12	12	8
		M	43	-	-	-	-	-	-	-	-	5	9	9	13	7
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other & unspecified malignant neoplasms	See footnote 1	T	340	-	1	1	2	-	1	8	7	19	55	89	90	67
		F	150	-	1	-	1	-	1	5	4	7	27	31	36	37
		M	190	-	-	1	1	-	-	3	3	12	28	58	54	30
# In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	T	64	1	-	-	-	-	-	-	2	3	9	14	17	18
		F	28	1	-	-	-	-	-	-	1	2	4	5	7	8
		M	36	-	-	-	-	-	-	-	1	1	5	9	10	10
# Anemias	D50-D64	T	21	-	-	-	-	-	-	-	-	-	2	5	7	7
		F	10	-	-	-	-	-	-	-	-	-	-	4	4	2
		M	11	-	-	-	-	-	-	-	-	-	2	1	3	5
# Diabetes mellitus	E10-E14	T	379	-	-	-	-	2	1	6	4	27	66	90	101	82
		F	169	-	-	-	-	1	-	4	1	10	28	38	41	46
		M	210	-	-	-	-	1	1	2	3	17	38	52	60	36
# Nutritional deficiencies	E40-E64	T	22	-	-	-	-	-	-	-	1	-	6	2	7	6
		F	14	-	-	-	-	-	-	-	-	-	3	1	5	5
		M	8	-	-	-	-	-	-	-	1	-	3	1	2	1
Malnutrition	E40-E46	T	18	-	-	-	-	-	-	-	1	-	5	1	7	4
		F	12	-	-	-	-	-	-	-	-	-	3	1	5	3
		M	6	-	-	-	-	-	-	-	1	-	2	-	2	1
Other nutritional deficiencies	E50-E64	T	4	-	-	-	-	-	-	-	-	-	1	1	-	2
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	2
		M	2	-	-	-	-	-	-	-	-	-	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)**  
**2016**

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	4	1	-	-	-	-	-	1	-	-	-	-	2	-
		F	2	-	-	-	-	-	-	1	-	-	-	-	1	-
		M	2	1	-	-	-	-	-	-	-	-	-	-	-	1
# Parkinson's disease	G20-G21	T	166	-	-	-	-	-	-	-	-	-	2	22	75	67
		F	63	-	-	-	-	-	-	-	-	-	1	4	31	27
		M	103	-	-	-	-	-	-	-	-	-	1	18	44	40
# Alzheimer's disease	G30	T	606	-	-	-	-	-	-	-	-	-	10	34	180	382
		F	432	-	-	-	-	-	-	-	-	-	7	19	124	282
		M	174	-	-	-	-	-	-	-	-	-	3	15	56	100
Major cardiovascular diseases	I00-I78	T	3,872	3	2	-	4	-	3	15	56	132	389	643	1,011	1,614
		F	1,794	1	1	-	4	-	2	5	14	37	118	225	428	959
		M	2,078	2	1	-	-	-	1	10	42	95	271	418	583	655
# Diseases of heart	I00-I09, I11, I13, I20-I51	T	2,974	3	2	-	4	-	3	12	44	112	315	515	741	1,223
		F	1,322	1	1	-	4	-	2	4	11	30	96	172	297	704
		M	1,652	2	1	-	-	-	1	8	33	82	219	343	444	519
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	T	26	-	-	-	-	-	-	1	-	-	2	3	5	15
		F	13	-	-	-	-	-	-	1	-	-	-	2	1	9
		M	13	-	-	-	-	-	-	-	-	-	2	1	4	6
Hypertensive heart disease	I11	T	118	-	-	-	-	-	-	-	1	7	12	14	19	65
		F	69	-	-	-	-	-	-	-	1	2	4	4	13	45
		M	49	-	-	-	-	-	-	-	-	5	8	10	6	20
Hypertensive heart and renal disease	I13	T	30	-	-	-	-	-	-	-	-	-	4	1	12	13
		F	15	-	-	-	-	-	-	-	-	-	2	1	5	7
		M	15	-	-	-	-	-	-	-	-	-	2	-	7	6
Ischemic heart diseases	I20-I25	T	1,609	-	-	-	-	-	-	3	21	80	214	314	439	538
		F	581	-	-	-	-	-	-	-	2	19	53	91	144	272
		M	1,028	-	-	-	-	-	-	3	19	61	161	223	295	266
Acute myocardial infarction	I21-I22	T	729	-	-	-	-	-	-	2	15	54	139	181	202	136
		F	247	-	-	-	-	-	-	-	1	11	35	56	69	75
		M	482	-	-	-	-	-	-	2	14	43	104	125	133	61
Other acute ischemic heart diseases	I24	T	30	-	-	-	-	-	-	-	1	4	6	3	10	6
		F	9	-	-	-	-	-	-	-	-	-	2	-	6	1
		M	21	-	-	-	-	-	-	-	-	1	4	4	3	4
Other forms of chronic ischemic heart disease	I20, I25	T	850	-	-	-	-	-	-	1	5	22	69	130	227	396
		F	325	-	-	-	-	-	-	-	1	8	16	35	69	196
		M	525	-	-	-	-	-	-	1	4	14	53	95	158	200
Atherosclerotic cardiovascular disease, so described	I25.0	T	95	-	-	-	-	-	-	1	2	8	13	16	24	31
		F	37	-	-	-	-	-	-	-	-	5	3	3	8	18
		M	58	-	-	-	-	-	-	-	1	2	3	10	13	16

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**IDAHO RESIDENT MORTALITY**  
**113 Selected Causes of Mortality by Sex and Age Group (continued)**  
**2016**

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	755	-	-	-	-	-	-	-	3	14	56	114	203	365
		F	288	-	-	-	-	-	-	-	1	3	13	32	61	178
		M	467	-	-	-	-	-	-	-	2	11	43	82	142	187
Other heart diseases	I26-I51	T	1,191	3	2	-	4	-	3	8	22	25	83	183	266	592
		F	644	1	1	-	4	-	2	3	8	9	37	74	134	371
		M	547	2	1	-	-	-	1	5	14	16	46	109	132	221
Acute and subacute endocarditis	I33	T	10	-	-	-	-	-	-	1	1	2	-	3	1	2
		F	5	-	-	-	-	-	-	1	-	2	-	1	1	-
		M	5	-	-	-	-	-	-	-	1	-	-	-	2	-
Diseases of pericardium and acute myocarditis	I30-I31, I40	T	4	-	-	-	-	-	-	-	-	-	-	1	2	1
		F	3	-	-	-	-	-	-	-	-	-	-	1	1	1
		M	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Heart failure	I50	T	385	-	-	-	-	-	1	-	1	2	13	52	92	224
		F	216	-	-	-	-	-	1	-	-	1	4	23	47	140
		M	169	-	-	-	-	-	-	-	1	1	9	29	45	84
All other forms of heart disease	I26-I28, I34- I38, I42-I49, I51	T	792	3	2	-	4	-	2	7	20	21	70	127	171	365
		F	420	1	1	-	4	-	1	2	8	6	33	49	85	230
		M	372	2	1	-	-	-	1	5	12	15	37	78	86	135
# Essential hypertension and hypertensive renal disease	I10, I12, I15	T	106	-	-	-	-	-	-	-	2	3	11	11	27	52
		F	60	-	-	-	-	-	-	-	-	1	3	5	16	35
		M	46	-	-	-	-	-	-	-	2	2	8	6	11	17
# Cerebrovascular diseases	I60-I69	T	679	-	-	-	-	-	-	2	8	13	57	97	204	298
		F	365	-	-	-	-	-	-	-	3	5	18	41	99	199
		M	314	-	-	-	-	-	-	2	5	8	39	56	105	99
# Atherosclerosis	I70	T	8	-	-	-	-	-	-	-	-	-	-	1	2	5
		F	6	-	-	-	-	-	-	-	-	-	-	1	1	4
		M	2	-	-	-	-	-	-	-	-	-	-	-	1	1
Other diseases of circulatory system	I71-I78	T	105	-	-	-	-	-	-	1	2	4	6	19	37	36
		F	41	-	-	-	-	-	-	1	-	1	1	6	15	17
		M	64	-	-	-	-	-	-	-	2	3	5	13	22	19
# Aortic aneurysm and dissection	I71	T	56	-	-	-	-	-	-	1	2	-	5	9	16	23
		F	21	-	-	-	-	-	-	1	-	-	1	3	6	10
		M	35	-	-	-	-	-	-	-	2	-	4	6	10	13
Other diseases of arteries, arterioles and capillaries	I72-I78	T	49	-	-	-	-	-	-	-	-	4	1	10	21	13
		F	20	-	-	-	-	-	-	-	-	1	-	3	9	7
		M	29	-	-	-	-	-	-	-	-	3	1	7	12	6
Other disorders of circulatory system	I80-I99	T	24	-	-	-	-	-	-	1	3	3	5	2	4	6
		F	17	-	-	-	-	-	-	1	3	1	5	1	1	5
		M	7	-	-	-	-	-	-	-	-	2	-	1	3	1

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**IDAHO RESIDENT MORTALITY**  
**113 Selected Causes of Mortality by Sex and Age Group (continued)**  
**2016**

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	204	-	-	-	-	-	-	2	3	10	20	28	53	88
		F	124	-	-	-	-	-	-	1	1	7	9	16	28	62
		M	80	-	-	-	-	-	-	-	1	2	3	11	12	25
Influenza	J09-J11	T	27	-	-	-	-	-	-	1	-	6	4	3	6	7
		F	17	-	-	-	-	-	-	1	-	5	2	2	3	4
		M	10	-	-	-	-	-	-	-	-	1	2	1	3	3
Pneumonia	J12-J18	T	177	-	-	-	-	-	-	1	3	4	16	25	47	81
		F	107	-	-	-	-	-	-	-	1	2	7	14	25	58
		M	70	-	-	-	-	-	-	-	1	2	2	9	11	22
Other acute lower respiratory infections	J20-J22, U04	T	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	-	-	-
# Acute bronchitis and bronchiolitis	J20-J21	T	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unspecified acute lower respiratory infections	J22, U04	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Chronic lower respiratory diseases	J40-J47	T	864	-	-	-	-	-	1	1	2	16	111	219	307	207
		F	446	-	-	-	-	-	-	1	1	9	61	117	151	106
		M	418	-	-	-	-	-	1	-	1	7	50	102	156	101
Bronchitis, chronic and unspecified	J40-J42	T	2	-	-	-	-	-	-	-	-	-	-	1	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	-	-	-	-	-	-	1	1
Emphysema	J43	T	32	-	-	-	-	-	-	-	-	-	7	11	7	7
		F	18	-	-	-	-	-	-	-	-	-	5	3	5	5
		M	14	-	-	-	-	-	-	-	-	-	2	8	2	2
Asthma	J45-J46	T	22	-	-	-	-	-	1	1	1	4	3	6	2	4
		F	16	-	-	-	-	-	-	1	-	2	3	6	2	2
		M	6	-	-	-	-	-	1	-	1	2	-	-	-	2
Other chronic lower respiratory diseases	J44, J47	T	808	-	-	-	-	-	-	-	1	12	101	201	297	196
		F	412	-	-	-	-	-	-	-	1	7	53	108	144	99
		M	396	-	-	-	-	-	-	-	-	5	48	93	153	97
# Pneumoconioses and chemical effects	J60-J66, J68	T	11	-	-	-	-	-	-	-	-	-	-	2	7	2
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	11	-	-	-	-	-	-	-	-	-	-	-	2	7
# Pneumonitis due to solids and liquids	J69	T	98	-	-	-	-	-	-	-	1	1	10	11	31	44
		F	46	-	-	-	-	-	-	-	-	1	5	5	15	20
		M	52	-	-	-	-	-	-	-	-	1	5	6	16	24

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**IDAHO RESIDENT MORTALITY**  
**113 Selected Causes of Mortality by Sex and Age Group (continued)**  
**2016**

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	190	7	-	2	-	-	1	1	2	4	25	36	63	49
		F	79	3	-	-	-	-	-	1	1	1	16	8	26	23
		M	111	4	-	2	-	-	-	1	-	1	3	9	28	37
# Peptic ulcer	K25-K28	T	20	-	-	-	-	-	-	-	-	-	8	4	4	4
		F	13	-	-	-	-	-	-	-	-	-	7	-	3	3
		M	7	-	-	-	-	-	-	-	-	-	1	4	1	1
# Diseases of appendix	K35-K38	T	4	-	-	-	-	-	-	-	-	-	-	-	2	2
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	2
		M	2	-	-	-	-	-	-	-	-	-	-	-	-	2
# Hernia	K40-K46	T	10	-	-	-	-	-	-	-	-	1	2	3	2	2
		F	5	-	-	-	-	-	-	-	-	-	2	1	1	1
		M	5	-	-	-	-	-	-	-	-	-	1	-	2	1
# Chronic liver disease and cirrhosis	K70, K73-K74	T	190	-	-	-	-	-	1	6	12	36	63	51	17	4
		F	68	-	-	-	-	-	1	2	5	15	20	13	9	3
		M	122	-	-	-	-	-	-	4	7	21	43	38	8	1
Alcoholic liver disease	K70	T	147	-	-	-	-	-	1	6	10	34	50	35	11	-
		F	49	-	-	-	-	-	1	2	5	15	15	7	4	-
		M	98	-	-	-	-	-	-	4	5	19	35	28	7	-
Other chronic liver disease and cirrhosis	K73-K74	T	43	-	-	-	-	-	-	-	2	2	13	16	6	4
		F	19	-	-	-	-	-	-	-	-	-	5	6	5	3
		M	24	-	-	-	-	-	-	-	-	2	2	8	10	1
# Cholelithiasis and other disorders of gallbladder	K80-K82	T	29	-	-	-	-	-	1	-	-	-	3	8	8	9
		F	17	-	-	-	-	-	-	-	-	-	2	5	4	6
		M	12	-	-	-	-	-	1	-	-	-	1	3	4	3
# Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27	T	188	-	-	-	-	-	-	-	1	9	19	36	59	64
		F	89	-	-	-	-	-	-	-	-	4	6	15	26	38
		M	99	-	-	-	-	-	-	-	-	1	5	13	21	33
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01, N04	T	4	-	-	-	-	-	-	-	-	-	-	-	2	2
		F	2	-	-	-	-	-	-	-	-	-	-	-	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	5	-	-	-	-	-	-	-	-	-	1	1	3	-
		F	2	-	-	-	-	-	-	-	-	-	-	1	1	-
		M	3	-	-	-	-	-	-	-	-	-	-	1	-	2
Renal failure	N17-N19	T	179	-	-	-	-	-	-	-	1	9	18	35	54	62
		F	85	-	-	-	-	-	-	-	-	4	6	14	24	37
		M	94	-	-	-	-	-	-	-	-	1	5	12	21	30
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)**  
**2016**

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	7	-	-	-	-	-	-	-	-	-	1	1	1	4	
		F	6	-	-	-	-	-	-	-	-	-	1	1	1	3	
		M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
# Hyperplasia of prostate	N40	T	6	-	-	-	-	-	-	-	-	-	-	1	1	4	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	6	-	-	-	-	-	-	-	-	-	-	-	1	1	4
# Inflammatory diseases of female pelvic organs	N70-N76	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
# Pregnancy, childbirth and the puerperium	O00-O99	T	8	-	-	-	1	-	1	4	2	-	-	-	-	-	
		F	8	-	-	-	1	-	1	4	2	-	-	-	-	-	
		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	-	1	3	1	-	-	-	-	-	
		F	6	-	-	-	1	-	1	3	1	-	-	-	-	-	
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Maternal causes more than 42 days after delivery or termination of pregnancy	O96-O97	T	2	-	-	-	-	-	-	1	1	-	-	-	-	-	
		F	2	-	-	-	-	-	-	1	1	-	-	-	-	-	
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
# Certain conditions originating in the perinatal period	P00-P96	T	57	57	-	-	-	-	-	-	-	-	-	-	-	-	
		F	25	25	-	-	-	-	-	-	-	-	-	-	-	-	
		M	32	32	-	-	-	-	-	-	-	-	-	-	-	-	
# Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	T	65	34	5	2	1	1	1	2	2	2	10	1	1	3	
		F	33	19	3	-	1	1	1	1	1	1	3	-	-	2	
		M	32	15	2	2	-	-	-	-	1	1	1	7	1	1	
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	T	163	18	2	-	-	2	-	1	5	2	5	10	22	96	
		F	99	7	1	-	-	-	-	-	2	-	-	6	15	68	
		M	64	11	1	-	-	2	-	1	3	2	5	4	7	28	
Sudden infant death syndrome	R95	T	13	13	-	-	-	-	-	-	-	-	-	-	-	-	
		F	3	3	-	-	-	-	-	-	-	-	-	-	-	-	
		M	10	10	-	-	-	-	-	-	-	-	-	-	-	-	
Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R53, R55-R94, R96-R99	T	150	5	2	-	-	2	-	1	5	2	5	10	22	96	
		F	96	4	1	-	-	-	-	-	2	-	-	6	15	68	
		M	54	1	1	-	-	2	-	1	3	2	5	4	7	28	
All other diseases (residual)	All other A00-N99	T	1,713	3	1	1	3	3	1	21	27	81	181	276	428	687	
		F	947	1	1	-	-	-	1	8	17	38	74	124	236	447	
		M	766	2	-	1	3	3	-	13	10	43	107	152	192	240	

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**IDAHO RESIDENT MORTALITY**  
**113 Selected Causes of Mortality by Sex and Age Group (continued)**  
**2016**

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	847	5	10	9	11	28	45	100	99	98	118	72	99	153
		F	328	3	2	4	8	10	9	27	31	37	43	26	45	83
		M	519	2	8	5	3	18	36	73	68	61	75	46	54	70
Transport accidents	V01-V99, Y85	T	290	-	5	5	8	22	25	45	43	34	47	26	21	9
		F	85	-	-	4	6	6	8	15	11	8	9	7	8	3
		M	205	-	5	1	2	16	17	30	32	26	38	19	13	6
Motor vehicle accidents	See footnote 1	T	267	-	5	5	8	20	23	44	39	32	40	22	20	9
		F	79	-	-	4	6	6	8	15	9	7	6	7	8	3
		M	188	-	5	1	2	14	15	29	30	25	34	15	12	6
Other land transport accidents	See footnote 2	T	5	-	-	-	-	-	-	-	-	-	2	2	1	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		M	4	-	-	-	-	-	-	-	-	-	1	2	1	-
Water, air and space, other and unspecified transport accidents and their sequelae	V90-V99, Y85	T	18	-	-	-	-	2	2	1	4	2	5	2	-	-
		F	5	-	-	-	-	-	-	-	2	1	2	-	-	-
		M	13	-	-	-	-	2	2	1	2	1	3	2	-	-
Nontransport accidents	W00-X59, Y86	T	557	5	5	4	3	6	20	55	56	64	71	46	78	144
		F	243	3	2	-	2	4	1	12	20	29	34	19	37	80
		M	314	2	3	4	1	2	19	43	36	35	37	27	41	64
Falls	W00-W19	T	243	-	-	-	-	2	-	2	4	6	14	28	61	126
		F	132	-	-	-	-	1	-	1	2	3	7	14	33	71
		M	111	-	-	-	-	1	-	1	2	3	7	14	28	55
Accidental discharge of firearms	W32-W34	T	6	-	-	1	-	1	-	-	1	1	2	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		M	5	-	-	1	-	1	-	-	1	1	1	-	-	-
Accidental drowning and submersion	W65-W74	T	22	1	3	2	1	1	4	1	2	1	4	-	2	-
		F	6	1	1	-	1	1	-	-	-	-	1	-	1	-
		M	16	-	2	2	-	-	4	1	2	1	3	-	1	-
Accidental exposure to smoke, fire and flames	X00-X09	T	14	-	-	-	-	1	-	3	-	1	2	4	1	2
		F	6	-	-	-	-	1	-	1	-	1	1	1	-	1
		M	8	-	-	-	-	-	-	2	-	-	1	3	1	1
Accidental poisoning and exposure to noxious substances	X40-X49	T	188	-	-	-	1	1	15	45	44	43	33	4	2	-
		F	75	-	-	-	1	1	1	9	17	23	20	1	2	-
		M	113	-	-	-	-	-	14	36	27	20	13	3	-	-
Other and unspecified nontransport accidents and their sequelae	See footnote 3	T	84	4	2	1	1	-	1	4	5	12	16	10	12	16
		F	23	2	1	-	-	-	-	1	1	2	4	3	1	8
		M	61	2	1	1	1	-	1	3	4	10	12	7	11	8

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

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)**  
**2016**

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	351	-	-	-	3	23	30	33	68	79	45	47	17	6
		F	83	-	-	-	1	4	7	8	23	18	13	7	2	-
		M	268	-	-	-	2	19	23	25	45	61	32	40	15	6
Discharge of firearms	X72-X74	T	214	-	-	-	2	15	19	20	32	47	28	32	13	6
		F	36	-	-	-	1	3	3	3	7	11	5	2	1	-
		M	178	-	-	-	1	12	16	17	25	36	23	30	12	6
Other and unspecified means and their sequelae	U03, X60-X71, X75-X84, Y87.0	T	137	-	-	-	1	8	11	13	36	32	17	15	4	-
		F	47	-	-	-	-	1	4	5	16	7	8	5	1	-
		M	90	-	-	-	1	7	7	8	20	25	9	10	3	-
# Assault (homicide)	U01-U02, X85- Y09, Y87.1	T	33	2	1	1	2	2	2	8	8	4	3	-	-	-
		F	7	1	-	1	1	1	-	-	1	2	-	-	-	-
		M	26	1	1	-	1	1	2	8	7	2	3	-	-	-
Discharge of firearms	U01.4, X93- X95	T	15	-	-	-	-	1	1	4	7	1	1	-	-	-
		F	2	-	-	-	-	-	-	-	1	1	-	-	-	-
		M	13	-	-	-	-	1	1	4	6	-	1	-	-	-
Other and unspecified means and their sequelae	See footnote 1	T	18	2	1	1	2	1	1	4	1	3	2	-	-	-
		F	5	1	-	1	1	1	-	-	-	1	-	-	-	-
		M	13	1	1	-	1	-	1	4	1	2	2	-	-	-
# Legal intervention	Y35, Y89.0	T	6	-	-	-	-	-	-	2	1	3	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	6	-	-	-	-	-	-	2	1	3	-	-	-	-
Events of undetermined intent	Y10-Y34, Y87.2, Y89.9	T	33	1	2	-	-	1	1	7	9	6	4	2	-	-
		F	14	1	-	-	-	-	-	3	5	2	2	1	-	-
		M	19	-	2	-	-	1	1	4	4	4	2	1	-	-
Discharge of firearms	Y22-Y24	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25- Y34, Y87.2, Y89.9	T	33	1	2	-	-	1	1	7	9	6	4	2	-	-
		F	14	1	-	-	-	-	-	3	5	2	2	1	-	-
		M	19	-	2	-	-	1	1	4	4	4	2	1	-	-
Poisoning and exposure to noxious substances	Y10-Y19	T	25	-	-	-	-	1	-	5	9	5	4	1	-	-
		F	11	-	-	-	-	-	-	2	5	2	2	-	-	-
		M	14	-	-	-	-	1	-	3	4	3	2	1	-	-
# Operations of war and their sequelae <sup>2</sup>	Y36, Y89.1	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Complications of medical and surgical care	Y40-Y84, Y88	T	21	-	-	-	-	-	-	1	1	1	4	3	8	3
		F	10	-	-	-	-	-	-	1	-	-	2	2	4	1
		M	11	-	-	-	-	-	-	-	1	1	2	1	4	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**  
**2016**

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	847	5	10	9	11	28	45	100	99	98	118	72	99	153
		F	328	3	2	4	8	10	9	27	31	37	43	26	45	83
		M	519	2	8	5	3	18	36	73	68	61	75	46	54	70
Total Transport accidents	V01-V99, Y85	T	290	-	5	5	8	22	25	45	43	34	47	26	21	9
		F	85	-	-	4	6	6	8	15	11	8	9	7	8	3
		M	205	-	5	1	2	16	17	30	32	26	38	19	13	6
Total motor vehicle accidents	See footnote 1	T	267	-	5	5	8	20	23	44	39	32	40	22	20	9
		F	79	-	-	4	6	6	8	15	9	7	6	7	8	3
		M	188	-	5	1	2	14	15	29	30	25	34	15	12	6
Pedestrian involved in collision with motor vehicle	V02-V04	T	14	-	2	-	-	-	2	2	2	-	3	1	1	1
		F	2	-	-	-	-	-	-	-	-	-	-	-	1	1
		M	12	-	2	-	-	-	2	2	2	-	3	1	-	-
Pedal cyclist involved in collision with motor vehicle	V12-V14, V19.0-V19.2, V19.4-V19.6	T	5	-	1	1	-	-	-	1	-	2	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	5	-	1	1	-	-	-	1	-	2	-	-	-	-
Motorcyclist involved in any accident except collision with railway train	V20-V24, V26-V29	T	22	-	-	-	-	1	-	4	3	7	6	-	1	-
		F	2	-	-	-	-	-	-	-	2	-	-	-	-	-
		M	20	-	-	-	-	1	-	4	1	7	6	-	1	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Occupant of motor vehicle involved in collision with other object	See footnote 3	T	15	-	-	-	1	-	3	6	3	-	2	-	-	-
		F	2	-	-	-	-	-	-	1	-	-	1	-	-	-
		M	13	-	-	-	1	-	3	5	3	-	1	-	-	-
Occupant of motor vehicle involved in collision with other motor vehicle	V42-V44, V49, V52-V54, V59	T	49	-	1	1	1	1	1	7	9	4	10	5	5	4
		F	20	-	-	1	1	-	1	5	-	1	4	2	3	2
		M	29	-	1	-	-	1	-	2	9	3	6	3	2	2
Occupant of heavy transport vehicle or bus involved in collision with other motor vehicle	V62-V64, V69, V72-V74, V79	T	2	-	-	1	-	-	-	-	-	-	-	1	-	-
		F	1	-	-	1	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	1	-	-
Occupant of motor vehicle involved in noncollision accident	V48, V58, V68, V78	T	66	-	1	2	2	10	7	12	10	10	4	4	4	-
		F	25	-	-	2	2	4	2	6	4	4	-	1	-	-
		M	41	-	1	-	-	6	5	6	6	6	4	3	4	-

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)**  
**2016**

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	3	-	-	-	-	-	1	1	-	-	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	-	-	1	1	-	-	1	-	-	-
Occupant of special construction vehicle	V85	T	1	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Occupant or rider of special all-terrain or motor vehicle designed for off-road use <sup>1</sup>	V86	T	14	-	-	-	3	1	1	2	-	1	3	1	2	-
		F	4	-	-	-	2	1	-	-	-	-	1	-	-	-
		M	10	-	-	-	1	-	1	2	-	1	2	1	2	-
ATV or 4-wheeled vehicle	V86 (Subset)	T	13	-	-	-	2	1	1	2	-	1	3	1	2	-
		F	4	-	-	-	2	1	-	-	-	-	1	-	-	-
		M	9	-	-	-	-	-	1	2	-	1	2	1	2	-
Snowmobile or snow machine (not including avalanche)	V86 (Subset)	T	1	-	-	-	1	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Unspecified all-terrain vehicle	V86 (Subset)	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unspecified motor vehicle accident	See footnote 2	T	76	-	-	-	1	7	8	9	12	8	11	9	7	4
		F	23	-	-	-	1	1	5	3	3	2	-	4	4	-
		M	53	-	-	-	-	6	3	6	9	6	11	5	3	4
Pedestrian injury with other or unspecified motor vehicle accident	V09.0, V09.2	T	9	-	-	-	-	-	1	1	2	1	1	1	2	-
		F	2	-	-	-	-	-	-	-	1	-	-	1	-	-
		M	7	-	-	-	-	-	1	1	1	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	67	-	-	-	1	7	7	8	10	7	10	8	5	4
		F	21	-	-	-	1	1	5	3	2	2	-	3	4	-
		M	46	-	-	-	-	6	2	5	8	5	10	5	1	4
Total Other land transport accidents	See footnote 3	T	5	-	-	-	-	-	-	-	-	-	2	2	1	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		M	4	-	-	-	-	-	-	-	-	-	1	2	1	-
Railway accidents (not with motor vehicle)	V05, V15, V80.6, V81.2-V81.9	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pedestrian with train	V05	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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)**  
**2016**

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	1	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Rider of animal or occupant of animal-drawn vehicle (not with motor vehicle or train)	V80-V80.2, V80.7-V80.9	T	4	-	-	-	-	-	-	-	-	-	2	1	1	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		M	3	-	-	-	-	-	-	-	-	-	1	1	1	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99, Y85	T	18	-	-	-	-	2	2	1	4	2	5	2	-	-
		F	5	-	-	-	-	-	-	-	2	1	2	-	-	-
		M	13	-	-	-	-	2	2	1	2	1	3	2	-	-
Water transport accidents	V90-V94	T	4	-	-	-	-	2	-	-	-	-	1	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	4	-	-	-	-	2	-	-	-	-	1	1	-	-
Air and space transport accidents	V95-V97	T	8	-	-	-	-	-	2	-	4	-	2	-	-	-
		F	2	-	-	-	-	-	-	-	2	-	-	-	-	-
		M	6	-	-	-	-	-	2	-	2	-	2	-	-	-
Other and unspecified transport accidents and their sequelae	V98-V99, Y85	T	6	-	-	-	-	-	-	1	-	2	2	1	-	-
		F	3	-	-	-	-	-	-	-	-	1	2	-	-	-
		M	3	-	-	-	-	-	-	1	-	1	-	1	-	-
Total Non-Transport accidents	W00-X59, Y86	T	557	5	5	4	3	6	20	55	56	64	71	46	78	144
		F	243	3	2	-	2	4	1	12	20	29	34	19	37	80
		M	314	2	3	4	1	2	19	43	36	35	37	27	41	64
Accidental falls	W00-W19	T	243	-	-	-	-	2	-	2	4	6	14	28	61	126
		F	132	-	-	-	-	1	-	1	2	3	7	14	33	71
		M	111	-	-	-	-	1	-	1	2	3	7	14	28	55

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

**IDAHO RESIDENT MORTALITY**  
**Accidental (Unintentional Injury) Mortality by Cause of Accident, Age Group, and Sex (continued)**  
**2016**

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	6	-	-	1	-	1	-	-	1	1	2	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		M	5	-	-	1	-	1	-	-	-	1	1	1	-	-
Accidental explosion	W39-W40	T	3	-	-	-	-	-	-	-	-	1	1	-	1	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		M	2	-	-	-	-	-	-	-	-	-	1	-	-	1
Accidental drowning and submersion	W65-W74	T	22	1	3	2	1	1	4	1	2	1	4	-	2	-
		F	6	1	1	-	1	1	-	-	-	-	1	-	1	-
		M	16	-	2	2	-	-	4	1	2	1	3	-	1	-
Accidental inhalation and ingestion of food or other object	W78-W80	T	30	-	-	-	-	-	-	-	1	4	4	4	5	12
		F	12	-	-	-	-	-	-	-	1	2	1	1	1	6
		M	18	-	-	-	-	-	-	-	-	2	3	3	4	6
Other accidental and unspecified threats to breathing	W75-W77, W81-W84	T	14	4	1	-	1	-	-	1	2	-	1	2	1	1
		F	6	2	1	-	-	-	-	-	-	-	1	1	-	1
		M	8	2	-	-	1	-	-	1	2	-	-	1	1	-
Accidental exposure to electric current	W85-W87	T	3	-	-	-	-	-	-	1	-	-	2	-	-	-
		F	1	-	-	-	-	-	-	1	-	-	-	-	-	-
		M	2	-	-	-	-	-	-	-	-	-	2	-	-	-
Accidental exposure to radiation	W88-W91	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidental exposure to smoke, fire, flames	X00-X09	T	14	-	-	-	-	1	-	3	-	1	2	4	1	2
		F	6	-	-	-	1	-	1	-	1	1	1	1	-	1
		M	8	-	-	-	-	-	-	2	-	-	1	3	1	1
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	2	-	-	-	-	-	1	-	-	-	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	1	-	-	-	1	-	-	-
Cataclysmic storm and flood	X37-X38	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidental poisoning and exposure to noxious substances	X40-X49	T	188	-	-	-	1	1	15	45	44	43	33	4	2	-
		F	75	-	-	-	1	1	1	9	17	23	20	1	2	-
		M	113	-	-	-	-	-	14	36	27	20	13	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)**  
**2016**

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	181	-	-	-	1	1	13	43	41	43	33	4	2	-
		F	73	-	-	-	1	1	1	9	15	23	20	1	2	-
		M	108	-	-	-	-	-	12	34	26	20	13	3	-	-
Accidental poisoning by other and unspecified solid or liquid substances	X45-X46, X48-X49	T	5	-	-	-	-	-	1	1	3	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	2	-	-	-	-	-
		M	3	-	-	-	-	-	1	1	1	-	-	-	-	-
Accidental poisoning by and exposure to other gases and vapors	X47	T	2	-	-	-	-	-	1	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	1	1	-	-	-	-	-	-
All other and unspecified accidents and their sequelae <sup>1</sup>	See footnote 1	T	32	-	1	1	-	-	-	2	2	7	7	4	5	3
		F	3	-	-	-	-	-	-	-	-	-	1	1	-	1
		M	29	-	1	1	-	-	-	2	2	7	6	3	5	2
Struck by thrown, projected, or falling object	W20	T	4	-	-	1	-	-	-	-	-	1	1	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	4	-	-	1	-	-	-	-	-	1	1	1	-	-
Contact with lifting and transmission devices, not elsewhere classified	W24	T	1	-	-	-	-	-	-	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	1	-	-	-	-	-
Contact with powered lawn mower	W28	T	1	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	1	-	-
Contact with agricultural machinery	W30	T	1	-	-	-	-	-	-	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	1	-	-	-	-	-
Contact with other and unspecified machinery	W31	T	4	-	1	-	-	-	-	1	-	-	2	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	4	-	1	-	-	-	-	1	-	-	2	-	-	-
Bitten or struck by animal other than rat or dog	W55	T	1	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Exposure to excessive natural heat	X30	T	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exposure to excessive natural cold	X31	T	12	-	-	-	-	-	-	-	-	3	3	1	3	2
		F	2	-	-	-	-	-	-	-	-	-	1	1	-	-
		M	10	-	-	-	-	-	-	-	-	3	2	-	3	2
Exposure to unspecified factor	X59	T	2	-	-	-	-	-	-	1	-	-	-	-	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	-	1	-	-	-	-	1	-
Sequelae of other accidents	Y86	T	5	-	-	-	-	-	-	-	-	3	1	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	5	-	-	-	-	-	-	-	-	3	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

### Ten Leading Causes of Injury Mortality<sup>1</sup> by Age Group and Number of Deaths Five-Year Aggregate, 2012-2016

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 25	Accident Motor Vehicle 49	Accident Motor Vehicle 211	Accident Motor Vehicle 177	Accident Poisoning 189	Accident Poisoning 205	Accident Motor Vehicle 163	Accident Motor Vehicle 118	Accident Fall 257	Accident Fall 544	Accident Motor Vehicle 1,198
2	Assault Non-firearm 6	Accident Drowning 12	Suicide Firearm 17	Suicide Firearm 142	Accident Poisoning 160	Accident Motor Vehicle 154	Suicide Firearm 179	Suicide Firearm 159	Suicide Firearm 117	Accident Motor Vehicle 88	Accident Suffocation 68	Accident Fall 1,047
3		Assault Non-firearm 7	(Tie) Accident Drowning; Suicide Suffocation	Accident Poisoning 75	Suicide Firearm 138	Suicide Firearm 136	Accident Motor Vehicle 166	Accident Poisoning 125	Accident Fall 114	Suicide Firearm 62	Accident Motor Vehicle 45	Suicide Firearm 989
4		Accident Suffocation 6		Suicide Suffocation 74	Suicide Suffocation 55	Suicide Poisoning 78	Suicide Suffocation 76	Accident Fall 75	Accident Poisoning 30	Accident Suffocation 22	Suicide Firearm 39	Accident Poisoning 799
5			Accident Suffocation 7	Accident Drowning 23	Suicide Poisoning 29	Suicide Suffocation 57	Suicide Poisoning 63	Suicide Poisoning 55	Accident Suffocation 26	Surgical Complications 19	Surgical Complications 11	Suicide Suffocation 308
6			(Tie) Accident Firearm; Assault Non-firearm	Assault Non-firearm 14	Assault Firearm 24	Undetermined Intent Poisoning 37	Undetermined Intent Poisoning 44	Accident Suffocation 27	Suicide Poisoning 21	Accident Environmental Exposure 12	Accident Environmental Exposure 10	Suicide Poisoning 263
7				Assault Firearm 13	Undetermined Intent Poisoning 21	Assault Firearm 22	Accident Fall 30	(Tie) Suicide Suffocation; Late Effects	Surgical Complications 16	(Tie) Accident Fire; Late Effects	Late Effects 5	Accident Suffocation 222
8				Suicide Poisoning 12	Accident Drowning 14	(Tie) Accident Fall; Accident Suffocation	Late Effects 24	Late Effects 23	Late Effects 14	Late Effects 9	Accident Poisoning 4	Undetermined Intent Poisoning 139
9	Accident Assault/Legal Intervention Suicide			(Tie) Accident Firearm; Accident Water Transport	(Tie) Assault Non-firearm; Legal Intervention Firearm	(Tie) Accident Suffocation 17	Accident Suffocation 21	Undetermined Intent Poisoning 21	(Tie) Accident Environmental Exposure; Accident Fire	(Tie) Accident Drowning; Accident Poisoning		Accident Drowning 113
10								Assault Non-firearm 11	Assault Firearm 10	Surgical Complications 18		
Residual <sup>2</sup>	6	12	15	62	64	84	98	114	66	33	27	737
Total	31	62	118	642	702	802	916	803	548	527	753	5,904

**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.

<sup>1</sup>Data are shown for causes with 4 or more deaths for given age group. <sup>2</sup>All other injury deaths.

**IDAHO RESIDENT MORTALITY**  
**Accidental (Unintentional Injury) Mortality by Type of Accident**  
**2016**

RESIDENCE	TOTAL	Discharge of firearms	Drowning and submersion	Falls	Motor vehicle	Poisoning and exposure to noxious substances <sup>1</sup>	Suffocation <sup>2</sup>	All other accidents
IDAHO	847	6	22	243	267	188	44	77
District 1	123	1	4	40	33	28	5	12
District 2	66	1	-	16	26	11	3	9
District 3	121	2	4	33	41	22	8	11
District 4	190	-	4	60	43	57	11	15
District 5	139	-	4	39	65	13	7	11
District 6	100	-	3	30	24	29	6	8
District 7	108	2	3	25	35	28	4	11
Ada	173	-	4	57	39	52	10	11
Adams	1	-	-	1	-	-	-	-
Bannock	45	-	1	14	10	15	3	2
Bear Lake	5	-	-	1	1	3	-	-
Benewah	7	-	-	1	5	1	-	-
Bingham	33	-	2	8	10	7	2	4
Blaine	8	-	-	2	3	-	-	3
Boise	1	-	-	-	-	-	-	1
Bonner	26	-	1	11	5	4	1	4
Bonneville	63	1	2	15	14	22	3	6
Boundary	7	-	1	2	1	-	1	2
Butte	1	-	-	1	-	-	-	-
Camas	-	-	-	-	-	-	-	-
Canyon	79	-	3	20	30	14	6	6
Caribou	3	-	-	2	1	-	-	-
Cassia	20	-	1	5	10	-	2	2
Clark	1	-	-	-	-	1	-	-
Clearwater	7	-	-	-	7	-	-	-
Custer	2	-	-	-	2	-	-	-
Elmore	11	-	-	1	4	2	1	3
Franklin	6	-	-	-	1	3	-	2
Fremont	5	1	-	1	3	-	-	-
Gem	13	-	-	5	4	1	1	2
Gooding	12	-	-	1	7	2	2	-
Idaho	17	-	-	1	11	1	-	4
Jefferson	14	-	-	3	6	2	1	2
Jerome	19	-	1	4	9	1	2	2
Kootenai	73	1	2	26	16	20	3	5
Latah	13	-	-	5	4	4	-	-
Lemhi	8	-	-	1	5	-	-	2
Lewis	1	-	-	1	-	-	-	-
Lincoln	4	-	-	1	2	1	-	-
Madison	9	-	-	5	2	1	-	1
Minidoka	15	-	-	5	9	1	-	-
Nez Perce	28	1	-	9	4	6	3	5
Oneida	3	-	-	2	-	-	1	-
Owyhee	6	-	-	1	5	-	-	-
Payette	15	1	1	4	1	7	1	-
Power	4	-	-	2	1	1	-	-
Shoshone	10	-	-	-	6	3	-	1
Teton	6	-	1	-	3	2	-	-
Twin Falls	61	-	2	21	25	8	1	4
Valley	5	-	-	2	-	3	-	-
Washington	7	1	-	2	1	-	-	3

<sup>1</sup>Poisoning and exposure to noxious substances includes exposure to drugs, alcohol, vapors, noxious substances, or unspecified chemicals.

<sup>2</sup>Suffocation includes mechanical suffocation and suffocation due to choking on food or object.

**IDAHO RESIDENT MORTALITY**  
**Accidental (Unintentional Injury) Mortality by Place of Injury**  
**2016**

TYPE OF ACCIDENTAL (UNINTENTIONAL INJURY) DEATH	TOTAL	PLACE OF INJURY <sup>1</sup>				
		Home	Street or highway	Other public place	Residential or public institution	Not stated
<b>TOTAL</b>	<b>847</b>	<b>388</b>	<b>248</b>	<b>109</b>	<b>76</b>	<b>26</b>
Motor Vehicle Total	267	6	235	25	1	-
Other and unspecified motor vehicle accident	67	1	63	2	1	-
Motor vehicle, noncollision	66	1	57	8	-	-
Motor vehicle with collision with another vehicle, heavy transport, or bus	51	1	50	-	-	-
Injury to motorcyclist, except with railway train	22	-	22	-	-	-
Injury to occupant of special-use motor vehicle*	18	2	7	9	-	-
Motor vehicle with collision with fixed object	15	-	14	1	-	-
Injury to pedestrian with motor vehicle	14	1	10	3	-	-
Injury to pedestrian with unspecified motor vehicle	9	-	7	2	-	-
Injury to pedal cyclist with motor vehicle	5	-	5	-	-	-
Injury to motorcyclist with collision with train	-	-	-	-	-	-
Injury to occupant of three-wheeled motor vehicle	-	-	-	-	-	-
Motor vehicle with collision with train	-	-	-	-	-	-
Injury to rider or occupant of animal-drawn vehicle with motor vehicle	-	-	-	-	-	-
Non-Motor Vehicle Total	580	382	13	84	75	26
Falls	243	157	2	16	68	-
Poisoning and exposure to noxious substances	188	160	3	17	5	3
Suffocation, food or object	30	8	-	-	2	20
Drowning and submersion	22	10	-	12	-	-
Other and unspecified external causes of accidental injury	22	9	1	10	-	2
Suffocation, mechanical	14	9	-	4	-	1
Fire	14	12	1	1	-	-
Exposure to excessive natural cold	12	7	1	4	-	-
Air and space transportation accident	8	-	-	8	-	-
Other and unspecified land transport accident	6	1	5	-	-	-
Firearm	6	5	-	1	-	-
Rider of animal or occupant of animal-drawn vehicle not with motor vehicle or train	4	2	-	2	-	-
Water transportation accident	4	-	-	4	-	-
Exposure to electric current	3	1	-	2	-	-
Lightning, avalanche, earthquake, volcano, storm, or flood	2	-	-	2	-	-
Pedal cyclist not with motor vehicle or train	1	-	-	1	-	-
Exposure to excessive natural heat	1	1	-	-	-	-
Pedestrian not with motor vehicle or train	-	-	-	-	-	-
Railroad not with motor vehicle	-	-	-	-	-	-
Person injured in other and unspecified land transport accident (includes streetcar)	-	-	-	-	-	-

<sup>1</sup>Place 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 IDAHO<sup>1</sup>**  
**Manner of Death by Sex and Age**  
**2016**

MANNER OF DEATH	TOTAL	SEX		AGE GROUP <sup>2</sup>					
		Male	Female	<15	15-24	25-44	45-64	65-74	75+
TOTAL	31	28	3	-	1	12	12	4	2
Accidental (unintentional injury)	31	28	3	-	1	12	12	4	2
Intentional self-harm (suicide)	-	-	-	-	-	-	-	-	-
Assault (homicide)	-	-	-	-	-	-	-	-	-
Undetermined intent	-	-	-	-	-	-	-	-	-
Operations of war and their sequelae <sup>2</sup>	-	-	-	-	-	-	-	-	-

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

<sup>2</sup>Operations 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**  
**2016**

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	4	1	6	-	-	13	3	4
Administrative Support & Waste Management	2	-	-	1	-	-	1	-	-
Agriculture, Forestry, Fishing, & Hunting	11	3	-	-	-	-	6	1	1
Construction	7	-	1	4	-	-	2	-	-
Education Services	1	-	-	-	-	-	-	-	1
Health Care & Social Assistance	1	-	-	-	-	-	-	1	-
Information	1	-	-	-	-	-	1	-	-
Manufacturing	1	1	-	-	-	-	-	-	-
Non-Paid Workers	2	-	-	-	-	-	1	-	1
Public Administration	1	-	-	1	-	-	-	-	-
Transportation & Warehousing	4	-	-	-	-	-	2	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 MORTALITY**  
**Alcohol-Induced, Drug-Induced, and Firearm Injury Mortality**  
**By Health District of Residence, Age Group, Sex, and Manner**  
**2016 Idaho and 2015 U.S.**

	CAUSE OF DEATH					
	Alcohol-Induced		Drug-Induced		Firearm-Injury	
	Number	Rate	Number	Rate	Number	Rate
U.S. <sup>1</sup>	10.3		17.2		11.3	
IDAHO	221	13.1	261	15.5	241	14.3
<b>HEALTH DISTRICT</b>						
District 1	39	17.0	33	14.3	27	11.7
District 2	14	13.0	15	13.9	29	26.8
District 3	38	13.7	34	12.3	38	13.7
District 4	60	12.3	79	16.2	73	15.0
District 5	26	13.4	27	13.9	28	14.4
District 6	25	14.7	38	22.3	24	14.1
District 7	19	8.8	35	16.2	22	10.2
<b>AGE GROUP</b>						
< 15	-	-	1	0.3	3	0.8
15-19	-	-	3	2.5	17	14.3
20-24	2	1.8	15	13.4	20	17.9
25-34	10	4.5	54	24.4	26	11.7
35-44	19	9.2	62	30.1	41	19.9
45-54	43	21.7	59	29.7	52	26.2
55-64	77	37.0	52	25.0	31	14.9
65-74	55	35.8	12	7.8	32	20.8
75-84	13	17.9	3	4.1	13	17.9
85 +	2	7.0	-	-	6	21.1
<b>SEX</b>						
Female	67	8.0	111	13.2	39	4.6
Male	154	18.3	150	17.8	202	23.9
<b>MANNER<sup>2</sup> (percentage)</b>						
Accidents (unintentional injury)	5	2.3%	181	69.3%	6	2.5%
Assault (homicide)	-	-	-	-	15	6.2%
Intentional self-harm (suicide)	-	-	38	14.6%	214	88.8%
Legal intervention	-	-	-	-	6	2.5%
Natural	216	97.7%	17	6.5%	-	-
Undetermined intent	-	-	25	9.6%	-	-

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.

<sup>1</sup>Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2015 on CDC WONDER Online Database, released December, 2016.

<sup>2</sup>Manner 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**  
**Alcohol-Induced, Drug-Induced, and Firearm Injury Mortality**  
**2016**

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 Rate <sup>1</sup>	Average Number of YPLL per Death
			YPLL		
Alcohol-Induced	206	3.6%	3,719	235	18.1
Drug-Induced	258	4.5%	7,925	501	30.7
Firearm-Injury	222	3.8%	6,783	429	30.6

<sup>1</sup>YPLL 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, drug-induced, and firearm injury deaths are subsets of rankable causes of mortality and are not ranked for leading causes of mortality.

**IDAHO RESIDENT MORTALITY**  
**Disposition Method<sup>1</sup>**  
**2016**

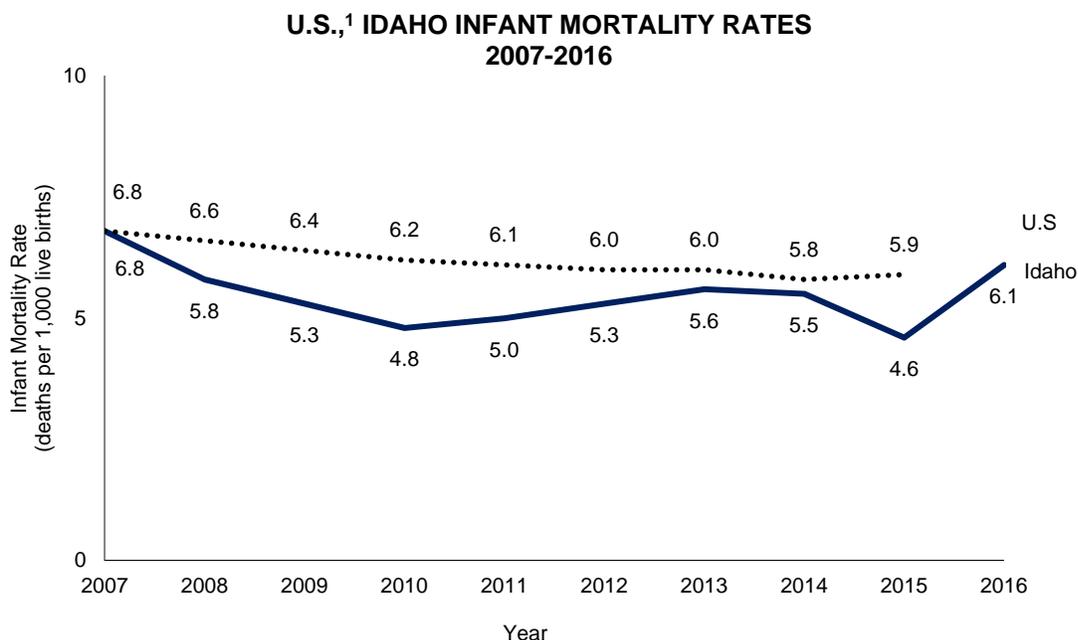
RESIDENCE	TOTAL DEATHS	DISPOSITION METHOD								
		Burial and entombment		Cremation		Donation		Removal from Idaho		Other/ not stated
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number
IDAHO	13,370	3,935	29.4%	8,326	62.3%	16	0.1%	1,091	8.2%	2
District 1	2,268	291	12.8%	1,714	75.6%	2	0.1%	261	11.5%	-
District 2	1,111	244	22.0%	689	62.0%	2	0.2%	176	15.8%	-
District 3	2,153	599	27.8%	1,384	64.3%	1	-	168	7.8%	1
District 4	3,338	755	22.6%	2,409	72.2%	3	0.1%	171	5.1%	-
District 5	1,595	544	34.1%	989	62.0%	6	0.4%	56	3.5%	-
District 6	1,456	785	54.0%	572	39.3%	1	0.1%	97	6.7%	1
District 7	1,449	717	49.5%	569	39.3%	1	0.1%	162	11.2%	-
Ada	2,987	681	22.8%	2,152	72.0%	2	0.1%	152	5.1%	-
Adams	40	12	30.0%	27	67.5%	-	-	1	2.5%	-
Bannock	716	328	45.9%	351	49.1%	-	-	36	5.0%	1
Bear Lake	58	43	74.1%	3	5.2%	-	-	12	20.7%	-
Benewah	132	28	21.2%	90	68.2%	-	-	14	10.6%	-
Bingham	396	245	61.9%	131	33.1%	1	0.3%	19	4.8%	-
Blaine	109	20	18.3%	87	79.8%	-	-	2	1.8%	-
Boise	54	12	22.2%	35	64.8%	-	-	7	13.0%	-
Bonner	445	65	14.6%	303	68.1%	2	0.4%	75	16.9%	-
Bonneville	875	400	45.7%	415	47.4%	-	-	60	6.9%	-
Boundary	113	21	18.6%	81	71.7%	-	-	11	9.7%	-
Butte	25	7	28.0%	18	72.0%	-	-	-	-	-
Camas	7	-	-	5	71.4%	1	14.3%	1	14.3%	-
Canyon	1,498	416	27.8%	984	65.7%	-	-	97	6.5%	1
Caribou	62	37	59.7%	18	29.0%	-	-	7	11.3%	-
Cassia	185	93	50.3%	81	43.8%	1	0.5%	10	5.4%	-
Clark	6	3	50.0%	2	33.3%	-	-	1	16.7%	-
Clearwater	116	17	14.7%	96	82.8%	-	-	3	2.6%	-
Custer	41	10	24.4%	16	39.0%	-	-	15	36.6%	-
Elmore	211	47	22.3%	154	73.0%	1	0.5%	9	4.3%	-
Franklin	96	65	67.7%	15	15.6%	-	-	16	16.7%	-
Fremont	104	65	62.5%	35	33.7%	-	-	4	3.8%	-
Gem	213	61	28.6%	141	66.2%	-	-	11	5.2%	-
Gooding	154	54	35.1%	95	61.7%	-	-	5	3.2%	-
Idaho	194	55	28.4%	132	68.0%	-	-	7	3.6%	-
Jefferson	174	112	64.4%	55	31.6%	-	-	7	4.0%	-
Jerome	190	49	25.8%	128	67.4%	2	1.1%	11	5.8%	-
Kootenai	1,387	161	11.6%	1,071	77.2%	-	-	155	11.2%	-
Latah	243	44	18.1%	60	24.7%	1	0.4%	138	56.8%	-
Lemhi	90	25	27.8%	20	22.2%	-	-	45	50.0%	-
Lewis	45	13	28.9%	30	66.7%	-	-	2	4.4%	-
Lincoln	32	9	28.1%	21	65.6%	-	-	2	6.3%	-
Madison	113	85	75.2%	17	15.0%	1	0.9%	10	8.8%	-
Minidoka	153	75	49.0%	76	49.7%	-	-	2	1.3%	-
Nez Perce	513	115	22.4%	371	72.3%	1	0.2%	26	5.1%	-
Oneida	33	25	75.8%	6	18.2%	-	-	2	6.1%	-
Owyhee	97	33	34.0%	59	60.8%	-	-	5	5.2%	-
Payette	200	48	24.0%	108	54.0%	1	0.5%	43	21.5%	-
Power	70	35	50.0%	30	42.9%	-	-	5	7.1%	-
Shoshone	191	16	8.4%	169	88.5%	-	-	6	3.1%	-
Teton	46	17	37.0%	9	19.6%	-	-	20	43.5%	-
Twin Falls	765	244	31.9%	496	64.8%	2	0.3%	23	3.0%	-
Valley	86	15	17.4%	68	79.1%	-	-	3	3.5%	-
Washington	105	29	27.6%	65	61.9%	-	-	11	10.5%	-

<sup>1</sup>Disposition 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. increased 1.7%, from 5.8 deaths per 1,000 live births in 2014 to 5.9 in 2015 (the last year of available data).<sup>1</sup> The infant mortality rate for Idaho residents increased 32.6%, from 4.6 deaths per 1,000 live births in 2015 to 6.1 in 2016. In 2015, there were 23,455 infant deaths in the U.S., compared with 23,215 in 2014.<sup>1</sup> In 2016, there were 137 infant deaths for Idaho residents, compared with 106 in 2015.



### U.S. and Idaho Leading Causes of Infant Mortality

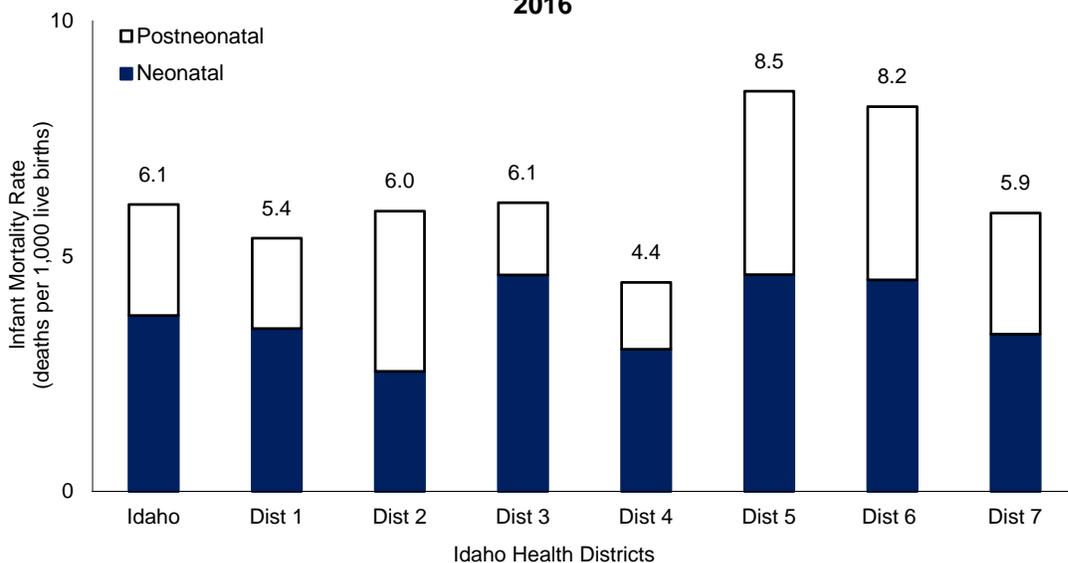
Neonatal mortality is defined as death at less than 28 days of age and postneonatal mortality is defined as death from 28 days to 364 days of age. In Idaho, the neonatal mortality rate increased 19.4%, from 3.1 deaths per 1,000 live births in 2015 to 3.7 in 2016. The postneonatal mortality rate increased 60%, from 1.5 deaths per 1,000 live births in 2015 to 2.4 in 2016. The U.S. neonatal mortality rate was 3.9 and the postneonatal mortality rate was 2.0 in 2015.<sup>1</sup>

District 5 experienced the highest infant mortality rate in 2016 with 8.5 deaths per 1,000 live births followed by District 6 (8.2). District 4 had the lowest rate in 2016 (4.4). Neonatal mortality ranged from a low of 2.6 deaths per 1,000 births in District 2 to a high of 4.6 in Districts 3 and 5. Postneonatal mortality ranged from a low of 1.4 deaths per 1,000 live births in District 4 to a high of 3.9 in District 5.

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 2005-2007 through 2014-2016 are provided by District and county.

**U.S. and Idaho  
Leading Causes  
of Infant Mortality**

**IDAHO, DISTRICT INFANT MORTALITY RATES  
Neonatal and Postneonatal  
2016**



In 2016, there were 57 deaths for Idaho resident infants due to Certain conditions originating in the perinatal period, compared with 42 deaths in 2015. 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) (34 deaths; 151.4 deaths per 100,000 births). Disorders related to short gestation and low birth weight was the second leading cause of infant mortality (16 deaths; 71.2 deaths per 100,000 births), followed by Newborn affected by maternal complications of pregnancy and Sudden infant death syndrome (SIDs) (each 13 deaths; 57.9 deaths per 100,000 births). The leading cause of infant mortality in 2015 in the U.S. was Congenital malformations, deformations and chromosomal abnormalities (birth defects) (121.3 deaths per 100,000 live births), followed by Disorders related to short gestation and low birth weight (102.7 deaths per 100,000 live births).<sup>1</sup>

**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 2016, there were 114 stillbirths for Idaho residents; the ratio of stillbirths to live births was 5.1 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 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 2016, there were 186 perinatal deaths for Idaho residents. The Idaho perinatal mortality ratio in 2016 was 8.3 deaths per 1,000 live births, a 6.7% decrease from 2015 (8.9).

## 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.”<sup>2</sup>

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.<sup>2</sup> 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 2016, there were six maternal deaths to Idaho residents (ratio of 26.7 deaths per 100,000 live births). There were two deaths due to pregnancy, childbirth, and the puerperium occurring 43 days to one year after delivery or termination of pregnancy. Overall from 2007 to 2016, there have been 48 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 particular 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.

<sup>1</sup> Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2015 on CDC WONDER Online Database, released December, 2016.

<sup>2</sup> 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 Rates<sup>1</sup>**  
**2012-2016**

RESIDENCE	2016		2015		2014		2013		2012	
	Number	Rate								
U.S. <sup>2</sup>	NA		5.9		5.8		6.0		6.0	
IDAHO	137	6.1	106	4.6	126	5.5	126	5.6	121	5.3
District 1	14	5.4	12	4.5	17	6.5	11	4.4	12	4.8
District 2	7	6.0	5	4.1	10	8.5	9	7.8	6	4.8
District 3	24	6.1	21	5.3	24	6.0	29	7.5	26	6.7
District 4	25	4.4	25	4.4	27	4.7	23	4.1	25	4.4
District 5	24	8.5	15	5.4	17	6.1	19	6.7	21	7.3
District 6	20	8.2	10	3.9	11	4.3	17	6.6	8	3.0
District 7	23	5.9	18	4.5	20	5.0	18	4.7	23	5.7
Ada	24	4.8	22	4.3	23	4.5	20	4.0	23	4.5
Adams	-	-	-	-	-	-	1	35.7	-	-
Bannock	8	6.7	5	4.0	7	5.3	6	4.8	5	3.8
Bear Lake	-	-	-	-	-	-	2	25.3	-	-
Benewah	-	-	-	-	2	18.7	2	18.9	-	-
Bingham	7	10.6	4	5.4	1	1.5	6	8.1	2	2.6
Blaine	1	5.0	2	8.4	-	-	-	-	1	4.3
Boise	-	-	-	-	-	-	-	-	-	-
Bonner	2	4.6	5	13.2	5	11.6	1	2.5	2	5.1
Bonneville	16	8.4	11	5.6	14	7.5	10	5.4	9	4.5
Boundary	-	-	-	-	1	7.6	1	7.8	1	8.3
Butte	1	33.3	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	20	6.4	16	5.0	20	6.2	23	7.5	18	5.8
Caribou	1	11.2	-	-	1	12.0	-	-	-	-
Cassia	6	15.7	1	2.9	4	10.7	3	7.8	2	5.3
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	3	41.7	1	17.9	-	-	-	-	1	14.1
Custer	-	-	-	-	-	-	-	-	-	-
Elmore	1	2.2	2	4.6	4	8.1	3	6.2	2	4.6
Franklin	1	5.0	1	5.1	-	-	1	4.9	1	4.9
Fremont	-	-	2	11.5	1	5.1	-	-	2	10.2
Gem	2	9.7	2	9.3	3	15.6	2	10.1	-	-
Gooding	6	26.4	2	9.9	1	5.0	2	9.6	2	10.2
Idaho	-	-	1	6.0	2	12.7	2	14.8	1	5.7
Jefferson	2	4.5	-	-	-	-	3	6.2	4	8.1
Jerome	9	22.4	-	-	7	18.2	8	19.6	3	7.4
Kootenai	11	6.3	7	3.8	8	4.5	7	4.1	9	5.2
Latah	4	9.4	2	4.3	4	8.9	3	6.9	1	2.2
Lemhi	-	-	1	11.4	2	30.8	-	-	-	-
Lewis	-	-	-	-	-	-	-	-	-	-
Lincoln	-	-	1	11.6	-	-	-	-	3	38.5
Madison	4	3.7	4	3.8	2	1.7	2	1.8	7	6.4
Minidoka	1	3.3	2	6.6	2	6.1	1	3.0	6	17.3
Nez Perce	-	-	1	2.1	4	8.3	4	8.5	3	5.8
Oneida	-	-	-	-	-	-	1	21.3	-	-
Owyhee	1	7.4	1	6.9	-	-	1	8.1	2	13.0
Payette	1	3.5	2	6.8	1	3.2	2	6.6	6	19.5
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	1	6.0
Twin Falls	1	0.8	7	6.0	3	2.5	5	4.1	4	3.2
Valley	-	-	1	11.4	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-

NA=not available.

<sup>1</sup>Rates 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.

<sup>2</sup>Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2015 on CDC WONDER Online Database, released December, 2016.

**IDAHO RESIDENT INFANT MORTALITY**  
**Sex, Race and Ethnicity<sup>1</sup> of Infant**  
**2016**

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	137	75	62	124	1	4	1	7	106	31
District 1	14	8	6	14	-	-	-	-	13	1
District 2	7	2	5	7	-	-	-	-	7	-
District 3	24	14	10	20	-	-	-	4	15	9
District 4	25	16	9	23	1	-	1	-	23	2
District 5	24	16	8	21	-	-	-	3	12	12
District 6	20	9	11	16	-	4	-	-	17	3
District 7	23	10	13	23	-	-	-	-	19	4
Ada	24	15	9	22	1	-	1	-	23	1
Adams	-	-	-	-	-	-	-	-	-	-
Bannock	8	3	5	6	-	2	-	-	6	2
Bear Lake	-	-	-	-	-	-	-	-	-	-
Benewah	-	-	-	-	-	-	-	-	-	-
Bingham	7	4	3	5	-	2	-	-	6	1
Blaine	1	1	-	1	-	-	-	-	1	-
Boise	-	-	-	-	-	-	-	-	-	-
Bonner	2	1	1	2	-	-	-	-	2	-
Bonneville	16	9	7	16	-	-	-	-	12	4
Boundary	-	-	-	-	-	-	-	-	-	-
Butte	1	-	1	1	-	-	-	-	1	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	20	12	8	17	-	-	-	3	13	7
Caribou	1	-	1	1	-	-	-	-	1	-
Cassia	6	5	1	6	-	-	-	-	4	2
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	3	-	3	3	-	-	-	-	3	-
Custer	-	-	-	-	-	-	-	-	-	-
Elmore	1	1	-	1	-	-	-	-	-	1
Franklin	1	-	1	1	-	-	-	-	1	-
Fremont	-	-	-	-	-	-	-	-	-	-
Gem	2	-	2	2	-	-	-	-	1	1
Gooding	6	5	1	5	-	-	-	1	1	5
Idaho	-	-	-	-	-	-	-	-	-	-
Jefferson	2	-	2	2	-	-	-	-	2	-
Jerome	9	3	6	7	-	-	-	2	5	4
Kootenai	11	7	4	11	-	-	-	-	10	1
Latah	4	2	2	4	-	-	-	-	4	-
Lemhi	-	-	-	-	-	-	-	-	-	-
Lewis	-	-	-	-	-	-	-	-	-	-
Lincoln	-	-	-	-	-	-	-	-	-	-
Madison	4	-	4	4	-	-	-	-	4	-
Minidoka	1	1	-	1	-	-	-	-	-	1
Nez Perce	-	-	-	-	-	-	-	-	-	-
Oneida	-	-	-	-	-	-	-	-	-	-
Owyhee	1	1	-	-	-	-	-	1	-	1
Payette	1	1	-	1	-	-	-	-	1	-
Power	2	2	-	2	-	-	-	-	2	-
Shoshone	1	-	1	1	-	-	-	-	1	-
Teton	1	1	-	1	-	-	-	-	1	-
Twin Falls	1	1	-	1	-	-	-	-	1	-
Valley	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-

<sup>1</sup>Race 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**  
**2016 Idaho and 2015 U.S.**

CAUSE OF DEATH AND ICD-10 CODE(S)	IDAHO						U.S. <sup>1</sup>
	Total		Neonatal		Postneonatal		Total
	Number	Rate	Number	Rate	Number	Rate	Rate
TOTAL	137	609.9	84	374.0	53	236.0	589.6
Influenza and pneumonia (J09-J18)	-	-	-	-	-	-	4.4
Certain conditions originating in the perinatal period (P00-P96)	57	253.8	54	240.4	3	13.4	291.9
Newborn affected by maternal complications of pregnancy (P01)	13	57.9	11	49.0	2	8.9	69.9
Newborn affected by complications of placenta, cord and membranes (P02)	5	22.3	4	17.8	1	4.5	22.9
Disorders related to short gestation and low birth weight, not elsewhere classified (P07)	16	71.2	16	71.2	-	-	102.7
Intrauterine hypoxia and birth asphyxia (P20-P21)	-	-	-	-	-	-	7.9
Respiratory distress of newborn (P22)	2	8.9	2	8.9	-	-	11.6
Bacterial sepsis of newborn (P36)	-	-	-	-	-	-	15.1
Neonatal hemorrhage (P50-P52, P54)	3	13.4	3	13.4	-	-	10.2
Other conditions originating in the perinatal period	18	80.1	18	80.1	-	-	30.9
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)	34	151.4	26	115.8	8	35.6	121.3
Sudden infant death syndrome (R95)	13	57.9	2	8.9	11	49.0	39.4
Other symptoms, signs, and abnormal clinical and laboratory findings NEC(R00-R53, R55-R94, R96-R99)	5	22.3	-	-	5	22.3	31.4
Accidents (V01-X59, Y85-Y86)	5	22.3	-	-	5	22.3	32.5
Assault (homicide X85-Y09, Y87.1)	2	8.9	-	-	2	8.9	6.6
All other causes	21	93.5	2	8.9	19	84.6	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.

<sup>1</sup>Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2015 on CDC WONDER Online Database, released December, 2016.

**IDAHO RESIDENT INFANT MORTALITY**  
**Neonatal and Postneonatal Mortality by Age of Mother**  
**2016**

AGE OF MOTHER (at time of birth)	Total		Neonatal		Postneonatal	
	Number	Rate	Number	Rate	Number	Rate
TOTAL	137	6.1	84	3.7	53	2.4
<15	-	-	-	-	-	-
15-19	10	8.6	6	5.1	4	3.4
15-17	3	10.8	1	3.6	2	7.2
18-19	7	7.9	5	5.6	2	2.2
20-34	105	5.7	63	3.4	42	2.3
35+	19	6.7	13	4.6	6	2.1
Unknown	3	NA	2	NA	1	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, 2014-2016**

RESIDENCE	THREE-YEAR TOTAL INFANT DEATHS		CAUSE OF INFANT DEATH						
			Congenital malform- ations <sup>1</sup>	Short Gestation / Unspecified Low Birth Weight	Respiratory Distress of Newborn	All Other Conditions Originating in Perinatal Period	Sudden Infant Death Syndrome (SIDS)	External Causes <sup>2</sup>	All Other Causes
	Number	Rate							
IDAHO	369	5.4	100	43	3	111	36	21	55
District 1	43	5.5	12	6	1	10	9	3	2
District 2	22	6.2	3	2	1	5	4	3	4
District 3	69	5.8	22	11	-	21	1	3	11
District 4	77	4.5	17	10	-	30	6	1	13
District 5	56	6.7	18	6	1	16	5	4	6
District 6	41	5.4	14	-	-	10	6	1	10
District 7	61	5.2	14	8	-	19	5	6	9
Ada	69	4.5	15	10	-	27	6	-	11
Adams	-	-	-	-	-	-	-	-	-
Bannock	20	5.3	6	-	-	5	4	-	5
Bear Lake	-	-	-	-	-	-	-	-	-
Benewah	2	6.2	1	-	-	1	-	-	-
Bingham	12	5.8	2	-	-	3	1	1	5
Blaine	3	4.5	1	-	1	-	-	-	1
Boise	-	-	-	-	-	-	-	-	-
Bonner	12	9.6	3	3	-	3	2	-	1
Bonneville	41	7.1	8	8	-	12	2	5	6
Boundary	1	2.3	1	-	-	-	-	-	-
Butte	1	12.0	1	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-
Canyon	56	5.9	17	8	-	16	1	3	11
Caribou	2	7.8	1	-	-	1	-	-	-
Cassia	11	10.0	5	-	-	3	2	1	-
Clark	-	-	-	-	-	-	-	-	-
Clearwater	4	21.5	1	-	-	-	1	1	1
Custer	-	-	-	-	-	-	-	-	-
Elmore	7	5.1	1	-	-	3	-	1	2
Franklin	2	3.5	2	-	-	-	-	-	-
Fremont	3	5.5	1	-	-	1	1	-	-
Gem	7	11.4	3	-	-	4	-	-	-
Gooding	9	14.3	2	1	-	3	1	1	1
Idaho	3	6.4	-	1	-	1	-	-	1
Jefferson	2	1.5	1	-	-	-	-	-	1
Jerome	16	13.3	4	2	-	7	-	1	2
Kootenai	26	4.8	6	3	1	5	7	3	1
Latah	10	7.5	2	-	1	4	2	1	-
Lemhi	3	12.9	-	-	-	2	-	1	-
Lewis	-	-	-	-	-	-	-	-	-
Lincoln	1	4.9	1	-	-	-	-	-	-
Madison	10	3.0	4	-	-	3	2	-	1
Minidoka	5	5.4	2	-	-	1	1	1	-
Nez Perce	5	3.4	-	1	-	-	1	1	2
Oneida	-	-	-	-	-	-	-	-	-
Owyhee	2	4.7	-	1	-	1	-	-	-
Payette	4	4.5	2	2	-	-	-	-	-
Power	4	10.0	2	-	-	1	1	-	-
Shoshone	2	4.4	1	-	-	1	-	-	-
Teton	2	4.5	-	-	-	1	-	-	1
Twin Falls	11	3.0	3	3	-	2	1	-	2
Valley	1	3.7	1	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-

Rates are deaths of infants under one year of age per 1,000 live births in 2014, 2015, and 2016. Rates are unreliable when the rate was calculated with a numerator (number of deaths) <20.

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

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

**IDAHO RESIDENT INFANT MORTALITY**  
**Neonatal and Postneonatal Mortality**  
**2016 Idaho and 2015 U.S.**

RESIDENCE	TOTAL LIVE BIRTHS	INFANT DEATHS					
		Total <sup>1</sup>		Neonatal <sup>2</sup>		Postneonatal <sup>3</sup>	
		Number	Rate	Number	Rate	Number	Rate
U.S. <sup>4</sup>			5.9		3.9		2.0
IDAHO	22,462	137	6.1	84	3.7	53	2.4
District 1	2,600	14	5.4	9	3.5	5	1.9
District 2	1,175	7	6.0	3	2.6	4	3.4
District 3	3,911	24	6.1	18	4.6	6	1.5
District 4	5,625	25	4.4	17	3.0	8	1.4
District 5	2,821	24	8.5	13	4.6	11	3.9
District 6	2,445	20	8.2	11	4.5	9	3.7
District 7	3,885	23	5.9	13	3.3	10	2.6
Ada	5,023	24	4.8	17	3.4	7	1.4
Adams	37	-	-	-	-	-	-
Bannock	1,200	8	6.7	4	3.3	4	3.3
Bear Lake	90	-	-	-	-	-	-
Benewah	103	-	-	-	-	-	-
Bingham	661	7	10.6	3	4.5	4	6.1
Blaine	202	1	5.0	1	5.0	-	-
Boise	49	-	-	-	-	-	-
Bonner	437	2	4.6	2	4.6	-	-
Bonneville	1,910	16	8.4	8	4.2	8	4.2
Boundary	156	-	-	-	-	-	-
Butte	30	1	33.3	1	33.3	-	-
Camas	8	-	-	-	-	-	-
Canyon	3,129	20	6.4	14	4.5	6	1.9
Caribou	89	1	11.2	1	11.2	-	-
Cassia	383	6	15.7	1	2.6	5	13.1
Clark	7	-	-	-	-	-	-
Clearwater	72	3	41.7	-	-	3	41.7
Custer	47	-	-	-	-	-	-
Elmore	457	1	2.2	-	-	1	2.2
Franklin	202	1	5.0	1	5.0	-	-
Fremont	176	-	-	-	-	-	-
Gem	207	2	9.7	2	9.7	-	-
Gooding	227	6	26.4	3	13.2	3	13.2
Idaho	143	-	-	-	-	-	-
Jefferson	448	2	4.5	-	-	2	4.5
Jerome	401	9	22.4	7	17.5	2	5.0
Kootenai	1,756	11	6.3	6	3.4	5	2.8
Latah	424	4	9.4	3	7.1	1	2.4
Lemhi	80	-	-	-	-	-	-
Lewis	39	-	-	-	-	-	-
Lincoln	56	-	-	-	-	-	-
Madison	1,073	4	3.7	4	3.7	-	-
Minidoka	304	1	3.3	1	3.3	-	-
Nez Perce	497	-	-	-	-	-	-
Oneida	50	-	-	-	-	-	-
Owyhee	136	1	7.4	1	7.4	-	-
Payette	289	1	3.5	1	3.5	-	-
Power	123	2	16.3	1	8.1	1	8.1
Shoshone	148	1	6.8	1	6.8	-	-
Teton	144	1	6.9	1	6.9	-	-
Twin Falls	1,240	1	0.8	-	-	1	0.8
Valley	96	-	-	-	-	-	-
Washington	113	-	-	-	-	-	-

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

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

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

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

<sup>4</sup>CDC, NCHS. Underlying Cause of Death 1999-2015 on CDC WONDER Online Database, released December, 2016.

**IDAHO RESIDENT INFANT MORTALITY**  
**Three-Year Rates<sup>1</sup>**  
**2005-2007 Through 2014-2016**

RESIDENCE	2014-2016	2013-2015	2012-2014	2011-2013	2010-2012	2009-2011	2008-2010	2007-2009	2006-2008	2005-2007
IDAHO	5.4	5.3	5.5	5.3	5.0	5.1	5.3	6.0	6.4	6.6
District 1	5.5	5.2	5.3	4.8	4.5	3.4	3.5	4.9	6.0	6.7
District 2	6.2	6.7	7.0	7.0	7.3	7.1	6.1	5.2	5.9	6.7
District 3	5.8	6.3	6.7	6.6	5.2	5.1	5.5	6.6	7.8	8.0
District 4	4.5	4.4	4.4	4.5	4.6	4.9	5.1	5.8	6.2	6.7
District 5	6.7	6.1	6.7	6.1	6.2	6.2	7.1	7.5	7.3	6.8
District 6	5.4	4.9	4.6	5.0	4.4	4.9	5.1	5.8	6.1	6.0
District 7	5.2	4.7	5.1	4.7	4.7	4.8	5.2	5.5	5.3	5.0
Ada	4.5	4.3	4.3	4.4	4.6	4.8	5.1	5.7	6.2	6.4
Adams	-	11.8	11.4	11.6	-	-	-	8.0	7.6	8.1
Bannock	5.3	4.7	4.6	4.6	4.9	4.8	4.5	5.2	6.1	6.6
Bear Lake	-	8.4	7.7	12.9	8.2	12.3	7.9	4.2	9.0	8.6
Benewah	6.2	12.2	11.9	8.9	2.9	6.0	3.0	11.8	8.5	11.0
Bingham	5.8	5.1	4.1	5.3	3.9	4.7	6.5	7.5	7.2	6.5
Blaine	4.5	3.0	1.5	1.5	4.3	6.8	6.0	4.6	3.3	7.7
Boise	-	-	-	8.4	8.5	6.9	-	-	-	6.9
Bonner	9.6	9.1	6.6	3.4	4.3	2.5	3.2	5.4	8.5	9.7
Bonneville	7.1	6.2	5.8	4.7	4.4	4.1	5.0	5.2	6.5	5.6
Boundary	2.3	5.0	7.9	5.3	2.8	-	2.6	2.5	2.4	2.5
Butte	12.0	-	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	5.9	6.2	6.5	6.6	5.4	5.5	5.7	6.5	8.1	7.7
Caribou	7.8	3.7	3.7	3.7	7.1	13.8	9.6	9.9	9.8	9.9
Cassia	10.0	7.3	7.9	5.2	5.1	4.1	3.2	4.8	7.4	8.4
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	21.5	5.3	4.9	9.6	10.5	5.1	-	-	-	4.5
Custer	-	-	-	-	-	-	-	-	-	8.4
Elmore	5.1	6.4	6.3	5.7	5.6	6.5	6.4	8.1	8.0	9.8
Franklin	3.5	3.5	3.4	5.1	3.3	3.3	4.5	4.5	3.0	-
Fremont	5.5	5.4	5.2	6.8	6.4	3.1	-	-	1.5	4.4
Gem	11.4	11.6	8.3	3.4	-	1.8	3.4	3.1	1.4	4.1
Gooding	14.3	8.2	8.3	8.4	11.1	7.1	6.6	6.5	8.2	8.2
Idaho	6.4	10.8	10.7	6.5	6.2	6.3	8.0	4.0	2.1	2.2
Jefferson	1.5	2.1	4.9	6.1	5.3	7.0	7.3	8.0	4.5	3.5
Jerome	13.3	12.3	15.0	9.1	4.9	8.7	12.3	13.0	7.9	5.8
Kootenai	4.8	4.1	4.6	5.1	4.7	3.5	3.4	4.3	5.1	5.6
Latah	7.5	6.7	6.0	6.7	8.9	9.5	7.9	4.3	3.0	0.8
Lemhi	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	4.9	4.5	14.0	13.3	12.4	-	-	-	-	-
Madison	3.0	2.4	3.3	3.4	4.4	5.2	5.7	6.6	5.4	5.4
Minidoka	5.4	5.2	9.0	9.0	8.0	2.1	1.0	4.0	6.0	5.0
Nez Perce	3.4	6.3	7.5	7.7	5.6	5.2	3.6	7.4	10.9	14.8
Oneida	-	6.9	7.1	6.8	-	-	-	-	-	-
Owyhee	4.7	4.9	7.2	7.2	4.7	4.7	9.0	12.6	12.1	12.0
Payette	4.5	5.5	9.8	9.7	9.4	5.1	6.0	8.6	8.6	12.7
Power	10.0	7.4	7.1	2.5	2.5	2.6	2.4	4.8	4.8	5.1
Shoshone	4.4	2.2	2.5	-	5.6	5.3	7.6	8.0	10.7	10.9
Teton	4.5	8.9	11.1	8.4	4.0	3.7	5.2	4.8	3.6	2.0
Twin Falls	3.0	4.2	3.3	4.7	5.8	7.4	9.1	8.8	8.9	7.0
Valley	3.7	3.8	-	-	-	3.6	2.9	2.6	-	3.2
Washington	-	-	-	-	-	-	-	-	2.6	7.4

<sup>1</sup>Rates 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 Ratios<sup>1</sup>**  
**2012-2016**

RESIDENCE	2016		2015		2014		2013		2012	
	Number	Ratio								
IDAHO	114	5.1	142	6.2	114	5.0	109	4.9	115	5.0
District 1	15	5.8	14	5.3	12	4.6	11	4.4	20	8.0
District 2	11	9.4	9	7.4	7	5.9	10	8.6	6	4.8
District 3	22	5.6	26	6.6	23	5.7	19	4.9	25	6.4
District 4	17	3.0	36	6.3	20	3.5	16	2.9	17	3.0
District 5	14	5.0	17	6.1	21	7.5	10	3.5	17	5.9
District 6	17	7.0	16	6.3	12	4.7	23	8.9	10	3.7
District 7	18	4.6	24	6.0	19	4.8	20	5.2	20	4.9
Ada	12	2.4	33	6.4	20	3.9	13	2.6	16	3.2
Adams	-	-	-	-	-	-	-	-	-	-
Bannock	9	7.5	7	5.6	8	6.0	9	7.2	5	3.8
Bear Lake	1	11.1	-	-	-	-	1	12.7	1	11.1
Benewah	1	9.7	3	26.1	1	9.3	-	-	2	16.3
Bingham	3	4.5	7	9.5	3	4.4	7	9.4	3	3.9
Blaine	-	-	2	8.4	1	4.5	1	4.7	-	-
Boise	1	20.4	2	48.8	-	-	-	-	-	-
Bonner	3	6.9	-	-	3	7.0	2	5.1	3	7.7
Bonneville	7	3.7	16	8.1	13	6.9	11	6.0	8	4.0
Boundary	1	6.4	2	14.0	1	7.6	1	7.8	1	8.3
Butte	-	-	-	-	-	-	1	33.3	-	-
Camas	-	-	-	-	-	-	1	100.0	-	-
Canyon	19	6.1	23	7.2	18	5.6	17	5.5	23	7.4
Caribou	-	-	-	-	-	-	-	-	-	-
Cassia	2	5.2	5	14.5	3	8.0	3	7.8	3	8.0
Clark	-	-	-	-	-	-	-	-	1	111.1
Clearwater	1	13.9	-	-	1	17.2	-	-	-	-
Custer	-	-	-	-	1	23.8	1	23.8	1	32.3
Elmore	4	8.8	1	2.3	-	-	2	4.1	1	2.3
Franklin	2	9.9	-	-	1	5.7	5	24.6	-	-
Fremont	1	5.7	2	11.5	-	-	1	5.6	-	-
Gem	1	4.8	-	-	1	5.2	-	-	2	9.5
Gooding	3	13.2	2	9.9	1	5.0	1	4.8	-	-
Idaho	2	14.0	1	6.0	2	12.7	2	14.8	3	17.1
Jefferson	1	2.2	2	4.1	1	2.2	3	6.2	2	4.0
Jerome	2	5.0	1	2.4	3	7.8	-	-	1	2.5
Kootenai	10	5.7	7	3.8	7	3.9	8	4.7	13	7.4
Latah	5	11.8	5	10.7	1	2.2	4	9.2	2	4.4
Lemhi	-	-	-	-	1	15.4	-	-	1	17.2
Lewis	1	25.6	-	-	2	57.1	-	-	-	-
Lincoln	-	-	1	11.6	1	16.1	-	-	-	-
Madison	9	8.4	4	3.8	3	2.5	4	3.7	7	6.4
Minidoka	1	3.3	2	6.6	4	12.3	1	3.0	2	5.8
Nez Perce	2	4.0	3	6.2	1	2.1	4	8.5	1	1.9
Oneida	-	-	1	18.9	-	-	-	-	-	-
Owyhee	1	7.4	1	6.9	1	7.0	1	8.1	-	-
Payette	1	3.5	2	6.8	2	6.5	-	-	-	-
Power	2	16.3	1	7.7	-	-	-	-	1	6.8
Shoshone	-	-	2	12.5	-	-	-	-	1	8.5
Teton	-	-	-	-	-	-	-	-	-	-
Twin Falls	6	4.8	4	3.4	8	6.6	3	2.5	11	8.9
Valley	-	-	-	-	-	-	1	11.8	-	-
Washington	-	-	-	-	1	9.7	1	8.6	-	-

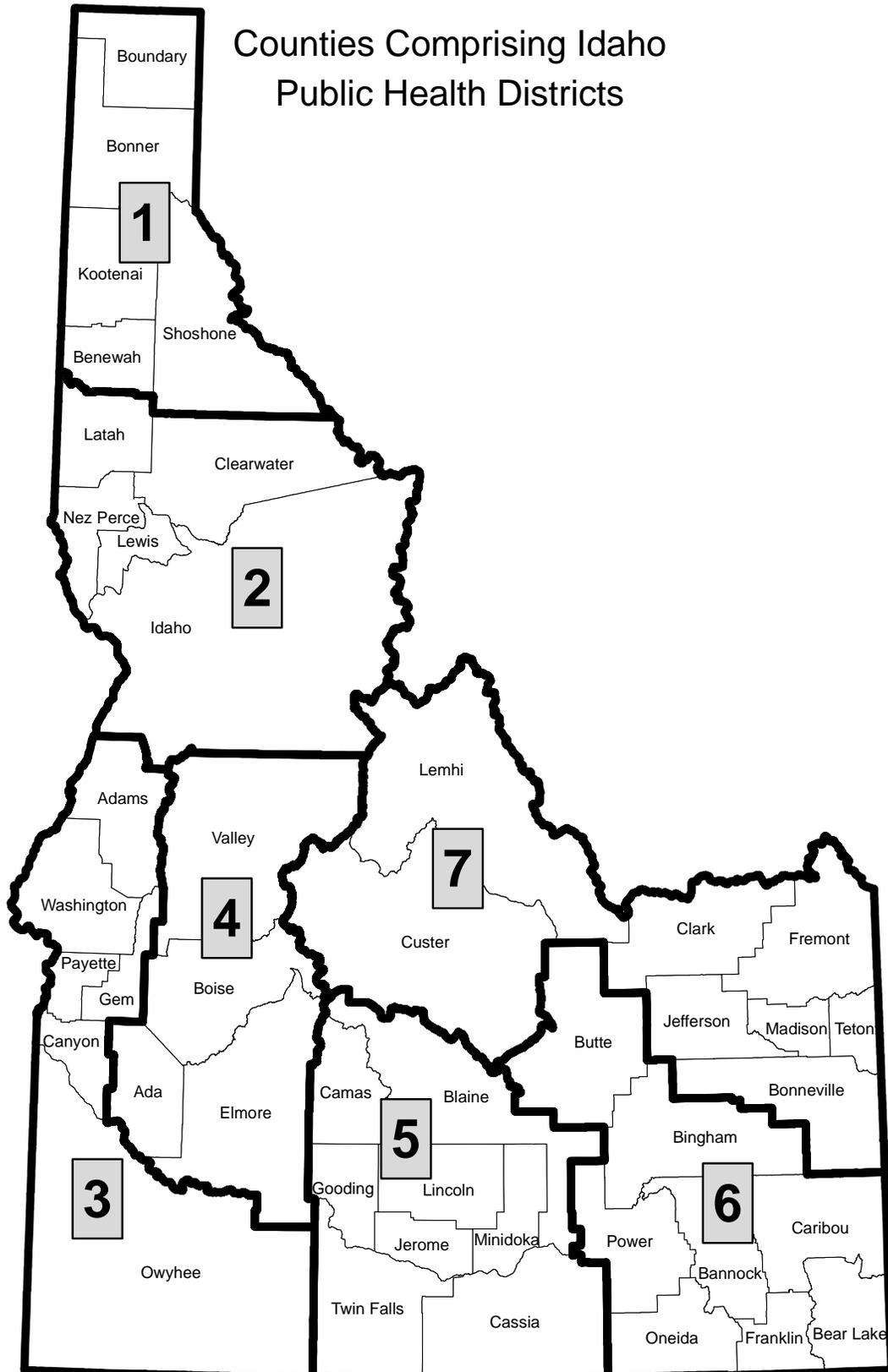
<sup>1</sup>Stillbirth ratios are stillbirths per 1,000 live births.

**IDAHO RESIDENT PERINATAL MORTALITY**  
**Number of Perinatal Deaths and Ratios<sup>1</sup>**  
**2012-2016**

RESIDENCE	2016		2015		2014		2013		2012	
	Number	Ratio								
IDAHO	186	8.3	203	8.9	191	8.3	186	8.3	191	8.3
District 1	22	8.5	20	7.5	26	9.9	18	7.3	27	10.8
District 2	14	11.9	14	11.5	10	8.5	14	12.1	8	6.4
District 3	36	9.2	42	10.6	37	9.2	36	9.4	45	11.5
District 4	33	5.9	49	8.6	39	6.8	33	5.9	29	5.1
District 5	24	8.5	23	8.3	32	11.5	21	7.4	33	11.5
District 6	27	11.0	22	8.6	16	6.2	32	12.4	15	5.5
District 7	30	7.7	33	8.3	31	7.8	32	8.3	34	8.4
Ada	28	5.6	45	8.8	38	7.4	28	5.6	28	5.5
Adams	-	-	-	-	-	-	-	-	-	-
Bannock	13	10.8	11	8.7	10	7.6	12	9.6	8	6.0
Bear Lake	1	11.1	-	-	-	-	1	12.7	1	11.1
Benewah	1	9.7	3	26.1	3	28.0	1	9.4	2	16.3
Bingham	5	7.6	8	10.9	3	4.4	11	14.8	4	5.2
Blaine	-	-	2	8.4	1	4.5	1	4.7	1	4.3
Boise	1	20.4	2	48.8	-	-	-	-	-	-
Bonner	5	11.4	3	7.9	7	16.2	3	7.6	4	10.2
Bonneville	14	7.3	22	11.2	22	11.7	17	9.2	13	6.5
Boundary	1	6.4	2	14.0	2	15.2	1	7.8	2	16.7
Butte	1	33.3	-	-	-	-	1	33.3	-	-
Camas	-	-	-	-	-	-	1	100.0	-	-
Canyon	30	9.6	34	10.7	30	9.3	32	10.4	36	11.6
Caribou	1	11.2	-	-	1	12.0	-	-	-	-
Cassia	3	7.8	6	17.4	5	13.4	5	13.1	5	13.3
Clark	-	-	-	-	-	-	-	-	1	111.1
Clearwater	1	13.9	1	17.9	1	17.2	-	-	1	14.1
Custer	-	-	-	-	1	23.8	1	23.8	1	32.3
Elmore	4	8.8	2	4.6	1	2.0	4	8.2	1	2.3
Franklin	3	14.9	1	5.1	1	5.7	6	29.6	1	4.9
Fremont	1	5.7	3	17.2	-	-	1	5.6	2	10.2
Gem	2	9.7	2	9.3	3	15.6	-	-	2	9.5
Gooding	4	17.6	3	14.9	2	9.9	1	4.8	2	10.2
Idaho	2	14.0	2	11.9	3	19.0	4	29.6	3	17.1
Jefferson	1	2.2	2	4.1	1	2.2	6	12.4	5	10.1
Jerome	9	22.4	1	2.4	8	20.8	7	17.1	4	9.9
Kootenai	14	8.0	10	5.4	13	7.2	13	7.6	18	10.3
Latah	8	18.9	7	15.0	2	4.5	4	9.2	2	4.4
Lemhi	-	-	-	-	3	46.2	-	-	1	17.2
Lewis	1	25.6	-	-	2	57.1	-	-	-	-
Lincoln	-	-	1	11.6	1	16.1	-	-	1	12.8
Madison	13	12.1	6	5.7	4	3.3	6	5.5	11	10.0
Minidoka	2	6.6	2	6.6	4	12.3	2	6.0	6	17.3
Nez Perce	2	4.0	4	8.3	2	4.2	6	12.8	2	3.9
Oneida	-	-	1	18.9	-	-	1	21.3	-	-
Owyhee	2	14.7	2	13.8	1	7.0	1	8.1	1	6.5
Payette	2	6.9	4	13.7	2	6.5	2	6.6	6	19.5
Power	3	24.4	1	7.7	1	6.7	-	-	1	6.8
Shoshone	1	6.8	2	12.5	1	6.7	-	-	1	8.5
Teton	1	6.9	-	-	-	-	1	6.9	-	-
Twin Falls	6	4.8	8	6.8	11	9.1	4	3.3	14	11.4
Valley	-	-	-	-	-	-	1	11.8	-	-
Washington	-	-	-	-	1	9.7	1	8.6	-	-

<sup>1</sup>Perinatal 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	Clearwater	Adams	Ada	Blaine	Bannock	Bonneville
Bonner	Idaho	Canyon	Boise	Camas	Bear Lake	Clark
Boundary	Latah	Gem	Elmore	Cassia	Bingham	Custer
Kootenai	Lewis	Owyhee	Valley	Gooding	Butte	Fremont
Shoshone	Nez Perce	Payette		Jerome	Caribou	Jefferson
		Washington		Lincoln	Franklin	Lemhi
				Minidoka	Oneida	Madison
				Twin Falls	Power	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](http://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 2016, this included three 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
2014	12,020	11,968	52	590	587	3
2015	12,419	12,367	52	612	608	4
2016	12,748	12,687	61	622	619	3

### 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 Alaskan 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 76 in 2014, 72 in 2015, and 70 in 2016.

**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**:

$\frac{\text{total expected deaths}}{\text{standard million}} \times 100,000$	x 100,000	<b>2000 U.S. Standard Population</b>
		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, 2016 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 2016, 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 10.3% of all deaths to persons under the age of 75 in 2016. 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.

## Population

### Race

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.

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.

<b>Standard Race Categories on April 1, 2010 Census for Idaho</b>			
	<b>Race</b>	<b>Number</b>	<b>%</b>
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 26, 2017, NCHS released state and county population totals for July 1, 2016. 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.<sup>1</sup>

**Race Categories for Idaho**

Race	April 1, 2010		July 1, 2014		July 1, 2015		July 1, 2016	
	Number	%	Number	%	Number	%	Number	%
Total	1,567,582	100.0%	1,634,464	100.0%	1,654,930	100.0%	1,683,140	100.0%
White	1,496,784	95.5%	1,532,607	95.0%	1,570,040	94.9%	1,596,443	94.8%
Black	15,104	1.0%	18,928	1.2%	19,519	1.2%	20,021	1.2%
American Indian/ Alaska Native	29,801	1.9%	32,662	2.0%	33,410	2.0%	34,218	2.0%
Asian/Pacific Islander	25,893	1.7%	30,267	1.9%	31,961	1.9%	32,458	1.9%

<sup>1</sup>The 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 26, 2017. Available at: [http://www.cdc.gov/nchs/nvss/bridged\\_race/data\\_documentation.htm](http://www.cdc.gov/nchs/nvss/bridged_race/data_documentation.htm)

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