



IDAHO VITAL STATISTICS

Mortality 2019

Bureau of Vital Records and Health Statistics
Division of Public Health
January 2021

2019 IDAHO VITAL STATISTICS - MORTALITY

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TABLE OF CONTENTS

	Page
MORTALITY DEFINITIONS AND FORMULAS	5
VITAL REGISTRATION AND DATA COLLECTION	8
MORTALITY	9
2015-2019 Mortality: number and rates (<i>U.S., Idaho, Districts, counties</i>)	14
2019 Mortality: age at death (<i>Idaho, Districts, counties</i>)	15
2019 Mortality: sex, race and ethnicity (<i>Idaho, Districts, counties</i>).....	16
2019 Mortality: fifteen leading causes, percent of deaths, crude rates and age-adjusted rates (<i>U.S., Idaho</i>).....	17
2019 Mortality: fifteen leading causes by sex, percent of deaths, crude rates and age-adjusted rates (<i>U.S., Idaho</i>).....	18
2019 Mortality: ten leading causes by age group (total).....	19
2019 Mortality: ten leading causes by age group (males)	20
2019 Mortality: ten leading causes by age group (females).....	21
2019 Mortality: ten leading causes of premature mortality, total and by sex, based on years of potential life lost before age 75.....	22
2019 Mortality: life expectancy, by age and sex (<i>Idaho, Districts</i>).....	23
2019 Mortality: malignant neoplasms by leading site of cancer (<i>Idaho, Districts, counties</i>).....	24
2019 Mortality: malignant neoplasms by leading site of cancer by sex (<i>Idaho, Districts, counties</i>)	26
2019 Mortality: primary site of malignant neoplasms by sex	27
2019 Mortality: leading causes (<i>Idaho, Districts, counties</i>).....	29
2019 Mortality: 113 selected causes by age group and sex	31
2019 Mortality: accidental deaths by age group and sex.....	42
2015-2019 Mortality: ten leading causes of injury mortality by age group.....	48
2019 Mortality: accidental deaths by type of accident (<i>Idaho, Districts, counties</i>).....	49
2019 Mortality: accidental deaths by place of injury and accident type.....	50
2019 Mortality: work injury deaths occurring in Idaho by manner, sex, and age.....	51
2019 Mortality: accidental work injury deaths occurring in Idaho by sex, age and place of injury..	51
2019 Mortality: drug-induced, drug overdose, and accidental drug deaths (<i>U.S., Idaho, Districts</i>) by age group and sex (<i>Idaho</i>)	52
2009-2019 Mortality: drug-induced, drug overdose, and accidental drug deaths: numbers and rates	53
2019 Mortality: drug-induced, drug overdose, and accidental drug deaths based on years of potential life lost before age 75.....	53
2019 Mortality: drug-induced, drug overdose, and accidental drug deaths by type of drug reported on the death certificate.....	54

2019 Mortality: alcohol-induced and firearm injury (<i>U.S., Idaho, Districts</i>) by age group, sex, and manner (<i>Idaho</i>).....	55
2019 Mortality: alcohol-induced and firearm injury deaths based on years of potential life lost before age 75.....	55
2009-2019 Mortality: leading causes of death trends and (<i>U.S., Idaho, Districts</i>) by age group, and sex (<i>Idaho</i>).....	56
2019 Mortality: disposition method (<i>Idaho, Districts, counties</i>).....	60
INFANT, FETAL AND MATERNAL MORTALITY	61
2015-2019 Infant Mortality: number and rates (<i>U.S., Idaho, Districts, counties</i>).....	65
2019 Infant Mortality: sex, race and ethnicity (<i>Idaho, Districts, counties</i>).....	66
2019 Infant Mortality: causes of mortality, neonatal and postneonatal	67
2019 Infant Mortality: neonatal and postneonatal by age of mother.....	67
2017-2019 Infant Mortality: causes (<i>Idaho, Districts, counties</i>).....	68
2019 Infant Mortality: neonatal and postneonatal (<i>U.S., Idaho, Districts, counties</i>)	69
Infant Mortality: three-year rates, 2008-2010 through 2017-2019 (<i>Idaho, Districts, counties</i>).....	70
Stillbirths: number and ratios, 2015-2019 (<i>Idaho, Districts, counties</i>).....	71
Perinatal Mortality: number and ratios, 2015-2019 (<i>Idaho, Districts, counties</i>).....	72
COUNTIES COMPRISING IDAHO PUBLIC HEALTH DISTRICTS	73
MORTALITY TECHNICAL NOTES	74

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.

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

Maternal Mortality

Definition: death due to complications of pregnancy, childbirth, or the puerperium based on ICD-10 codes A34, O00-O95, and O98-O99 that occurred pregnancy or within 42 days of delivery or termination of pregnancy.

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

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

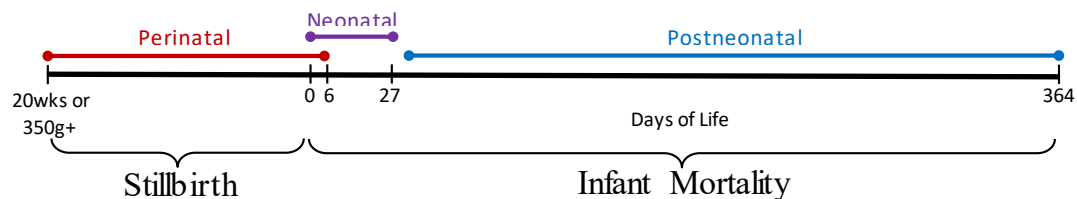
Late Maternal Mortality

Definition: death due to complications of pregnancy, childbirth, or the puerperium based on ICD-10 codes O96-O97 that occurred more than 42 days but less than one year after delivery or termination or pregnancy.

Late Maternal Mortality Rate: number of late maternal deaths per 100,000 live births

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

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 this publication, U.S. final data were not available for 2019.¹

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

¹ "Mortality in the United States, 2018," National Center for Health Statistics Data Brief, No. 355, January 2020.

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.

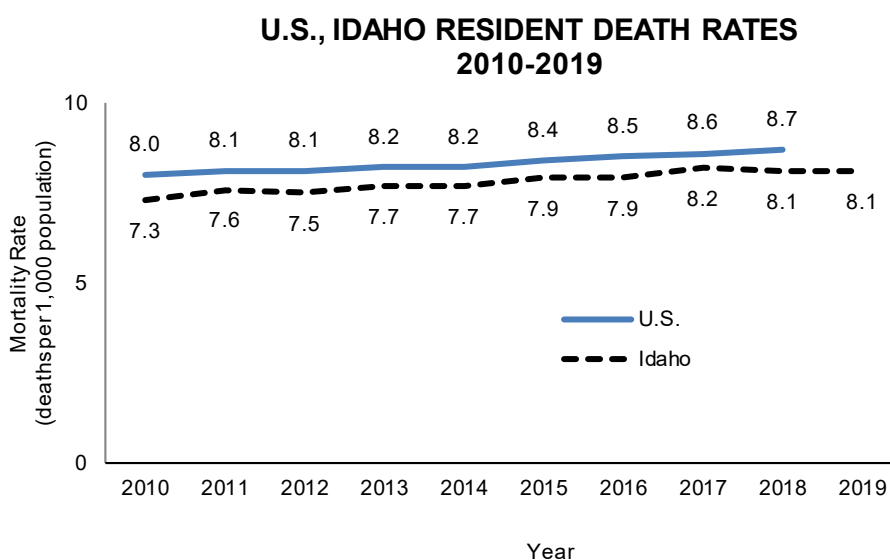
Miscarriages (a spontaneous or accidental death of an unborn infant in utero other than by induced abortion or stillbirth) are also registered at the request of the family when verified by a physician. Statistics are not reported because the registry is voluntary, and not all events are registered with 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 was August 20, 2020 for death records and July 14, 2020. Records may be sent to Idaho or amended after this date; they are included or amended in the vital records 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 1.2 percent, from 8.6 deaths per 1,000 population to 8.7 in 2018.¹ In 2018, there were 2,839,205 deaths in the U.S., compared with 2,813,503 in 2017.¹ In 2018, there were 14,263 deaths among Idaho residents, compared with 14,430 in 2017.¹ The crude mortality rate for Idaho residents was 8.1 deaths per 100,000 residents in both 2018 and 2019. At the time of this publication, the 2019 number and rate for the U.S. were not available.



In 2018, the leading cause of mortality in the U.S. was Diseases of heart, followed by Malignant neoplasms (cancer).¹ The ten leading causes in mortality in the U.S. in 2018 were the same as 2017. U.S. age-adjusted rates decreased significantly from 2017 to 2018 for heart disease, cancer, unintentional injuries, chronic lower respiratory diseases, stroke, and Alzheimer disease. There was a significant increase in the U.S. rates for Influenza and pneumonia, and suicide from 2017 to 2018¹.

Leading Causes of Mortality for the U.S. in 2018

Cause of Death	U.S. 2018		
	Rank	Deaths	AAR*
Diseases of heart	1	655,381	163.6
Malignant neoplasms (cancer)	2	599,274	149.1
Accidents (unintentional injury)	3	167,127	48.0
Chronic lower respiratory diseases	4	159,486	39.7
Cerebrovascular diseases	5	147,810	37.1
Alzheimer's disease	6	122,019	30.5
Diabetes mellitus	7	84,946	21.4
Influenza and pneumonia	8	59,120	14.9
Nephritis, nephrotic syndrome and nephrosis	9	51,386	12.9
Intentional self-harm (suicide)	10	48,344	14.2

*AAR: Age-adjusted mortality rates are deaths per 100,000 population. Ranked by the number of deaths.

Idaho Leading Causes of Mortality

In 2019, Diseases of heart was the leading cause of mortality and Malignant neoplasms (cancer) was the 2nd leading cause of mortality. This is the same two leading causes as 2018. In both 2018 and 2019 the top six leading causes remained the same. In 2019, Diabetes mellitus became the 7th leading cause from being ranked 8th leading cause in 2018. Intentional self-harm (suicide) became the 8th leading cause in 2019 from being ranked 7th leading cause in 2018. Chronic liver diseases and cirrhosis was the 9th leading cause in both 2018 and 2019, and Influenza and pneumonia was ranked 10th in both 2018 and 2019.

Leading Causes of Mortality for Idaho in 2019

Cause of Death	Idaho 2019		
	Rank	Deaths	AAR*
Diseases of heart	1	3,061	150.7
Malignant neoplasms (cancer)	2	2,928	138.1
Chronic lower respiratory diseases	3	993	47.5
Accidents (unintentional injury)	4	947	51.1
Cerebrovascular diseases	5	683	34.0
Alzheimer's disease	6	650	33.2
Diabetes mellitus	7	423	20.2
Intentional self-harm (suicide)	8	365	20.4
Chronic liver disease and cirrhosis	9	249	12.1
Influenza and pneumonia	10	231	11.4

Leading Causes of Mortality Ranked by Percent Change in Rate, 2018 and 2019

Cause of Death	Age-Adjusted Rate		Percent Change	
	2018	2019		
Chronic lower respiratory diseases	44.1	47.5	7.7%	▲
Accidents (unintentional injury)	49.3	51.1	3.7%	▲
Diabetes mellitus	20.3	20.2	-0.5%	▼
Chronic liver disease and cirrhosis	12.6	12.1	-4.0%	▼
Influenza and pneumonia	11.9	11.4	-4.2%	▼
Diseases of heart	157.8	150.7	-4.5%	▼
Alzheimer's disease	35.0	33.2	-5.1%	▼
Cerebrovascular diseases	36.4	34.0	-6.6%	▼
Malignant neoplasms (cancer)*	149.5	138.1	-7.6%	▼
Intentional self-harm (suicide)	24.0	20.4	-15.0%	▼

*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.

▲ Rate increased from 2018 to 2019. ▼ Rate decreased from 2018 to 2019.

Idaho Leading Causes by Sex

In 2019, the leading cause of death for males and females was Diseases of heart. Males had a higher mortality rate than females for eight of the ten leading causes of mortality. Females had a higher mortality rate than males for Alzheimer's disease, and for Cerebrovascular diseases.

Leading Causes of Mortality by Sex

Cause of Death	Age-Adjusted Rate		Male:Female Rate Ratio	
	Male	Female		
Diseases of heart	185.1	120.9	1.5	*
Malignant neoplasms	161.5	118.9	1.4	*
Chronic lower respiratory diseases	50.1	45.3	1.1	
Accident	66.0	36.6	1.8	*
Cerebrovascular diseases	32.1	34.7	0.9	
Alzheimer's disease	24.4	39.5	0.6	*
Diabetes mellitus	25.5	15.7	1.6	*
Suicide	32.0	9.1	3.5	*
Chronic liver disease and cirrhosis	15.4	8.9	1.7	*
Influenza and pneumonia	12.7	10.3	1.2	

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).

In 2019, the average age at death for Idahoans was 74.2 years compared with 73.7 years in 2018.

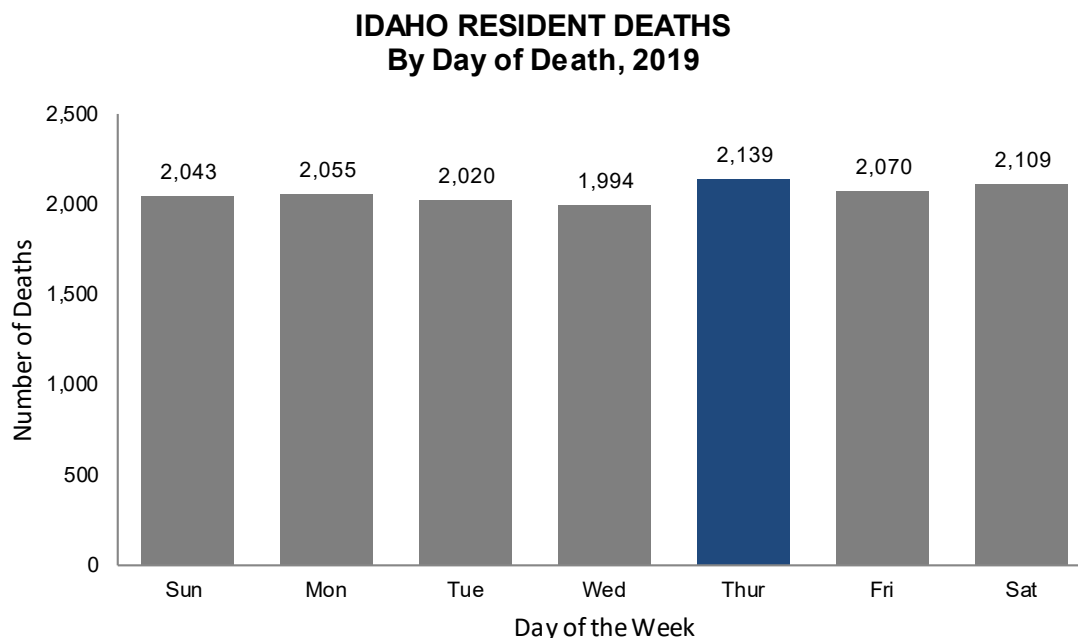
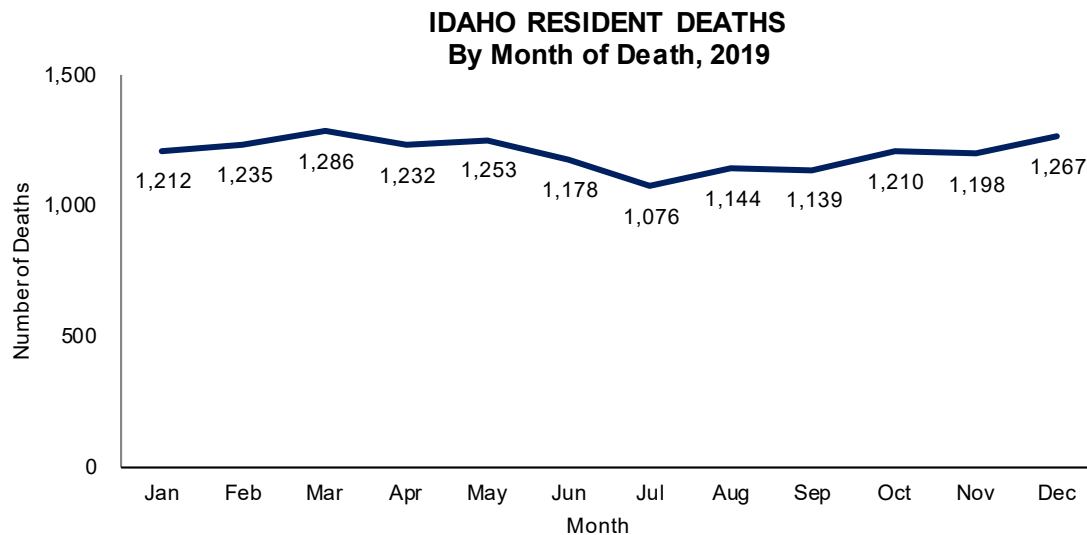
Age at Death			
	Number	Average age	Maximum age
Total	14,430	74.2	105
Sex			
Female	6,893	76.9	105
Male	7,537	71.7	103
Ethnicity			
Non-Hispanic	13,880	74.7	105
Hispanic	531	61.4	102
Unknown	19	*	*
Race			
White	14,015	74.5	105
Black	38	55.6	94
American Indian/Alaskan Native	166	61.3	96
Asian/Pacific Islander	113	68.4	96
Other/Multiple	98	*	*
Cause of Death			
Diseases of heart	3,061	78.9	104
Malignant neoplasms	2,928	72.6	103
Chronic lower respiratory diseases	993	76.8	103
Accident	947	58.0	105
Cerebrovascular diseases	683	80.0	105
Alzheimer's disease	650	86.7	104
Diabetes mellitus	423	73.9	102
Suicide	365	47.0	93
Chronic liver disease and cirrhosis	249	60.2	94
Influenza and pneumonia	231	76.5	102

For Idahoans, life expectancy at birth was 79.7 years in 2018; this is slightly up from 79.3 years in 2018. For males, life expectancy was 77.9 in 2019 and for females, life expectancy at birth was 81.6 years. Life expectancy at birth was 78.7 years for the total U.S. population in 2018. For male total population, life expectancy was 76.2 in 2018, and for females, life expectancy at birth was 81.2 years¹.

1. "Mortality in the United States, 2018," National Center for Health Statistics Data Brief, No. 355, January 2020.

Idaho Month and Day of the Week of Death

In 2019, there were an average of 39.5 deaths per day among Idaho residents. December had the most deaths compared with the other months; however, February had the most deaths per day on average (44.1 per day). July had the fewest deaths compared with the other months and had the fewest deaths per day (34.7 per day). The number of deaths per day ranged from a low of 23 deaths on Tuesday, April 23, Tuesday, July 2, and Tuesday, July 23, 2019 to a high of 58 deaths on Friday, February 15, 2019.



Out-of-State Resident Deaths

In 2019, 568 non-residents died in Idaho. Most of these deaths were residents from neighboring states: Washington (172 deaths), Oregon (137 deaths), California (44 deaths), Wyoming (41 deaths), Montana (36 deaths), Nevada (26 deaths), and Utah (21 deaths) as well as 91 residents from another state, another country, or where the residence was unknown. These deaths are not included in Idaho resident statistics.

IDAHO RESIDENT MORTALITY

Number of Deaths and Rates

2015-2019

RESIDENCE	2019		2018		2017		2016		2015	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
U.S. ¹	NA		8.7		8.6		8.5		8.4	
IDAHO	14,430	8.1	14,263	8.1	14,007	8.2	13,370	7.9	13,031	7.9
District 1	2,537	10.3	2,406	10.0	2,380	10.1	2,268	9.9	2,181	9.7
District 2	1,048	9.5	1,086	9.9	1,087	10.0	1,111	10.3	1,052	9.8
District 3	2,382	8.0	2,377	8.2	2,310	8.2	2,153	7.8	2,165	7.9
District 4	3,633	6.9	3,473	6.7	3,550	7.1	3,338	6.8	3,230	6.8
District 5	1,734	8.6	1,673	8.4	1,611	8.2	1,595	8.2	1,572	8.2
District 6	1,477	8.4	1,620	9.3	1,540	8.9	1,456	8.5	1,367	8.1
District 7	1,619	7.1	1,628	7.3	1,529	7.0	1,449	6.7	1,464	6.9
Ada	3,276	6.8	3,136	6.7	3,229	7.1	2,987	6.7	2,892	6.7
Adams	40	9.3	44	10.4	52	12.5	40	10.3	34	8.8
Bannock	730	8.3	798	9.2	742	8.7	716	8.5	676	8.1
Bear Lake	55	9.0	66	10.9	73	12.1	58	9.8	46	7.8
Benewah	136	14.6	108	11.7	131	14.3	132	14.5	141	15.6
Bingham	380	8.1	418	9.0	391	8.5	396	8.8	369	8.2
Blaine	135	5.9	101	4.5	116	5.3	109	5.0	112	5.2
Boise	64	8.2	57	7.5	53	7.3	54	7.6	51	7.2
Bonner	482	10.5	440	9.8	463	10.6	445	10.5	442	10.6
Bonneville	948	8.0	949	8.1	914	8.0	875	7.8	817	7.4
Boundary	113	9.2	119	10.0	121	10.1	113	9.7	101	8.9
Butte	31	11.9	38	14.6	31	11.9	25	10.0	25	10.0
Camas	14	12.7	13	11.5	14	12.7	7	6.5	4	3.8
Canyon	1,618	7.0	1,649	7.4	1,575	7.3	1,498	7.1	1,477	7.1
Caribou	68	9.5	60	8.5	87	12.4	62	9.0	59	8.7
Cassia	214	8.9	214	9.0	205	8.7	185	7.9	214	9.1
Clark	6	7.1	5	5.9	7	8.0	6	7.0	7	8.0
Clearwater	95	10.9	101	11.5	117	13.7	116	13.7	114	13.4
Custer	46	10.7	55	12.9	48	11.5	41	10.0	49	12.0
Elmore	216	7.9	215	7.9	189	7.0	211	8.1	193	7.5
Franklin	100	7.2	126	9.2	120	8.8	96	7.2	87	6.7
Fremont	106	8.1	101	7.7	109	8.3	104	8.0	126	9.8
Gem	210	11.6	231	13.1	212	12.2	213	12.4	208	12.3
Gooding	130	8.6	133	8.8	150	9.9	154	10.1	124	8.1
Idaho	192	11.5	208	12.6	177	10.8	194	12.0	184	11.3
Jefferson	170	5.7	181	6.1	168	5.9	174	6.3	171	6.3
Jerome	174	7.1	157	6.5	164	6.9	190	8.3	156	6.8
Kootenai	1,616	9.8	1,572	9.7	1,463	9.3	1,387	9.0	1,330	8.8
Latah	200	5.0	219	5.5	216	5.5	243	6.2	206	5.3
Lemhi	111	13.8	118	14.8	103	13.1	90	11.7	115	14.9
Lewis	52	13.5	51	13.2	52	13.4	45	11.7	35	9.2
Lincoln	41	7.6	55	10.3	29	5.5	32	6.1	41	7.7
Madison	171	4.3	173	4.4	140	3.6	113	2.9	137	3.6
Minidoka	222	10.6	210	10.1	182	8.8	153	7.4	171	8.4
Nez Perce	509	12.6	507	12.5	525	13.0	513	12.7	513	12.8
Oneida	46	10.2	55	12.3	41	9.3	33	7.6	42	9.8
Owyhee	109	9.2	105	9.0	97	8.3	97	8.5	100	8.8
Payette	259	10.8	239	10.1	240	10.3	200	8.7	228	10.0
Power	67	8.7	59	7.6	55	7.2	70	9.1	63	8.2
Shoshone	190	14.7	167	13.1	202	16.1	191	15.3	167	13.4
Teton	61	5.0	46	4.0	40	3.5	46	4.2	42	4.0
Twin Falls	804	9.3	790	9.2	751	8.8	765	9.2	750	9.1
Valley	77	6.8	65	5.9	79	7.4	86	8.2	94	9.3
Washington	146	14.3	109	10.7	134	13.2	105	10.3	118	11.8

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

¹Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2018 on CDC WONDER Online Database, released December, 2019.

IDAHO RESIDENT MORTALITY
Age at Death
2019

RESIDENCE	TOTAL DEATHS	AGE AT DEATH										
		<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
IDAHO	14,430	97	21	59	166	226	372	665	1,649	2,775	3,890	4,510
District 1	2,537	13	3	8	20	33	54	116	253	516	747	774
District 2	1,048	6	1	3	6	14	19	33	129	217	248	372
District 3	2,382	19	5	11	31	43	57	125	300	468	642	681
District 4	3,633	20	3	15	35	50	97	161	413	705	929	1,205
District 5	1,734	5	2	4	25	21	48	83	195	314	471	566
District 6	1,477	13	2	3	27	34	40	63	165	294	407	429
District 7	1,619	21	5	15	22	31	57	84	194	261	446	483
Ada	3,276	19	1	13	32	44	87	143	362	630	827	1,118
Adams	40	-	-	-	1	2	-	2	5	14	9	7
Bannock	730	8	1	1	12	15	27	27	92	152	200	195
Bear Lake	55	1	-	1	-	1	-	2	3	9	15	23
Benewah	136	1	-	-	1	5	4	7	13	32	34	39
Bingham	380	4	-	1	7	12	8	24	41	82	99	102
Blaine	135	1	-	-	6	5	3	8	9	31	31	41
Boise	64	-	-	-	1	2	2	3	11	16	15	14
Bonner	482	1	2	1	8	7	12	16	43	116	136	140
Bonneville	948	14	4	10	12	19	34	46	120	152	252	285
Boundary	113	2	-	1	-	3	4	6	12	35	27	23
Butte	31	-	-	-	-	-	1	-	3	6	15	6
Camas	14	-	-	-	-	-	-	2	3	4	3	2
Canyon	1,618	13	4	10	23	33	39	99	199	319	426	453
Caribou	68	-	-	-	1	-	-	2	11	12	14	28
Cassia	214	1	-	1	4	1	9	8	37	28	51	74
Clark	6	-	-	-	-	-	1	-	1	-	1	3
Clearwater	95	-	-	-	-	-	3	3	8	21	27	33
Custer	46	-	-	-	3	-	2	4	5	13	10	9
Elmore	216	1	2	2	2	4	6	12	34	41	65	47
Franklin	100	-	1	-	1	4	2	5	6	12	29	40
Fremont	106	2	-	1	-	3	4	2	12	16	39	27
Gem	210	2	-	-	1	1	3	1	23	47	67	65
Gooding	130	-	-	-	2	1	5	3	17	22	34	46
Idaho	192	-	-	1	1	1	2	5	24	50	45	63
Jefferson	170	2	-	1	5	6	8	11	21	25	41	50
Jerome	174	-	1	-	-	2	3	10	24	38	43	53
Kootenai	1,616	9	1	5	10	17	31	78	160	300	489	516
Latah	200	4	1	-	3	6	2	8	31	40	35	70
Lemhi	111	-	-	-	-	2	1	8	11	24	32	33
Lewis	52	1	-	-	-	1	1	1	7	14	17	10
Lincoln	41	-	-	-	-	2	-	3	6	10	10	10
Madison	171	3	1	2	1	1	4	8	15	22	52	62
Minidoka	222	-	-	1	6	-	3	12	20	37	72	71
Nez Perce	509	1	-	2	2	6	11	16	59	92	124	196
Oneida	46	-	-	-	3	-	1	1	2	9	14	16
Owyhee	109	1	-	-	3	2	4	4	15	20	32	28
Payette	259	3	-	1	3	4	9	13	43	42	63	78
Power	67	-	-	-	3	2	1	2	7	12	21	19
Shoshone	190	-	-	1	1	1	3	9	25	33	61	56
Teton	61	-	-	1	1	-	3	5	9	9	19	14
Twin Falls	804	3	1	2	7	10	25	37	79	144	227	269
Valley	77	-	-	-	-	-	2	3	6	18	22	26
Washington	146	-	1	-	-	1	2	6	15	26	45	50

IDAHO RESIDENT MORTALITY
Sex, Race and Ethnicity¹
2019

RESIDENCE	TOTAL DEATHS	SEX		RACE						ETHNICITY		
		Male	Female	White	Black	American Indian/ Alaska Native	Asian/ Pacific Islander	Other Race/ Multiple Race	Race Not Stated	Non-Hispanic	Hispanic	Ethnicity Not Stated
IDAHO	14,430	7,537	6,893	14,015	38	166	113	78	20	13,880	531	19
District 1	2,537	1,292	1,245	2,480	8	23	10	8	8	2,500	31	6
District 2	1,048	576	472	1,014	1	29	3	1	-	1,040	7	1
District 3	2,382	1,300	1,082	2,334	3	16	14	13	2	2,201	179	2
District 4	3,633	1,851	1,782	3,523	16	14	55	20	5	3,520	105	8
District 5	1,734	902	832	1,687	4	6	11	23	3	1,622	112	-
District 6	1,477	776	701	1,384	2	70	12	8	1	1,418	58	1
District 7	1,619	840	779	1,593	4	8	8	5	1	1,579	39	1
Ada	3,276	1,659	1,617	3,187	13	11	50	10	5	3,181	87	8
Adams	40	22	18	39	-	1	-	-	-	39	1	-
Bannock	730	371	359	681	2	34	8	5	-	709	21	-
Bear Lake	55	30	25	54	-	-	-	1	-	53	2	-
Benewah	136	83	53	125	-	9	1	-	1	135	-	1
Bingham	380	208	172	339	-	35	3	2	1	358	21	1
Blaine	135	71	64	133	-	-	2	-	-	127	8	-
Boise	64	36	28	63	-	1	-	-	-	63	1	-
Bonner	482	264	218	478	2	-	1	1	-	478	4	-
Bonneville	948	473	475	934	3	3	6	1	1	922	25	1
Boundary	113	66	47	112	-	1	-	-	-	112	1	-
Butte	31	24	7	31	-	-	-	-	-	31	-	-
Camas	14	12	2	14	-	-	-	-	-	14	-	-
Canyon	1,618	859	759	1,592	3	5	9	9	-	1,469	148	1
Caribou	68	32	36	68	-	-	-	-	-	67	1	-
Cassia	214	101	113	212	-	-	-	1	1	192	22	-
Clark	6	4	2	6	-	-	-	-	-	5	1	-
Clearwater	95	49	46	94	-	1	-	-	-	95	-	-
Custer	46	27	19	46	-	-	-	-	-	45	1	-
Elmore	216	115	101	198	3	1	5	9	-	202	14	-
Franklin	100	50	50	100	-	-	-	-	-	97	3	-
Fremont	106	56	50	106	-	-	-	-	-	103	3	-
Gem	210	119	91	210	-	-	-	-	-	207	3	-
Gooding	130	75	55	123	-	1	-	6	-	120	10	-
Idaho	192	111	81	187	-	4	1	-	-	189	3	-
Jefferson	170	92	78	169	-	1	-	-	-	166	4	-
Jerome	174	92	82	172	-	-	1	1	-	160	14	-
Kootenai	1,616	784	832	1,577	6	12	8	6	7	1,588	23	5
Latah	200	104	96	199	-	-	-	1	-	198	1	1
Lemhi	111	68	43	106	1	3	1	-	-	110	1	-
Lewis	52	36	16	51	-	1	-	-	-	52	-	-
Lincoln	41	25	16	41	-	-	-	-	-	39	2	-
Madison	171	87	84	167	-	1	1	2	-	169	2	-
Minidoka	222	115	107	214	1	1	2	4	-	200	22	-
Nez Perce	509	276	233	483	1	23	2	-	-	506	3	-
Oneida	46	29	17	46	-	-	-	-	-	46	-	-
Owyhee	109	67	42	101	-	4	1	3	-	96	13	-
Payette	259	152	107	250	-	6	3	-	-	251	8	-
Power	67	32	35	65	-	1	1	-	-	57	10	-
Shoshone	190	95	95	188	-	1	-	1	-	187	3	-
Teton	61	33	28	59	-	-	-	2	-	59	2	-
Twin Falls	804	411	393	778	3	4	6	11	2	770	34	-
Valley	77	41	36	75	-	1	-	1	-	74	3	-
Washington	146	81	65	142	-	-	1	1	2	139	6	1

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

IDAHO RESIDENT MORTALITY
Leading Causes of Mortality
Cause-Specific Crude and Age-Adjusted Rates¹
2019 Idaho and 2018 U.S.

RANK FOR IDAHO AND CAUSE OF DEATH	Deaths		Crude Rate		Age-Adjusted Rate	
	Number	Percent	Idaho ²	U.S. ³	Idaho ²	U.S. ³
TOTAL	14,430	100.0%	807.5	867.8	714.4	723.6
1. Diseases of heart	3,061	21.2%	171.3	200.3	150.7	163.6
2. Malignant neoplasms (cancer)	2,928	20.3%	163.8	183.2	138.1	149.1
3. Chronic lower respiratory diseases	993	6.9%	55.6	48.7	47.5	39.7
4. Accidents (unintentional injury)	947	6.6%	53.0	51.1	51.1	48.0
5. Cerebrovascular diseases	683	4.7%	38.2	45.2	34.0	37.1
6. Alzheimer's disease	650	4.5%	36.4	37.3	33.2	30.5
7. Diabetes mellitus	423	2.9%	23.7	26.0	20.2	21.4
8. Intentional self-harm (suicide)	365	2.5%	20.4	14.8	20.4	14.2
9. Chronic liver disease and cirrhosis	249	1.7%	13.9	13.1	12.1	11.1
10. Influenza and pneumonia	231	1.6%	12.9	18.1	11.4	14.9
11. Parkinson's disease	220	1.5%	12.3	10.3	10.9	8.7
12. Nephritis, nephrotic syndrome, nephrosis	190	1.3%	10.6	15.7	9.4	12.9
13. Essential hypertension & hypertensive renal disease	125	0.9%	7.0	11.0	6.1	8.9
14. Septicemia	116	0.8%	6.5	12.4	5.5	10.2
15. Nutritional deficiencies	98	0.7%	5.5	4.8	4.9	4.0
All other causes	3,151	21.8%	NA	NA	NA	NA

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

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

²Idaho rates are based on the July 1, 2018 population estimates.

³Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2018 on CDC WONDER Online Database, released December, 2019.

IDAHO RESIDENT MORTALITY
Leading Causes of Mortality by Sex
Cause-Specific Crude and Age-Adjusted Rates¹
2019 Idaho and 2018 U.S.

MALES						
RANK FOR IDAHO AND CAUSE OF DEATH	Deaths		Crude Rate		Age-Adjusted Rate	
	Number	Percent	Idaho ²	U.S. ³	Idaho ²	U.S. ³
TOTAL	7,537	100.0%	841.3	905.2	808.5	855.5
1. Diseases of heart	1,704	22.6%	190.2	220.0	185.1	207.5
2. Malignant neoplasms (cancer)	1,595	21.2%	178.0	195.8	161.5	176.8
3. Accidents (unintentional injury)	587	7.8%	65.5	67.0	66.0	65.9
4. Chronic lower respiratory diseases	483	6.4%	53.9	46.7	50.1	43.7
5. Cerebrovascular diseases	298	4.0%	33.3	23.4	32.1	22.8
6. Intentional self-harm (suicide)	285	3.8%	31.8	39.0	32.0	37.6
7. Diabetes mellitus	249	3.3%	27.8	29.5	25.5	26.9
8. Alzheimer's disease	204	2.7%	22.8	23.6	24.4	24.5
9. Chronic liver disease and cirrhosis	156	2.1%	17.4	16.9	15.4	14.7
10. Parkinson's disease	141	1.9%	15.7	12.7	15.5	12.9
11. Influenza and pneumonia	117	1.6%	13.1	17.8	12.7	17.3
12. Nephritis, nephrotic syndrome, nephrosis	97	1.3%	10.8	16.6	10.4	15.8
13. Septicemia	62	0.8%	6.9	10.0	6.5	9.4
14. Pneumonitis due to solids and liquids	56	0.7%	6.3	12.3	6.4	11.5
15. Essential hypertension & hypertensive renal disease	50	0.7%	5.6	5.2	5.4	5.0
All other causes	1,453	19.3%	NA	NA	NA	NA

FEMALES						
RANK FOR IDAHO AND CAUSE OF DEATH	Deaths		Crude Rate		Age-Adjusted Rate	
	Number	Percent	Idaho ²	U.S. ³	Idaho ²	U.S. ³
TOTAL	6,893	100.0%	773.5	831.6	626.3	611.3
1. Diseases of heart	1,357	19.7%	152.3	170.9	120.9	128.6
2. Malignant neoplasms (cancer)	1,333	19.3%	149.6	181.3	118.9	127.9
3. Chronic lower respiratory diseases	510	7.4%	57.2	50.6	45.3	34.2
4. Alzheimer's disease	446	6.5%	50.0	51.2	39.5	36.1
5. Cerebrovascular diseases	385	5.6%	43.2	50.7	34.7	36.8
6. Accidents (unintentional injury)	360	5.2%	40.4	35.7	36.6	31.0
7. Diabetes mellitus	174	2.5%	19.5	22.5	15.7	16.8
8. Influenza and pneumonia	114	1.7%	12.8	18.3	10.3	13.1
9. Chronic liver disease and cirrhosis	93	1.3%	10.4	9.4	8.9	7.7
10. Nephritis, nephrotic syndrome, nephrosis	93	1.3%	10.4	6.4	8.7	6.2
11. Intentional self-harm (suicide)	80	1.2%	9.0	8.0	9.1	5.7
12. Parkinson's disease	79	1.1%	8.9	14.9	7.1	10.8
13. Essential hypertension & hypertensive renal disease	75	1.1%	8.4	11.9	6.6	8.3
14. Nutritional deficiencies	64	0.9%	7.2	12.6	5.7	9.3
15. Septicemia	54	0.8%	6.1	5.0	4.6	3.6
All other causes	1,676	24.3%	NA	NA	NA	NA

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

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

²Idaho rates are based on the July 1, 2019 population estimates.

³Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2018 on CDC WONDER Online Database, released December, 2019.

IDAHO RESIDENT MORTALITY

Ten Leading Causes of Mortality¹ by Age Group and Number of Deaths 2019

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 25	Accidents (unintentional injury) 9	Accidents (unintentional injury) 18	Accidents (unintentional injury) 74	Accidents (unintentional injury) 95	Accidents (unintentional injury) 106	Malignant neoplasms (cancer) 131	Malignant neoplasms (cancer) 475	Malignant neoplasms (cancer) 843	Malignant neoplasms (cancer) 875	Diseases of heart 1,263	Diseases of heart 3,061
2	(Tie) Short gestation & low birth weight; Sudden infant death syndrome	Malignant neoplasms (cancer) 3	Malignant neoplasms (cancer) 9	Intentional self-harm (suicide) 53	Intentional self-harm (suicide) 53	Intentional self-harm (suicide) 65	Diseases of heart 101	Diseases of heart 306	Diseases of heart 539	Diseases of heart 797	Malignant neoplasms (cancer) 518	Malignant neoplasms (cancer) 2,928
3	8		Intentional self-harm (suicide) 8	Malignant neoplasms (cancer) 13	Malignant neoplasms (cancer) 13	Malignant neoplasms (cancer) 48	Accidents (unintentional injury) 99	Accidents (unintentional injury) 123	Chronic lower respiratory diseases 252	Chronic lower respiratory diseases 387	Alzheimer's disease 435	Chronic lower respiratory diseases 993
4	Complications of placenta 7		Diseases of heart 5	Diseases of heart 3	Diseases of heart 9	Diseases of heart 36	Intentional self-harm (suicide) 49	Chronic liver disease and cirrhosis 98	Cerebrovascular diseases 104	Cerebrovascular diseases 221	Cerebrovascular diseases 281	Accidents (unintentional injury) 947
5	Accidents (unintentional injury) 6				Chronic liver disease and cirrhosis 7	Chronic liver disease and cirrhosis 20	Chronic liver disease and cirrhosis 42	Chronic lower respiratory diseases 96	Accidents (unintentional injury) 101	Alzheimer's disease 161	Chronic lower respiratory diseases 232	Cerebrovascular diseases 683
6	(Tie) Bacterial sepsis; Maternal complications of pregnancy 4				Assault (homicide) 6	(Tie) Cerebrovascular diseases; Influenza and pneumonia 6	Diabetes mellitus 24	Diabetes mellitus 77	Diabetes mellitus 96	Accidents (unintentional injury) 154	Accidents (unintentional injury) 162	Alzheimer's disease 650
7	4				(Tie) Pregnancy, childbirth, and the puerperium; Legal Intervention 3		Chronic lower respiratory diseases 22	Intentional self-harm (suicide) 54	Chronic liver disease and cirrhosis 54	Diabetes mellitus 123	Diabetes mellitus 97	Diabetes mellitus 423
8	Diseases of circulatory system 3					(Tie) Assault (homicide); Diabetes mellitus 5	Cerebrovascular diseases 17	Cerebrovascular diseases 48	Alzheimer's disease 47	Parkinson's disease 90	Parkinson's disease 89	Intentional self-harm (suicide) 365
9							Influenza and pneumonia 9	Influenza and pneumonia 25	Influenza and pneumonia 42	Influenza and pneumonia 66	Influenza and pneumonia 79	Chronic liver disease and cirrhosis 249
10						In situ neoplasms 3	(Tie) Assault; Congenital malformation 8	Nephritis 20	Intentional self-harm (suicide) 39	Nephritis 63	Nephritis 68	Influenza and pneumonia 231
Residual ²	32	9	19	23	37	72	155	327	658	953	1,286	3,900
Total	97	21	59	166	226	372	665	1,649	2,775	3,890	4,510	14,430

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

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

IDAHO MALE RESIDENT MORTALITY

Ten Leading Causes of Mortality¹ by Age Group and Number of Deaths 2019

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 12	(Tie) Malignant neoplasms (cancer); Accidents (unintentional injury) 3	Accidents (unintentional injury) 10	Accidents (unintentional injury) 56	Accidents (unintentional injury) 73	Accidents (unintentional injury) 74	Diseases of heart 69	Malignant neoplasms (cancer) 257	Malignant neoplasms (cancer) 471	Malignant neoplasms (cancer) 483	Diseases of heart 568	Diseases of heart 1,704
2	Complications of placenta 5		Malignant neoplasms (cancer) 5	Intentional self-harm (suicide) 43	Intentional self-harm (suicide) 39	Intentional self-harm (suicide) 51	Malignant neoplasms (cancer) 66	Diseases of heart 210	Diseases of heart 357	Diseases of heart 462	Malignant neoplasms (cancer) 273	Malignant neoplasms (cancer) 1,595
3	(Tie) Accidents (unintentional injury); Sudden infant death syndrome 4		(Tie) Diseases of heart; Intentional self-harm (suicide) 3	Malignant neoplasms (cancer) 9	Malignant neoplasms (cancer) 8	Diseases of heart 25	Accidents (unintentional injury) 61	Accidents (unintentional injury) 79	Chronic lower respiratory diseases 132	Chronic lower respiratory diseases 196	Alzheimer's disease 120	Accidents (unintentional injury) 587
4				Diseases of heart 3	(Tie) Diseases of heart; Chronic liver disease and cirrhosis 6	Malignant neoplasms (cancer) 20	Intentional self-harm (suicide) 37	Chronic liver disease and cirrhosis 65	Accidents (unintentional injury) 64	Cerebrovascular diseases 109	Chronic lower respiratory diseases 96	Chronic lower respiratory diseases 483
5						Chronic liver disease and cirrhosis 11	Chronic liver disease and cirrhosis 25	Diabetes mellitus 47	Diabetes mellitus 64	Accidents (unintentional injury) 90	Cerebrovascular diseases 82	Cerebrovascular diseases 298
6					Assault (homicide) 5	Influenza and pneumonia 4	Diabetes mellitus 14	Chronic lower respiratory diseases 47	Cerebrovascular diseases 57	Diabetes mellitus 74	Accidents (unintentional injury) 73	Intentional self-harm (suicide) 285
7						Assault (homicide) 3	Chronic lower respiratory diseases 10	Intentional self-harm (suicide) 41	Intentional self-harm (suicide) 32	Parkinson's disease 63	Diabetes mellitus 48	Diabetes mellitus 249
8							Cerebrovascular diseases 9	Cerebrovascular diseases 35	Parkinson's disease 31	Alzheimer's disease 62	Parkinson's disease 45	Alzheimer's disease 204
9							Assault (homicide) 7	Nephritis 16	Chronic liver disease and cirrhosis 30	Influenza and pneumonia 36	Nephritis 36	Chronic liver disease and cirrhosis 156
10							(Tie) ³ 5	Influenza and pneumonia 13	Influenza and pneumonia 25	Intentional self-harm (suicide) 30	Influenza and pneumonia 32	Parkinson's disease 141
Residual ²	25	5	10	13	24	44	90	180	350	488	461	1,835
Total	50	11	31	124	161	232	398	990	1,613	2,093	1,834	7,537

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

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

³Tie at rank 10 for age group 45-54: Complications of medical and surgical care and Influenza and pneumonia.

IDAHO FEMALE RESIDENT MORTALITY

Ten Leading Causes of Mortality¹ by Age Group and Number of Deaths 2019

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 13	Accidents (unintentional injury) 6	Accidents (unintentional injury) 8	Accidents (unintentional injury) 18	Accidents (unintentional injury) 22	Accidents (unintentional injury) 32	Malignant neoplasms (cancer) 65	Malignant neoplasms (cancer) 218	Malignant neoplasms (cancer) 372	Malignant neoplasms (cancer) 392	Diseases of heart 695	Diseases of heart 1,357
2	Short gestation & low birth weight 6		Intentional self-harm (suicide) 5	Intentional self-harm (suicide) 10	Intentional self-harm (suicide) 14	Malignant neoplasms (cancer) 28	Accidents (unintentional injury) 38	Diseases of heart 96	Diseases of heart 182	Diseases of heart 335	Alzheimer's disease 315	Malignant neoplasms (cancer) 1,333
3	Sudden infant death syndrome 4			Malignant neoplasms (cancer) 4	Malignant neoplasms (cancer) 5	Intentional self-harm (suicide) 14	Diseases of heart 32	Chronic lower respiratory diseases 49	Chronic lower respiratory diseases 120	Chronic lower respiratory diseases 191	Malignant neoplasms (cancer) 245	Chronic lower respiratory diseases 510
4					(Tie) Pregnancy, childbirth, and the puerperium; Diseases of heart 3	Diseases of heart 11	Chronic liver disease and cirrhosis 17	Accidents (unintentional injury) 44	Cerebrovascular diseases 47	Cerebrovascular diseases 112	Cerebrovascular diseases 199	Alzheimer's disease 446
5						Chronic liver disease and cirrhosis 9	Intentional self-harm (suicide) 12	Chronic liver disease and cirrhosis 33	Accidents (unintentional injury) 37	Alzheimer's disease 99	Chronic lower respiratory diseases 136	Cerebrovascular diseases 385
6						(Tie) Cerebrovascular diseases; Diabetes mellitus 4	Chronic lower respiratory diseases 12	Diabetes mellitus 30	Diabetes mellitus 32	Accidents (unintentional injury) 64	Accidents (unintentional injury) 89	Accidents (unintentional injury) 360
7							Diabetes mellitus 10	Intentional self-harm (suicide) 13	Alzheimer's disease 26	Diabetes mellitus 49	Diabetes mellitus 49	Diabetes mellitus 174
8							Cerebrovascular diseases 8	Cerebrovascular diseases 13	Chronic liver disease and cirrhosis 24	Nephritis, nephrotic syndrome, 38	Influenza and pneumonia 47	Influenza and pneumonia 114
9							Influenza and pneumonia 4	Influenza and pneumonia 12	Influenza and pneumonia 17	Influenza and pneumonia 30	Parkinson's disease 44	(Tie) Nephritis; Chronic liver disease and cirrhosis
10							(Tie) Nephritis; Congenital malformation 3	Essential hypertension & hypertensive 7	Septicemia 15	Parkinson's disease 27	Nutritional deficiencies 41	93
Residual ²	24	4	15	10	18	38	63	137	290	460	816	2,028
Total	47	10	28	42	65	140	267	659	1,162	1,797	2,676	6,893

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

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

³Tie at rank 10 for age group 45-54: Complications of Nephritis and Congenital malformation.

YEARS OF POTENTIAL LIFE LOST BEFORE AGE 75
Ten Leading Causes of Mortality Based on Premature Death¹
Total and by Sex
2019

RANK AND CAUSE OF DEATH	Persons Aged Less than 75 Years		Years of Potential Life Lost (YPLL) Before Age 75		
	Number of Deaths	Percent of Deaths	Total Number of YPLL	YPLL Rate ²	Average Number of YPLL per Death
TOTAL	6,030	100.0%	97,492	5,830	16.2
1. Accidents (unintentional injury)	631	10.5%	19,091	1,142	30.3
2. Malignant neoplasms (cancer)	1,535	25.5%	17,632	1,054	11.5
3. Diseases of heart	1,001	16.6%	11,683	699	11.7
4. Intentional self-harm (suicide)	321	5.3%	10,348	619	32.2
5. Chronic liver disease and cirrhosis	221	3.7%	3,779	226	17.1
6. Certain conditions originating in perinatal period	42	0.7%	3,127	187	74.5
7. Chronic lower respiratory diseases	374	6.2%	3,073	184	8.2
8. Congenital malformations, deformations and chromosomal abnormalities	47	0.8%	2,363	141	50.3
9. Diabetes mellitus	203	3.4%	2,318	139	11.4
10. Cerebrovascular diseases	181	3.0%	2,048	122	11.3
MALES	3,610	100.0%	60,022	7,111	16.6
1. Accidents (unintentional injury)	424	11.7%	13,100	1,552	30.9
2. Malignant neoplasms (cancer)	839	23.2%	9,497	1,125	11.3
3. Diseases of heart	674	18.7%	8,013	949	11.9
4. Intentional self-harm (suicide)	246	6.8%	7,818	926	31.8
5. Chronic liver disease and cirrhosis	137	3.8%	2,381	282	17.4
6. Certain conditions originating in perinatal period	25	0.7%	1,861	220	74.4
7. Chronic lower respiratory diseases	191	5.3%	1,543	183	8.1
8. Diabetes mellitus	127	3.5%	1,384	164	10.9
9. Cerebrovascular diseases	107	3.0%	1,249	148	11.7
10. Congenital malformations, deformations and chromosomal abnormalities	27	0.7%	1,195	142	44.2
FEMALES	2,420	100.0%	37,470	4,524	15.5
1. Malignant neoplasms (cancer)	696	28.8%	8,135	982	11.7
2. Accidents (unintentional injury)	207	8.6%	5,991	723	28.9
3. Diseases of heart	327	13.5%	3,670	443	11.2
4. Intentional self-harm (suicide)	75	3.1%	2,530	305	33.7
5. Chronic lower respiratory diseases	183	7.6%	1,531	185	8.4
6. Chronic liver disease and cirrhosis	84	3.5%	1,398	169	16.6
7. Certain conditions originating in perinatal period	17	0.7%	1,267	153	74.5
8. Congenital malformations, deformations and chromosomal abnormalities	20	0.8%	1,168	141	58.4
9. Diabetes mellitus	76	3.1%	934	113	12.3
10. Cerebrovascular diseases	74	3.1%	799	97	10.8

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

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

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

IDAHO RESIDENT LIFE EXPECTANCY
Age in Years by Sex
2019

EXACT AGE IN YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING ($^{\circ}e_x$)		
	Total	Male	Female
0	79.7	77.9	81.6
1	79.1	77.3	81.0
5	75.2	73.3	77.1
10	70.3	68.4	72.2
15	65.3	63.5	67.2
20	60.5	58.7	62.3
25	55.7	54.1	57.5
30	51.0	49.4	52.6
35	46.2	44.7	47.8
40	41.5	40.1	43.0
45	36.9	35.5	38.3
50	32.4	31.0	33.7
55	28.0	26.7	29.2
60	23.8	22.6	24.9
65	19.7	18.8	20.6
70	15.8	15.1	16.6
75	12.2	11.6	12.8
80	9.1	8.8	9.5
85	6.6	6.4	6.7

U.S. life expectancy in 2018 was 78.7 years, 76.2 years for males, and 81.2 years for females.¹

IDAHO RESIDENT LIFE EXPECTANCY AT BIRTH
By District of Residence
2019

RESIDENCE	AVERAGE NUMBER OF YEARS LIFE EXPECTANCY AT BIRTH		
	Total	Male	Female
IDAHO	79.7	77.9	81.6
District 1	78.9	77.3	80.7
District 2	80.4	78.1	82.9
District 3	79.1	76.9	81.5
District 4	81.3	79.6	82.9
District 5	79.2	77.2	81.3
District 6	78.5	76.4	80.6
District 7	79.0	77.5	80.6

Life expectancy at birth represents the average number of years a group of infants born in 2018 would live if the group was to experience throughout life the age-specific death rates present in 2018.

See Technical Notes for methodology.

1. "Mortality in the United States, 2018," National Center for Health Statistics Data Brief, No. 355, January 2020.

IDAHO RESIDENT MORTALITY
Malignant Neoplasm (Cancer) Mortality by Leading Site of Cancer
2019

RESIDENCE	TOTAL	Trachea, bronchus and lung	Colon, rectum, and anus	Pancreas	Breast	Prostate	Leukemia	Liver and intrahepatic bile ducts
IDAHO	2,928	574	256	225	206	182	126	118
Rate	163.8	32.1	14.3	12.6	11.5	20.3	7.1	6.6
District 1	568	126	40	38	32	46	21	20
Rate	231.0	51.2	16.3	15.5	13.0	37.6	8.5	8.1
District 2	222	43	15	15	14	18	13	11
Rate	202.2	39.2	13.7	13.7	12.8	32.2	11.8	10.0
District 3	481	105	57	33	35	16	24	19
Rate	161.3	35.2	19.1	11.1	11.7	10.8	8.0	6.4
District 4	758	142	62	62	56	37	31	27
Rate	143.5	26.9	11.7	11.7	10.6	13.9	5.9	5.1
District 5	336	55	32	26	20	29	12	12
Rate	167.1	27.4	15.9	12.9	9.9	28.8	6.0	6.0
District 6	245	46	15	18	17	15	12	16
Rate	138.7	26.0	8.5	10.2	9.6	17.0	6.8	9.1
District 7	318	57	35	33	32	21	13	13
Rate	139.9	25.1	15.4	14.5	14.1	18.3	5.7	5.7
Ada	676	125	54	54	53	33	28	24
Adams	14	2	-	1	1	1	-	-
Bannock	119	26	6	12	8	9	3	6
Bear Lake	6	1	-	-	-	-	2	-
Benewah	28	8	-	1	1	2	1	1
Bingham	67	10	5	4	5	3	4	6
Blaine	30	4	1	2	3	4	-	1
Boise	11	5	-	2	2	-	-	-
Bonner	112	19	7	9	8	13	5	5
Bonneville	184	28	19	15	22	11	6	6
Boundary	26	3	-	-	-	5	2	1
Butte	7	3	-	-	-	-	-	1
Camas	3	1	1	-	-	1	-	-
Canyon	328	72	36	19	26	11	21	13
Caribou	15	3	2	-	1	-	1	1
Cassia	41	6	4	3	1	1	1	1
Clark	-	-	-	-	-	-	-	-
Clearwater	23	4	1	2	4	2	2	-
Custer	10	4	-	2	-	-	1	1
Elmore	47	11	7	3	-	3	1	2
Franklin	14	1	2	-	1	-	2	1
Fremont	19	2	5	2	1	3	1	2
Gem	31	10	5	1	2	-	-	1
Gooding	18	5	1	1	2	3	-	-
Idaho	45	7	2	5	1	4	4	2
Jefferson	42	8	6	7	1	3	1	1
Jerome	31	6	5	3	2	3	-	-
Kootenai	363	81	32	23	20	24	11	11
Latah	48	12	5	3	5	3	4	5
Lemhi	20	9	1	1	2	2	-	1
Lewis	8	1	-	1	-	-	-	1
Lincoln	12	1	1	-	-	-	-	-
Madison	25	3	3	3	4	2	3	2
Minidoka	47	4	4	3	3	5	1	2
Nez Perce	98	19	7	4	4	9	3	3
Oneida	6	-	-	-	-	3	-	1
Owyhee	28	3	6	4	3	1	-	1
Payette	52	14	5	4	3	3	3	2
Power	11	2	-	2	2	-	-	-
Shoshone	39	15	1	5	3	2	2	2
Teton	18	3	1	3	2	-	1	-
Twin Falls	154	28	15	14	9	12	10	8
Valley	24	1	1	3	1	1	2	1
Washington	28	4	5	4	-	-	-	2

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

IDAHO RESIDENT MORTALITY
Malignant Neoplasm (Cancer) Mortality by Leading Site of Cancer
2019

RESIDENCE	Meninges, brain*	Bladder	Non- Hodgkin's lymphoma	Esophagus	Ovary	Kidney and renal pelvis	Melanoma of skin	All other malignant neoplasms
IDAHO	117	108	105	89	65	65	59	633
Rate	6.5	6.0	5.9	5.0	7.3	3.6	3.3	35.4
District 1	18	24	21	23	9	13	9	128
Rate	7.3	9.8	8.5	9.4	7.3	5.3	3.7	52.1
District 2	10	11	9	7	2	4	2	48
Rate	9.1	10.0	8.2	6.4	3.7	3.6	1.8	43.7
District 3	20	14	18	18	10	10	7	95
Rate	6.7	4.7	6.0	6.0	6.7	3.4	2.3	31.9
District 4	30	27	21	24	22	18	23	176
Rate	5.7	5.1	4.0	4.5	8.4	3.4	4.4	33.3
District 5	10	10	15	8	8	8	10	81
Rate	5.0	5.0	7.5	4.0	8.0	4.0	5.0	40.3
District 6	15	10	11	5	6	5	3	51
Rate	8.5	5.7	6.2	2.8	6.8	2.8	1.7	28.9
District 7	14	12	10	4	8	7	5	54
Rate	6.2	5.3	4.4	1.8	7.1	3.1	2.2	23.8
Ada	27	27	15	22	21	17	20	156
Adams	-	-	-	1	-	-	1	7
Bannock	12	5	4	2	3	2	2	19
Bear Lake	-	-	1	-	1	-	-	1
Benewah	-	3	-	1	-	1	-	9
Bingham	2	2	3	2	2	3	-	16
Blaine	1	-	1	1	1	1	2	8
Boise	-	-	-	1	-	-	-	1
Bonner	4	7	4	6	-	2	3	20
Bonneville	9	5	6	4	5	5	4	39
Boundary	1	2	4	1	1	-	-	6
Butte	-	1	-	-	-	-	-	2
Camas	-	-	-	-	-	-	-	-
Canyon	16	9	12	11	5	8	3	66
Caribou	-	1	-	1	-	-	-	5
Cassia	2	4	1	-	1	1	2	13
Clark	-	-	-	-	-	-	-	-
Clearwater	-	-	1	-	-	2	-	5
Custer	1	1	-	-	-	-	-	-
Elmore	1	-	3	1	1	1	1	12
Franklin	1	1	1	-	-	-	1	3
Fremont	-	-	1	-	1	-	-	1
Gem	3	2	1	2	-	-	1	3
Gooding	-	-	1	-	-	-	-	5
Idaho	2	4	2	1	1	-	-	10
Jefferson	4	2	-	-	-	-	-	9
Jerome	1	1	4	2	-	-	-	4
Kootenai	12	12	12	14	7	10	6	88
Latah	2	1	1	1	-	-	1	5
Lemhi	-	-	-	-	1	1	1	1
Lewis	-	2	-	-	-	-	-	3
Lincoln	-	-	2	-	1	1	-	6
Madison	-	3	1	-	-	-	-	1
Minidoka	2	2	-	3	-	1	2	15
Nez Perce	6	4	5	5	1	2	1	25
Oneida	-	-	1	-	-	-	-	1
Owyhee	-	1	1	1	-	1	1	5
Payette	1	1	1	2	4	1	1	7
Power	-	-	1	-	-	-	-	4
Shoshone	1	-	1	1	1	-	-	5
Teton	-	1	2	-	1	1	-	3
Twin Falls	4	3	6	2	5	4	4	30
Valley	2	-	3	-	-	-	2	7
Washington	-	1	3	1	1	-	-	7

Rates are deaths per 100,000 population. Ovary cancer rates are deaths per 100,000 female population.

* Meninges, brain, includes other parts of central nervous system.

IDAHO RESIDENT MORTALITY
Malignant Neoplasm (Cancer) Mortality by Sex and Leading Site of Cancer
2019

RESIDENCE	MALES					FEMALES				
	TOTAL	Trachea, bronchus and lung	Prostate	Colon, rectum, and anus	Pancreas	TOTAL	Trachea, bronchus and lung	Breast	Colon, rectum, and anus	Pancreas
IDAHO	1,595	303	182	143	114	1,333	271	202	113	111
Rate	178.0	33.8	20.3	16.0	12.7	149.6	30.4	22.7	12.7	12.5
District 1	314	62	46	23	15	254	64	32	17	23
Rate	256.9	50.7	37.6	18.8	12.3	205.5	51.8	25.9	13.8	18.6
District 2	128	23	18	8	10	94	20	13	7	5
Rate	229.3	41.2	32.2	14.3	17.9	174.2	37.1	24.1	13.0	9.3
District 3	250	50	16	32	16	231	55	35	25	17
Rate	168.4	33.7	10.8	21.6	10.8	154.3	36.7	23.4	16.7	11.4
District 4	410	70	37	34	34	348	72	56	28	28
Rate	154.4	26.4	13.9	12.8	12.8	132.4	27.4	21.3	10.7	10.7
District 5	185	32	29	18	12	151	23	20	14	14
Rate	183.7	31.8	28.8	17.9	11.9	150.5	22.9	19.9	14.0	14.0
District 6	135	28	15	7	9	110	18	16	8	9
Rate	152.9	31.7	17.0	7.9	10.2	124.5	20.4	18.1	9.1	10.2
District 7	173	38	21	21	18	145	19	30	14	15
Rate	150.6	33.1	18.3	18.3	15.7	129.0	16.9	26.7	12.5	13.3
Ada	362	63	33	28	30	314	62	53	26	24
Adams	8	1	1	-	-	6	1	1	-	1
Bannock	65	14	9	2	5	54	12	7	4	7
Bear Lake	3	1	-	-	-	3	-	-	-	-
Benewah	17	5	2	-	-	11	3	1	-	1
Bingham	35	8	3	2	2	32	2	5	3	2
Blaine	18	-	4	1	1	12	4	3	-	1
Boise	4	2	-	-	1	7	3	2	-	1
Bonner	66	7	13	6	1	46	12	8	1	8
Bonneville	93	17	11	10	8	91	11	21	9	7
Boundary	17	3	5	-	-	9	-	-	-	-
Butte	5	2	-	-	-	2	1	-	-	-
Camas	3	1	1	1	-	-	-	-	-	-
Canyon	174	36	11	24	7	154	36	26	12	12
Caribou	8	1	-	1	-	7	2	1	1	-
Cassia	21	4	1	1	1	20	2	1	3	2
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	13	3	2	1	1	10	1	3	-	1
Custer	3	1	-	-	1	7	3	-	-	1
Elmore	31	4	3	6	2	16	7	-	1	1
Franklin	8	1	-	2	-	6	-	1	-	-
Fremont	10	-	3	4	1	9	2	1	1	1
Gem	15	6	-	2	-	16	4	2	3	1
Gooding	14	5	3	-	1	4	-	2	1	-
Idaho	24	5	4	-	3	21	2	1	2	2
Jefferson	30	7	3	4	5	12	1	1	2	2
Jerome	14	2	3	4	1	17	4	2	1	2
Kootenai	194	39	24	17	12	169	42	20	15	11
Latah	29	6	3	4	1	19	6	5	1	2
Lemhi	12	8	2	-	-	8	1	2	1	1
Lewis	6	1	-	-	1	2	-	-	-	-
Lincoln	7	1	-	1	-	5	-	-	-	-
Madison	15	2	2	2	1	10	1	3	1	2
Minidoka	26	2	5	2	2	21	2	3	2	1
Nez Perce	56	8	9	3	4	42	11	4	4	-
Oneida	5	-	3	-	-	1	-	-	-	-
Owyhee	12	1	1	3	3	16	2	3	3	1
Payette	28	5	3	2	3	24	9	3	3	1
Power	6	1	-	-	2	5	1	2	-	-
Shoshone	20	8	2	-	2	19	7	3	1	3
Teton	10	3	-	1	2	8	-	2	-	1
Twin Falls	82	17	12	8	6	72	11	9	7	8
Valley	13	1	1	-	1	11	-	1	1	2
Washington	13	1	-	1	3	15	3	-	4	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
2019

SITE OF MALIGNANT NEOPLASM (ICD-10 code)	TOTAL	Male	Female
TOTAL	2,928	1,595	1,333
Lip, Oral Cavity, and Pharynx (C00-C14)	55	37	18
Lip (C00)	-	-	-
Tongue (C01-C02)	12	8	4
Pharynx (C10-C13, C14.0)	23	21	2
Other/unspecified sites within the lip, oral cavity, and pharynx (C03-C09, C14.2-C14.8)	20	8	12
Digestive Organs (C15-C26)	763	455	308
Esophagus (C15)	89	78	11
Stomach (C16)	35	22	13
Small intestine (C17)	11	5	6
Colon (C18)	191	101	90
Rectosigmoid junction and rectum (C19-C20)	60	39	21
Anus and anal canal (C21)	5	3	2
Liver (C22.0, C22.2-C22.9)	84	55	29
Intrahepatic bile ducts (C22.1)	34	19	15
Gallbladder and extrahepatic bile ducts (C23-C24)	15	9	6
Pancreas (C25)	225	114	111
Other/ill-defined digestive organs (C26)	14	10	4
Respiratory & Intrathoracic Organs (C30-C39)	597	320	277
Nasal cavity and middle ear and accessory sinuses (C30-C31)	6	4	2
Larynx (C32)	14	13	1
Trachea (C33)	2	-	2
Bronchus and lung (C34)	572	303	269
Thymus, heart, mediastinum, and pleura (C37-C38)	3	-	3
Other/ill-defined sites in the respiratory system and intrathoracic organs (C39)	-	-	-
Bone and Articular Cartilage (C40-C41)	9	4	5
Melanoma and Other Malignant Neoplasm of Skin (C43-C44)	83	53	30
Melanoma of skin (C43)	59	37	22
Other malignant neoplasms of skin (C44)	24	16	8
Mesothelial and Soft Tissue (C45-C49)	66	42	24
Mesothelioma (C45)	24	18	6
Kaposi's sarcoma (C46)	-	-	-
Other mesothelial and soft tissue (C47-C49)	42	24	18
Breast (C50)	206	4	202
Female Genital Organs (C51-C58)	143	-	143
Vulva and vagina (C51-C52)	12	-	12
Cervix uteri (C53)	18	-	18
Corpus uteri and uterus, part unspecified (C54-C55)	48	-	48
Ovary (C56)	65	-	65
Other/unspecified female genital organs (C57)	-	-	-
Placenta (C58)	-	-	-
Male Genital Organs (C60-C63)	184	184	-
Prostate (C61)	182	182	-
Testis (C62)	1	1	-
Penis and other/unspecified male genital organs (C60, C63)	1	1	-
Urinary Organs (C64-C68)	180	125	55
Kidney and renal pelvis (C64-C65)	65	35	30
Bladder (C67)	108	86	22
Other/unspecified sites within the urinary tract (C66, C68)	7	4	3
Eye and Adexa (C69)	3	3	-
Meninges, Brain, and Other Parts of Central Nervous System (C70-C72)	117	71	46
Brain (C71)	117	71	46
Other parts of central nervous system (C70, C72)	-	-	-
Thyroid and Other Endocrine Glands (C73-C75)	16	7	9

IDAHO RESIDENT MORTALITY
Primary Site of Malignant Neoplasm (Cancer) by Sex (continued)
2019

SITE OF MALIGNANT NEOPLASM (ICD-10 code)	TOTAL	Male	Female
Lymphatic and Hematopoietic Tissues (C81-C96)	292	166	126
Hodgkin's disease (C81)	5	2	3
Non-Hodgkin's lymphoma (C82-C85)	105	54	51
Immunoproliferative diseases (C88)	-	-	-
Multiple myeloma and malignant plasma cell neoplasms (C90)	56	32	24
Lymphoid leukemia (C91)	44	28	16
Myeloid leukemia (C92)	68	43	25
Monocytic leukemia (C93)	1	1	-
Other/unspecified leukemia (C94-C95)	13	6	7
Other/unspecified lymphoid, hematopoietic and related issues (C86, C96)	-	-	-
Other/Unspecified Sites (C76-C80, C97)	214	124	90

IDAHO RESIDENT MORTALITY

Leading Causes of Mortality

2019

RESIDENCE	TOTAL DEATHS	Diseases of heart	Malignant neoplasms	Chronic lower respiratory diseases	Accident	Cerebrovascular diseases
IDAHO	14,430	3,061	2,928	993	947	683
Rate	807.5	171.3	163.8	55.6	53.0	38.2
District 1	2,537	470	568	187	150	130
Rate	1,031.9	191.2	231.0	76.1	61.0	52.9
District 2	1,048	200	222	67	64	48
Rate	954.7	182.2	202.2	61.0	58.3	43.7
District 3	2,382	572	481	170	153	95
Rate	798.7	191.8	161.3	57.0	51.3	31.9
District 4	3,633	764	758	234	207	190
Rate	687.7	144.6	143.5	44.3	39.2	36.0
District 5	1,734	355	336	128	155	82
Rate	862.6	176.6	167.1	63.7	77.1	40.8
District 6	1,477	334	245	110	106	69
Rate	836.4	189.1	138.7	62.3	60.0	39.1
District 7	1,619	366	318	97	112	69
Rate	712.4	161.0	139.9	42.7	49.3	30.4
Ada	3,276	699	676	214	175	172
Adams	40	6	14	2	1	1
Bannock	730	150	119	53	57	37
Bear Lake	55	15	6	3	6	2
Benewah	136	30	28	11	7	6
Bingham	380	92	67	32	26	19
Blaine	135	21	30	10	17	7
Boise	64	12	11	3	9	2
Bonner	482	88	112	35	36	32
Bonneville	948	200	184	59	69	38
Boundary	113	22	26	8	7	10
Butte	31	10	7	3	-	2
Camas	14	3	3	-	3	1
Canyon	1,618	387	328	115	100	73
Caribou	68	19	15	8	4	1
Cassia	214	46	41	10	23	13
Clark	6	2	-	-	-	-
Clearwater	95	18	23	6	5	8
Custer	46	13	10	5	4	2
Elmore	216	43	47	14	18	13
Franklin	100	21	14	1	4	6
Fremont	106	27	19	6	10	4
Gem	210	60	31	20	16	4
Gooding	130	32	18	13	12	8
Idaho	192	45	45	12	12	13
Jefferson	170	40	42	8	9	6
Jerome	174	49	31	15	13	9
Kootenai	1,616	301	363	111	92	77
Latah	200	35	48	7	16	12
Lemhi	111	31	20	11	4	5
Lewis	52	10	8	7	3	1
Lincoln	41	7	12	2	3	1
Madison	171	44	25	4	7	11
Minidoka	222	47	47	13	14	8
Nez Perce	509	92	98	35	28	14
Oneida	46	10	6	2	3	1
Owyhee	109	24	28	5	6	6
Payette	259	61	52	17	18	9
Power	67	17	11	8	6	1
Shoshone	190	29	39	22	8	5
Teton	61	9	18	4	9	3
Twin Falls	804	150	154	65	70	35
Valley	77	10	24	3	5	3
Washington	146	34	28	11	12	2

Rates are deaths per 100,000 population.

IDAHO RESIDENT MORTALITY
Leading Causes of Mortality (continued)
2019

RESIDENCE	Alzheimer's disease	Diabetes mellitus	Suicide	Chronic liver disease and cirrhosis	Influenza and pneumonia	Parkinson's disease
IDAHO	650	423	365	249	231	220
Rate	36.4	23.7	20.4	13.9	12.9	12.3
District 1	65	83	65	42	33	37
Rate	26.4	33.8	26.4	17.1	13.4	15.0
District 2	40	40	17	16	26	15
Rate	36.4	36.4	15.5	14.6	23.7	13.7
District 3	119	64	59	44	39	35
Rate	39.9	21.5	19.8	14.8	13.1	11.7
District 4	229	91	94	72	39	73
Rate	43.3	17.2	17.8	13.6	7.4	13.8
District 5	82	38	40	26	33	28
Rate	40.8	18.9	19.9	12.9	16.4	13.9
District 6	67	52	49	28	29	18
Rate	37.9	29.4	27.7	15.9	16.4	10.2
District 7	48	55	41	21	32	14
Rate	21.1	24.2	18.0	9.2	14.1	6.2
Ada	215	79	84	62	36	71
Adams	4	1	1	-	1	-
Bannock	45	23	26	19	16	14
Bear Lake	1	1	1	1	1	1
Benewah	-	7	2	-	2	2
Bingham	13	18	12	5	6	2
Blaine	4	3	5	5	1	2
Boise	2	2	4	2	-	-
Bonner	20	20	16	8	4	6
Bonneville	26	32	25	14	16	11
Boundary	6	1	4	1	2	3
Butte	-	2	-	-	-	-
Camas	-	-	-	-	-	1
Canyon	79	40	45	30	23	23
Caribou	1	3	1	-	1	1
Cassia	6	3	4	5	2	3
Clark	1	-	-	-	-	-
Clearwater	-	3	3	-	1	-
Custer	1	1	1	-	1	-
Elmore	9	8	5	6	2	2
Franklin	1	4	6	1	2	-
Fremont	4	7	1	-	4	-
Gem	12	7	2	3	3	6
Gooding	2	3	2	4	6	1
Idaho	3	5	1	4	7	1
Jefferson	-	5	8	2	4	-
Jerome	9	1	4	1	2	1
Kootenai	33	43	39	29	22	24
Latah	10	8	2	2	3	4
Lemhi	2	2	3	2	-	1
Lewis	-	3	-	-	3	1
Lincoln	1	2	-	-	2	-
Madison	13	7	3	2	6	2
Minidoka	9	10	3	3	4	5
Nez Perce	27	21	11	10	12	9
Oneida	3	1	1	1	1	-
Owyhee	3	1	2	2	2	-
Payette	15	12	8	8	3	5
Power	3	-	2	1	2	-
Shoshone	6	12	4	4	3	2
Teton	1	1	-	1	1	-
Twin Falls	51	16	22	8	16	15
Valley	3	2	1	2	1	-
Washington	6	3	1	1	7	1

Rates are deaths per 100,000 population.

IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group
2019

CAUSE OF DEATH	ICD-10 CODE	SEX	TOTAL	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
TOTAL	A01-Y99	T	14,430	97	21	33	26	58	108	226	372	665	1,649	2,775	3,890	4,510
		F	6,893	47	10	19	9	17	25	65	140	267	659	1,162	1,797	2,676
		M	7,537	50	11	14	17	41	83	161	232	398	990	1,613	2,093	1,834
# Salmonella infections	A01-A02	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Shigellosis and amebiasis	A03, A06	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Certain other intestinal infections	A04, A07-A09	T	34	1	-	-	-	1	-	-	-	1	5	4	11	11
		F	20	-	-	-	-	-	-	-	-	1	1	4	8	6
		M	14	1	-	-	-	1	-	-	-	-	4	-	3	5
# Enterocolitis due to <i>Clostridium difficile</i>	A04.7	T	7	-	-	-	-	-	-	-	-	1	-	2	4	-
		F	6	-	-	-	-	-	-	-	-	1	-	2	3	-
		M	1	-	-	-	-	-	-	-	-	-	-	-	1	-
# Tuberculosis	A16-A19	T	1	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Respiratory tuberculosis	A16	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other tuberculosis	A17-A19	T	1	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Whooping cough	A37	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Scarlet fever and erysipelas	A38, A46	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Meningococcal infection	A39	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Septicemia	A40-A41	T	116	-	-	-	-	1	-	-	1	4	16	30	29	35
		F	54	-	-	-	-	1	-	-	1	-	7	15	11	19
		M	62	-	-	-	-	-	-	-	-	4	9	15	18	16
# 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)
2019

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	28	-	-	-	-	-	-	-	1	2	11	7	4	3
		F	12	-	-	-	-	-	-	-	-	-	4	3	4	1
		M	16	-	-	-	-	-	-	-	1	2	7	4	-	2
# Human immunodeficiency virus (HIV) disease	B20-B24	T	5	-	-	-	-	-	-	-	-	-	3	2	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	5	-	-	-	-	-	-	-	-	-	3	2	-	-
# Malaria	B50-B54	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unspecified infectious and parasitic diseases and their sequelae	See footnote 1	T	60	1	2	3	-	-	-	1	1	5	10	12	15	10
		F	33	1	1	3	-	-	-	-	1	4	4	6	7	6
		M	27	-	1	-	-	-	-	1	-	1	6	6	8	4
West Nile Fever	A92.3	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Malignant neoplasms (cancer)	C00-C97	T	2,928	-	3	4	5	7	6	13	48	131	475	843	875	518
		F	1,333	-	-	3	1	2	2	5	28	65	218	372	392	245
		M	1,595	-	3	1	4	5	4	8	20	66	257	471	483	273
Lip, oral cavity and pharynx	C00-C14	T	55	-	-	-	-	-	-	-	-	3	15	14	17	6
		F	18	-	-	-	-	-	-	-	-	2	4	6	3	3
		M	37	-	-	-	-	-	-	-	-	1	11	8	14	3
Esophagus	C15	T	89	-	-	-	-	-	-	-	2	6	18	31	26	6
		F	11	-	-	-	-	-	-	-	1	1	1	3	4	1
		M	78	-	-	-	-	-	-	-	1	5	17	28	22	5
Stomach	C16	T	35	-	-	-	-	-	-	-	1	4	8	10	7	5
		F	13	-	-	-	-	-	-	-	1	1	3	4	2	2
		M	22	-	-	-	-	-	-	-	-	3	5	6	5	3
Colon, rectum and anus	C18-C21	T	256	-	-	-	-	-	-	2	6	29	50	62	60	47
		F	113	-	-	-	-	-	-	1	1	11	14	29	29	28
		M	143	-	-	-	-	-	-	1	5	18	36	33	31	19

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

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

IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group (continued)
2019

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	118	-	-	-	-	-	-	1	2	4	24	55	27	5
		F	44	-	-	-	-	-	-	-	-	1	7	23	12	1
		M	74	-	-	-	-	-	-	1	2	3	17	32	15	4
Pancreas	C25	T	225	-	-	-	-	-	-	-	4	4	42	83	61	31
		F	111	-	-	-	-	-	-	-	2	3	17	43	29	17
		M	114	-	-	-	-	-	-	-	2	1	25	40	32	14
Larynx	C32	T	14	-	-	-	-	-	-	-	-	-	2	4	6	2
		F	1	-	-	-	-	-	-	-	-	-	-	1	-	-
		M	13	-	-	-	-	-	-	-	-	-	2	3	6	2
Trachea, bronchus and lung	C33-C34	T	574	-	-	-	-	-	-	-	1	13	96	185	201	78
		F	271	-	-	-	-	-	-	-	-	7	46	77	99	42
		M	303	-	-	-	-	-	-	-	1	6	50	108	102	36
Malignant melanoma of skin	C43	T	59	-	-	-	-	-	1	1	2	4	9	13	17	12
		F	22	-	-	-	-	-	1	-	2	2	3	5	7	2
		M	37	-	-	-	-	-	-	1	-	2	6	8	10	10
Breast	C50	T	206	-	-	-	-	-	-	1	11	15	43	47	46	43
		F	202	-	-	-	-	-	-	1	11	15	41	46	45	43
		M	4	-	-	-	-	-	-	-	-	-	2	1	1	-
Cervix uteri	C53	T	18	-	-	-	-	-	1	-	3	3	3	7	-	1
		F	18	-	-	-	-	-	1	-	3	3	3	7	-	1
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corpus uteri and uterus, part unspecified	C54-C55	T	48	-	-	-	-	-	-	-	-	4	10	18	8	8
		F	48	-	-	-	-	-	-	-	-	4	10	18	8	8
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ovary	C56	T	65	-	-	-	-	-	-	-	1	3	10	19	22	10
		F	65	-	-	-	-	-	-	-	1	3	10	19	22	10
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prostate	C61	T	182	-	-	-	-	-	-	-	-	1	11	51	62	57
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	182	-	-	-	-	-	-	-	-	1	11	51	62	57
Kidney and renal pelvis	C64-C65	T	65	-	-	-	-	-	-	-	-	2	7	22	24	10
		F	30	-	-	-	-	-	-	-	-	-	1	7	15	7
		M	35	-	-	-	-	-	-	-	-	2	6	15	9	3
Bladder	C67	T	108	-	-	-	-	-	-	-	-	5	7	25	31	40
		F	22	-	-	-	-	-	-	-	-	-	3	7	6	6
		M	86	-	-	-	-	-	-	-	-	5	4	18	25	34
Meninges, brain and other parts of central nervous system	C70-C72	T	117	-	1	3	2	1	2	2	8	10	26	31	27	4
		F	46	-	-	2	1	-	-	1	4	5	10	11	10	2
		M	71	-	1	1	1	1	2	1	4	5	16	20	17	2

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

IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group (continued)
2019

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	292	-	1	1	3	2	1	4	1	8	29	74	106	62
		F	126	-	-	1	-	2	-	1	-	5	12	27	53	25
		M	166	-	1	-	3	-	1	3	1	3	17	47	53	37
Hodgkin's disease	C81	T	5	-	-	-	-	1	-	-	-	-	1	-	3	-
		F	3	-	-	-	-	1	-	-	-	-	-	-	2	-
		M	2	-	-	-	-	-	-	-	-	-	1	-	1	-
Non-Hodgkin's lymphoma	C82-C85	T	105	-	-	-	1	-	1	1	1	2	14	28	38	19
		F	51	-	-	-	-	-	-	1	-	1	7	11	22	9
		M	54	-	-	-	1	-	1	-	1	1	7	17	16	10
Leukemia	C91-C95	T	126	-	1	1	2	1	-	3	-	5	11	29	42	31
		F	48	-	-	1	-	1	-	-	-	3	4	7	20	12
		M	78	-	1	-	2	-	-	3	-	2	7	22	22	19
Multiple myeloma and immunoproliferative neoplasms	C88, C90	T	56	-	-	-	-	-	-	-	-	1	3	17	23	12
		F	24	-	-	-	-	-	-	-	-	1	1	9	9	4
		M	32	-	-	-	-	-	-	-	-	-	2	8	14	8
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other & unspecified malignant neoplasms	See footnote 1	T	402	-	1	-	-	4	1	2	6	13	65	92	127	91
		F	172	-	-	-	-	-	-	1	2	2	33	39	48	47
		M	230	-	1	-	-	4	1	1	4	11	32	53	79	44
# In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	T	74	-	-	-	-	1	-	1	3	1	2	12	33	21
		F	29	-	-	-	-	-	-	-	1	-	-	4	12	12
		M	45	-	-	-	-	1	-	1	2	1	2	8	21	9
# Anemias	D50-D64	T	22	-	-	-	-	-	-	-	-	2	1	7	2	10
		F	15	-	-	-	-	-	-	-	-	2	1	5	1	6
		M	7	-	-	-	-	-	-	-	-	-	-	2	1	4
# Diabetes mellitus	E10-E14	T	423	-	-	-	-	-	-	1	5	24	77	96	123	97
		F	174	-	-	-	-	-	-	-	4	10	30	32	49	49
		M	249	-	-	-	-	-	-	1	1	14	47	64	74	48
# Nutritional deficiencies	E40-E64	T	98	-	-	-	-	-	-	-	1	1	4	13	20	59
		F	64	-	-	-	-	-	-	-	1	-	2	6	14	41
		M	34	-	-	-	-	-	-	-	-	1	2	7	6	18
Malnutrition	E40-E46	T	93	-	-	-	-	-	-	-	1	1	4	9	19	59
		F	62	-	-	-	-	-	-	-	1	-	2	5	13	41
		M	31	-	-	-	-	-	-	-	-	1	2	4	6	18
Other nutritional deficiencies	E50-E64	T	5	-	-	-	-	-	-	-	-	-	-	4	1	-
		F	2	-	-	-	-	-	-	-	-	-	-	1	1	-
		M	3	-	-	-	-	-	-	-	-	-	-	3	-	-

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)
2019

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	5	-	1	-	-	-	-	-	-	1	2	1	-	-
		F	1	-	1	-	-	-	-	-	-	-	-	-	-	-
		M	4	-	-	-	-	-	-	-	-	1	2	1	-	-
# Parkinson's disease	G20-G21	T	220	-	-	-	-	-	-	-	-	-	6	35	90	89
		F	79	-	-	-	-	-	-	-	-	-	4	4	27	44
		M	141	-	-	-	-	-	-	-	-	-	2	31	63	45
# Alzheimer's disease	G30	T	650	-	-	-	-	-	-	-	-	2	5	47	161	435
		F	446	-	-	-	-	-	-	-	-	2	4	26	99	315
		M	204	-	-	-	-	-	-	-	-	-	1	21	62	120
Major cardiovascular diseases	I00-I78	T	3,969	3	1	4	2	2	2	13	43	129	380	687	1,076	1,627
		F	1,854	2	-	1	1	-	-	4	16	43	120	247	473	947
		M	2,115	1	1	3	1	2	2	9	27	86	260	440	603	680
# Diseases of heart	I00-I09, I11, I13, I20-I51	T	3,061	2	-	3	2	2	1	9	36	101	306	539	797	1,263
		F	1,357	1	-	1	1	-	-	3	11	32	96	182	335	695
		M	1,704	1	-	2	1	2	1	6	25	69	210	357	462	568
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	T	38	1	-	-	-	-	-	-	-	1	4	6	13	13
		F	26	-	-	-	-	-	-	-	-	1	2	4	9	10
		M	12	1	-	-	-	-	-	-	-	-	2	2	4	3
Hypertensive heart disease	I11	T	159	-	-	-	-	-	-	1	-	1	14	18	34	91
		F	94	-	-	-	-	-	-	-	-	1	5	9	17	62
		M	65	-	-	-	-	-	-	1	-	-	9	9	17	29
Hypertensive heart and renal disease	I13	T	50	-	-	-	-	-	-	-	-	-	1	2	17	30
		F	30	-	-	-	-	-	-	-	-	-	1	1	8	20
		M	20	-	-	-	-	-	-	-	-	-	-	1	9	10
Ischemic heart diseases	I20-I25	T	1,550	-	-	-	-	-	-	3	23	67	200	331	397	529
		F	542	-	-	-	-	-	-	2	6	20	54	90	130	240
		M	1,008	-	-	-	-	-	-	1	17	47	146	241	267	289
Acute myocardial infarction	I21-I22	T	670	-	-	-	-	-	-	2	18	41	129	155	173	152
		F	224	-	-	-	-	-	-	1	5	13	34	38	60	73
		M	446	-	-	-	-	-	-	1	13	28	95	117	113	79
Other acute ischemic heart diseases	I24	T	30	-	-	-	-	-	-	-	-	2	3	9	6	10
		F	14	-	-	-	-	-	-	-	-	-	1	3	4	6
		M	16	-	-	-	-	-	-	-	-	2	2	6	2	4
Other forms of chronic ischemic heart disease	I20, I25	T	850	-	-	-	-	-	-	1	5	24	68	167	218	367
		F	304	-	-	-	-	-	-	1	1	7	19	49	66	161
		M	546	-	-	-	-	-	-	-	4	17	49	118	152	206
Atherosclerotic cardiovascular disease, so described	I25.0	T	110	-	-	-	-	-	-	-	4	12	19	34	19	22
		F	31	-	-	-	-	-	-	-	1	3	3	8	8	8
		M	79	-	-	-	-	-	-	-	3	9	16	26	11	14

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IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group (continued)
2019

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	740	-	-	-	-	-	-	1	1	12	49	133	199	345
		F	273	-	-	-	-	-	-	1	-	4	16	41	58	153
		M	467	-	-	-	-	-	-	-	1	8	33	92	141	192
Other heart diseases	I26-I51	T	1,264	1	-	3	2	2	1	5	13	32	87	182	336	600
		F	665	1	-	1	1	-	-	1	5	10	34	78	171	363
		M	599	-	-	2	1	2	1	4	8	22	53	104	165	237
Acute and subacute endocarditis	I33	T	12	-	-	-	-	-	-	-	1	1	5	2	2	1
		F	6	-	-	-	-	-	-	-	-	1	2	1	1	1
		M	6	-	-	-	-	-	-	-	1	-	3	1	1	-
Diseases of pericardium and acute myocarditis	I30-I31, I40	T	6	-	-	1	-	-	-	-	1	-	-	-	3	1
		F	3	-	-	-	-	-	-	-	-	-	-	-	2	1
		M	3	-	-	1	-	-	-	-	1	-	-	-	1	-
Heart failure	I50	T	443	-	-	-	-	-	1	1	1	3	14	54	122	247
		F	235	-	-	-	-	-	-	-	-	-	6	28	66	135
		M	208	-	-	-	-	-	1	1	1	3	8	26	56	112
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	T	803	1	-	2	2	2	-	4	10	28	68	126	209	351
		F	421	1	-	1	1	-	-	1	5	9	26	49	102	226
		M	382	-	-	1	1	2	-	3	5	19	42	77	107	125
# Essential hypertension and hypertensive renal disease	I10, I12, I15	T	125	-	-	-	-	-	-	-	-	4	14	22	29	56
		F	75	-	-	-	-	-	-	-	-	2	7	11	16	39
		M	50	-	-	-	-	-	-	-	-	2	7	11	13	17
# Cerebrovascular diseases	I60-I69	T	683	1	1	1	-	-	1	2	6	17	48	104	221	281
		F	385	1	-	-	-	-	-	1	4	8	13	47	112	199
		M	298	-	1	1	-	-	1	1	2	9	35	57	109	82
# Atherosclerosis	I70	T	8	-	-	-	-	-	-	-	-	1	1	2	-	4
		F	5	-	-	-	-	-	-	-	-	-	-	1	-	4
		M	3	-	-	-	-	-	-	-	-	1	1	1	-	-
Other diseases of circulatory system	I71-I78	T	92	-	-	-	-	-	-	2	1	6	11	20	29	23
		F	32	-	-	-	-	-	-	-	1	1	4	6	10	10
		M	60	-	-	-	-	-	-	2	-	5	7	14	19	13
# Aortic aneurysm and dissection	I71	T	47	-	-	-	-	-	-	1	-	4	5	13	14	10
		F	15	-	-	-	-	-	-	-	-	1	1	4	3	6
		M	32	-	-	-	-	-	-	1	-	3	4	9	11	4
Other diseases of arteries, arterioles and capillaries	I72-I78	T	45	-	-	-	-	-	-	1	1	2	6	7	15	13
		F	17	-	-	-	-	-	-	-	1	-	3	2	7	4
		M	28	-	-	-	-	-	-	1	-	2	3	5	8	9
Other disorders of circulatory system	I80-I99	T	33	-	-	-	-	-	-	3	-	5	4	10	4	7
		F	17	-	-	-	-	-	-	2	-	1	-	8	2	4
		M	16	-	-	-	-	-	-	1	-	4	4	2	2	3

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IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group (continued)
2019

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	231	1	-	1	-	-	1	1	6	9	25	42	66	79
		F	114	1	-	1	-	-	-	-	2	4	12	17	30	47
		M	117	-	-	-	-	-	1	1	4	5	13	25	36	32
Influenza	J09-J11	T	57	-	-	1	-	-	-	-	2	4	7	15	15	13
		F	30	-	-	1	-	-	-	-	2	1	3	9	7	7
		M	27	-	-	-	-	-	-	-	-	3	4	6	8	6
Pneumonia	J12-J18	T	174	1	-	-	-	-	1	1	4	5	18	27	51	66
		F	84	1	-	-	-	-	-	-	-	3	9	8	23	40
		M	90	-	-	-	-	-	1	1	4	2	9	19	28	26
Other acute lower respiratory infections	J20-J22, U04	T	3	1	1	-	-	-	-	-	-	-	-	-	-	1
		F	2	1	-	-	-	-	-	-	-	-	-	-	-	1
		M	1	-	1	-	-	-	-	-	-	-	-	-	-	-
# Acute bronchitis and bronchiolitis	J20-J21	T	2	1	1	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Other and unspecified acute lower respiratory infections	J22, U04	T	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Chronic lower respiratory diseases	J40-J47	T	993	-	-	-	-	1	1	-	2	22	96	252	387	232
		F	510	-	-	-	-	-	-	-	2	12	49	120	191	136
		M	483	-	-	-	-	1	1	-	-	10	47	132	196	96
Bronchitis, chronic and unspecified	J40-J42	T	2	-	-	-	-	-	-	-	-	-	-	-	-	2
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		M	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Emphysema	J43	T	47	-	-	-	-	-	-	-	-	-	3	20	15	9
		F	25	-	-	-	-	-	-	-	-	-	3	11	7	4
		M	22	-	-	-	-	-	-	-	-	-	-	9	8	5
Asthma	J45-J46	T	18	-	-	-	-	1	1	-	2	2	1	3	1	7
		F	13	-	-	-	-	-	-	-	2	1	1	3	1	5
		M	5	-	-	-	-	1	1	-	-	1	-	-	-	2
Other chronic lower respiratory diseases	J44, J47	T	926	-	-	-	-	-	-	-	-	20	92	229	371	214
		F	471	-	-	-	-	-	-	-	-	11	45	106	183	126
		M	455	-	-	-	-	-	-	-	-	9	47	123	188	88
# Pneumoconiosis and chemical effects	J60-J66, J68	T	10	-	-	-	-	-	-	-	-	-	1	1	3	5
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	10	-	-	-	-	-	-	-	-	-	1	1	3	5
# Pneumonitis due to solids and liquids	J69	T	93	-	-	-	-	-	-	1	1	1	4	11	35	40
		F	37	-	-	-	-	-	-	1	1	1	1	3	15	15
		M	56	-	-	-	-	-	-	-	-	-	3	8	20	25

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IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group (continued)
2019

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	270	1	-	-	-	1	-	2	3	7	22	63	89	82
		F	126	-	-	-	-	1	-	1	2	3	15	24	37	43
		M	144	1	-	-	-	-	-	1	1	4	7	39	52	39
# Peptic ulcer	K25-K28	T	28	-	-	-	-	-	-	1	1	1	3	4	8	10
		F	10	-	-	-	-	-	-	-	-	1	-	1	4	4
		M	18	-	-	-	-	-	-	1	1	-	3	3	4	6
# Diseases of appendix	K35-K38	T	4	-	-	1	-	-	-	-	-	-	-	-	1	2
		F	3	-	-	-	-	-	-	-	-	-	-	-	1	2
		M	1	-	-	1	-	-	-	-	-	-	-	-	-	-
# Hernia	K40-K46	T	18	-	-	-	-	-	-	-	-	1	-	3	1	13
		F	14	-	-	-	-	-	-	-	-	-	-	3	-	11
		M	4	-	-	-	-	-	-	-	-	1	-	-	1	2
# Chronic liver disease and cirrhosis	K70, K73-K74	T	249	-	-	-	-	-	-	7	20	42	98	54	20	8
		F	93	-	-	-	-	-	-	1	9	17	33	24	7	2
		M	156	-	-	-	-	-	-	6	11	25	65	30	13	6
Alcoholic liver disease	K70	T	180	-	-	-	-	-	-	6	19	39	74	33	8	1
		F	59	-	-	-	-	-	-	-	8	15	23	12	1	-
		M	121	-	-	-	-	-	-	6	11	24	51	21	7	1
Other chronic liver disease and cirrhosis	K73-K74	T	69	-	-	-	-	-	-	1	1	3	24	21	12	7
		F	34	-	-	-	-	-	-	1	1	2	10	12	6	2
		M	35	-	-	-	-	-	-	-	-	1	14	9	6	5
# Cholelithiasis and other disorders of gallbladder	K80-K82	T	26	-	-	-	-	-	-	-	-	-	-	5	6	15
		F	8	-	-	-	-	-	-	-	-	-	-	1	1	6
		M	18	-	-	-	-	-	-	-	-	-	-	4	5	9
# Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27	T	190	-	-	-	-	1	1	-	2	4	20	31	63	68
		F	93	-	-	-	-	1	1	-	2	3	4	12	38	32
		M	97	-	-	-	-	-	-	-	-	1	16	19	25	36
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01, N04	T	2	-	-	-	-	-	-	-	-	-	-	-	-	2
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	2
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic, and renal sclerosis unspecified	N02-N03, N05-N07, N26	T	3	-	-	-	-	1	-	-	-	-	-	-	1	1
		F	3	-	-	-	-	1	-	-	-	-	-	-	1	1
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Renal failure	N17-N19	T	185	-	-	-	-	-	1	-	2	4	20	31	62	65
		F	88	-	-	-	-	-	1	-	2	3	4	12	37	29
		M	97	-	-	-	-	-	-	-	-	1	16	19	25	36
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)
2019

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	-	-	4	2
		F	5	-	-	-	-	-	-	-	-	-	-	-	3	2
		M	2	-	-	-	-	-	-	-	-	1	-	-	1	-
# Hyperplasia of prostate	N40	T	2	-	-	-	-	-	-	-	-	-	-	-	-	2
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	-	-	-	-	-	-	-	2
# Inflammatory diseases of female pelvic organs	N70-N76	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Pregnancy, childbirth and the puerperium	O00-O99	T	4	-	-	-	-	-	1	3	-	-	-	-	-	-
		F	4	-	-	-	-	-	1	3	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pregnancy with abortive outcome	O00-O07	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other complications of pregnancy, childbirth and the puerperium	O10-O95, O98-O99	T	2	-	-	-	-	-	1	1	-	-	-	-	-	-
		F	2	-	-	-	-	-	1	1	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maternal causes more than 42 days after delivery or termination of pregnancy	O96-O97	T	2	-	-	-	-	-	-	2	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	2	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Certain conditions originating in the perinatal period	P00-P96	T	42	41	1	-	-	-	-	-	-	-	-	-	-	-
		F	17	17	-	-	-	-	-	-	-	-	-	-	-	-
		M	25	24	1	-	-	-	-	-	-	-	-	-	-	-
# Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	T	56	25	-	2	-	-	-	1	-	8	7	4	5	4
		F	24	13	-	1	-	-	-	1	-	3	1	1	3	1
		M	32	12	-	1	-	-	-	-	-	5	6	3	2	3
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	T	197	11	-	-	-	1	1	2	2	2	5	15	27	131
		F	129	6	-	-	-	1	-	1	1	1	2	5	18	94
		M	68	5	-	-	-	-	1	1	1	1	3	10	9	37
Sudden infant death syndrome	R95	T	8	8	-	-	-	-	-	-	-	-	-	-	-	-
		F	4	4	-	-	-	-	-	-	-	-	-	-	-	-
		M	4	4	-	-	-	-	-	-	-	-	-	-	-	-
Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R53, R55-R94, R96-R99	T	189	3	-	-	-	1	1	2	2	2	5	15	27	131
		F	125	2	-	-	-	1	-	1	1	1	2	5	18	94
		M	64	1	-	-	-	-	1	1	1	1	3	10	9	37
All other diseases (residual)	All other A00-N99	T	1,935	3	2	6	4	3	5	15	50	91	180	333	529	714
		F	1,097	2	1	2	1	-	3	7	19	39	87	173	274	489
		M	838	1	1	4	3	3	2	8	31	52	93	160	255	225

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IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group (continued)
2019

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	947	6	9	12	6	19	55	95	106	99	123	101	154	162
		F	360	2	6	8	-	6	12	22	32	38	44	37	64	89
		M	587	4	3	4	6	13	43	73	74	61	79	64	90	73
Transport accidents	V01-V99, Y85	T	293	-	5	9	4	15	25	40	42	39	35	31	32	16
		F	85	-	5	6	-	5	4	9	11	8	12	12	8	5
		M	208	-	-	3	4	10	21	31	31	31	23	19	24	11
Motor vehicle accidents	See footnote 1	T	255	-	5	8	2	14	24	37	40	30	30	25	27	13
		F	76	-	5	6	-	4	4	9	11	6	10	10	8	3
		M	179	-	-	2	2	10	20	28	29	24	20	15	19	10
Other land transport accidents	See footnote 2	T	4	-	-	-	-	-	-	-	-	2	1	-	-	1
		F	2	-	-	-	-	-	-	-	-	1	-	-	-	1
		M	2	-	-	-	-	-	-	-	-	1	1	-	-	-
Water, air and space, other and unspecified transport accidents and their sequelae	V90-V99, Y85	T	34	-	-	1	2	1	1	3	2	7	4	6	5	2
		F	7	-	-	-	-	1	-	-	-	1	2	2	-	1
		M	27	-	-	1	2	-	1	3	2	6	2	4	5	1
Nontransport accidents	W00-X59, Y86	T	654	6	4	3	2	4	30	55	64	60	88	70	122	146
		F	275	2	1	2	-	1	8	13	21	30	32	25	56	84
		M	379	4	3	1	2	3	22	42	43	30	56	45	66	62
Falls	W00-W19	T	269	-	-	1	-	-	-	1	5	3	18	34	84	123
		F	137	-	-	1	-	-	-	1	1	1	5	14	43	71
		M	132	-	-	-	-	-	-	-	4	2	13	20	41	52
Accidental discharge of firearms	W32-W34	T	5	-	-	-	-	1	2	-	-	-	2	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	5	-	-	-	-	1	2	-	-	-	2	-	-	-
Accidental drowning and submersion	W65-W74	T	19	-	2	-	-	2	4	3	2	3	2	-	-	1
		F	3	-	1	-	-	-	-	-	1	1	-	-	-	-
		M	16	-	1	-	-	2	4	3	1	2	2	-	-	1
Accidental exposure to smoke, fire and flames	X00-X09	T	14	-	1	1	1	-	-	-	1	2	2	4	2	-
		F	4	-	-	1	-	-	-	-	1	-	1	1	-	-
		M	10	-	1	-	1	-	-	-	-	2	1	3	2	-
Accidental poisoning and exposure to noxious substances	X40-X49	T	243	-	-	-	-	1	23	49	50	48	51	14	6	1
		F	96	-	-	-	-	1	8	12	18	25	22	7	2	1
		M	147	-	-	-	-	-	15	37	32	23	29	7	4	-
Other and unspecified nontransport accidents and their sequelae	See footnote 3	T	104	6	1	1	1	-	1	2	6	4	13	18	30	21
		F	35	2	-	-	-	-	-	-	-	3	4	3	11	12
		M	69	4	1	1	1	-	1	2	6	1	9	15	19	9

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), 2019

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	365	-	-	-	8	19	34	53	65	49	54	39	33	11
		F	80	-	-	-	5	4	6	14	14	12	13	7	3	2
		M	285	-	-	-	3	15	28	39	51	37	41	32	30	9
Discharge of firearms	X72-X74	T	223	-	-	-	3	10	25	25	31	31	37	23	29	9
		F	34	-	-	-	1	2	3	4	6	6	8	2	2	-
		M	189	-	-	-	2	8	22	21	25	25	29	21	27	9
Other and unspecified means and their sequelae	U03, X60-X71, X75-X84, Y87.0	T	142	-	-	-	5	9	9	28	34	18	17	16	4	2
		F	46	-	-	-	4	2	3	10	8	6	5	5	1	2
		M	96	-	-	-	1	7	6	18	26	12	12	11	3	-
# Assault (homicide)	U01-U02, X85- Y09, Y87.1	T	30	2	-	-	1	1	1	6	5	8	2	1	2	1
		F	12	1	-	-	1	1	-	1	2	1	2	-	2	1
		M	18	1	-	-	-	-	1	5	3	7	-	1	-	-
Discharge of firearms	U01.4, X93- X95	T	19	-	-	-	1	1	-	4	4	6	-	1	2	-
		F	6	-	-	-	1	1	-	-	2	-	-	-	2	-
		M	13	-	-	-	-	-	-	4	2	6	-	1	-	-
Other and unspecified means and their sequelae	See footnote 1	T	11	2	-	-	-	-	1	2	1	2	2	-	-	1
		F	6	1	-	-	-	-	-	1	-	1	2	-	-	1
		M	5	1	-	-	-	-	1	1	1	1	-	-	-	-
# Legal intervention	Y35, Y89.0	T	10	-	-	-	-	-	-	3	2	4	1	-	-	-
		F	1	-	-	-	-	-	-	1	-	-	-	-	-	-
		M	9	-	-	-	-	-	-	2	2	4	1	-	-	-
Events of undetermined intent	Y10-Y34, Y87.2, Y89.9	T	22	1	1	-	-	-	-	3	3	5	3	4	1	1
		F	8	1	1	-	-	-	-	-	1	2	1	1	1	-
		M	14	-	-	-	-	-	-	3	2	3	2	3	-	1
Discharge of firearms	Y22-Y24	T	2	-	-	-	-	-	-	-	-	2	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	-	-	-	2	-	-	-	-
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25- Y34, Y87.2, Y89.9	T	20	1	1	-	-	-	-	3	3	3	3	4	1	1
		F	8	1	1	-	-	-	-	-	1	2	1	1	1	-
		M	12	-	-	-	-	-	-	3	2	1	2	3	-	1
Poisoning and exposure to noxious substances	Y10-Y19	T	13	1	-	-	-	-	-	2	3	2	2	3	-	-
		F	5	1	-	-	-	-	-	-	1	1	1	1	-	-
		M	8	-	-	-	-	-	-	2	2	1	1	2	-	-
# Operations of war and their sequelae ²	Y36, Y89.1	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Complications of medical and surgical care	Y40-Y84, Y88	T	32	-	-	-	-	-	-	1	1	3	4	6	12	5
		F	14	-	-	-	-	-	-	1	1	2	-	1	5	4
		M	18	-	-	-	-	-	-	-	-	1	4	5	7	1

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 deaths occurring overseas during military activities.

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Cause of Accident, Age Group, and Sex
2019

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	947	6	9	12	6	19	55	95	106	99	123	101	154	162
		F	360	2	6	8	-	6	12	22	32	38	44	37	64	89
		M	587	4	3	4	6	13	43	73	74	61	79	64	90	73
Total Transport accidents	V01-V99, Y85	T	293	-	5	9	4	15	25	40	42	39	35	31	32	16
		F	85	-	5	6	-	5	4	9	11	8	12	12	8	5
		M	208	-	-	3	4	10	21	31	31	31	23	19	24	11
Total motor vehicle accidents	See footnote 1	T	255	-	5	8	2	14	24	37	40	30	30	25	27	13
		F	76	-	5	6	-	4	4	9	11	6	10	10	8	3
		M	179	-	-	2	2	10	20	28	29	24	20	15	19	10
Pedestrian involved in collision with motor vehicle	V02-V04	T	14	-	-	1	-	1	-	2	-	1	2	2	3	2
		F	3	-	-	-	-	-	-	-	-	-	-	1	1	1
		M	11	-	-	1	-	1	-	2	-	1	2	1	2	1
Pedal cyclist involved in collision with motor vehicle	V12-V14, V19.0-V19.2, V19.4-V19.6	T	5	-	-	-	-	-	-	-	1	1	-	3	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	1	-	-
		M	4	-	-	-	-	-	-	-	1	1	-	2	-	-
Motorcyclist involved in any accident except collision with railway train	V20-V24, V26-V29	T	26	-	-	-	-	1	3	3	5	4	7	3	-	-
		F	2	-	-	-	-	-	-	-	1	-	1	-	-	-
		M	24	-	-	-	-	1	3	3	4	4	6	3	-	-
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	1	-	-	-	-	-	-	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	1	-	-	-	-	-
Occupant of motor vehicle involved in collision with other object	See footnote 3	T	15	-	-	-	-	-	2	3	5	1	-	2	1	1
		F	2	-	-	-	-	-	-	1	1	-	-	-	-	-
		M	13	-	-	-	-	-	2	2	4	1	-	2	1	1
Occupant of motor vehicle involved in collision with other motor vehicle	V42-V44, V49, V52-V54, V59	T	85	-	3	5	-	2	7	8	15	13	10	8	11	3
		F	35	-	3	4	-	1	1	3	5	3	5	5	5	-
		M	50	-	-	1	-	1	6	5	10	10	5	3	6	3
Occupant of heavy transport vehicle or bus involved in collision with other motor vehicle	V62-V64, V69, V72-V74, V79	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Occupant of motor vehicle involved in noncollision accident	V48, V58, V68, V78	T	49	-	1	-	-	7	6	7	5	6	5	4	4	4
		F	15	-	1	-	-	2	2	2	1	2	1	1	2	1
		M	34	-	-	-	-	5	4	5	4	4	4	3	2	3

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)
2019

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	1	-	-	-	-	-	-	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Occupant of special vehicle mainly used in agriculture	V84	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Occupant of special construction vehicle	V85	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Occupant or rider of special all-terrain or motor vehicle designed for off-road use ¹	V86	T	17	-	-	-	2	1	-	4	2	2	1	1	3	1
		F	2	-	-	-	-	-	-	1	-	1	-	-	-	-
		M	15	-	-	-	2	1	-	3	2	1	1	1	3	1
ATV or 4-wheeled vehicle	V86 (Subset)	T	15	-	-	-	2	1	-	3	1	2	1	1	3	1
		F	2	-	-	-	-	-	-	1	-	1	-	-	-	-
		M	13	-	-	-	2	1	-	2	1	1	1	1	3	1
Snowmobile or snow machine (not including accident that began with an avalanche)	V86 (Subset)	T	2	-	-	-	-	-	-	1	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	-	1	1	-	-	-	-	-
Other or unspecified all-terrain vehicle	V86 (Subset)	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unspecified motor vehicle accident	See footnote 2	T	42	-	1	2	-	2	6	9	6	2	5	2	5	2
		F	16	-	1	2	-	1	1	2	3	-	3	2	-	1
		M	26	-	-	-	-	1	5	7	3	2	2	-	5	1
Pedestrian injury with other or unspecified motor vehicle accident	V09.0, V09.2	T	7	-	1	-	-	-	1	1	3	1	-	-	-	-
		F	3	-	1	-	-	-	-	-	2	-	-	-	-	-
		M	4	-	-	-	-	-	1	1	1	1	-	-	-	-
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	35	-	-	2	-	2	5	8	3	1	5	2	5	2
		F	13	-	-	2	-	1	1	2	1	-	3	2	-	1
		M	22	-	-	-	-	1	4	6	2	1	2	-	5	1
Total Other land transport accidents	See footnote 3	T	4	-	-	-	-	-	-	-	-	2	1	-	-	1
		F	2	-	-	-	-	-	-	-	-	1	-	-	-	1
		M	2	-	-	-	-	-	-	-	-	1	1	-	-	-
Railway accidents (not with motor vehicle)	V05, V15, V80.6, V81.2- V81.9	T	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	1	-	-	-
Pedestrian with train	V05	T	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	1	-	-	-

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

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

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

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Cause of Accident, Age Group, and Sex (continued)
2019

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	2	-	-	-	-	-	-	-	-	1	-	-	-	1
		F	2	-	-	-	-	-	-	-	-	1	-	-	-	1
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Person injured in other specified transport accidents	V87.9, V88.3	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Person injured in unspecified nonmotor-vehicle accident	V89.1, V89.3	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Person injured in unspecified vehicle accident	V89.9	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99, Y85	T	34	-	-	1	2	1	1	3	2	7	4	6	5	2
		F	7	-	-	-	-	1	-	-	-	1	2	2	-	1
		M	27	-	-	1	2	-	1	3	2	6	2	4	5	1
Water transport accidents	V90-V94	T	8	-	-	-	1	1	-	2	2	1	-	-	1	-
		F	1	-	-	-	-	1	-	-	-	-	-	-	-	-
		M	7	-	-	-	1	-	-	2	2	1	-	-	1	-
Air and space transport accidents	V95-V97	T	17	-	-	1	1	-	1	1	-	3	3	4	3	-
		F	2	-	-	-	-	-	-	-	-	-	1	1	-	-
		M	15	-	-	1	1	-	1	1	-	3	2	3	3	-
Other and unspecified transport accidents and their sequelae	V98-V99, Y85	T	9	-	-	-	-	-	-	-	-	3	1	2	1	2
		F	4	-	-	-	-	-	-	-	-	1	1	1	-	1
		M	5	-	-	-	-	-	-	-	-	2	-	1	1	1
Total Non-Transport accidents	W00-X59, Y86	T	654	6	4	3	2	4	30	55	64	60	88	70	122	146
		F	275	2	1	2	-	1	8	13	21	30	32	25	56	84
		M	379	4	3	1	2	3	22	42	43	30	56	45	66	62
Accidental falls	W00-W19	T	269	-	-	1	-	-	-	1	5	3	18	34	84	123
		F	137	-	-	1	-	-	-	1	1	1	5	14	43	71
		M	132	-	-	-	-	-	-	-	4	2	13	20	41	52

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

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Cause of Accident, Age Group, and Sex (continued)
2019

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	5	-	-	-	-	1	2	-	-	-	2	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	5	-	-	-	-	1	2	-	-	-	2	-	-	-
Accidental explosion	W39-W40	T	3	-	-	-	1	-	-	-	-	-	-	2	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	1	-	-	-	-	-	-	2	-	-
Accidental drowning and submersion	W65-W74	T	19	-	2	-	-	2	4	3	2	3	2	-	-	1
		F	3	-	1	-	-	-	-	-	1	1	-	-	-	-
		M	16	-	1	-	-	2	4	3	1	2	2	-	-	1
Accidental inhalation and ingestion of food or other object	W78-W80	T	39	1	1	-	-	-	1	-	-	2	6	3	13	12
		F	17	-	-	-	-	-	-	-	-	2	2	-	5	8
		M	22	1	1	-	-	-	1	-	-	-	4	3	8	4
Other accidental and unspecified threats to breathing	W75-W77, W81-W84	T	11	5	-	1	-	-	-	-	-	-	2	2	1	-
		F	3	2	-	-	-	-	-	-	-	-	1	-	-	-
		M	8	3	-	1	-	-	-	-	-	-	1	2	1	-
Accidental exposure to electric current	W85-W87	T	1	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Accidental exposure to radiation	W88-W91	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidental exposure to smoke, fire, flames	X00-X09	T	14	-	1	1	1	-	-	-	1	2	2	4	2	-
		F	4	-	-	1	-	-	-	-	1	-	1	1	-	-
		M	10	-	1	-	1	-	-	-	-	2	1	3	2	-
Accidental contact with heat and hot substances	X10-X19	T	1	-	-	-	-	-	-	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	1	-	-	-	-	-
Lightning	X33	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Earthquake	X34	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volcanic eruption	X35	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Avalanche, landslide, other earth movements	X36	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cataclysmic storm and flood	X37-X38	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidental poisoning and exposure to noxious substances	X40-X49	T	243	-	-	-	-	1	23	49	50	48	51	14	6	1
		F	96	-	-	-	-	1	8	12	18	25	22	7	2	1
		M	147	-	-	-	-	-	15	37	32	23	29	7	4	-

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

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Cause of Accident, Age Group, and Sex (continued)
2019

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	219	-	-	-	-	1	22	48	48	40	43	11	6	-
		F	87	-	-	-	-	1	8	12	17	22	19	6	2	-
		M	132	-	-	-	-	-	14	36	31	18	24	5	4	-
Accidental poisoning by other and unspecified solid or liquid substances	X45-X46, X48-X49	T	13	-	-	-	-	-	-	1	-	5	5	2	-	-
		F	5	-	-	-	-	-	-	-	-	2	2	1	-	-
		M	8	-	-	-	-	-	-	1	-	3	3	1	-	-
Accidental poisoning by and exposure to other gases and vapors	X47	T	11	-	-	-	-	-	1	-	2	3	3	1	-	1
		F	4	-	-	-	-	-	-	-	1	1	1	-	-	1
		M	7	-	-	-	-	-	1	-	1	2	2	1	-	-
All other and unspecified accidents and their sequelae ¹	See footnote 1	T	49	-	-	-	-	-	-	2	5	2	5	11	15	9
		F	15	-	-	-	-	-	-	-	-	1	1	3	6	4
		M	34	-	-	-	-	-	-	2	5	1	4	8	9	5
Struck by thrown, projected, or falling object	W20	T	7	-	-	-	-	-	-	-	2	-	2	2	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	7	-	-	-	-	-	-	-	2	-	2	2	-	1
Striking against or struck by other objects	W22	T	2	-	-	-	-	-	-	1	-	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	-	1	-	-	-	-	-	1
Contact with lifting and transmission devices, not elsewhere classified	W24	T	1	-	-	-	-	-	-	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	1	-	-	-	-	-
Contact with other and unspecified machinery	W31	T	1	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	1	-	-
Bitten or struck by dog	W54	T	1	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Bitten or struck by animal other than rat or dog	W55	T	1	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Contact with hornets, wasps, and bees	X23	T	1	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	1	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exposure to excessive natural heat	X30	T	2	-	-	-	-	-	-	-	-	-	-	-	2	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	-	-	-	-	-	-	2	-
Exposure to excessive natural cold	X31	T	9	-	-	-	-	-	-	1	1	2	3	1	1	-
		F	2	-	-	-	-	-	-	-	-	1	1	-	-	-
		M	7	-	-	-	-	-	-	1	1	1	2	1	1	-
Overexertion and strenuous or repetitive movements	X50	T	3	-	-	-	-	-	-	-	-	-	-	1	1	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	-	-	-	-	-	-	-	1	1	1

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

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Cause of Accident, Age Group, and Sex (continued)
2019

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 +
Lack of food	X53	T	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exposure to other specified factors	X58	T	1	-	-	-	-	-	-	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	1	-	-	-	-	-
Exposure to unspecified factor	X59	T	15	-	-	-	-	-	-	-	-	-	-	2	9	4
		F	10	-	-	-	-	-	-	-	-	-	-	1	6	3
		M	5	-	-	-	-	-	-	-	-	-	-	1	3	1
Sequelae of other accidents	Y86	T	4	-	-	-	-	-	-	-	-	-	-	3	-	1
		F	1	-	-	-	-	-	-	-	-	-	-	1	-	-
		M	3	-	-	-	-	-	-	-	-	-	-	2	-	1

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

IDAHO RESIDENT MORTALITY

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

Five-Year Aggregate, 2015-2019

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 20	Accident Motor Vehicle 18	Accident Motor Vehicle 43	Accident Motor Vehicle 244	Accident Poisoning 224	Accident Poisoning 223	Accident Poisoning 224	Suicide Firearm 179	Suicide Firearm 142	Accident Fall 293	Accident Fall 593	Accident Motor Vehicle 1,280
2	Assault Non-firearm 7	Accident Drowning 14	Suicide Suffocation 17	Suicide Firearm 177	Accident Motor Vehicle 174	Accident Motor Vehicle 191	Suicide Firearm 179	Accident Motor Vehicle 170	Accident Fall 139	Accident Motor Vehicle 98	Accident Suffocation 61	Accident Fall 1,168
3		(Tie) Accident Suffocation; Accident Fire; Assault Non-firearm	Suicide Firearm 13	Accident Poisoning 89	Suicide Firearm 159	Suicide Firearm 162	Accident Motor Vehicle 158	Accident Poisoning 169	Accident Motor Vehicle 136	Suicide Firearm 94	Accident Motor Vehicle 46	Suicide Firearm 1,147
4			Accident Drowning 7	Suicide Suffocation 85	Suicide Suffocation 79	Suicide Suffocation 77	Suicide Suffocation 82	Accident Fall 79	Accident Poisoning 55	Accident Suffocation 47	Suicide Firearm 42	Accident Poisoning 1,009
5			Accident Suffocation 4	Accident Drowning 30	Suicide Poisoning 33	Suicide Poisoning 67	Suicide Poisoning 49	Suicide Poisoning 57	(Tie) Suicide Poisoning; Suicide Suffocation	Surgical Complications 34	Surgical Complications 16	Suicide Suffocation 394
6				Assault Firearm 18	Assault Firearm 27	Assault Firearm 24	Accident Fall 30	Accident Suffocation 41		Accident Fire 16	Accident unspecified injury 10	Suicide Poisoning 258
7	Accident Assault/Legal Intervention Suicide			Suicide Poisoning 14	Undetermined Intent Poisoning 17	(Tie) Accident Fall; Undetermined Intent Poisoning	Undetermined Intent Poisoning 23	Suicide Suffocation 33	Surgical Complications 27	(Tie) Accident Poisoning; Accident Environmental Exposure; Accident unspecified injury	Accident Poisoning; Accident Environmental Exposure 8	Accident Suffocation 247
8				Assault Non-firearm 11	Accident Drowning 14	18	Assault Firearm 18	Accident Environmental Exposure 19	Accident Fire 15			Accident Drowning 114
9				Accident Firearm 9	Assault Non-firearm 12	Accident Drowning 11	Accident Suffocation 17	Undetermined Intent Poisoning; Surgical Complications; Late Effects	Late Effects 13		Late Effects 7	(Tie) Surgical Complications; Assault Firearm
10				Accident Water Transport 7	Legal Intervention Firearm 11	Accident Suffocation 10	Surgical Complications 12	16	Accident Struck by object 12	Late Effects; Accident Drowning 9	Accident Fire 3	113
Residual ²	8	9	16	41	74	97	123	100	91	58	19	828
Total	35	55	116	725	824	904	915	895	692	697	813	6,671

Causes of death are not rankable causes of death, but are subsets of rankable causes (Accident, Suicide, Assault, Legal Intervention, and Complications of surgical care) and non-rankable causes (Undetermined intent and Late Effects). 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.

¹Data are shown for causes with 3 or more deaths for given age group. ²Residual: number of all other injury deaths in the age group.

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Type of Accident
2019

RESIDENCE	TOTAL	Discharge of firearms	Drowning and submersion	Falls	Motor vehicle	Poisoning and exposure to noxious substances ¹		Suffocation ³	All other accidents
						Total	Drugs ²		
IDAHO	947	5	19	269	255	243	219	50	106
District 1	150	-	2	55	35	28	25	6	24
District 2	64	2	3	26	14	10	8	2	7
District 3	153	-	4	40	57	26	23	12	14
District 4	207	1	4	50	44	79	71	13	16
District 5	155	1	2	49	49	32	28	6	16
District 6	106	1	3	25	26	33	31	8	10
District 7	112	-	1	24	30	35	33	3	19
Ada	175	1	4	45	30	70	63	12	13
Adams	1	-	-	-	-	1	1	-	-
Bannock	57	1	2	13	5	26	26	5	5
Bear Lake	6	-	-	4	1	1	1	-	-
Benewah	7	-	-	1	3	2	2	-	1
Bingham	26	-	-	3	12	6	4	3	2
Blaine	17	-	-	5	8	2	1	-	2
Boise	9	-	-	1	6	2	1	-	-
Bonner	36	-	1	14	10	4	4	-	7
Bonneville	69	-	1	10	13	29	28	2	14
Boundary	7	-	-	-	2	2	2	1	2
Butte	-	-	-	-	-	-	-	-	-
Camas	3	-	-	-	-	-	-	-	3
Canyon	100	-	3	30	39	16	16	7	5
Caribou	4	-	-	1	2	-	-	-	1
Cassia	23	-	-	8	8	5	4	1	1
Clark	-	-	-	-	-	-	-	-	-
Clearwater	5	-	-	3	-	-	-	-	2
Custer	4	-	-	1	2	-	-	-	1
Elmore	18	-	-	3	7	6	6	-	2
Franklin	4	-	-	-	3	-	-	-	1
Fremont	10	-	-	4	3	1	1	-	2
Gem	16	-	-	6	4	2	2	1	3
Gooding	12	-	-	2	5	1	1	2	2
Idaho	12	-	1	5	4	2	1	-	-
Jefferson	9	-	-	1	4	3	2	1	-
Jerome	13	-	-	6	4	1	1	1	1
Kootenai	92	-	1	38	14	20	17	5	14
Latah	16	1	1	5	2	4	4	2	1
Lemhi	4	-	-	1	2	1	1	-	-
Lewis	3	-	-	-	2	-	-	-	1
Lincoln	3	-	-	1	2	-	-	-	-
Madison	7	-	-	5	1	-	-	-	1
Minidoka	14	1	-	4	4	2	2	-	3
Nez Perce	28	1	1	13	6	4	3	-	3
Oneida	3	-	1	1	1	-	-	-	-
Owyhee	6	-	-	1	2	1	-	1	1
Payette	18	-	1	2	3	5	4	2	5
Power	6	-	-	3	2	-	-	-	1
Shoshone	8	-	-	2	6	-	-	-	-
Teton	9	-	-	2	5	1	1	-	1
Twin Falls	70	-	2	23	18	21	19	2	4
Valley	5	-	-	1	1	1	1	1	1
Washington	12	-	-	1	9	1	-	1	-

¹Poisoning and exposure to noxious substances includes exposure to drugs, alcohol, vapors, noxious substances, or unspecified chemicals. ²Poisoning from drugs only (this is a subset of Poisoning and exposure to noxious substances).

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

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Place of Injury
2019

TYPE OF ACCIDENTAL (UNINTENTIONAL INJURY) DEATH	TOTAL	PLACE OF INJURY ¹				
		Home	Street or highway	Other public place	Residential or public institution	Not stated
TOTAL	947	413	214	114	93	113
Motor Vehicle Total	255	4	194	23	-	34
Motor vehicle with collision with another vehicle, heavy transport, or bus	85	-	80	1	-	4
Motor vehicle, noncollision	49	2	40	6	-	1
Other and unspecified motor vehicle accident	35	-	19	2	-	14
Injury to motorcyclist, except with railway train	26	-	18	4	-	4
Injury to occupant of special-use motor vehicle*	18	2	8	6	-	2
Motor vehicle with collision with fixed object	15	-	13	2	-	-
Injury to pedestrian with motor vehicle	14	-	12	-	-	2
Injury to pedestrian with unspecified motor vehicle	7	-	-	1	-	6
Injury to pedal cyclist with motor vehicle	5	-	3	1	-	1
Motor vehicle with collision with train	1	-	1	-	-	-
Injury to motorcyclist with collision with train	-	-	-	-	-	-
Injury to occupant of three-wheeled motor vehicle	-	-	-	-	-	-
Injury to rider or occupant of animal-drawn vehicle with motor vehicle	-	-	-	-	-	-
Non-Motor Vehicle Total	692	409	20	91	93	79
Falls	269	158	5	15	82	9
Poisoning and exposure to noxious substances	243	196	4	21	6	16
Other and unspecified external causes of accidental injury	42	14	2	10	-	16
Suffocation, food or object	39	6	-	2	5	26
Drowning and submersion	19	5	-	13	-	1
Air and space transportation accident	17	-	-	11	-	6
Fire	14	13	-	-	-	1
Suffocation, mechanical	11	8	-	-	-	3
Other and unspecified land transport accident	9	-	7	2	-	-
Exposure to excessive natural cold	9	3	1	5	-	-
Water transportation accident	8	-	-	7	-	1
Firearm	5	3	-	2	-	-
Rider of animal or occupant of animal-drawn vehicle not with motor vehicle or train	2	1	-	1	-	-
Exposure to excessive natural heat	2	1	-	1	-	-
Railroad not with motor vehicle	1	-	-	1	-	-
Pedal cyclist not with motor vehicle or train	1	-	1	-	-	-
Exposure to electric current	1	1	-	-	-	-
Pedestrian not with motor vehicle or train	-	-	-	-	-	-
Person injured in other and unspecified land transport accident (includes streetcar)	-	-	-	-	-	-
Lightning, avalanche, earthquake, volcano, storm, or flood	-	-	-	-	-	-

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

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

WORK INJURY DEATHS OCCURRING IN IDAHO¹
Manner of Death by Sex and Age
2019

MANNER OF DEATH	TOTAL	SEX		AGE GROUP					
		Male	Female	<15	15-24	25-44	45-64	65-74	75+
TOTAL	33	31	2	-	1	13	15	2	2
Accidental (unintentional injury)	26	25	1	-	-	10	12	2	2
Intentional self-harm (suicide)	4	3	1	-	-	2	2	-	-
Assault (homicide)	2	2	-	-	1	-	1	-	-
Undetermined intent	1	1	-	-	-	1	-	-	-
Operations of war and their sequelae ²	-	-	-	-	-	-	-	-	-

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

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

ACCIDENTAL WORK INJURY DEATHS OCCURRING IN IDAHO
Sex and Age by Place of Injury
2019

PLACE OF INJURY	TOTAL	SEX		AGE GROUP					
		Male	Female	<15	15-24	25-44	45-64	65-74	75+
TOTAL	26	25	1	-	-	10	12	2	2
Farm/Ranch	4	4	-	-	-	1	3	-	-
Home/Residential/Nursing	1	1	-	-	-	-	1	-	-
Industrial/construction	6	5	1	-	-	2	3	1	-
School/Hospital/PublicInst	-	-	-	-	-	-	-	-	-
Sports/athletics	1	1	-	-	-	1	-	-	-
Street/highway	9	9	-	-	-	3	4	-	2
Trade/service	2	2	-	-	-	1	1	-	-
Unspecified/Other	3	3	-	-	-	2	-	1	-

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

IDAHO RESIDENT DRUG MORTALITY

Drug-Induced, Drug Overdose, and Accidental Drug Overdose

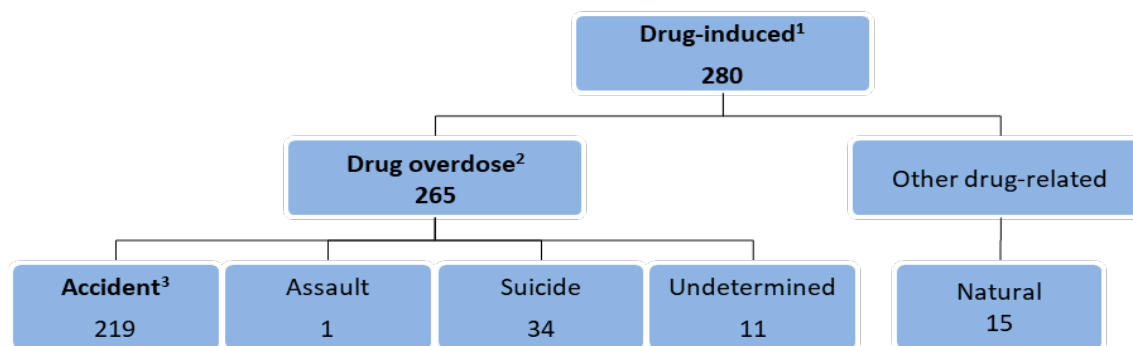
By Classification, Health District, Age, and Sex

2019 Idaho and U.S.

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

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

NUMBER OF IDAHO RESIDENT DRUG DEATHS BY CLASSIFICATION



DEMOGRAPHICS	Drug-Induced¹		Drug Overdose²		Accidental Drug Overdose³	
	Number	Rate	Number	Rate	Number	Rate
IDAHO TOTAL	280	15.7	265	14.8	219	12.3
U.S. TOTAL (2018)	71,147	21.7	67,367	20.6	58,908	18.0
HEALTH DISTRICT						
District 1	38	15.5	36	14.6	25	10.2
District 2	9	8.2	9	8.2	8	7.3
District 3	33	11.1	28	9.4	23	7.7
District 4	92	17.4	89	16.8	71	13.4
District 5	35	17.4	32	15.9	28	13.9
District 6	37	21.0	36	20.4	31	17.6
District 7	36	15.8	35	15.4	33	14.5
AGE GROUP						
< 15	2	0.5	2	0.5	0	0.0
15-19	1	0.8	1	0.8	1	0.8
20-24	23	19.8	23	19.8	22	18.9
25-34	52	22.0	52	22.0	48	20.3
35-44	61	26.9	59	26.0	48	21.1
45-54	51	25.3	46	22.8	40	19.8
55-64	55	25.2	52	23.8	43	19.7
65-74	25	14.2	22	12.5	11	6.3
75-84	8	9.4	8	9.4	6	7.1
85 +	2	6.7	0	0.0	0	0.0
SEX						
Female	117	13.1	108	12.1	87	9.8
Male	163	18.2	157	17.5	132	14.7

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

IDAHO RESIDENT DRUG MORTALITY
Drug-Induced, Drug Overdose, and Accidental Drug Overdose
Trends, 2009-2019

YEAR	CAUSE OF DEATH					
	Drug-Induced ¹		Drug Overdose ²		Accidental Drug Overdose ³	
	Number	Rate	Number	Rate	Number	Rate
2009	184	11.9	174	11.3	101	6.5
2010	196	12.5	180	11.5	116	7.4
2011	200	12.6	192	12.1	110	6.9
2012	191	12.0	183	11.5	114	7.1
2013	227	14.1	209	13.0	142	8.8
2014	228	13.9	211	12.9	145	8.9
2015	234	14.1	223	13.5	150	9.1
2016	261	15.5	244	14.5	181	10.8
2017	266	15.5	241	14.0	184	10.7
2018	272	15.5	248	14.1	199	11.3
2019	280	15.7	265	14.8	219	12.3

Rates are deaths per 100,000 population.

IDAHO RESIDENT DRUG MORTALITY
Years Of Potential Life Lost Before Age 75
Drug-Induced, Drug Overdose, and Accidental Drug Overdose
2019

CAUSE OF DEATH	Persons Aged Less Than 75 Years		Years of Potential Life Lost (YPLL) Before Age 75		
	Number of Deaths	Percentage of Deaths	Total Number of YPLL	YPLL Rate ¹	Average Number of YPLL per Death
Drug-Induced ¹	270	4.5%	8,203	491	30.4
Drug Overdose ²	257	4.3%	7,942	475	30.9
Accidental Drug Overdose ³	213	3.5%	6,824	408	32.0

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

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

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

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

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

IDAHO RESIDENT DRUG MORTALITY
Drug-Induced, Drug Overdose, and Accidental Drug Overdose
By Classification and Type of Drug Reported, 2019

DRUGS REPORTED AND ICD-10 CODES	CAUSE OF DEATH					
	Drug-Induced ¹		Drug Overdose ²		Accidental Drug Overdose ³	
	Number	Percent	Number	Percent	Number	Percent
TOTAL DRUG DEATHS	280	100%	265	100%	219	100%
Drug Deaths, Drug(s) reported						
No drug reported	27	10%	21	8%	15	7%
One or more drug(s) reported	253	90%	244	92%	204	93%
Drug Deaths Reporting Opioids						
Total Drug Deaths Reporting Opioids ⁴	136	49%	134	51%	111	51%
Opium (T40.0)	-	0%	-	0%	-	0%
Heroin (T40.1)	39	14%	39	15%	38	17%
Natural and semisynthetic opioid (such as oxycodone, morphine, and codeine, T40.2)	77	28%	76	29%	56	26%
Methadone (T40.3)	12	4%	11	4%	9	4%
Synthetic opioid other than methadone (such as fentanyl and tramadol, T40.4)	32	11%	32	12%	27	12%
Other/unspecified narcotic (T40.6)	6	2%	6	2%	6	3%
Drug Deaths Reporting Non-Opioids						
Cocaine (T40.5)	6	2%	6	2%	6	3%
Cannabis (T40.7)	8	3%	8	3%	7	3%
LSD (Lysergic acid diethylamide, T40.8)	-	0%	-	0%	-	0%
Benzodiazepines (T42.4)	38	14%	37	14%	27	12%
Antibiotics, Antiparasitics, antagonist, non-opioid analgesics (T36.0-T39.9)	10	4%	10	4%	5	2%
Anesthetics, Antiepileptic, and Sedative-Hypnotic ⁵	18	6%	18	7%	10	5%
Antidepressants (T43.0-T43.2)	40	14%	40	15%	26	12%
Psychostimulants with abuse potential (such as methamphetamine, T43.6)	97	35%	90	34%	83	38%
Psychotropic NEC (T43.3-T43.5, T43.8-T43.9)	18	6%	18	7%	14	6%
Other non-opioids (T44.0-T50.8)	23	8%	23	9%	17	8%

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

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

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

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

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

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

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

IDAHO RESIDENT MORTALITY
Alcohol-Induced and Firearm-Injury Mortality
By Health District of Residence, Age Group, Sex, and Manner
2019 Idaho and 2018 U.S.

	CAUSE OF DEATH			
	Alcohol-Induced		Firearm-Injury	
	Number	Rate	Number	Rate
U.S. ¹	37,329	11.4	39,740	12.1
IDAHO	290	16.2	256	14.3
HEALTH DISTRICT				
District 1	51	20.7	45	18.3
District 2	27	24.6	15	13.7
District 3	44	14.8	41	13.7
District 4	89	16.8	62	11.7
District 5	30	14.9	31	15.4
District 6	23	13.0	31	17.6
District 7	26	11.4	31	13.6
AGE GROUP				
< 15	-	-	4	1.1
15-19	-	-	12	9.6
20-24	1	0.9	27	23.2
25-34	11	4.7	32	13.5
35-44	30	13.2	36	15.8
45-54	59	29.2	42	20.8
55-64	114	52.2	39	17.9
65-74	54	30.7	24	13.6
75-84	18	21.2	31	36.5
85 +	3	10.1	9	30.2
SEX				
Female	92	10.3	41	4.6
Male	198	22.1	215	24.0
MANNER ² (percentage)				
Accident (unintentional injury)	13	4.5%	5	2.0%
Assault (homicide)	-	-	19	7.4%
Intentional self-harm (suicide)	1	0.3%	223	87.1%
Legal intervention	-	-	7	2.7%
Natural	276	95.2%	-	-
Undetermined intent	-	-	2	0.8%

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

¹Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2018 on CDC WONDER Online Database, released February 2020.

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

YEARS OF POTENTIAL LIFE LOST BEFORE AGE 75
Idaho Resident Alcohol-Induced, and Firearm-Injury Mortality
2019

CAUSE OF DEATH	Persons Aged Less Than 75 Years		Years of Potential Life Lost (YPLL) Before Age 75		
	Number of Deaths	Percentage of Deaths	Total Number of YPLL	YPLL Rate ¹	Average Number of YPLL per Death
Alcohol-Induced	269	4.5%	5,059	303	18.8
Firearm-Injury	216	3.6%	6,871	411	31.8

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

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

IDAHO RESIDENT MORTALITY
Heart Disease, Cancer, Chronic Lower Respiratory Disease, and
Cerebrovascular Disease Trends, 2009-2019

YEAR	CAUSE OF DEATH							
	Heart Disease		Cancer		Chronic Lower Respiratory Disease		Cerebrovascular Disease	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
2009	2,392	154.7	2,451	158.6	726	47.0	628	40.6
2010	2,478	158.1	2,530	161.4	730	46.6	641	40.9
2011	2,519	158.9	2,559	161.5	828	52.2	624	39.4
2012	2,521	158.0	2,570	161.1	753	47.2	612	38.4
2013	2,489	154.4	2,709	168.0	806	50.0	600	37.2
2014	2,684	164.2	2,790	170.7	830	50.8	638	39.0
2015	2,829	170.9	2,843	171.8	848	51.2	646	39.0
2016	2,974	176.7	2,890	171.7	864	51.3	679	40.3
2017	3,085	179.7	3,015	175.6	925	53.9	722	42.1
2018	3,121	177.9	3,050	173.9	900	51.3	718	40.9
2019	3,061	171.3	2,928	163.8	993	55.6	683	38.2

IDAHO RESIDENT MORTALITY
Heart Disease, Cancer, Chronic Lower Respiratory Disease, and
Cerebrovascular Disease By Health District of Residence, Age Group, and Sex
2019 Idaho and 2018 U.S.

	CAUSE OF DEATH							
	Heart Disease		Cancer		Chronic Lower Respiratory Disease		Cerebrovascular Disease	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
U.S. ¹	655,381	200.3	599,274	183.2	159,486	48.7	147,810	45.2
IDAHO	3,061	171.3	2,928	163.8	993	55.6	683	38.2
HEALTH DISTRICT								
District 1	470	191.2	568	231.0	187	76.1	130	52.9
District 2	200	182.2	222	202.2	67	61.0	48	43.7
District 3	572	191.8	481	161.3	170	57.0	95	31.9
District 4	764	144.6	758	143.5	234	44.3	190	36.0
District 5	355	176.6	336	167.1	128	63.7	82	40.8
District 6	334	189.1	245	138.7	110	62.3	69	39.1
District 7	366	161.0	318	139.9	97	42.7	69	30.4
AGE GROUP								
< 15	7	1.9	12	3.2	-	-	3	0.8
15-24	3	1.2	13	5.4	2	0.8	1	0.4
25-34	9	3.8	13	5.5	-	-	2	0.8
35-44	36	15.8	48	21.1	2	0.9	6	2.6
45-54	101	50.1	131	64.9	22	10.9	17	8.4
55-64	306	140.1	475	217.5	96	44.0	48	22.0
65-74	539	306.5	843	479.3	252	143.3	104	59.1
75-84	797	937.3	875	1,029.0	387	455.1	221	259.9
85 and older	1,263	4,242.0	518	1,739.8	232	779.2	281	943.8
SEX								
Female	1,357	152.3	1,333	149.6	510	57.2	385	43.2
Male	1,704	190.2	1,595	178.0	483	53.9	298	33.3

Rates are deaths per 100,000 population for U.S., Idaho, and for each Health District, age group, and sex. Heart disease, Cancer, Chronic lower respiratory disease and Cerebrovascular diseases are causes of death which are ranked for leading cause of death.

¹Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2018 on CDC WONDER Online Database, released December, 2019.

IDAHO RESIDENT MORTALITY
Accidents, Suicide, and Homicide Deaths
Trends, 2009-2019

YEAR	CAUSE OF DEATH					
	Accidents		Suicide		Homicide	
	Number	Rate	Number	Rate	Number	Rate
2009	665	43.0	307	19.9	21	1.4
2010	647	41.3	290	18.5	23	1.5
2011	693	43.7	284	17.9	26	1.6
2012	696	43.6	299	18.7	35	2.2
2013	777	48.2	308	19.1	31	1.9
2014	748	45.8	320	19.6	37	2.3
2015	744	45.0	362	21.9	32	1.9
2016	847	50.3	351	20.9	33	2.0
2017	878	51.1	393	22.9	51	3.0
2018	887	50.6	418	23.8	42	2.4
2019	947	53.0	365	20.4	30	1.7

IDAHO RESIDENT MORTALITY
Accident, Suicide, and Homicide Deaths
By Health District of Residence, Age Group, and Sex
2019 Idaho and 2018 U.S.

	CAUSE OF DEATH					
	Accidents		Suicide		Homicide	
	Number	Rate	Number	Rate	Number	Rate
U.S. ¹	167,127	51.1	48,344	14.8	18,830	5.8
IDAHO	947	53.0	365	20.4	30	1.7
HEALTH DISTRICT						
District 1	150	61.0	65	26.4	6	2.4
District 2	64	58.3	17	15.5	1	0.9
District 3	153	51.3	59	19.8	3	1.0
District 4	207	39.2	94	17.8	8	1.5
District 5	155	77.1	40	19.9	2	1.0
District 6	106	60.0	49	27.7	5	2.8
District 7	112	49.3	41	18.0	5	2.2
AGE GROUP						
< 15	33	8.9	8	2.2	3	0.8
15-24	74	30.6	53	21.9	2	0.8
25-34	95	40.2	53	22.4	6	2.5
35-44	106	46.7	65	28.6	5	2.2
45-54	99	49.1	49	24.3	8	4.0
55-64	123	56.3	54	24.7	2	0.9
65-74	101	57.4	39	22.2	1	0.6
75-84	154	181.1	33	38.8	2	2.4
85 and older	162	544.1	11	36.9	1	3.4
SEX						
Female	360	40.4	80	9.0	12	1.3
Male	587	65.5	285	31.8	18	2.0

Rates are deaths per 100,000 population for U.S., Idaho, and for each Health District, age group, and sex. Total Accidents, Suicide, and Homicide are all causes of death which are causes ranked for leading cause of death.

¹Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2018 on CDC WONDER Online Database, released December, 2019.

IDAHO RESIDENT MORTALITY
Alzheimer's Disease, Diabetes, and Chronic Liver Disease and Cirrhosis
Trends, 2009-2019

YEAR	CAUSE OF DEATH					
	Alzheimer's disease		Diabetes		Chronic Liver Disease & Cirrhosis	
	Number	Rate	Number	Rate	Number	Rate
2009	367	23.7	371	24.0	135	8.7
2010	415	26.5	352	22.5	152	9.7
2011	409	25.8	382	24.1	173	10.9
2012	356	22.3	373	23.4	196	12.3
2013	348	21.6	400	24.8	212	13.2
2014	376	23.0	408	25.0	196	12.0
2015	553	33.4	404	24.4	219	13.2
2016	606	36.0	379	22.5	190	11.3
2017	673	39.2	393	22.9	197	11.5
2018	666	38.0	408	23.3	249	14.2
2019	650	36.4	423	23.7	249	13.9

IDAHO RESIDENT MORTALITY
Alzheimer's Disease, Diabetes, and Chronic Liver Disease and Cirrhosis
By Health District of Residence, Age Group, and Sex
2019 Idaho and 2018 U.S.

	CAUSE OF DEATH					
	Alzheimer's disease		Diabetes		Chronic Liver Disease & Cirrhosis	
	Number	Rate	Number	Rate	Number	Rate
U.S. ¹	122,019	37.3	84,946	26.0	42,838	13.1
IDAHO	650	36.4	423	23.7	249	13.9
HEALTH DISTRICT						
District 1	65	26.4	83	33.8	42	17.1
District 2	40	36.4	40	36.4	16	14.6
District 3	119	39.9	64	21.5	44	14.8
District 4	229	43.3	91	17.2	72	13.6
District 5	82	40.8	38	18.9	26	12.9
District 6	67	37.9	52	29.4	28	15.9
District 7	48	21.1	55	24.2	21	9.2
AGE GROUP						
< 15	-	-	-	-	-	-
15-24	-	-	-	-	-	-
25-34	-	-	1	0.4	7	3.0
35-44	-	-	5	2.2	20	8.8
45-54	2	1.0	24	11.9	42	20.8
55-64	5	2.3	77	35.3	98	44.9
65-74	47	26.7	96	54.6	54	30.7
75-84	161	189.3	123	144.7	20	23.5
85 and older	435	1,461.0	97	325.8	8	26.9
SEX						
Female	446	50.0	174	19.5	93	10.4
Male	204	22.8	249	27.8	156	17.4

Rates are deaths per 100,000 population for U.S., Idaho, and for each Health District, age group, and sex. Alzheimer's disease, Diabetes, and Chronic Liver Disease & Cirrhosis are causes of death which are ranked for leading cause of death.

¹Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2018 on CDC WONDER Online Database, released December, 2019.

IDAHO RESIDENT MORTALITY
Influenza and Pneumonia Deaths
Trends, 2009-2019

YEAR	CAUSE OF DEATH					
	Influenza and pneumonia		Influenza		Pneumonia	
	Number	Rate	Number	Rate	Number	Rate
2009	204	13.2	22	1.4	182	11.8
2010	215	13.7	1	0.1	214	13.7
2011	219	13.8	18	1.1	201	12.7
2012	192	12.0	9	0.6	183	11.5
2013	259	16.1	27	1.7	232	14.4
2014	203	12.4	18	1.1	185	11.3
2015	215	13.0	21	1.3	194	11.7
2016	204	12.1	27	1.6	177	10.5
2017	257	15.0	66	3.8	191	11.1
2018	235	13.4	66	3.8	169	9.6
2019	231	12.9	57	3.2	174	9.7

IDAHO RESIDENT MORTALITY
Influenza and Pneumonia Deaths
By Health District of Residence, Age Group, and Sex
2019 Idaho and 2018 U.S.

	CAUSE OF DEATH					
	Influenza and pneumonia		Influenza		Pneumonia	
	Number	Rate	Number	Rate	Number	Rate
U.S. ¹	59,120	18.1	11,164	3.4	47,956	14.7
IDAHO	231	12.9	57	3.2	174	9.7
HEALTH DISTRICT						
District 1	33	13.4	12	4.9	21	8.5
District 2	26	23.7	6	5.5	20	18.2
District 3	39	13.1	12	4.0	27	9.1
District 4	39	7.4	6	1.1	33	6.2
District 5	33	16.4	6	3.0	27	13.4
District 6	29	16.4	9	5.1	20	11.3
District 7	32	14.1	6	2.6	26	11.4
AGE GROUP						
< 15	2	0.5	1	0.3	1	0.3
15-24	1	0.4	-	-	1	0.4
25-34	1	0.4	-	-	1	0.4
35-44	6	2.6	2	0.9	4	1.8
45-54	9	4.5	4	2.0	5	2.5
55-64	25	11.4	7	3.2	18	8.2
65-74	42	23.9	15	8.5	27	15.4
75-84	66	77.6	15	17.6	51	60.0
85 and older	79	265.3	13	43.7	66	221.7
SEX						
Female	114	12.8	30	3.4	84	9.4
Male	117	13.1	27	3.0	90	10.0

Rates are deaths per 100,000 population for U.S., Idaho, and for each Health District, age group, and sex. Influenza and pneumonia combined is a category of mortality which is a rankable cause of death. Influenza alone and pneumonia alone are not ranked for leading causes of death.

¹Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2018 on CDC WONDER Online Database, released December, 2019.

IDAHO RESIDENT MORTALITY
Disposition Method¹
2019

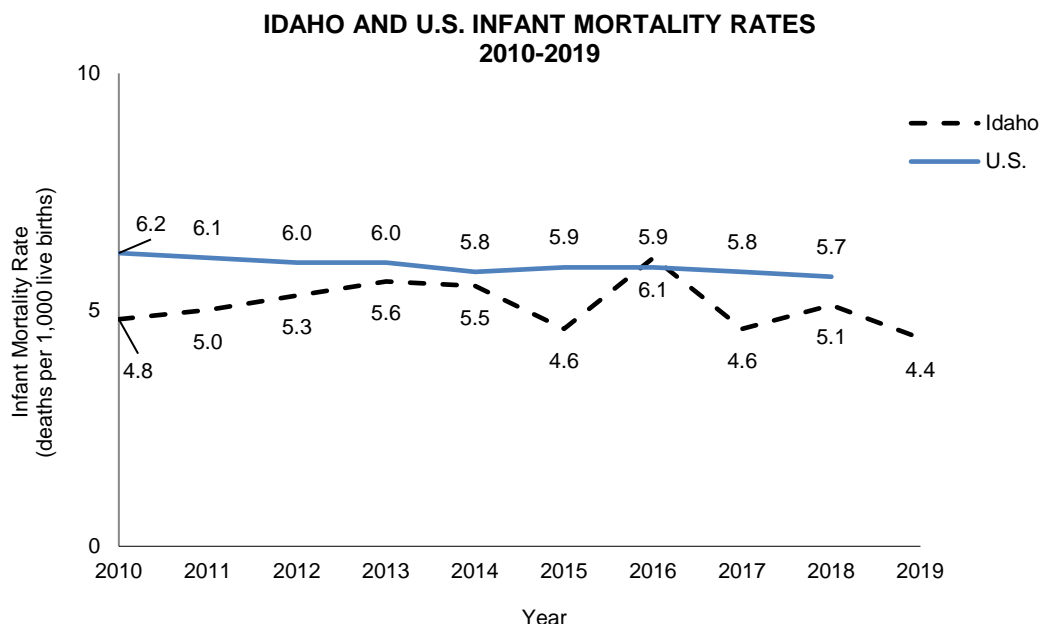
RESIDENCE	TOTAL DEATHS	DISPOSITION METHOD								
		Burial and entombment		Cremation		Donation		Removal from Idaho		Other/ not stated
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number
IDAHO	14,430	3,851	26.7%	9,477	65.7%	6	<1%	1,092	7.6%	4
District 1	2,537	278	11.0	1,960	77.3	-	-	298	11.8	1
District 2	1,048	184	17.6	696	66.4	1	0.1	167	15.9	-
District 3	2,382	579	24.3	1,653	69.4	1	<1%	149	6.3	-
District 4	3,633	788	21.7	2,679	73.7	-	-	166	4.6	-
District 5	1,734	592	34.2	1,081	62.4	1	0.1	58	3.4	2
District 6	1,477	668	45.3	726	49.2	1	0.1	81	5.5	1
District 7	1,619	762	47.1	682	42.1	2	0.1	173	10.7	-
Ada	3,276	704	21.5	2,419	73.8	-	-	153	4.7	-
Adams	40	7	17.5	33	82.5	-	-	-	-	-
Bannock	730	248	34.0	458	62.7	-	-	24	3.3	-
Bear Lake	55	36	65.5	2	3.6	-	-	17	30.9	-
Benewah	136	28	20.6	97	71.3	-	-	11	8.1	-
Bingham	380	200	52.8	165	43.5	-	-	14	3.7	1
Blaine	135	20	15.0	110	82.7	-	-	3	2.3	2
Boise	64	10	15.6	49	76.6	-	-	5	7.8	-
Bonner	482	50	10.4	343	71.2	-	-	89	18.5	-
Bonneville	948	406	42.8	495	52.2	1	0.1	46	4.9	-
Boundary	113	13	11.5	95	84.1	-	-	5	4.4	-
Butte	31	10	32.3	20	64.5	-	-	1	3.2	-
Camas	14	3	21.4	9	64.3	1	7.1	1	7.1	-
Canyon	1,618	410	25.3	1,134	70.1	1	0.1	73	4.5	-
Caribou	68	42	61.8	22	32.4	-	-	4	5.9	-
Cassia	214	114	53.3	91	42.5	-	-	9	4.2	-
Clark	6	3	50.0	2	33.3	-	-	1	16.7	-
Clearwater	95	11	11.6	78	82.1	-	-	6	6.3	-
Custer	46	13	28.3	21	45.7	-	-	12	26.1	-
Elmore	216	63	29.2	148	68.5	-	-	5	2.3	-
Franklin	100	69	69.0	17	17.0	-	-	14	14.0	-
Fremont	106	68	64.2	36	34.0	-	-	2	1.9	-
Gem	210	44	21.0	160	76.2	-	-	6	2.9	-
Gooding	130	31	23.9	95	73.1	-	-	4	3.1	-
Idaho	192	43	22.4	144	75.0	-	-	5	2.6	-
Jefferson	170	107	62.9	58	34.1	1	0.6	4	2.4	-
Jerome	174	60	34.5	106	60.9	-	-	8	4.6	-
Kootenai	1,616	164	10.2	1,264	78.3	-	-	187	11.6	1
Latah	200	30	15.0	44	22.0	-	-	126	63.0	-
Lemhi	111	24	21.6	18	16.2	-	-	69	62.2	-
Lewis	52	10	19.2	40	76.9	-	-	2	3.9	-
Lincoln	41	15	36.6	25	61.0	-	-	1	2.4	-
Madison	171	123	71.9	32	18.7	-	-	16	9.4	-
Minidoka	222	107	48.2	111	50.0	-	-	4	1.8	-
Nez Perce	509	90	17.7	390	76.6	1	0.2	28	5.5	-
Oneida	46	32	69.6	7	15.2	1	2.2	6	13.0	-
Owyhee	109	43	39.5	63	57.8	-	-	3	2.8	-
Payette	259	53	20.5	154	59.5	-	-	52	20.1	-
Power	67	31	46.3	35	52.2	-	-	1	1.5	-
Shoshone	190	23	12.1	161	84.7	-	-	6	3.2	-
Teton	61	18	29.5	20	32.8	-	-	23	37.7	-
Twin Falls	804	242	30.1	534	66.4	-	-	28	3.5	-
Valley	77	11	14.3	63	81.8	-	-	3	3.9	-
Washington	146	22	15.1	109	74.7	-	-	15	10.3	-

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

INFANT, FETAL, AND MATERNAL MORTALITY

U.S. and Idaho Infant Mortality

Infant mortality is defined as death under one year of age. The infant mortality rate in the U.S. declined slightly from 5.8 per 1,000 live births in 2017 to 5.7 in 2018.¹ The infant mortality rate for Idaho residents decreased 14 percent from 5.1 in 2018 to 4.4 in 2019. There were 97 infant deaths among Idaho residents in 2019 compared with 109 in 2018.



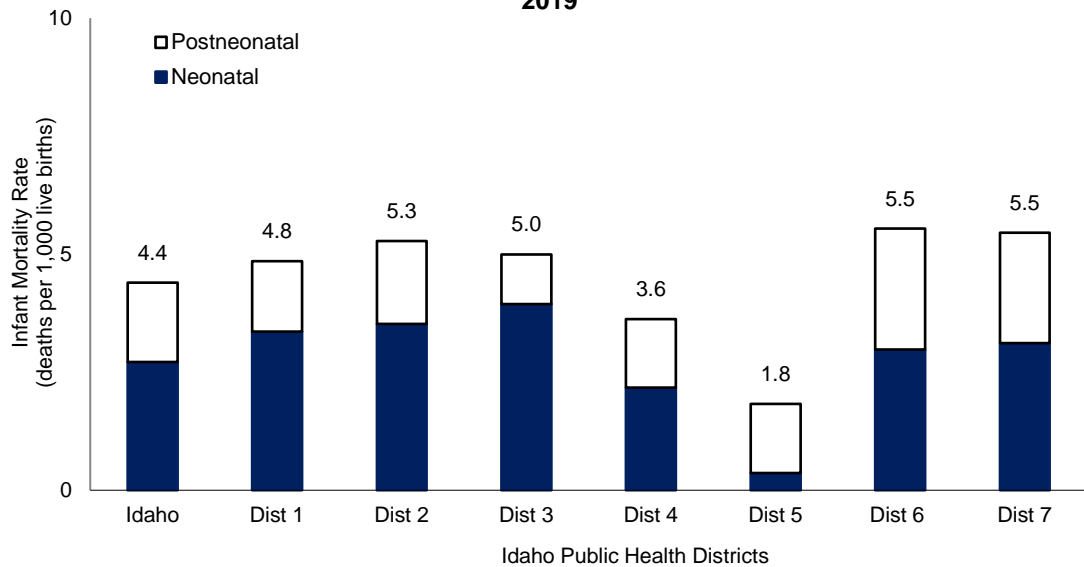
Neonatal and Postneonatal Mortality

Neonatal mortality is defined as death at less than 28 days of age and postneonatal mortality is defined as death from 28 days to 364 days of age. In Idaho, the neonatal mortality rate decreased 27 percent, from 3.7 in 2018 to 2.7 in 2019. The postneonatal mortality rate increased 20 percent, from 1.4 deaths per 1,000 live births in 2018 to 1.7 in 2019. The U.S. neonatal mortality rate was 3.8 and the postneonatal mortality rate was 1.9 in 2018 (latest year U.S. neonatal and postneonatal data are available at the time of publishing this report).¹

Public Health Districts 6 and 7 experienced the highest infant mortality rate in 2019 with 5.5 deaths per 1,000 live births each. District 5 had the lowest rate in 2019 (1.8). Neonatal mortality ranged from a low of 0.4 neonatal deaths per 1,000 births in District 5 to a high of 3.9 neonatal deaths in District 3. Postneonatal mortality ranged from a low of 1.1 in District 3 to a high of 2.6 in District 6.

Though they are provided, most one-year 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 2008-2010 through 2017-2019 are provided by district and county.

IDAHO, DISTRICT INFANT MORTALITY RATES Neonatal and Postneonatal 2019



U.S. and Idaho Leading Causes of Infant Mortality

In 2018, the leading cause of infant mortality in Idaho and in the U.S. was Congenital malformations, deformations and chromosomal abnormalities (birth defects). The infant mortality rate for birth defects in Idaho was 113.3 deaths per 100,000 births compared with 118.0 deaths per 100,000 live births in the U.S in 2018. In Idaho, the second leading cause of infant death was a tie between Disorders related to short gestation and low birthweight and Sudden infant death syndrome. In 2018, the second leading cause for the U.S. was Disorders related to short gestation and low birth weight.¹

Stillbirths

Idaho reportable stillbirth deliveries or stillbirths are defined as a spontaneous fetal death of 20 completed weeks of gestation or more, based on a clinical estimate of gestation, or a weight of 350 grams (12.35 ounces) or more. In 2019, there were 111 stillbirths to Idaho residents; the ratio of stillbirths to live births was 5.0 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 2017, to a high of 6.2 in 2015.

Perinatal Mortality

Perinatal mortality is defined as a stillbirth or death under seven days of age. The perinatal mortality ratio is the number of stillbirths plus the number of deaths to infants under seven days of age per 1,000 live births. This ratio is often used to compare U.S. data with other countries as definitions for live birth, stillbirth, and infant mortality vary between countries. In 2019, there were 160 perinatal deaths to Idaho residents. The Idaho perinatal mortality ratio in 2019 was 7.3 deaths per 1,000 live births.

Maternal Mortality 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.”³ Maternal causes of death include pregnancies with an live birth, stillbirth, fetal demise or abortive outcome and can be divided into two groups:

1) Direct obstetric deaths are those resulting from obstetric complications of the pregnancy from interventions, omissions, incorrect treatment, or from chain of events resulting from the pregnancy, labor and the puerperium.

2) Indirect obstetric deaths are those resulting from previous existing disease or disease that developed during pregnancy and which was not due to direct causes, but which was aggravated by physiologic effects of pregnancy.

In 2003, the Idaho death certificate was revised to include a separate question regarding pregnancy status of females aged 10 to 54 years. 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 status checkbox on the death certificate resulted in the identification of more maternal deaths in states with the revised death certificate.² Idaho maternal death data from 2003 to 2019 were not comparable with data based on unrevised death certificates; therefore, Idaho maternal mortality rates were not comparable with U.S. mortality rates.

As of 2018, all 50 states have implemented a pregnancy status checkbox on their death certificate.⁴ At the same time, the National Center for Health Statistics (NCHS) conducted an evaluation of the quality of data and concluded there was an overreporting of maternal deaths among older women due to checkbox errors, especially if there was no indication of pregnancy written in the cause-of-death section of the death certificate. In 2018, NCHS adopted a new method for coding (counting) maternal deaths. This new method is called the “2018 coding method”, and this method restricts the application of the pregnancy status checkbox to code the death to a maternal death to females aged 10 to 44 years rather than females aged 10 to 55 years. For females younger than 10 or older than 44, cases in which a pregnancy or obstetric condition is reported in the cause-of-death section will continue to be coded as a maternal death regardless of the age of the female. However, for these females aged younger than 10 or older than 44, if there is no mention of pregnancy or obstetric condition in the cause of death section, the death would not be coded to a maternal death.

For every death, an International Statistical Classification of Diseases code, 10th Revision (ICD-10 code) is determined and used to count the number of deaths for each cause of death classification. For deaths to women while pregnant or pregnant within 42 days of death, the ICD-10 codes for maternal deaths are A34 (Obstetrical tetanus), O00-O95 (Direct obstetric causes), and O98-O99 (Indirect obstetric causes). Prior to using the 2018 coding method to code and count maternal deaths, Idaho reported 68 maternal deaths from 2003 to 2017. Of the 68 deaths, 11 were females aged 45-55 and the information written in the cause-of-death section did not report pregnancy or obstetric condition. If the 2018 coding method is used for coding maternal deaths from 2003 to 2017, Idaho would code 57 maternal deaths. From 2003 to 2017, there were a total of 346,620 Idaho resident births; the maternal death rate calculated using the pre-2018 coding method was 19.6 maternal deaths per 100,000 live births. With the

implementation of the 2018 coding method, the maternal death rate would be 16.4 per 100,000 live births from 2003 to 2017.

In 2018, NCHS reported 658 national maternal deaths based on 2018 coding method; the national maternal mortality rate in 2018 was 17.4 maternal deaths per 100,000 live births using the 2018 coding method⁴. There were 4 maternal deaths among Idaho residents reported in 2018; the maternal mortality rate was 18.7 per 100,000 live births in 2018. There were 2 maternal deaths among Idaho residents reported in 2019; the maternal mortality rate was 9.1 per 100,000 live births in 2019.

Late Maternal Mortality

Late maternal deaths are defined as deaths of a woman from direct or indirect obstetric causes more than 42 days but less than one year after termination of pregnancy. Late maternal deaths are not included in the count for maternal deaths. Beginning in 2018, NCHS began using the 2018 coding method to code and count the number of late maternal deaths. The ICD-10 codes for late maternal deaths are O96-O97. In 2018, there were 277 deaths in the U.S. due to late maternal mortality (rate of 7.3 late maternal deaths per 100,000 live births). In Idaho, there were 2 late maternal deaths in both 2018 and 2019 for a rate of 9.3 deaths per 100,000 live births in 2018 and 9.1 per 100,000 live births in 2019.

Pregnancy, childbirth, and the puerperium

Maternal deaths and late maternal deaths are not death classifications used to rank the leading causes of deaths in the U.S. The cause-of-death classification “Pregnancy, childbirth, and the puerperium” is used to rank leading cause of death and is based on all ICD-10 codes from O00-O99. Deaths due to Pregnancy, childbirth, and the puerperium may occur any time during pregnancy or after delivery or termination of pregnancy including one year or later after pregnancy, delivery or termination. These deaths only include direct and indirect obstetric complications, and do not include accidental or any deaths caused by injuries such as suicide or homicide. There were 4 deaths due to “Pregnancy, childbirth, and the puerperium” among Idaho women in 2019, and these 4 deaths either during pregnancy or occurred under a year after the pregnancy, delivery, or termination. Mortality rates for causes of death used to rank leading cause of death are based on population rather than number of births. In 2019, the death rate for “Pregnancy, childbirth, and the puerperium” for Idaho women was 0.4 deaths per 100,000 women; the rate was 0.6 per 100,000 women in the U.S. based on the 2018 coding method for deaths to be coded to ICD-10 codes O00-O99.

1. “Mortality in the United States, 2018,” National Center for Health Statistics Data Brief, No. 355, January 2020.
2. World Health Organization. (2016). International Statistical Classification of Diseases and Related Health Problems 10th Revision Instruction Manual (5th ed., Vol. 2).
3. “Maternal Mortality in the United States: Changes in Coding, Publication, and Data Release, 2018,” National Vital Statistics Reports, Vol 69, No. 2, National Center for Health Statistics, January 30, 2020.

IDAHO RESIDENT INFANT MORTALITY
Number of Infant Deaths and Rates¹
2015-2019

RESIDENCE	2019		2018		2017		2016		2015	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
U.S. ²	NA		5.7		5.8		5.9		5.9	
IDAHO	97	4.4	109	5.1	101	4.6	137	6.1	106	4.6
District 1	13	4.8	11	4.3	8	3.1	14	5.4	12	4.5
District 2	6	5.3	9	8.2	4	3.4	7	6.0	5	4.1
District 3	19	5.0	19	5.2	24	6.2	24	6.1	21	5.3
District 4	20	3.6	20	3.7	22	4.0	25	4.4	25	4.4
District 5	5	1.8	15	5.7	14	5.1	24	8.5	15	5.4
District 6	13	5.5	16	7.1	15	6.3	20	8.2	10	3.9
District 7	21	5.5	19	5.0	14	3.5	23	5.9	18	4.5
Ada	19	3.9	18	3.7	20	4.1	24	4.8	22	4.3
Adams	-	-	-	-	-	-	-	-	-	-
Bannock	8	7.1	6	5.4	7	5.9	8	6.7	5	4.0
Bear Lake	1	13.2	-	-	-	-	-	-	-	-
Benewah	1	9.3	-	-	-	-	-	-	-	-
Bingham	4	6.3	6	10.2	4	6.6	7	10.6	4	5.4
Blaine	1	5.6	-	-	1	5.3	1	5.0	2	8.4
Boise	-	-	1	21.3	1	16.4	-	-	-	-
Bonner	1	2.3	1	2.5	3	7.1	2	4.6	5	13.2
Bonneville	14	7.6	15	8.3	4	2.1	16	8.4	11	5.6
Boundary	2	14.4	3	19.5	-	-	-	-	-	-
Butte	-	-	-	-	-	-	1	33.3	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	13	4.3	16	5.5	14	4.6	20	6.4	16	5.0
Caribou	-	-	-	-	1	10.5	1	11.2	-	-
Cassia	1	2.4	1	2.7	1	2.6	6	15.7	1	2.9
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	-	-	1	15.4	-	-	3	41.7	1	17.9
Custer	-	-	-	-	-	-	-	-	-	-
Elmore	1	2.2	1	2.4	1	2.1	1	2.2	2	4.6
Franklin	-	-	4	20.6	3	15.7	1	5.0	1	5.1
Fremont	2	11.4	-	-	1	5.7	-	-	2	11.5
Gem	2	10.6	1	5.2	1	5.1	2	9.7	2	9.3
Gooding	-	-	2	11.0	1	5.1	6	26.4	2	9.9
Idaho	-	-	-	-	1	6.3	-	-	1	6.0
Jefferson	2	4.5	1	2.3	3	6.0	2	4.5	-	-
Jerome	-	-	3	8.0	1	2.7	9	22.4	-	-
Kootenai	9	4.8	7	4.0	5	2.8	11	6.3	7	3.8
Latah	4	9.7	6	15.3	1	2.2	4	9.4	2	4.3
Lemhi	-	-	1	14.7	2	25.6	-	-	1	11.4
Lewis	1	29.4	1	26.3	-	-	-	-	-	-
Lincoln	-	-	1	16.9	-	-	-	-	1	11.6
Madison	3	2.6	1	0.9	4	3.5	4	3.7	4	3.8
Minidoka	-	-	-	-	5	15.4	1	3.3	2	6.6
Nez Perce	1	2.2	1	2.2	2	4.3	-	-	1	2.1
Oneida	-	-	-	-	-	-	-	-	-	-
Owyhee	1	6.8	1	7.2	3	21.3	1	7.4	1	6.9
Payette	3	9.6	1	3.5	4	12.7	1	3.5	2	6.8
Power	-	-	-	-	-	-	2	16.3	-	-
Shoshone	-	-	-	-	-	-	1	6.8	-	-
Teton	-	-	1	8.0	-	-	1	6.9	-	-
Twin Falls	3	2.5	8	6.9	5	4.1	1	0.8	7	6.0
Valley	-	-	-	-	-	-	-	-	1	11.4
Washington	-	-	-	-	2	18.7	-	-	-	-

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

²Source for 2014-2017: Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2016 on CDC WONDER Online Database, released December, 2017. Source for 2018: "Mortality in the United States, 2018. NCHS Data Brief", no 355. National Center for Health Statistics, 2020.

IDAHO RESIDENT INFANT MORTALITY
Sex, Race and Ethnicity¹ of Infant
2019

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*	97	50	47	87	3	3	-	3	77	19
District 1	13	8	5	10	2	1	-	-	13	-
District 2	6	3	3	5	-	-	-	1	6	-
District 3	19	10	9	18	-	-	-	1	10	9
District 4	20	10	10	19	1	-	-	-	18	2
District 5	5	2	3	5	-	-	-	-	4	1
District 6*	13	8	5	9	-	2	-	1	9	3
District 7	21	9	12	21	-	-	-	-	17	4
Ada	19	9	10	18	1	-	-	-	17	2
Adams	-	-	-	-	-	-	-	-	-	-
Bannock	8	6	2	5	-	2	-	1	7	1
Bear Lake	1	1	-	1	-	-	-	-	1	-
Benewah	1	1	-	1	-	-	-	-	1	-
Bingham*	4	1	3	3	-	-	-	-	1	2
Blaine	1	-	1	1	-	-	-	-	-	1
Boise	-	-	-	-	-	-	-	-	-	-
Bonner	1	1	-	1	-	-	-	-	1	-
Bonneville	14	6	8	14	-	-	-	-	11	3
Boundary	2	-	2	1	-	1	-	-	2	-
Butte	-	-	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	13	6	7	12	-	-	-	1	5	8
Caribou	-	-	-	-	-	-	-	-	-	-
Cassia	1	1	-	1	-	-	-	-	1	-
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	-	-	-	-	-	-	-	-	-	-
Custer	-	-	-	-	-	-	-	-	-	-
Elmore	1	1	-	1	-	-	-	-	1	-
Franklin	-	-	-	-	-	-	-	-	-	-
Fremont	2	1	1	2	-	-	-	-	1	1
Gem	2	1	1	2	-	-	-	-	2	-
Gooding	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-
Jefferson	2	1	1	2	-	-	-	-	2	-
Jerome	-	-	-	-	-	-	-	-	-	-
Kootenai	9	6	3	7	2	-	-	-	9	-
Latah	4	1	3	3	-	-	-	1	4	-
Lemhi	-	-	-	-	-	-	-	-	-	-
Lewis	1	1	-	1	-	-	-	-	1	-
Lincoln	-	-	-	-	-	-	-	-	-	-
Madison	3	1	2	3	-	-	-	-	3	-
Minidoka	-	-	-	-	-	-	-	-	-	-
Nez Perce	1	1	-	1	-	-	-	-	1	-
Oneida	-	-	-	-	-	-	-	-	-	-
Owyhee	1	1	-	1	-	-	-	-	1	-
Payette	3	2	1	3	-	-	-	-	2	1
Power	-	-	-	-	-	-	-	-	-	-
Shoshone	-	-	-	-	-	-	-	-	-	-
Teton	-	-	-	-	-	-	-	-	-	-
Twin Falls	3	1	2	3	-	-	-	-	3	-
Valley	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-

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

*The total includes one death with race and ethnicity not stated (District 6, Bingham County).

IDAHO RESIDENT INFANT MORTALITY
Cause of Death by Neonatal and Postneonatal Periods
2019 Idaho and 2018 U.S.

CAUSE OF DEATH AND ICD-10 CODE(S)	IDAHO						U.S.
	Total		Neonatal		Postneonatal		Total
	Number	Rate	Number	Rate	Number	Rate	Rate
TOTAL	97	439.6	60	271.9	37	167.7	566.2
Influenza and pneumonia (J09-J18)#	1	4.5	-	-	1	4.5	4.6
Certain conditions originating in the perinatal period (P00-P96)	41	185.8	38	172.2	3	13.6	278.8
Newborn affected by maternal complications of pregnancy (P01)#	4	18.1	4	18.1	-	-	35.8
Newborn affected by complications of placenta, cord and membranes (P02)#	7	31.7	7	31.7	-	-	19.1
Disorders related to short gestation and low birth weight, not elsewhere classified (P07)#	8	36.3	8	36.3	-	-	97.0
Intrauterine hypoxia and birth asphyxia (P20-P21)#	1	4.5	1	4.5	-	-	8.1
Respiratory distress of newborn (P22)#	2	9.1	1	4.5	1	4.5	10.3
Bacterial sepsis of newborn (P36)#	4	18.1	3	13.6	1	4.5	15.3
Neonatal hemorrhage (P50-P52, P54)#	1	4.5	1	4.5	-	-	9.9
Other conditions originating in perinatal period	14	63.4	13	58.9	1	4.5	NA
Congenital malformations, deformations and chromosomal abnormalities (birth defect) (Q00-Q99)#	25	113.3	15	68.0	10	45.3	118.0
Sudden infant death syndrome (R95)#	8	36.3	-	-	8	36.3	35.2
Other symptoms, signs, and abnormal clinical and laboratory findings (R00-R53, R55-R94, R96-R99)	3	13.6	2	9.1	1	4.5	34.9
Accidents (V01-X59, Y85-Y86)#	6	27.2	2	9.1	4	18.1	30.8
Assault (homicide X85-Y09, Y87.1)#	2	9.1	-	-	2	9.1	7.1
All other causes	11	49.9	3	13.6	8	36.3	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.

#Cause of infant death used to rank leading cause of death.

NA: not applicable.

IDAHO RESIDENT INFANT MORTALITY
Neonatal and Postneonatal Mortality by Age of Mother
2019

AGE OF MOTHER (at time of birth)	Total		Neonatal		Postneonatal	
	Number	Rate	Number	Rate	Number	Rate
TOTAL	97	4.4	60	2.7	37	1.7
<15	-	-	-	-	-	-
15-19	6	6.5	3	3.3	3	3.3
15-17	-	-	-	-	-	-
18-19	6	8.2	3	4.1	3	4.1
20-34	71	4.0	45	2.5	26	1.5
35+	16	4.9	11	3.4	5	1.5
Unknown	4	NA	1	NA	3	NA

Rates are deaths of infants under one year of age per 1,000 live births in corresponding mother's age group. Mother's age is mother's age at the time of infant's birth.

NA=not applicable.

IDAHO RESIDENT INFANT MORTALITY
Leading Causes of Infant Mortality
Three-Year Aggregate, 2017-2019

RESIDENCE	THREE-YEAR TOTAL INFANT DEATHS		CAUSE OF INFANT DEATH						
			Congenital malform- ations ¹	Short Gestation / Unspecified Low Birth Weight	Respiratory Distress of Newborn	All Other Conditions Originating in Perinatal Period	Sudden Infant Death Syndrome (SIDS)	External Causes ²	All Other Causes
	Number	Rate							
IDAHO	307	4.7	82	26	7	104	25	22	41
District 1	32	4.1	9	1	1	10	4	4	3
District 2	19	5.6	6	2	1	6	2	-	2
District 3	62	5.5	18	6	1	22	2	6	7
District 4	62	3.8	13	7	-	22	5	4	11
District 5	34	4.2	12	1	1	10	4	3	3
District 6	44	6.3	9	3	-	15	4	4	9
District 7	54	4.7	15	6	3	19	4	1	6
Ada	57	3.9	11	6	-	21	5	4	10
Adams	-	-	-	-	-	-	-	-	-
Bannock	21	6.1	5	2	-	7	1	4	2
Bear Lake	1	4.2	-	-	-	1	-	-	-
Benewah	1	3.4	-	-	-	1	-	-	-
Bingham	14	7.7	2	1	-	6	2	-	3
Blaine	2	3.5	1	-	-	-	-	-	1
Boise	2	12.6	1	-	-	1	-	-	-
Bonner	5	3.9	1	-	-	4	-	-	-
Bonneville	33	6.0	9	4	1	11	4	1	3
Boundary	5	12.1	3	-	-	-	-	2	-
Butte	-	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-
Canyon	43	4.8	15	4	1	14	1	4	4
Caribou	1	3.6	1	-	-	-	-	-	-
Cassia	3	2.5	2	-	-	1	-	-	-
Clark	-	-	-	-	-	-	-	-	-
Clearwater	1	4.8	1	-	-	-	-	-	-
Custer	-	-	-	-	-	-	-	-	-
Elmore	3	2.2	1	1	-	-	-	-	1
Franklin	7	11.5	1	-	-	1	1	-	4
Fremont	3	5.6	-	-	1	1	-	-	1
Gem	4	6.9	-	1	-	2	-	-	1
Gooding	3	5.2	-	1	-	1	1	-	-
Idaho	1	2.2	-	-	-	1	-	-	-
Jefferson	6	4.3	2	-	1	3	-	-	-
Jerome	4	3.7	2	-	-	2	-	-	-
Kootenai	21	3.9	5	1	1	5	4	2	3
Latah	11	8.8	3	-	1	4	1	-	2
Lemhi	3	12.8	1	-	-	1	-	-	1
Lewis	2	18.9	1	1	-	-	-	-	-
Lincoln	1	4.8	1	-	-	-	-	-	-
Madison	8	2.4	3	1	-	3	-	-	1
Minidoka	5	5.4	1	-	-	3	1	-	-
Nez Perce	4	2.9	1	1	-	1	1	-	-
Oneida	-	-	-	-	-	-	-	-	-
Owyhee	5	11.7	-	-	-	2	1	2	-
Payette	8	8.8	3	1	-	2	-	-	2
Power	-	-	-	-	-	-	-	-	-
Shoshone	-	-	-	-	-	-	-	-	-
Teton	1	2.5	-	1	-	-	-	-	-
Twin Falls	16	4.5	5	-	1	3	2	3	2
Valley	-	-	-	-	-	-	-	-	-
Washington	2	6.8	-	-	-	2	-	-	-

Rates are deaths of infants under one year of age per 1,000 live births in 2017, 2018, and 2019. Rates are unreliable when the rate was calculated with a numerator (number of deaths) <20.

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

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

IDAHO RESIDENT INFANT MORTALITY
Neonatal and Postneonatal Mortality
2019 Idaho and 2018 U.S.

RESIDENCE	TOTAL LIVE BIRTHS	INFANT DEATHS					
		Total ¹		Neonatal ²		Postneonatal ³	
		Number	Rate	Number	Rate	Number	Rate
U.S. ⁴		21,467	5.7	14,289	3.8	7,178	1.9
IDAHO	22,066	97	4.4	60	2.7	37	1.7
District 1	2,681	13	4.8	9	3.4	4	1.5
District 2	1,136	6	5.3	4	3.5	2	1.8
District 3	3,804	19	5.0	15	3.9	4	1.1
District 4	5,515	20	3.6	12	2.2	8	1.5
District 5	2,734	5	1.8	1	0.4	4	1.5
District 6	2,346	13	5.5	7	3.0	6	2.6
District 7	3,850	21	5.5	12	3.1	9	2.3
Ada	4,929	19	3.9	12	2.4	7	1.4
Adams	33	-	-	-	-	-	-
Bannock	1,124	8	7.1	4	3.6	4	3.6
Bear Lake	76	1	13.2	1	13.2	-	-
Benewah	108	1	9.3	1	9.3	-	-
Bingham	635	4	6.3	2	3.1	2	3.1
Blaine	179	1	5.6	-	-	1	5.6
Boise	51	-	-	-	-	-	-
Bonner	439	1	2.3	1	2.3	-	-
Bonneville	1,834	14	7.6	9	4.9	5	2.7
Boundary	139	2	14.4	1	7.2	1	7.2
Butte	24	-	-	-	-	-	-
Camas	10	-	-	-	-	-	-
Canyon	3,044	13	4.3	10	3.3	3	1.0
Caribou	87	-	-	-	-	-	-
Cassia	409	1	2.4	1	2.4	-	-
Clark	10	-	-	-	-	-	-
Clearwater	73	-	-	-	-	-	-
Custer	25	-	-	-	-	-	-
Elmore	448	1	2.2	-	-	1	2.2
Franklin	224	-	-	-	-	-	-
Fremont	175	2	11.4	1	5.7	1	5.7
Gem	188	2	10.6	2	10.6	-	-
Gooding	195	-	-	-	-	-	-
Idaho	157	-	-	-	-	-	-
Jefferson	449	2	4.5	1	2.2	1	2.2
Jerome	332	-	-	-	-	-	-
Kootenai	1,861	9	4.8	6	3.2	3	1.6
Latah	414	4	9.7	2	4.8	2	4.8
Lemhi	88	-	-	-	-	-	-
Lewis	34	1	29.4	1	29.4	-	-
Lincoln	69	-	-	-	-	-	-
Madison	1,146	3	2.6	1	0.9	2	1.7
Minidoka	328	-	-	-	-	-	-
Nez Perce	458	1	2.2	1	2.2	-	-
Oneida	58	-	-	-	-	-	-
Owyhee	147	1	6.8	1	6.8	-	-
Payette	312	3	9.6	2	6.4	1	3.2
Power	118	-	-	-	-	-	-
Shoshone	134	-	-	-	-	-	-
Teton	123	-	-	-	-	-	-
Twin Falls	1,212	3	2.5	-	-	3	2.5
Valley	87	-	-	-	-	-	-
Washington	80	-	-	-	-	-	-

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

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

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

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

⁴CDC, NCHS. Underlying Cause of Death 1999-2018 on CDC WONDER Online Database, released December, 2019.

IDAHO RESIDENT INFANT MORTALITY
Three-Year Rates¹
2008-2010 Through 2017-2019

RESIDENCE	2017-2019	2016-2018	2015-2017	2014-2016	2013-2015	2012-2014	2011-2013	2010-2012	2009-2011	2008-2010
IDAHO	4.7	5.3	5.1	5.4	5.3	5.5	5.3	5.0	5.1	5.3
District 1	4.1	4.3	4.3	5.5	5.2	5.3	4.8	4.5	3.4	3.5
District 2	5.6	5.8	4.5	6.2	6.7	7.0	7.0	7.3	7.1	6.1
District 3	5.5	5.9	5.9	5.8	6.3	6.7	6.6	5.2	5.1	5.5
District 4	3.8	4.1	4.3	4.5	4.4	4.4	4.5	4.6	4.9	5.1
District 5	4.2	6.4	6.3	6.7	6.1	6.7	6.1	6.2	6.2	7.1
District 6	6.3	7.2	6.1	5.4	4.9	4.6	5.0	4.4	4.9	5.1
District 7	4.7	4.8	4.7	5.2	4.7	5.1	4.7	4.7	4.8	5.2
Ada	3.9	4.2	4.4	4.5	4.3	4.3	4.4	4.6	4.8	5.1
Adams	-	-	-	-	11.8	11.4	11.6	-	-	-
Bannock	6.1	6.0	5.5	5.3	4.7	4.6	4.6	4.9	4.8	4.5
Bear Lake	4.2	-	-	-	8.4	7.7	12.9	8.2	12.3	7.9
Benewah	3.4	-	-	6.2	12.2	11.9	8.9	2.9	6.0	3.0
Bingham	7.7	9.2	7.5	5.8	5.1	4.1	5.3	3.9	4.7	6.5
Blaine	3.5	3.4	6.4	4.5	3.0	1.5	1.5	4.3	6.8	6.0
Boise	12.6	12.7	6.6	-	-	-	8.4	8.5	6.9	-
Bonner	3.9	4.7	8.1	9.6	9.1	6.6	3.4	4.3	2.5	3.2
Bonneville	6.0	6.3	5.4	7.1	6.2	5.8	4.7	4.4	4.1	5.0
Boundary	12.1	7.0	-	2.3	5.0	7.9	5.3	2.8	-	2.6
Butte	-	11.4	11.1	12.0	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	4.8	5.5	5.3	5.9	6.2	6.5	6.6	5.4	5.5	5.7
Caribou	3.6	7.1	7.4	7.8	3.7	3.7	3.7	7.1	13.8	9.6
Cassia	2.5	6.9	7.1	10.0	7.3	7.9	5.2	5.1	4.1	3.2
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	4.8	19.4	20.3	21.5	5.3	4.9	9.6	10.5	5.1	-
Custer	-	-	-	-	-	-	-	-	-	-
Elmore	2.2	2.2	2.9	5.1	6.4	6.3	5.7	5.6	6.5	6.4
Franklin	11.5	13.6	8.5	3.5	3.5	3.4	5.1	3.3	3.3	4.5
Fremont	5.6	1.9	5.7	5.5	5.4	5.2	6.8	6.4	3.1	-
Gem	6.9	6.7	8.1	11.4	11.6	8.3	3.4	-	1.8	3.4
Gooding	5.2	14.9	14.4	14.3	8.2	8.3	8.4	11.1	7.1	6.6
Idaho	2.2	2.2	4.3	6.4	10.8	10.7	6.5	6.2	6.3	8.0
Jefferson	4.3	4.3	3.5	1.5	2.1	4.9	6.1	5.3	7.0	7.3
Jerome	3.7	11.4	8.4	13.3	12.3	15.0	9.1	4.9	8.7	12.3
Kootenai	3.9	4.3	4.2	4.8	4.1	4.6	5.1	4.7	3.5	3.4
Latah	8.8	8.7	5.2	7.5	6.7	6.0	6.7	8.9	9.5	7.9
Lemhi	12.8	13.3	12.2	12.9	14.0	10.8	5.2	9.3	13.3	8.7
Lewis	18.9	9.0	-	-	-	-	-	8.1	8.5	15.9
Lincoln	4.8	5.2	4.5	4.9	4.5	14.0	13.3	12.4	-	-
Madison	2.4	2.7	3.7	3.0	2.4	3.3	3.4	4.4	5.2	5.7
Minidoka	5.4	6.6	8.6	5.4	5.2	9.0	9.0	8.0	2.1	1.0
Nez Perce	2.9	2.1	2.1	3.4	6.3	7.5	7.7	5.6	5.2	3.6
Oneida	-	-	-	-	6.9	7.1	6.8	-	-	-
Owyhee	11.7	12.0	11.8	4.7	4.9	7.2	7.2	4.7	4.7	9.0
Payette	8.8	6.7	7.8	4.5	5.5	9.8	9.7	9.4	5.1	6.0
Power	-	5.9	5.4	10.0	7.4	7.1	2.5	2.5	2.6	2.4
Shoshone	-	2.2	2.2	4.4	2.2	2.5	-	5.6	5.3	7.6
Teton	2.5	4.8	2.2	4.5	8.9	11.1	8.4	4.0	3.7	5.2
Twin Falls	4.5	3.9	3.6	3.0	4.2	3.3	4.7	5.8	7.4	9.1
Valley	-	-	3.6	3.7	3.8	-	-	-	3.6	2.9
Washington	6.8	6.1	6.0	-	-	-	-	-	-	-

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

IDAHO RESIDENT STILLBIRTHS
Number of Stillbirths and Ratios¹
2015-2019

RESIDENCE	2019		2018		2017		2016		2015	
	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio
IDAHO	111	5.0	114	5.3	106	4.8	114	5.1	142	6.2
District 1	12	4.5	14	5.5	7	2.7	15	5.8	14	5.3
District 2	6	5.3	7	6.4	6	5.1	11	9.3	9	7.4
District 3	19	5.0	23	6.3	27	7.0	22	5.7	26	6.6
District 4	21	3.8	25	4.6	20	3.7	17	3.1	36	6.3
District 5	20	7.3	12	4.6	12	4.3	14	5.1	17	6.1
District 6	15	6.4	15	6.7	11	4.7	17	7.2	16	6.3
District 7	18	4.7	18	4.8	23	5.8	18	4.6	24	6.0
Ada	20	4.1	21	4.3	17	3.5	12	2.5	33	6.4
Adams	-	-	-	-	-	-	-	-	-	-
Bannock	5	4.4	11	9.9	3	2.5	9	7.6	7	5.6
Bear Lake	-	-	-	-	1	12.0	1	12.0	-	-
Benewah	1	9.3	1	10.9	-	-	1	10.3	3	26.1
Bingham	7	11.0	3	5.1	4	6.6	3	5.0	7	9.5
Blaine	1	5.6	-	-	1	5.3	-	-	2	8.4
Boise	-	-	-	-	-	-	1	16.4	2	48.8
Bonner	1	2.3	1	2.5	2	4.7	3	7.1	-	-
Bonneville	10	5.5	11	6.1	10	5.3	7	3.7	16	8.1
Boundary	-	-	3	19.5	-	-	1	8.3	2	14.0
Butte	-	-	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	11	3.6	19	6.5	22	7.2	19	6.2	23	7.2
Caribou	-	-	-	-	1	10.5	-	-	-	-
Cassia	2	4.9	5	13.3	2	5.1	2	5.1	5	14.5
Clark	1	100.0	-	-	-	-	-	-	-	-
Clearwater	-	-	1	15.4	-	-	1	14.5	-	-
Custer	-	-	-	-	-	-	-	-	-	-
Elmore	1	2.2	3	7.2	3	6.4	4	8.5	1	2.3
Franklin	1	4.5	-	-	-	-	2	10.5	-	-
Fremont	1	5.7	-	-	-	-	1	5.7	2	11.5
Gem	-	-	2	10.3	1	5.1	1	5.1	-	-
Gooding	5	25.6	-	-	1	5.1	3	15.2	2	9.9
Idaho	3	19.1	2	13.9	1	6.3	2	12.7	1	6.0
Jefferson	2	4.5	2	4.5	3	6.0	1	2.0	2	4.1
Jerome	3	9.0	-	-	-	-	2	5.5	1	2.4
Kootenai	9	4.8	7	4.0	5	2.8	10	5.5	7	3.8
Latah	1	2.4	1	2.6	2	4.4	5	11.1	5	10.7
Lemhi	-	-	-	-	-	-	-	-	-	-
Lewis	-	-	-	-	-	-	1	29.4	-	-
Lincoln	-	-	1	16.9	-	-	-	-	1	11.6
Madison	4	3.5	5	4.6	10	8.8	9	7.9	4	3.8
Minidoka	3	9.1	1	3.6	1	3.1	1	3.1	2	6.6
Nez Perce	2	4.4	3	6.6	3	6.4	2	4.3	3	6.2
Oneida	-	-	1	17.9	1	17.9	-	-	1	18.9
Owyhee	2	13.6	1	7.2	-	-	1	7.1	1	6.9
Payette	4	12.8	1	3.5	2	6.4	1	3.2	2	6.8
Power	2	16.9	-	-	1	8.8	2	17.5	1	7.7
Shoshone	1	7.5	2	12.3	-	-	-	-	2	12.5
Teton	-	-	-	-	-	-	-	-	-	-
Twin Falls	6	5.0	5	4.3	7	5.8	6	4.9	4	3.4
Valley	-	-	1	9.3	-	-	-	-	-	-
Washington	2	25.0	-	-	2	18.7	-	-	-	-

¹Stillbirth ratios are stillbirths per 1,000 live births. Data in 2019 have been updated due to a batch of out-of-state stillbirth records received after the initial stillbirth dataset was finalized.

Stillbirth: a spontaneous fetal death of 20 completed weeks of gestation or more, based on the clinical estimate of gestation, or a weight of 350 grams (12.35 ounces) or more.

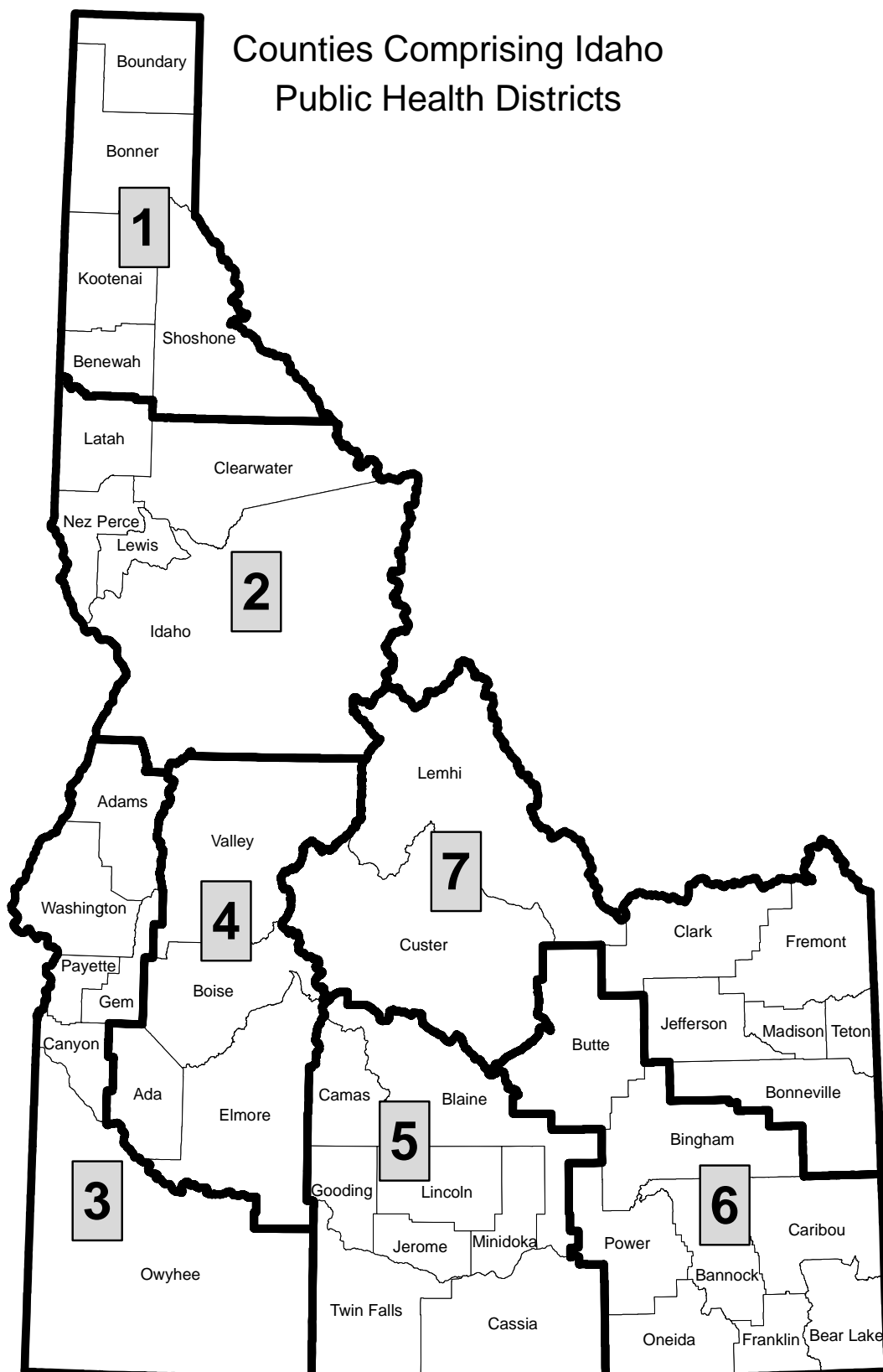
IDAHO RESIDENT PERINATAL MORTALITY
Number of Perinatal Deaths and Ratios¹
2015-2019

RESIDENCE	2019*		2018		2017		2016		2015	
	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio
IDAHO	160	7.3	182	8.5	162	7.3	186	8.3	203	8.9
District 1	20	7.5	19	7.5	10	3.9	22	8.5	20	7.5
District 2	9	7.9	14	12.8	8	6.8	14	11.9	14	11.5
District 3	28	7.4	38	10.3	41	10.7	36	9.2	42	10.6
District 4	33	6.0	38	7.0	31	5.7	33	5.9	49	8.6
District 5	21	7.7	23	8.8	20	7.2	24	8.5	23	8.3
District 6	20	8.5	25	11.1	19	8.0	27	11.0	22	8.6
District 7	29	7.5	25	6.6	33	8.4	30	7.7	33	8.3
Ada	32	6.5	32	6.6	26	5.4	28	5.6	45	8.8
Adams	-	-	-	-	-	-	-	-	-	-
Bannock	8	7.1	16	14.4	6	5.0	13	10.8	11	8.7
Bear Lake	1	13.2	-	-	1	12.0	1	11.1	-	-
Benewah	2	18.5	1	10.9	-	-	1	9.7	3	26.1
Bingham	8	12.6	8	13.6	7	11.6	5	7.6	8	10.9
Blaine	1	5.6	-	-	1	5.3	-	-	2	8.4
Boise	-	-	1	21.3	1	16.4	1	20.4	2	48.8
Bonner	2	4.6	1	2.5	5	11.8	5	11.4	3	7.9
Bonneville	18	9.8	16	8.8	13	6.9	14	7.3	22	11.2
Boundary	1	7.2	5	32.5	-	-	1	6.4	2	14.0
Butte	-	-	-	-	-	-	1	33.3	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	18	5.9	31	10.6	29	9.5	30	9.6	34	10.7
Caribou	-	-	-	-	2	21.1	1	11.2	-	-
Cassia	3	7.3	6	15.9	3	7.7	3	7.8	6	17.4
Clark	1	100.0	-	-	-	-	-	-	-	-
Clearwater	-	-	1	15.4	-	-	1	13.9	1	17.9
Custer	-	-	-	-	-	-	-	-	-	-
Elmore	1	2.2	4	9.6	4	8.5	4	8.8	2	4.6
Franklin	1	4.5	-	-	1	5.2	3	14.9	1	5.1
Fremont	2	11.4	-	-	1	5.7	1	5.7	3	17.2
Gem	1	5.3	3	15.5	2	10.3	2	9.7	2	9.3
Gooding	5	25.6	1	5.5	1	5.1	4	17.6	3	14.9
Idaho	3	19.1	2	13.9	2	12.7	2	14.0	2	11.9
Jefferson	3	6.7	3	6.8	5	10.1	1	2.2	2	4.1
Jerome	3	9.0	3	8.0	-	-	9	22.4	1	2.4
Kootenai	14	7.5	10	5.8	5	2.8	14	8.0	10	5.4
Latah	2	4.8	6	15.3	2	4.4	8	18.9	7	15.0
Lemhi	-	-	-	-	1	12.8	-	-	-	-
Lewis	1	29.4	1	26.3	-	-	1	25.6	-	-
Lincoln	-	-	2	33.9	-	-	-	-	1	11.6
Madison	5	4.4	5	4.6	13	11.5	13	12.1	6	5.7
Minidoka	3	9.1	1	3.6	5	15.4	2	6.6	2	6.6
Nez Perce	3	6.6	4	8.8	4	8.6	2	4.0	4	8.3
Oneida	-	-	1	17.9	1	17.9	-	-	1	18.9
Owyhee	2	13.6	2	14.5	1	7.1	2	14.7	2	13.8
Payette	5	16.0	2	7.0	5	15.9	2	6.9	4	13.7
Power	2	16.9	-	-	1	8.8	3	24.4	1	7.7
Shoshone	1	7.5	2	12.3	-	-	1	6.8	2	12.5
Teton	-	-	1	8.0	-	-	1	6.9	-	-
Twin Falls	6	5.0	10	8.7	10	8.2	6	4.8	8	6.8
Valley	-	-	1	9.3	-	-	-	-	-	-
Washington	2	25.0	-	-	4	37.4	-	-	-	-

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

*Data in 2019 have been updated due to a batch of out-of-state stillbirth records received after the initial stillbirth dataset was finalized.

Counties Comprising Idaho Public Health Districts



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

TECHNICAL NOTES- MORTALITY

Race of Decedent

Idaho was one of the first states to adopt a new death certificate in 2003, which included the addition to select multiple races for the decedent. Beginning in 2003, Idaho Vital Statistics transmits 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 (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 2019, this included seven 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
2017	13,347	13,281	65	660	652	4
2018	13,593	13,493	80	670	659	7
2019	13,770	13,677	77	660	645	8

Other Race

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

Prior to 2003, few deaths were categorized as Other Race. For example, in 2002, there were four residents' deaths reported as Other Race. Due to the change in the death certificate and the methodology for coding race, the number of records with Other Race was 101 in 2017, 70 in 2018, and 71 in 2019.

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

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

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

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

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

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

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

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

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

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

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

Life Expectancy Data used to calculate Idaho life expectancy are based on July 1, 2019 population estimates from the U.S. Census Bureau, age-specific population estimates computed by the Bureau of Vital Records and Health Statistics, and 2019 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 2019, Accidents was the fourth-leading cause of death of Idahoans and accounted for 6.6% of all resident deaths. However, Accidents was the leading cause of premature death under age 75 and accounted for 10.5% of all deaths to persons under the age of 75 in 2019. 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 halfway through the year of their age at death. For example, an infant who dies under one year of age is considered 0.5 years of age at death, and a child who dies at age one-between its first and second birthday- is considered 1.5 years of age, and so forth. Therefore, a person dying at 39 has lost 35.5 years of life relative to the standard (i.e., 75 years – 39.5 years = 35.5 years). To obtain YPLL, the number of years of life lost for each person in the population dying before the standard age is summed.

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

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

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

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

Population

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

NCHS contracted with the Census Bureau to produce a bridged data set in which all multiple race persons are allocated to a single race, to reproduce what these people would have reported had they not had the option to report more than one race. In June 2020, NCHS released state and county population totals for July 1, 2019. These totals are for the four race groups (White, Black, American Indian or Alaska Native, Asian or Pacific Islander) by single year of age, sex, and Hispanic origin.¹

Idaho Population by Race and Ethnicity, April 1, 2010 Census, and July 1, 2017, 2018, and 2019 Estimates

Race and Ethnicity	April 1, 2010		July 1, 2017		July 1, 2018		July 1, 2019	
	Number	%	Number	%	Number	%	Number	%
Total	1,567,582	100.0%	1,716,943	100.0%	1,754,208	100.0%	1,787,065	100.0%
Race								
White	1,496,784	95.5%	1,626,437	94.7%	1,660,028	94.6%	1,691,082	94.6%
Black	15,104	1.0%	21,230	1.2%	22,301	1.3%	23,148	1.3%
American Indian or Alaskan Native	29,801	1.9%	34,832	2.0%	35,530	2.0%	36,276	2.0%
Asian or Pacific Islander	25,893	1.7%	34,444	2.0%	36,349	2.1%	36,559	2.0%
Ethnicity								
Not Hispanic or Latino	1,391,681	88.8%	1,501,551	87.5%	1,531,300	87.3%	1,557,575	87.2%
Hispanic or Latino	175,901	11.2%	215,392	12.5%	222,908	12.7%	229,490	12.8%

¹The bridged-race population estimates were produced by the Population Estimates Program of the U.S. Census Bureau in collaboration with the National Center for Health Statistics (NCHS). These estimates were released on June 25, 2020. Available at: http://cdc.gov/nchs/nvss/bridged_race/data_documentation.htm

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