



# IDAHO VITAL STATISTICS

Mortality 2021

Bureau of Vital Records and Health Statistics  
Division of Public Health  
February 2023

## 2021 IDAHO VITAL STATISTICS - MORTALITY

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## DEFINITIONS AND FORMULAS

### Cause of Death

The death certificate includes a section called “Cause of Death” and this section includes two parts for the physician, physician assistant, or coroner to provide information on the person’s death. Part I is where information is entered for the chain of events (diseases, conditions, or injuries) that directly caused the person’s death. Part II is where information is entered for other significant conditions contributing to death but not resulting in the underlying cause given in Part I.

Part I includes the **Underlying Cause of Death** which is the disease or injury that initiated the events resulting in death. Part I may also include **Subsequent Cause(s) and Immediate Cause of Death** which are diseases, conditions, or injuries due to the underlying cause of death or a consequence of the underlying cause of death. The immediate cause is the final disease or condition resulting in death.

Idaho mortality statistics provided in this report are based on the underlying cause of death and are comparable with national and other state’s mortality statistics based on underlying cause of death. Except for data in two tables in this report, Idaho data in this report are not comparable with statistics based on multiple-cause-of-death data. Multiple-cause-of-death is the analysis of all diseases, conditions, and injuries reported in Part I and Part II of the death certificate. For example, if cancer is listed as the person’s underlying cause of death in Part I, and COVID-19 is listed in Part II as significantly contributing to the person’s death, their underlying cause of death would be cancer, and their multiple-cause-of-death would be both cancer-related and COVID-19-related. On page 60 there are two tables with Idaho COVID-19-related data.

### Mortality

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

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

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

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

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

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

## Maternal Mortality

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

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

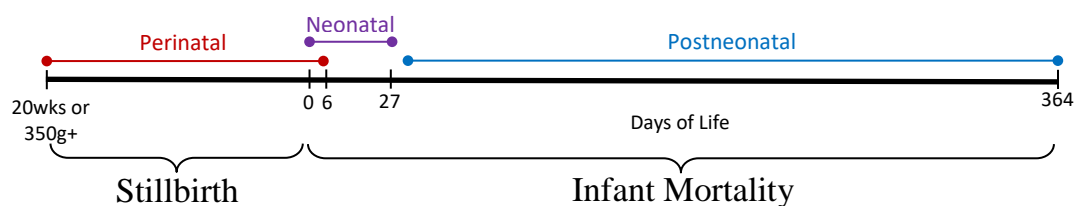
## Late Maternal Mortality

**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.

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

# 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 17, 2022 for death records and September 2, 2022 for stillbirth records. 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.

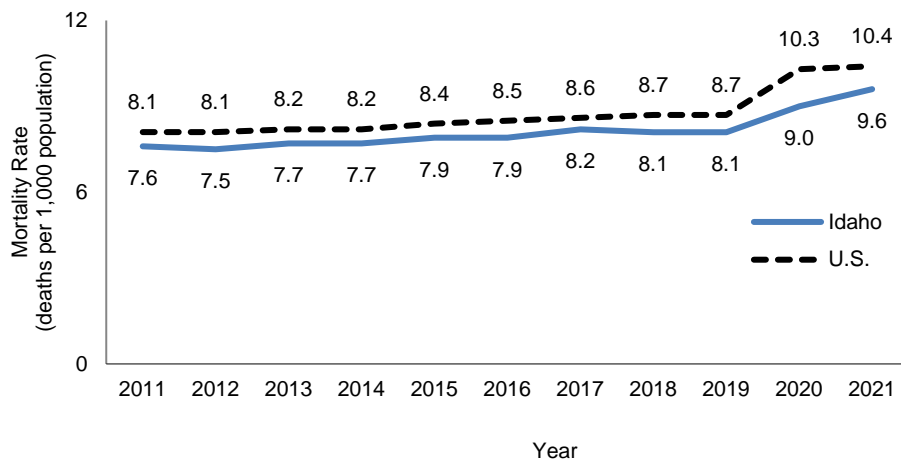


# MORTALITY

## U.S. and Idaho Mortality

The mortality rate in the U.S. was 8.7 deaths per 1,000 population in 2019, 10.3 per 1,000 population in 2020, and increased slightly to 10.4 deaths per 1,000 in 2021.<sup>1</sup> In 2021, there were 3,464,231 deaths in the U.S. compared with 3,383,729 deaths in 2020.<sup>1</sup> In 2019, 14,430 Idahoans died and the death rate was 8.1 per 1,000 population. From 2019 to 2020, the number of Idaho deaths increased 13.6 percent to 16,397 deaths in 2020 and the mortality rate increased 11.1 percent to 9.0 in 2020. From 2020 to 2021, the number of Idaho deaths increased 11.8 percent to 18,334 and the rate increased 6.7 percent to 9.6 deaths per 1,000.

**U.S., IDAHO RESIDENT DEATH RATES  
2011-2021**



In 2021, the leading cause of mortality in the U.S. was Diseases of heart, followed by Malignant neoplasms (cancer).<sup>1</sup> The ten leading causes in mortality in the U.S. in 2021 includes COVID-19 which was new to the leading cause of death list in 2020. The only change in the rank in the ten leading causes in the U.S. from 2020 to 2021 was in the 9<sup>th</sup> rank in which Influenza and pneumonia was ranked 9<sup>th</sup> in 2020 and Chronic liver disease and cirrhosis was ranked 9<sup>th</sup> in 2021.

**Leading Causes of Mortality for the U.S. in 2021**

Cause of Death	U.S. 2021	
	Rank	Deaths
Diseases of heart	1	695,547
Malignant neoplasms (cancer)	2	605,213
COVID-19	3	416,893
Accidents (unintentional injury)	4	224,935
Cerebrovascular diseases	5	162,890
Chronic lower respiratory diseases	6	142,342
Alzheimer's disease	7	119,399
Diabetes mellitus	8	103,294
Chronic liver disease and cirrhosis	9	56,585
Nephritis, nephrotic syndrome & nephrosis	10	54,358

1. Centers for Disease Control and Prevention, National Center for Health Statistics (NCHS). Underlying Cause of Death 1999-2021 on CDC WONDER Online Database, released January 2023.

## Idaho Leading Causes of Mortality

In 2020 and 2021, Diseases of heart was the leading cause of mortality, Malignant neoplasms (cancer) was the 2<sup>nd</sup> leading cause of mortality, and COVID-19 was the 3<sup>rd</sup> leading cause of death among Idahoans. From 2020 to 2021 the leading ten causes of deaths remained the same for Idahoans; however, the rank for Alzheimer's disease increased from 7<sup>th</sup> leading cause to 6<sup>th</sup> leading cause and Cerebrovascular diseases decreased from 6<sup>th</sup> leading causes to 7<sup>th</sup> leading cause.

### Idaho Resident Leading Causes of Mortality in 2021

Cause of Death	Idaho 2021	
	Rank	Deaths
Diseases of heart	1	3,430
Malignant neoplasms (cancer)	2	3,126
COVID-19	3	2,406
Accidents (unintentional injury)	4	1,163
Chronic lower respiratory diseases	5	919
Alzheimer's disease	6	789
Cerebrovascular diseases	7	752
Diabetes mellitus	8	541
Intentional self-harm (suicide)	9	387
Chronic liver disease and cirrhosis	10	351

### Idaho Leading Causes of Mortality Ranked by Percent Change in Age-Adjusted Rate from 2020 to 2021

Cause of Death	Age-Adjusted Rate		Percent Change	
	2020	2021		
COVID-19	63.8	112.3	76.0%	▲
Accident	50.9	60.1	18.1%	▲
Alzheimer's disease	36.7	40.5	10.4%	▲
Diseases of heart	151.9	166.4	9.5%	▲
Chronic liver disease and cirrhosis	15.4	16.6	7.8%	▲
Chronic lower respiratory diseases	39.4	42.4	7.6%	▲
Diabetes mellitus	22.7	24.4	7.5%	▲
Malignant neoplasms	136.4	140.3	2.9%	▲
Cerebrovascular diseases	37.4	36.8	-1.6%	▼
Suicide	23.3	20.5	-12.0%	▼

\*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 age-adjusted rates were calculated using the 2000 U.S. population estimate as the standard population.

▲ Rate increased from 2020 to 2021. ▼ Rate decreased from 2020 to 2021.

## Idaho Leading Causes by Sex

In 2021, 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.

**Idaho Leading Causes of Mortality by Sex**

Cause of Death	Age-Adjusted Rate		Male:Female Rate Ratio	
	Male	Female		
Diseases of heart	204.5	131.6	1.6	*
Malignant neoplasms	158.7	124.9	1.3	*
COVID-19	141.4	86.2	1.6	*
Accident	78.7	41.1	1.9	*
Chronic lower respiratory diseases	45.5	39.9	1.1	
Alzheimer's disease	28.7	49.4	0.6	*
Cerebrovascular diseases	33.1	39.2	0.8	
Diabetes mellitus	29.6	19.3	1.5	*
Suicide	34.0	6.9	4.9	*
Chronic liver disease and cirrhosis	19.4	13.9	1.4	*

Age-adjusted mortality rates are deaths per 100,000 population.

Ratio=1 indicates that the rate is the same for both males and females. Ratio<1 indicates that the rate is higher in females. Ratio>1 indicates that the rate is higher in males.

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

In 2021, the average age at death for Idahoans was 72.9 compared with 74.0 years in 2020.

For Idahoans, life expectancy at birth was 77.0 in 2021 which was a decrease from 78.5 years in 2020, and 79.7 years in 2019. For Idaho males, life expectancy was 74.7 in 2021 and for females, life expectancy at birth was 79.4 years. Life expectancy at birth was 77.0 years for the total U.S. population in 2020. For male total population, life expectancy was 74.2 in 2020, and for females, life expectancy at birth was 79.9 years<sup>1</sup>.

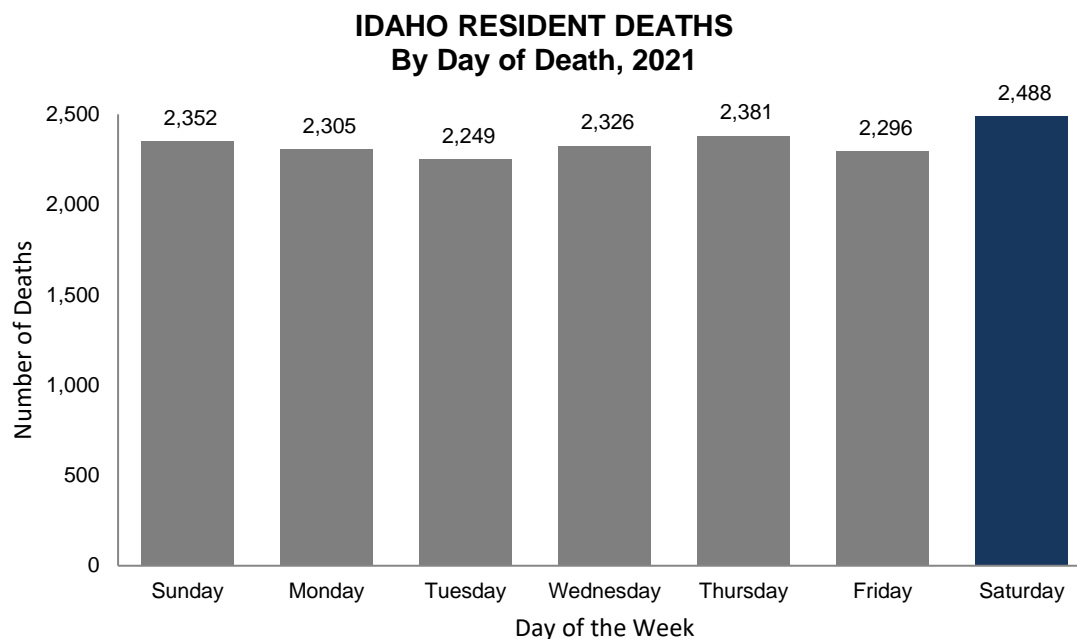
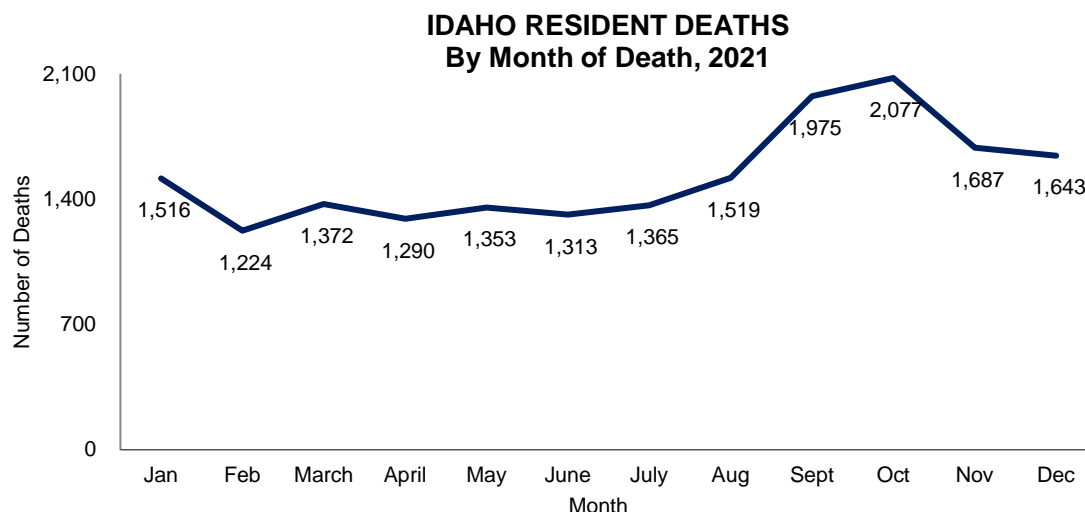
### 2021 Average Age and Maximum Age at Death

	Number	Average age	Maximum age
Total	18,334	72.9	107
Sex			
Female	8,475	75.9	107
Male	9,859	70.3	107
Ethnicity			
Non-Hispanic	17,485	73.5	107
Hispanic	821	60.3	102
Unknown	28	NA	NA
Race			
White	17,550	73.3	107
Black	66	52.0	92
American Indian or Alaskan Native	238	59.7	97
Asian, Hawaiian or Pacific Islander	151	70.3	100
Other	138	63.8	104
Multiple	155	65.4	100
Unknown	36	NA	NA
Cause of Death			
Diseases of heart	3,430	77.9	105
Malignant neoplasms	3,126	72.5	105
COVID-19	2,406	72.0	107
Accident	1,163	55.8	105
Chronic lower respiratory diseases	919	76.5	103
Alzheimer's disease	789	84.6	107
Cerebrovascular diseases	752	80.2	102
Diabetes mellitus	541	72.1	102
Suicide	387	43.7	92
Chronic liver disease and cirrhosis	351	57.0	97

1. "Mortality in the United States, 2020," NCHS Data Brief, No. 427 National Center for Health Statistics, December 2021.

### Idaho Month and Day of the Week of Death

In 2019, there were an average of 39.5 deaths per day among Idaho residents; in 2020 there were 44.9 deaths per day and in 2021, there were 50.2 deaths per day. October 2021 had the most deaths compared with other months, and October had the most deaths per day on average (67.0 deaths per day). February and had the fewest deaths compared with the other months; however, April had slightly fewer deaths per day (43.0 per day). The number of deaths per day ranged from a low of 26 deaths on July 12, to a high of 91 deaths on September 26, 2021.



### Out-of-State Resident Deaths

In 2021, 881 non-residents died in Idaho. Most of these deaths were residents from neighboring states: Oregon (270 deaths), Washington (222 deaths), Wyoming (60 deaths), California (57 deaths), Nevada (48 deaths), Montana (46 deaths), Utah (39 deaths), and 139 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**  
**2017-2021**

RESIDENCE	2021		2020		2019		2018		2017	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
U.S.	10.4		10.3		8.7		8.7		8.6	
IDAHO	18,334	9.6	16,397	9.0	14,430	8.1	14,263	8.1	14,007	8.2
District 1	3,222	12.1	2,591	10.3	2,537	10.3	2,406	10.0	2,380	10.1
District 2	1,366	12.2	1,181	10.6	1,048	9.5	1,086	9.9	1,087	10.0
District 3	3,129	9.9	2,795	9.1	2,382	8.0	2,377	8.2	2,310	8.2
District 4	4,576	8.2	4,201	7.8	3,633	6.9	3,473	6.7	3,550	7.1
District 5	2,061	9.8	2,015	9.9	1,734	8.6	1,673	8.4	1,611	8.2
District 6	1,930	10.7	1,754	9.8	1,477	8.4	1,620	9.3	1,540	8.9
District 7	2,050	8.1	1,860	8.0	1,619	7.1	1,628	7.3	1,529	7.0
Ada	4,141	8.1	3,801	7.7	3,276	6.8	3,136	6.7	3,229	7.1
Adams	55	11.9	45	10.1	40	9.3	44	10.4	52	12.5
Bannock	936	10.6	855	9.6	730	8.3	798	9.2	742	8.7
Bear Lake	80	12.2	80	13.0	55	9.0	66	10.9	73	12.1
Benewah	159	16.0	121	12.8	136	14.6	108	11.7	131	14.3
Bingham	504	10.3	472	10.0	380	8.1	418	9.0	391	8.5
Blaine	156	6.3	140	6.0	135	5.9	101	4.5	116	5.3
Boise	94	11.6	74	9.2	64	8.2	57	7.5	53	7.3
Bonner	620	12.5	478	10.2	482	10.5	440	9.8	463	10.6
Bonneville	1,102	8.6	1,103	9.0	948	8.0	949	8.1	914	8.0
Boundary	179	14.3	137	10.8	113	9.2	119	10.0	121	10.1
Butte	47	17.7	36	13.6	31	11.9	38	14.6	31	11.9
Camas	6	5.3	13	11.5	14	12.7	13	11.5	14	12.7
Canyon	2,132	8.8	1,922	8.1	1,618	7.0	1,649	7.4	1,575	7.3
Caribou	78	11.0	88	12.4	68	9.5	60	8.5	87	12.4
Cassia	234	9.3	229	9.4	214	8.9	214	9.0	205	8.7
Clark	10	12.6	4	4.7	6	7.1	5	5.9	7	8.0
Clearwater	132	14.8	124	14.0	95	10.9	101	11.5	117	13.7
Custer	69	15.6	52	12.2	46	10.7	55	12.9	48	11.5
Elmore	240	8.3	234	8.5	216	7.9	215	7.9	189	7.0
Franklin	134	9.1	104	7.3	100	7.2	126	9.2	120	8.8
Fremont	165	12.1	129	9.8	106	8.1	101	7.7	109	8.3
Gem	301	15.2	258	13.8	210	11.6	231	13.1	212	12.2
Gooding	170	10.8	200	12.8	130	8.6	133	8.8	150	9.9
Idaho	256	15.0	209	12.4	192	11.5	208	12.6	177	10.8
Jefferson	251	7.8	199	6.5	170	5.7	181	6.1	168	5.9
Jerome	243	9.9	187	7.6	174	7.1	157	6.5	164	6.9
Kootenai	2,018	11.2	1,662	9.7	1,616	9.8	1,572	9.7	1,463	9.3
Latah	304	7.5	250	6.1	200	5.0	219	5.5	216	5.5
Lemhi	149	18.3	133	16.5	111	13.8	118	14.8	103	13.1
Lewis	66	17.8	52	13.5	52	13.5	51	13.2	52	13.4
Lincoln	38	7.2	53	9.9	41	7.6	55	10.3	29	5.5
Madison	234	4.3	193	4.8	171	4.3	173	4.4	140	3.6
Minidoka	228	10.4	209	9.9	222	10.6	210	10.1	182	8.8
Nez Perce	608	14.3	546	13.4	509	12.6	507	12.5	525	13.0
Oneida	63	13.7	44	9.7	46	10.2	55	12.3	41	9.3
Owyhee	140	11.3	140	11.5	109	9.2	105	9.0	97	8.3
Payette	338	12.8	270	10.9	259	10.8	239	10.1	240	10.3
Power	88	11.1	75	9.8	67	8.7	59	7.6	55	7.2
Shoshone	246	18.1	193	14.9	190	14.7	167	13.1	202	16.1
Teton	70	5.7	47	3.8	61	5.0	46	4.0	40	3.5
Twin Falls	986	10.7	984	11.1	804	9.3	790	9.2	751	8.8
Valley	101	8.3	92	7.8	77	6.8	65	5.9	79	7.4
Washington	163	15.0	160	15.4	146	14.3	109	10.7	134	13.2

Rates are deaths per 1,000 population.

**IDAHO RESIDENT MORTALITY**  
**Age at Death**  
**2021**

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	18,334	117	28	38	223	378	569	986	2,279	3,884	4,718	5,114
District 1	3,222	14	3	4	19	36	81	139	401	703	920	902
District 2	1,366	5	-	1	9	23	33	63	163	326	371	372
District 3	3,129	17	6	8	46	67	103	178	388	717	769	830
District 4	4,576	35	10	13	53	110	122	253	536	898	1,152	1,394
District 5	2,061	19	3	5	32	35	58	112	252	412	540	593
District 6	1,930	9	2	5	21	52	92	124	277	437	472	439
District 7	2,050	18	4	2	43	55	80	117	262	391	494	584
Ada	4,141	30	9	12	50	96	117	220	453	805	1,036	1,313
Adams	55	1	-	-	1	1	1	1	11	11	20	8
Bannock	936	5	-	2	13	26	50	56	137	214	228	205
Bear Lake	80	-	1	-	-	2	1	3	7	14	28	24
Benewah	159	1	-	1	2	-	5	9	23	47	49	22
Bingham	504	1	1	1	8	18	26	44	85	108	113	99
Blaine	156	1	-	-	-	4	3	5	19	39	41	44
Boise	94	1	-	-	1	4	3	11	18	18	27	11
Bonner	620	6	1	1	2	6	10	20	89	153	184	148
Bonneville	1,102	7	2	1	21	33	48	63	144	222	259	302
Boundary	179	-	-	-	-	3	1	7	18	42	48	60
Butte	47	-	-	-	-	-	2	5	9	10	9	12
Camas	6	-	-	-	-	-	-	-	3	2	1	-
Canyon	2,132	11	4	7	37	50	81	123	267	503	502	547
Caribou	78	-	-	-	-	2	3	6	7	20	21	19
Cassia	234	1	1	1	8	8	5	7	22	51	59	71
Clark	10	-	-	-	-	-	-	-	1	4	3	2
Clearwater	132	-	-	-	1	1	3	2	18	38	37	32
Custer	69	1	-	-	1	-	2	2	18	19	17	9
Elmore	240	3	1	1	2	5	2	18	46	49	67	46
Franklin	134	1	-	1	-	2	8	2	18	34	33	35
Fremont	165	-	-	-	3	1	2	8	19	26	52	54
Gem	301	1	1	1	2	5	6	17	33	72	77	86
Gooding	170	2	-	-	3	1	5	6	24	35	45	49
Idaho	256	-	-	-	2	5	6	14	29	67	75	58
Jefferson	251	3	1	-	7	11	7	18	36	43	61	64
Jerome	243	6	1	1	1	5	10	15	42	43	62	57
Kootenai	2,018	5	2	1	13	25	56	85	239	408	571	613
Latah	304	-	-	-	3	7	5	17	30	66	94	82
Lemhi	149	-	-	-	2	4	8	6	17	29	33	50
Lewis	66	-	-	1	-	1	-	3	14	15	18	14
Lincoln	38	3	-	-	-	-	-	3	1	11	10	10
Madison	234	6	1	-	6	4	9	14	14	36	53	91
Minidoka	228	1	-	1	5	6	5	12	28	44	62	64
Nez Perce	608	5	-	-	3	9	19	27	72	140	147	186
Oneida	63	-	-	1	-	-	2	2	6	16	17	19
Owyhee	140	1	1	-	3	5	6	13	20	30	32	29
Payette	338	3	-	-	-	4	5	18	40	65	99	104
Power	88	2	-	-	-	2	-	6	8	21	23	26
Shoshone	246	2	-	1	2	2	9	18	32	53	68	59
Teton	70	1	-	1	3	2	4	6	13	12	16	12
Twin Falls	986	5	1	2	15	11	30	64	113	187	260	298
Valley	101	1	-	-	-	5	-	4	19	26	22	24
Washington	163	-	-	-	3	2	4	6	17	36	39	56

**IDAHO RESIDENT MORTALITY**  
**Sex, One Race or Multiple Race, and Ethnicity<sup>1</sup>**  
**2021**

RESIDENCE	SEX		RACE							ETHNICITY		
	Male	Female	White	Black	American Indian/ Alaska Native	Asian, Hawaiian, or Pacific Islander	Other Race	Multiple Race	Race Not Stated	Non-Hispanic	Hispanic	Ethnicity Not Stated
IDAHO	9,859	8,475	17,550	66	238	151	138	155	36	17,485	821	28
District 1	1,769	1,453	3,098	3	33	16	33	18	21	3,164	48	10
District 2	724	642	1,302	2	43	4	7	6	2	1,347	16	3
District 3	1,707	1,422	3,032	9	20	24	14	29	1	2,872	255	2
District 4	2,401	2,175	4,373	33	15	69	35	41	10	4,431	135	10
District 5	1,115	946	1,967	3	10	12	37	31	1	1,873	188	-
District 6	1,061	869	1,777	11	103	13	7	18	1	1,817	112	1
District 7	1,082	968	2,001	5	14	13	5	12	-	1,981	67	2
Ada	2,150	1,991	3,971	30	12	62	20	38	8	4,018	116	7
Adams	29	26	54	-	-	1	-	-	-	55	-	-
Bannock	499	437	845	11	50	10	4	15	1	890	46	-
Bear Lake	52	28	79	-	1	-	-	-	-	80	-	-
Benewah	89	70	142	-	14	-	1	2	-	158	1	-
Bingham	277	227	451	-	50	2	-	1	-	455	49	-
Blaine	89	67	153	-	-	1	-	2	-	152	4	-
Boise	61	33	90	-	1	1	-	1	1	92	1	1
Bonner	365	255	612	-	3	1	2	2	-	614	6	-
Bonneville	579	523	1,077	2	5	9	2	7	-	1,061	41	-
Boundary	91	88	175	-	1	-	3	-	-	175	4	-
Butte	26	21	45	-	-	-	1	1	-	46	1	-
Camas	5	1	6	-	-	-	-	-	-	6	-	-
Canyon	1,158	974	2,052	7	14	20	11	27	1	1,916	214	2
Caribou	49	29	77	-	-	-	-	1	-	77	1	-
Cassia	130	104	227	-	-	1	4	2	-	205	29	-
Clark	1	9	9	-	1	-	-	-	-	8	2	-
Clearwater	69	63	130	-	1	-	-	1	-	131	1	-
Custer	41	28	66	-	-	1	-	2	-	69	-	-
Elmore	132	108	215	2	2	5	13	2	1	223	15	2
Franklin	79	55	132	-	1	-	1	-	-	132	2	-
Fremont	87	78	158	1	2	1	1	2	-	157	7	1
Gem	164	137	296	-	2	1	1	1	-	296	5	-
Gooding	96	74	159	-	-	-	9	2	-	158	12	-
Idaho	142	114	244	2	7	-	-	2	1	253	1	2
Jefferson	143	108	248	-	2	-	-	1	-	243	8	-
Jerome	138	105	233	-	1	1	6	2	-	205	38	-
Kootenai	1,087	931	1,939	2	13	15	25	14	10	1,978	32	8
Latah	163	141	300	-	-	3	1	-	-	302	2	-
Lemhi	82	67	146	1	1	-	1	-	-	147	1	1
Lewis	46	20	59	-	5	-	1	1	-	63	3	-
Lincoln	19	19	35	-	-	-	2	1	-	35	3	-
Madison	112	122	228	1	3	2	-	-	-	227	7	-
Minidoka	120	108	219	1	2	2	4	-	-	188	40	-
Nez Perce	304	304	569	-	30	1	5	2	1	598	9	1
Oneida	34	29	63	-	-	-	-	-	-	62	1	-
Owyhee	88	52	136	-	1	1	2	-	-	127	13	-
Payette	184	154	333	-	3	1	-	1	-	322	16	-
Power	45	43	85	-	1	1	1	-	-	75	12	1
Shoshone	137	109	230	1	2	-	2	-	11	239	5	2
Teton	37	33	69	-	-	-	1	-	-	69	1	-
Twin Falls	518	468	935	2	7	7	12	22	1	924	62	-
Valley	58	43	97	1	-	1	2	-	-	98	3	-
Washington	84	79	161	2	-	-	-	-	-	156	7	-

<sup>1</sup>Race and Hispanic origin are reported separately on death certificate. Race is based on one race or multiple races reported for the decedent. Race is not comparable with bridged race in which two or more races are designated to one races. 2021 was the last year in which bridged race was available for the decedent; however, bridged race population was not available in 2021 for analysis. See technical notes for more information.



**IDAHO RESIDENT MORTALITY**  
**Leading Causes of Mortality**  
**Cause-Specific Crude and Age-Adjusted Rates<sup>1</sup>**  
**2021**

RANK FOR IDAHO AND CAUSE OF DEATH	Deaths		Crude Rate	Age-Adjusted Rate
	Number	Percent	Idaho <sup>2</sup>	Idaho <sup>2</sup>
TOTAL	18,334	100.0%	964.5	880.5
1. Diseases of heart	3,430	18.7%	180.4	166.4
2. Malignant neoplasms	3,126	17.1%	164.4	140.3
3. COVID-19	2,406	13.1%	126.6	112.3
4. Accident	1,163	6.3%	61.2	60.1
5. Chronic lower respiratory diseases	919	5.0%	48.3	42.4
6. Alzheimer's disease	789	4.3%	41.5	40.5
7. Cerebrovascular diseases	752	4.1%	39.6	36.8
8. Diabetes mellitus	541	3.0%	28.5	24.4
9. Suicide	387	2.1%	20.4	20.5
10. Chronic liver disease and cirrhosis	351	1.9%	18.5	16.6
11. Parkinson's disease	215	1.2%	11.3	10.5
12. Nephritis, nephrotic syndrome, nephrosis	170	0.9%	8.9	8.1
Essential (primary) hypertension and hypertensive				
13. renal disease	169	0.9%	8.9	8.4
14. Influenza and pneumonia	161	0.9%	8.5	7.8
15. Nutritional deficiencies	142	0.8%	7.5	7.4
All other causes	3,613	19.7%	NA	NA

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

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

<sup>2</sup>Idaho rates are based on the July 1, 2021 population estimates.

**IDAHO RESIDENT MORTALITY**  
**Leading Causes of Mortality by Sex**  
**Cause-Specific Crude and Age-Adjusted Rates<sup>1</sup>**  
**2021**

MALES				
RANK FOR IDAHO AND CAUSE OF DEATH	Deaths			
	Number	Percent	Crude Rate	Age-Adjusted Rate
TOTAL	9,859	100.0%	1,028.5	1,005.9
1. Diseases of heart	1,960	19.9%	204.5	204.5
2. Malignant neoplasms	1,668	16.9%	174.0	158.7
3. COVID-19	1,420	14.4%	148.1	141.4
4. Accident	749	7.6%	78.1	78.7
5. Chronic lower respiratory diseases	455	4.6%	47.5	45.5
6. Suicide	324	3.3%	33.8	34.0
7. Diabetes mellitus	315	3.2%	32.9	29.6
8. Cerebrovascular diseases	314	3.2%	32.8	33.1
9. Alzheimer's disease	247	2.5%	25.8	28.7
10. Chronic liver disease and cirrhosis	204	2.1%	21.3	19.4
11. Parkinson's disease	136	1.4%	14.2	14.5
12. Nephritis, nephrotic syndrome, nephrosis	88	0.9%	9.2	9.3
13. Influenza and pneumonia	79	0.8%	8.2	8.5
14. Essential hypertension & hypertensive renal disease	71	0.7%	7.4	7.5
15. Pneumonitis due to solids and liquids	63	0.6%	6.6	6.8
All other causes	1,766	17.9%	NA	NA

FEMALES				
RANK FOR IDAHO AND CAUSE OF DEATH	Deaths			
	Number	Percent	Crude Rate	Age-Adjusted Rate
TOTAL	8,475	100.0%	899.4	759.8
1. Diseases of heart	1,470	17.3%	156.0	131.6
2. Malignant neoplasms	1,458	17.2%	154.7	124.9
3. COVID-19	986	11.6%	104.6	86.2
4. Alzheimer's disease	542	6.4%	57.5	49.4
5. Chronic lower respiratory diseases	464	5.5%	49.2	39.9
6. Cerebrovascular diseases	438	5.2%	46.5	39.2
7. Accident	414	4.9%	43.9	41.1
8. Diabetes mellitus	226	2.7%	24.0	19.3
9. Chronic liver disease and cirrhosis	147	1.7%	15.6	13.9
10. Nutritional deficiencies	102	1.2%	10.8	9.4
11. Essential hypertension & hypertensive renal disease	98	1.2%	10.4	8.8
12. Influenza and pneumonia	82	1.0%	8.7	7.2
Tie Nephritis, nephrotic syndrome, nephrosis	82	1.0%	8.7	7.2
14. Parkinson's disease	79	0.9%	8.4	7.2
15. Suicide	63	0.7%	6.7	6.9
All other causes	1,824	21.5%	NA	NA

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

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

Idaho rates are based on the July 1, 2021 population estimates.

# IDAHO RESIDENT MORTALITY

## Ten Leading Causes of Mortality<sup>1</sup> by Age Group and Number of Deaths 2021

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	Unintentional injury 8	Unintentional injury 12	Unintentional injury 114	Unintentional injury 147	Unintentional injury 126	COVID-19 198	Malignant neoplasms (cancer) 516	Malignant neoplasms (cancer) 944	Malignant neoplasms (cancer) 906	Diseases of heart 1,293	Diseases of heart 3,430
2	Unintentional injury 14	(TIE) Malignant neoplasms (cancer); Congenital malformations	Suicide 10	Suicide 50	Suicide 88	COVID-19 74	Malignant neoplasms (cancer) 150	COVID-19 390	Diseases of heart 671	Diseases of heart 897	Malignant neoplasms (cancer) 526	Malignant neoplasms (cancer) 3,126
3	Affected by maternal complications 13	Influenza and pneumonia 2	(TIE) Malignant neoplasms (cancer); Congenital malformations	Diseases of heart 10	COVID-19 21	Suicide 67	Diseases of heart 142	Diseases of heart 353	COVID-19 595	COVID-19 632	COVID-19 490	COVID-19 2,406
4	Disorders related to short gestation 11		Diseases of heart 2	Assault (homicide) 7	Malignant neoplasms (cancer) 15	Chronic liver disease and cirrhosis 56	Unintentional injury 122	Unintentional injury 142	Chronic lower respiratory diseases 239	Chronic lower respiratory diseases 315	Alzheimer's disease 431	Unintentional injury 1,163
5	Respiratory distress of newborn 6			(TIE) Malignant neoplasms (cancer); COVID-19	Chronic liver disease and cirrhosis 14	Malignant neoplasms (cancer) 54	Chronic liver disease and cirrhosis 63	Chronic liver disease and cirrhosis 120	Diabetes mellitus 158	Alzheimer's disease 260	Cerebrovascular diseases 318	Chronic lower respiratory diseases 919
6	Neonatal hemorrhage 5			6	Diseases of heart 11	Diseases of heart 47	Suicide 57	Chronic lower respiratory diseases 102	Unintentional injury 138	Cerebrovascular diseases 224	Chronic lower respiratory diseases 238	Alzheimer's disease 789
7	(TIE) Diseases of the circulatory system; Hydrops fetalis not due to hemolytic			Congenital malformations 5	(TIE) Diabetes mellitus; Pregnancy, childbirth, and puerperium 7	Diabetes mellitus 11	Diabetes mellitus 31	Diabetes mellitus 94	Cerebrovascular diseases 135	Unintentional injury 156	Unintentional injury 184	Cerebrovascular diseases 752
8	3					Assault (homicide) 9	Chronic lower respiratory diseases 19	(TIE) Suicide; Cerebrovascular diseases	Alzheimer's disease 84	Diabetes mellitus 145	Diabetes mellitus 94	Diabetes mellitus 541
9	(TIE) <sup>3</sup>				Congenital malformations 5	(TIE) <sup>4</sup>	Cerebrovascular diseases 13	56	Chronic liver disease and cirrhosis 74	Parkinson's disease 101	Nutritional deficiencies 90	Suicide 387
10	2				(TIE) Assault; Legal Intervention 4		Pneumonitis due to solids and liquids 10		Septicemia 18	Nephritis 39	Essential hypertension 74	Chronic liver disease and cirrhosis 351
Residual <sup>2</sup>	24	8	6	25	55	105	181	432	807	1,025	1,376	4,470
Total	117	28	38	223	378	569	986	2,279	3,884	4,718	5,114	18,334

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

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

<sup>3</sup>Tie at rank 9 for age under 1: Congenital pneumonia; Diseases of the blood & blood-forming organs; Intrauterine hypoxia and birth asphyxia; and Sudden infant death syndrome (SIDS).

<sup>4</sup>Tie at rank 9 for age 35-44: Cerebrovascular disease; Chronic lower respiratory diseases; Influenza and Pneumonia; Septicemia; Aortic aneurysm and dissection.

# IDAHO MALE RESIDENT MORTALITY

## Ten Leading Causes of Mortality<sup>1</sup> by Age Group and Number of Deaths 2021

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	Unintentional injury 6	(TIE) Unintentional injury; Suicide 6	Unintentional injury 83	Unintentional injury 113	Unintentional injury 94	COVID-19 140	Malignant neoplasms (cancer) 264	Malignant neoplasms (cancer) 524	Diseases of heart 563	Diseases of heart 564	Diseases of heart 1,960
2	Affected by maternal complications 8	Malignant neoplasms (cancer) 3		Suicide 43	Suicide 74	Suicide 55	Diseases of heart 106	COVID-19 248	Diseases of heart 430	Malignant neoplasms (cancer) 511	Malignant neoplasms (cancer) 258	Malignant neoplasms (cancer) 1,668
3	Unintentional injury 6	Influenza and pneumonia 2	(TIE) Malignant neoplasms (cancer); Diseases of heart; Congenital malformations 2	Diseases of heart 8	COVID-19 16	COVID-19 39	Unintentional injury 83	Diseases of heart 245	COVID-19 332	COVID-19 395	COVID-19 246	COVID-19 1,420
4	Neonatal hemorrhage 5			Assault (homicide) 7	Diseases of heart 10	Chronic liver disease and cirrhosis 33	Malignant neoplasms (cancer) 75	Unintentional injury 102	Chronic lower respiratory diseases 123	Chronic lower respiratory diseases 163	Alzheimer's disease 117	Unintentional injury 749
5	Disorders related to short gestation 4			(TIE) COVID-19; Congenital malformations 4	(TIE) Malignant neoplasms (cancer); Chronic liver disease and cirrhosis 9	Diseases of heart 30	Suicide 47	Chronic liver disease and cirrhosis 72	Diabetes mellitus 97	Cerebro-vascular diseases 109	Chronic lower respiratory diseases 106	Chronic lower respiratory diseases 455
6	Respiratory distress of newborn 3					Malignant neoplasms (cancer) 19	Chronic liver disease and cirrhosis 34	Diabetes mellitus 59	Unintentional injury 93	Alzheimer's disease 99	Cerebro-vascular diseases 98	Suicide 324
7	(TIE) Hydrops fetalis not due to hemolytic disease; Sudden infant death syndrome 2			Malignant neoplasms (cancer) 3	Diabetes mellitus 5	Diabetes mellitus 8	Diabetes mellitus 23	Chronic lower respiratory diseases 51	Cerebro-vascular diseases 72	Unintentional injury 89	Unintentional injury 74	Diabetes mellitus 315
8					(TIE) Assault (homicide); Legal intervention 4	Assault (homicide) 6	Chronic lower respiratory diseases 9	Suicide 43	Chronic liver disease and cirrhosis 40	Diabetes mellitus 85	Parkinson's disease 38	Cerebro-vascular diseases 314
9						(TIE) <sup>3</sup> 3	Cerebro-vascular diseases 8	Cerebro-vascular diseases 25	Suicide 34	Parkinson's disease 68	Diabetes mellitus 37	Alzheimer's disease 247
10					Congenital malformations 3		Pneumonitis due to solids and liquids 6	Nephritis 11	Alzheimer's disease 27	Nephritis 31	Nephritis 27	Chronic liver disease and cirrhosis 204
Residual <sup>2</sup>	20	7	4	16	36	67	101	242	460	507	538	2,203
Total	62	18	22	168	283	357	632	1,362	2,232	2,620	2,103	9,859

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

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

<sup>3</sup>Tie at rank 9 for age group 35-44: Legal intervention; Influenza and Pneumonia; Pneumonitis due to solids and liquids; Aortic aneurysm and dissection; Septicemia..

# IDAHO FEMALE RESIDENT MORTALITY

## Ten Leading Causes of Mortality<sup>1</sup> by Age Group and Number of Deaths 2021

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	Congenital malformations 5	Unintentional injury 6	Unintentional injury 31	Unintentional injury 34	(TIE) Malignant neoplasms (cancer); COVID-19	Malignant neoplasms (cancer) 75	Malignant neoplasms (cancer) 252	Malignant neoplasms (cancer) 420	Malignant neoplasms (cancer) 395	Diseases of heart 729	Diseases of heart 1,470
2	Unintentional injury 8	(TIE) Malignant neoplasms (cancer); Unintentional injury	Suicide 4	Suicide 7	Suicide 14	35	COVID-19 58	COVID-19 142	COVID-19 263	Diseases of heart 334	Alzheimer's disease 314	Malignant neoplasms (cancer) 1,458
3	Disorders related to short gestation 7	2	(TIE) Congenital malformations; Malignant neoplasms (cancer) 2	Malignant neoplasms (cancer) 3	Pregnancy, childbirth, and the puerperium 7	Unintentional injury 32	Unintentional injury 39	Diseases of heart 108	Diseases of heart 241	COVID-19 237	Malignant neoplasms (cancer) 268	COVID-19 986
4	Affected by maternal complications 5			(TIE) Diseases of heart; COVID-19	Malignant neoplasms (cancer) 6	Chronic liver disease and cirrhosis 23	Diseases of heart 36	Chronic lower respiratory diseases 51	Chronic lower respiratory diseases 116	Alzheimer's disease 161	COVID-19 244	Alzheimer's disease 542
5	Respiratory distress of newborn 3			2	(TIE) COVID-19; Chronic liver disease and cirrhosis 5	Diseases of heart 17	Chronic liver disease and cirrhosis 29	Chronic liver disease and cirrhosis 48	Cerebro-vascular diseases 63	Chronic lower respiratory diseases 152	Cerebro-vascular diseases 220	Chronic lower respiratory diseases 464
6	(TIE) Congenital pneumonia; Diseases of the circulatory system					Suicide 12	(TIE) Suicide; Chronic lower respiratory diseases	Unintentional injury 40	Diabetes mellitus 61	Cerebro-vascular diseases 115	Chronic lower respiratory diseases 132	Cerebro-vascular diseases 438
7	2				(TIE) Congenital malformations; Diabetes mellitus; Cerebro-vascular diseases	(TIE) Diabetes mellitus; Assault (homicide) 3	10	Diabetes mellitus 35	Alzheimer's disease 57	Unintentional injury 67	Unintentional injury 110	Unintentional injury 414
8							Diabetes mellitus 8	Cerebro-vascular diseases 31	Unintentional injury 45	Diabetes mellitus 60	Nutritional deficiencies 75	Diabetes mellitus 226
9					2	(TIE) <sup>3</sup>	Cerebro-vascular diseases 5	Suicide 13	Chronic liver disease and cirrhosis 34	Parkinson's disease 33	Diabetes mellitus 57	Chronic liver disease and cirrhosis 147
10							Pneumonitis due to solids and liquids 4	Septicemia 9	Nephritis 23	(TIE) Nephritis; Influenza and Pneumonia 26	Essential hypertension 52	Nutritional deficiencies 102
Residual <sup>2</sup>	15	1	2	10	18	44	80	188	329	492	810	2,228
Total	55	10	16	55	95	212	354	917	1,652	2,098	3,011	8,475

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

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

<sup>3</sup>Tie at rank 9 for age 35-44: Cerebrovascular disease; Chronic lower respiratory diseases; Complications of medical and surgical care, and Pregnancy, childbirth, and the puerperium.

**YEARS OF POTENTIAL LIFE LOST BEFORE AGE 75**  
**Ten Leading Causes of Mortality Based on Premature Death<sup>1</sup>**  
**Total and by Sex**  
**2021**

RANK AND CAUSE OF DEATH	Persons Aged Less than 75 Years		Years of Potential Life Lost (YPLL) Before Age 75		
	Number of Deaths	Percent of Deaths	Total Number of YPLL	YPLL Rate <sup>2</sup>	Average Number of YPLL per Death
<b>TOTAL</b>	8,502	100.0%	136,322	7,647	16.0
1. Accident	823	9.7%	25,562	1,477	31.1
2. Malignant neoplasms	1,694	19.9%	18,676	1,079	11.0
3. COVID-19	1,284	15.1%	16,865	974	13.1
4. Diseases of heart	1,240	14.6%	14,585	843	11.8
5. Suicide	364	4.3%	12,126	701	33.3
6. Chronic liver disease and cirrhosis	327	3.8%	6,299	364	19.3
7. Certain conditions originating in perinatal period	54	0.6%	4,023	232	74.5
8. Diabetes mellitus	302	3.6%	3,490	202	11.6
9. Chronic lower respiratory diseases	366	4.3%	3,233	187	8.8
10. Congenital malformations, deformations and chromosomal abnormalities	63	0.7%	3,227	186	51.2
<b>MALES</b>	5,136	100.0%	86,830	9,600	16.9
1. Accident	586	11.4%	18,336	2,124	31.3
2. COVID-19	779	15.2%	10,665	1,235	13.7
3. Diseases of heart	833	16.2%	10,215	1,183	12.3
4. Suicide	302	5.9%	9,994	1,157	33.1
5. Malignant neoplasms	899	17.5%	9,537	1,105	10.6
6. Chronic liver disease and cirrhosis	188	3.7%	3,657	424	19.5
7. Diabetes mellitus	193	3.8%	2,375	275	12.3
8. Certain conditions originating in perinatal period	28	0.5%	2,086	242	74.5
9. Chronic lower respiratory diseases	186	3.6%	1,630	189	8.8
10. Congenital malformations, deformations and chromosomal abnormalities	29	0.6%	1,478	171	50.9
<b>FEMALES</b>	3,366	100.0%	49,492	5,635	14.7
1. Malignant neoplasms	795	23.6%	9,140	1,071	11.5
2. Accident	237	7.0%	7,226	847	30.5
3. COVID-19	505	15.0%	6,201	727	12.3
4. Diseases of heart	407	12.1%	4,371	512	10.7
5. Chronic liver disease and cirrhosis	139	4.1%	2,642	310	19.0
6. Suicide	62	1.8%	2,132	250	34.4
7. Certain conditions originating in perinatal period	26	0.8%	1,937	227	74.5
8. Congenital malformations, deformations and chromosomal abnormalities	34	1.0%	1,749	205	51.4
9. Chronic lower respiratory diseases	180	5.3%	1,603	188	8.9
10. Diabetes mellitus	109	3.2%	1,116	131	10.2

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

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

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

**IDAHO RESIDENT LIFE EXPECTANCY**  
**Age in Years by Sex**  
**2021**

EXACT AGE IN YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING ( $^{\circ}e_x$ )		
	Total	Male	Female
0	77.0	74.7	79.4
1	76.4	74.2	78.8
5	72.5	70.3	74.9
10	67.5	65.3	69.9
15	62.6	60.4	65.0
20	57.8	55.6	60.1
25	53.1	51.1	55.2
30	48.4	46.6	50.4
35	43.8	42.1	45.6
40	39.2	37.6	40.9
45	34.7	33.2	36.3
50	30.3	28.9	31.8
55	26.1	24.8	27.4
60	22.0	20.9	23.1
65	18.2	17.3	19.2
70	14.5	13.8	15.3
75	11.1	10.5	11.7
80	8.0	7.6	8.4
85	5.4	5.3	5.5

U.S. life expectancy in 2020 was 77.0 years, 74.2 years for males, and 79.9 years for females.<sup>1</sup>

**IDAHO RESIDENT LIFE EXPECTANCY AT BIRTH**  
**By District of Residence**  
**2021**

Residence	Total	Male	Female
IDAHO	77.0	74.7	79.4
District 1	75.8	73.8	78.1
District 2	75.3	73.4	77.4
District 3	75.2	73.0	77.5
District 4	77.4	75.6	79.3
District 5	75.6	73.2	78.3
District 6	73.4	70.9	76.1
District 7	75.8	74.2	77.5

**IDAHO RESIDENT LIFE EXPECTANCY AT BIRTH**  
**By Year, 2017-2021**

Year	Total	Male	Female
2017	79.2	77.2	81.3
2018	79.3	77.3	81.5
2019	79.7	77.9	81.6
2020	78.5	76.4	80.8
2021	77.0	74.7	79.4

Life expectancy at birth represents the average number of years a group of infants born in 2021 would live if the group was to experience throughout life the age-specific death rates present in 2021.

See Technical Notes for methodology.

1. "Mortality in the United States, 2020," NCHS Data Brief; No. 427, National Center for Health Statistics, December 2021.

**IDAHO RESIDENT MORTALITY**  
**Malignant Neoplasm (Cancer) Mortality by Primary Site of Cancer**  
**2021**

RESIDENCE	TOTAL	Trachea, Bronchus and Lung	Colon, Rectum, and Anus	Pancreas	Breast	Prostate	Leukemia	Non- Hodgkin's lymphoma
IDAHO	3,126	563	311	257	241	209	144	129
Rate	164.4	29.6	16.4	13.5	12.7	21.8	7.6	6.8
District 1	573	114	53	43	36	47	25	19
Rate	215.9	43.0	20.0	16.2	13.6	35.3	9.4	7.2
District 2	255	45	34	20	17	19	10	15
Rate	226.8	40.0	30.2	17.8	15.1	33.1	8.9	13.3
District 3	513	97	52	44	53	24	15	27
Rate	161.8	30.6	16.4	13.9	16.7	15.1	4.7	8.5
District 4	893	170	80	85	75	48	50	24
Rate	159.2	30.3	14.3	15.1	13.4	16.9	8.9	4.3
District 5	323	48	34	20	11	30	18	20
Rate	153.1	22.8	16.1	9.5	5.2	28.2	8.5	9.5
District 6	280	47	29	15	23	22	15	9
Rate	155.0	26.0	16.1	8.3	12.7	24.2	8.3	5.0
District 7	289	42	29	30	26	19	11	15
Rate	114.1	16.6	11.5	11.8	10.3	14.8	4.3	5.9
Ada	809	151	68	76	74	42	47	21
Adams	13	1	-	-	4	2	-	-
Bannock	113	21	10	3	12	10	7	3
Bear Lake	14	2	1	2	2	2	2	-
Benewah	25	7	1	2	3	1	1	-
Bingham	75	14	10	5	3	7	3	3
Blaine	32	3	4	1	2	1	5	2
Boise	12	3	2	2	-	-	-	-
Bonner	103	18	14	4	7	6	7	4
Bonneville	136	20	16	8	10	8	8	10
Boundary	38	9	4	-	2	4	1	3
Butte	11	2	2	-	-	-	1	1
Camas	-	-	-	-	-	-	-	-
Canyon	352	66	39	30	33	14	12	17
Caribou	14	3	2	-	1	-	-	1
Cassia	31	-	5	2	1	4	-	2
Clark	3	-	-	1	-	-	-	-
Clearwater	29	11	6	1	1	-	-	3
Custer	21	3	4	1	3	3	-	1
Elmore	49	11	7	6	-	3	2	2
Franklin	25	1	3	3	2	2	-	-
Fremont	24	4	-	7	1	2	-	3
Gem	44	6	4	5	6	2	1	5
Gooding	28	5	3	1	-	1	1	3
Idaho	58	7	7	5	5	5	-	-
Jefferson	31	4	-	3	5	4	1	-
Jerome	37	5	5	2	3	4	1	1
Kootenai	382	74	30	35	22	34	16	12
Latah	51	9	3	4	4	3	3	4
Lemhi	29	5	5	5	1	1	-	-
Lewis	13	4	1	-	-	1	1	2
Lincoln	5	1	-	1	-	1	-	-
Madison	23	2	1	3	3	1	2	1
Minidoka	37	5	6	3	1	3	2	2
Nez Perce	104	14	17	10	7	10	6	6
Oneida	12	2	1	1	2	-	-	-
Owyhee	18	3	2	4	1	-	1	-
Payette	62	14	5	3	7	5	1	3
Power	16	2	-	1	1	1	2	1
Shoshone	25	6	4	2	2	2	-	-
Teton	22	4	3	2	3	-	-	-
Twin Falls	153	29	11	10	4	16	9	10
Valley	23	5	3	1	1	3	1	1
Washington	24	7	2	2	2	1	-	2

Rates are deaths per 100,000 population. Breast cancer Includes males and females. For data on 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 Primary Site of Cancer**  
**2021**

RESIDENCE	Liver and Intrahepatic Bile Ducts	Bladder	Meninges, Brain*	Esophagus	Ovary	Multiple Myeloma	Kidney and Renal Pelvis	All other malignant neoplasms
IDAHO	109	102	94	92	81	71	71	652
Rate	5.7	5.4	4.9	4.8	8.6	3.7	3.7	34.3
District 1	21	16	13	19	15	7	17	128
Rate	7.9	6.0	4.9	7.2	11.3	2.6	6.4	48.2
District 2	7	10	7	7	5	4	4	51
Rate	6.2	8.9	6.2	6.2	9.1	3.6	3.6	45.4
District 3	14	14	14	14	11	13	11	110
Rate	4.4	4.4	4.4	4.4	7.0	4.1	3.5	34.7
District 4	30	31	26	33	23	27	25	166
Rate	5.3	5.5	4.6	5.9	8.3	4.8	4.5	29.6
District 5	11	10	8	8	10	9	3	83
Rate	5.2	4.7	3.8	3.8	9.6	4.3	1.4	39.3
District 6	15	12	11	7	9	3	5	58
Rate	8.3	6.6	6.1	3.9	10.0	1.7	2.8	32.1
District 7	11	9	15	4	8	8	6	56
Rate	4.3	3.6	5.9	1.6	6.4	3.2	2.4	22.1
Ada	29	26	23	31	20	23	25	153
Adams	-	-	1	1	1	-	-	3
Bannock	10	1	6	-	2	1	-	27
Bear Lake	2	1	-	-	-	-	-	-
Benewah	1	2	-	2	-	1	-	4
Bingham	-	7	1	5	4	-	3	10
Blaine	2	-	1	2	3	-	-	6
Boise	1	1	-	-	-	2	-	1
Bonner	4	3	2	4	2	-	7	21
Bonneville	4	3	11	3	1	4	4	26
Boundary	1	1	1	1	2	1	1	7
Butte	1	1	-	-	1	-	1	1
Camas	-	-	-	-	-	-	-	-
Canyon	9	10	12	12	7	10	9	72
Caribou	1	1	-	1	-	1	-	3
Cassia	2	1	2	-	-	1	-	11
Clark	-	-	-	-	-	1	-	1
Clearwater	1	1	-	1	-	-	-	4
Custer	1	1	1	-	-	1	-	2
Elmore	-	2	2	2	3	1	-	8
Franklin	1	-	2	-	1	1	1	8
Fremont	-	1	1	1	1	-	1	2
Gem	2	1	-	-	1	-	-	11
Gooding	-	1	1	1	-	-	1	10
Idaho	3	2	1	3	1	-	-	19
Jefferson	2	2	1	-	1	1	-	7
Jerome	1	1	-	1	1	-	1	11
Kootenai	13	10	10	11	11	5	8	91
Latah	1	1	1	3	2	1	1	11
Lemhi	2	1	-	-	2	1	1	5
Lewis	-	1	1	-	-	-	-	2
Lincoln	-	-	-	-	-	-	1	1
Madison	1	-	1	-	3	-	-	5
Minidoka	2	2	-	-	1	-	-	10
Nez Perce	2	5	4	-	2	3	3	15
Oneida	-	1	1	-	-	-	-	4
Owyhee	1	1	-	-	1	1	1	2
Payette	1	2	-	1	1	1	1	17
Power	-	-	1	1	1	-	-	5
Shoshone	2	-	-	1	-	-	1	5
Teton	1	1	-	-	-	-	-	8
Twin Falls	4	5	4	4	5	8	-	34
Valley	-	2	1	-	-	1	-	4
Washington	1	-	1	-	-	1	-	5

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 Primary Site of Cancer**  
**2021**

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	1,668	289	209	167	132	1,458	274	235	144	125
Rate	174.0	30.1	21.8	17.4	13.8	154.7	29.1	24.9	15.3	13.3
District 1	320	58	47	29	24	253	56	35	24	19
Rate	240.6	43.6	35.3	21.8	18.0	191.1	42.3	26.4	18.1	14.4
District 2	138	18	19	13	8	117	27	17	21	12
Rate	240.4	31.4	33.1	22.7	13.9	212.6	49.1	30.9	38.2	21.8
District 3	273	56	24	31	23	240	41	53	21	21
Rate	171.8	35.2	15.1	19.5	14.5	151.7	25.9	33.5	13.3	13.3
District 4	445	82	48	41	42	448	88	72	39	43
Rate	157.0	28.9	16.9	14.5	14.8	161.3	31.7	25.9	14.0	15.5
District 5	176	25	30	17	13	147	23	11	17	7
Rate	165.5	23.5	28.2	16.0	12.2	140.5	22.0	10.5	16.2	6.7
District 6	162	32	22	16	8	118	15	23	13	7
Rate	178.3	35.2	24.2	17.6	8.8	131.4	16.7	25.6	14.5	7.8
District 7	154	18	19	20	14	135	24	24	9	16
Rate	119.7	14.0	14.8	15.5	10.9	108.4	19.3	19.3	7.2	12.8
Ada	398	73	42	33	35	411	78	71	35	41
Adams	6	-	2	-	-	7	1	4	-	-
Bannock	58	13	10	3	-	55	8	12	7	3
Bear Lake	9	2	2	1	1	5	-	2	-	1
Benewah	13	3	1	-	1	12	4	3	1	1
Bingham	45	8	7	7	4	30	6	3	3	1
Blaine	12	2	1	2	-	20	1	2	2	1
Boise	7	2	-	1	1	5	1	-	1	1
Bonner	62	13	6	8	1	41	5	7	6	3
Bonneville	74	9	8	10	3	62	11	9	6	5
Boundary	20	7	4	1	-	18	2	2	3	-
Butte	6	1	-	1	-	5	1	-	1	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	187	41	14	20	16	165	25	33	19	14
Caribou	11	3	-	1	-	3	-	1	1	-
Cassia	17	-	4	-	1	14	-	1	5	1
Clark	-	-	-	-	-	3	-	-	-	1
Clearwater	11	2	-	2	-	18	9	1	4	1
Custer	15	2	3	4	1	6	1	3	-	-
Elmore	28	6	3	5	5	21	5	-	2	1
Franklin	15	1	2	2	2	10	-	2	1	1
Fremont	14	2	2	-	4	10	2	1	-	3
Gem	24	2	2	4	3	20	4	6	-	2
Gooding	16	1	1	1	1	12	4	-	2	-
Idaho	32	2	5	4	3	26	5	5	3	2
Jefferson	15	1	4	-	-	16	3	5	-	3
Jerome	21	2	4	3	1	16	3	3	2	1
Kootenai	208	32	34	17	20	174	42	21	13	15
Latah	26	3	3	-	2	25	6	4	3	2
Lemhi	16	2	1	4	3	13	3	1	1	2
Lewis	12	3	1	1	-	1	1	-	-	-
Lincoln	3	1	1	-	-	2	-	-	-	1
Madison	9	-	1	1	2	14	2	3	-	1
Minidoka	24	4	3	4	2	13	1	1	2	1
Nez Perce	57	8	10	6	3	47	6	7	11	7
Oneida	8	2	-	1	-	4	-	2	-	1
Owyhee	9	-	-	2	2	9	3	1	-	2
Payette	33	10	5	4	-	29	4	7	1	3
Power	10	2	1	-	1	6	-	1	-	-
Shoshone	17	3	2	3	2	8	3	2	1	-
Teton	11	2	-	1	1	11	2	2	2	1
Twin Falls	83	15	16	7	8	70	14	4	4	2
Valley	12	1	3	2	1	11	4	1	1	-
Washington	14	3	1	1	2	10	4	2	1	-

Sex-specific rates are deaths per 100,000 population for each sex.

**IDAHO RESIDENT MORTALITY**  
**Primary Site of Malignant Neoplasm (Cancer) by Sex**  
**2021**

SITE OF MALIGNANT NEOPLASM (ICD-10 code)	TOTAL	Male	Female
<b>TOTAL</b>	<b>3,126</b>	<b>1,668</b>	<b>1,458</b>
Lip, Oral Cavity, and Pharynx (C00-C14)	58	39	19
Lip (C00)	1	1	-
Tongue (C01-C02)	26	17	9
Pharynx (C10-C13, C14.0)	12	8	4
Other/unspecified sites within the lip, oral cavity, and pharynx (C03-C09, C14.2-C14.8)	19	13	6
Digestive Organs (C15-C26)	854	501	353
Esophagus (C15)	92	79	13
Stomach (C16)	43	29	14
Small intestine (C17)	10	4	6
Colon (C18)	216	116	100
Rectosigmoid junction and rectum (C19-C20)	85	47	38
Anus and anal canal (C21)	10	4	6
Liver (C22.0, C22.2-C22.9)	80	57	23
Intrahepatic bile ducts (C22.1)	29	15	14
Gallbladder and extrahepatic bile ducts (C23-C24)	12	5	7
Pancreas (C25)	257	132	125
Other/ill-defined digestive organs (C26)	20	13	7
Respiratory & Intrathoracic Organs (C30-C39)	592	309	283
Nasal cavity and middle ear and accessory sinuses (C30-C31)	5	4	1
Larynx (C32)	20	13	7
Trachea (C33)	-	-	-
Bronchus and lung (C34)	563	289	274
Thymus, heart, mediastinum, and pleura (C37-C38)	4	3	1
Other/ill-defined sites in the respiratory system and intrathoracic organs (C39)	-	-	-
Bone and Articular Cartilage (C40-C41)	10	8	2
Melanoma and Other Malignant Neoplasm of Skin (C43-C44)	92	65	27
Melanoma of skin (C43)	63	45	18
Other malignant neoplasms of skin (C44)	29	20	9
Mesothelial and Soft Tissue (C45-C49)	35	18	17
Mesothelioma (C45)	9	8	1
Kaposi's sarcoma (C46)	-	-	-
Other mesothelial and soft tissue (C47-C49)	26	10	16
Breast (C50)	241	6	235
Female Genital Organs (C51-C58)	157	-	157
Vulva and vagina (C51-C52)	10	-	10
Cervix uteri (C53)	18	-	18
Corpus uteri and uterus, part unspecified (C54-C55)	44	-	44
Ovary (C56)	81	-	81
Other/unspecified female genital organs (C57)	4	-	4
Placenta (C58)	-	-	-
Male Genital Organs (C60-C63)	214	214	-
Prostate (C61)	209	209	-
Testis (C62)	4	4	-
Penis and other/unspecified male genital organs (C60, C63)	1	1	-
Urinary Organs (C64-C68)	180	129	51
Kidney and renal pelvis (C64-C65)	71	48	23
Bladder (C67)	102	78	24
Other/unspecified sites within the urinary tract (C66, C68)	7	3	4
Eye and Adexa (C69)	-	-	-
Meninges, Brain, and Other Parts of Central Nervous System (C70-C72)	94	55	39
Brain (C71)	92	53	39
Other parts of central nervous system (C70, C72)	2	2	-
Thyroid and Other Endocrine Glands (C73-C75)	17	9	8

**IDAHO RESIDENT MORTALITY**  
**Primary Site of Malignant Neoplasm (Cancer) by Sex (continued)**  
**2021**

SITE OF MALIGNANT NEOPLASM (ICD-10 code)	TOTAL	Male	Female
Lymphatic and Hematopoietic Tissues (C81-C96)	349	191	158
Hodgkin's disease (C81)	5	4	1
Non-Hodgkin's lymphoma (C82-C85)	129	65	64
Immunoproliferative diseases (C88)	5	1	4
Multiple myeloma and malignant plasma cell neoplasms (C90)	66	32	34
Lymphoid leukemia (C91)	44	27	17
Myeloid leukemia (C92)	85	55	30
Monocytic leukemia (C93)	1	-	1
Other/unspecified leukemia (C94-C95)	14	7	7
Other/unspecified lymphoid, hematopoietic and related issues (C86, C96)	-	-	-
Other/Unspecified Sites (C76-C80, C97)	233	124	109

# IDAHO RESIDENT MORTALITY

## Leading Causes of Mortality

### 2021

RESIDENCE	TOTAL DEATHS	Diseases of heart	Malignant neoplasms	COVID-19	Accident	Chronic lower respiratory diseases
IDAHO	18,334	3,430	3,126	2,406	1,163	919
Rate	964.5	180.4	164.4	126.6	61.2	48.3
District 1	3,222	565	573	536	164	173
Rate	1,214.1	212.9	215.9	202.0	61.8	65.2
District 2	1,366	243	255	146	95	83
Rate	1,215.1	216.2	226.8	129.9	84.5	73.8
District 3	3,129	612	513	474	187	152
Rate	986.7	193.0	161.8	149.5	59.0	47.9
District 4	4,576	828	893	507	279	201
Rate	815.6	147.6	159.2	90.4	49.7	35.8
District 5	2,061	365	323	267	152	124
Rate	976.9	173.0	153.1	126.6	72.0	58.8
District 6	1,930	374	280	271	111	90
Rate	1,068.2	207.0	155.0	150.0	61.4	49.8
District 7	2,050	443	289	205	175	96
Rate	809.5	174.9	114.1	80.9	69.1	37.9
Ada	4,141	734	809	447	248	176
Adams	55	8	13	9	7	2
Bannock	936	175	113	127	54	56
Bear Lake	80	18	14	12	4	-
Benewah	159	24	25	23	10	16
Bingham	504	104	75	75	38	17
Blaine	156	21	32	11	14	4
Boise	94	22	12	8	10	6
Bonner	620	108	103	120	32	35
Bonneville	1,102	225	136	114	98	67
Boundary	179	27	38	41	5	12
Butte	47	8	11	6	2	2
Camas	6	2	-	1	2	-
Canyon	2,132	392	352	334	135	96
Caribou	78	14	14	15	1	2
Cassia	234	46	31	25	22	14
Clark	10	1	3	-	-	-
Clearwater	132	24	29	16	4	8
Custer	69	10	21	8	3	-
Elmore	240	48	49	43	12	14
Franklin	134	29	25	16	7	4
Fremont	165	47	24	8	11	7
Gem	301	83	44	37	15	16
Gooding	170	43	28	26	10	9
Idaho	256	47	58	31	19	14
Jefferson	251	52	31	37	27	11
Jerome	243	51	37	39	20	11
Kootenai	2,018	352	382	310	104	94
Latah	304	65	51	29	26	15
Lemhi	149	43	29	13	8	3
Lewis	66	11	13	12	3	8
Lincoln	38	8	5	6	2	1
Madison	234	57	23	20	19	8
Minidoka	228	34	37	29	12	12
Nez Perce	608	96	104	58	43	38
Oneida	63	15	12	8	2	3
Owyhee	140	28	18	19	11	10
Payette	338	70	62	47	12	16
Power	88	11	16	12	3	6
Shoshone	246	54	25	42	13	16
Teton	70	8	22	5	9	-
Twin Falls	986	160	153	130	70	73
Valley	101	24	23	9	9	5
Washington	163	31	24	28	7	12

Rates are deaths per 100,000 population.

**IDAHO RESIDENT MORTALITY**  
**Leading Causes of Mortality (continued)**  
**2021**

RESIDENCE	Alzheimer's disease	Cerebrovascular diseases	Diabetes mellitus	Suicide	Chronic liver disease and cirrhosis	Parkinson's disease
IDAHO	789	752	541	387	351	215
Rate	41.5	39.6	28.5	20.4	18.5	11.3
District 1	87	137	94	46	60	32
Rate	32.8	51.6	35.4	17.3	22.6	12.1
District 2	56	56	52	29	30	9
Rate	49.8	49.8	46.3	25.8	26.7	8.0
District 3	139	133	79	58	39	37
Rate	43.8	41.9	24.9	18.3	12.3	11.7
District 4	239	190	118	109	91	80
Rate	42.6	33.9	21.0	19.4	16.2	14.3
District 5	94	88	69	48	41	16
Rate	44.6	41.7	32.7	22.8	19.4	7.6
District 6	88	79	76	46	48	9
Rate	48.7	43.7	42.1	25.5	26.6	5.0
District 7	86	69	53	51	42	32
Rate	34.0	27.2	20.9	20.1	16.6	12.6
Ada	227	180	107	96	85	75
Adams	1	3	2	2	-	1
Bannock	53	45	32	24	21	6
Bear Lake	1	7	7	-	1	-
Benewah	6	6	1	1	6	1
Bingham	20	10	23	14	14	1
Blaine	4	8	3	7	5	1
Boise	3	2	2	9	2	1
Bonner	16	21	17	13	14	4
Bonneville	38	31	34	25	24	16
Boundary	9	9	4	1	1	1
Butte	-	-	1	1	1	-
Camas	-	-	-	-	-	-
Canyon	106	91	54	39	29	29
Caribou	4	1	4	4	3	-
Cassia	7	12	12	8	5	1
Clark	1	1	1	-	-	2
Clearwater	6	11	2	3	1	-
Custer	1	3	-	2	1	1
Elmore	6	7	7	3	1	4
Franklin	2	6	6	-	3	-
Fremont	15	13	3	3	-	2
Gem	11	15	6	6	4	3
Gooding	6	7	1	4	2	1
Idaho	8	4	7	7	7	-
Jefferson	7	9	6	8	6	3
Jerome	5	10	14	4	5	2
Kootenai	55	97	65	24	35	23
Latah	19	9	11	7	7	2
Lemhi	4	4	1	3	6	2
Lewis	1	2	-	3	2	-
Lincoln	1	3	1	-	-	1
Madison	18	8	6	6	2	5
Minidoka	5	9	16	2	2	2
Nez Perce	22	30	32	9	13	7
Oneida	2	6	-	1	2	1
Owyhee	9	3	2	4	3	-
Payette	10	16	8	6	2	4
Power	6	4	3	2	3	1
Shoshone	1	4	7	7	4	3
Teton	2	-	2	4	3	1
Twin Falls	66	39	22	23	22	8
Valley	3	1	2	1	3	-
Washington	2	5	7	1	1	-

Rates are deaths per 100,000 population.

**IDAHO RESIDENT MORTALITY**  
**113 Selected Causes of Mortality by Sex and Age Group**  
**2021**

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	18,334	117	28	9	29	83	140	378	569	986	2,279	3,884	4,718	5,114
		F	8,475	55	10	4	12	24	31	95	212	354	917	1,652	2,098	3,011
		M	9,859	62	18	5	17	59	109	283	357	632	1,362	2,232	2,620	2,103
# Salmonella infections	A01-A02	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Shigellosis and amebiasis	A03, A06	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Certain other intestinal infections	A04, A07-A09	T	33	-	-	-	1	-	-	-	-	2	4	11	10	5
		F	21	-	-	-	-	-	-	-	-	1	3	6	8	3
		M	12	-	-	-	1	-	-	-	-	1	1	5	2	2
# Enterocolitis due to <i>Clostridium difficile</i>	A04.7	T	13	-	-	-	-	-	-	-	-	1	2	2	5	3
		F	8	-	-	-	-	-	-	-	-	1	1	1	4	1
		M	5	-	-	-	-	-	-	-	-	-	1	1	1	2
# Tuberculosis	A16-A19	T	2	-	-	-	-	-	-	-	-	-	-	-	1	1
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		M	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Respiratory tuberculosis	A16	T	1	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	-	1	-
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	121	-	-	-	-	-	-	1	4	5	18	24	38	31
		F	62	-	-	-	-	-	-	1	1	2	9	13	20	16
		M	59	-	-	-	-	-	-	-	3	3	9	11	18	15
# 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), 2021**

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	19	-	-	-	-	-	-	-	1	1	6	7	3	1
		F	5	-	-	-	-	-	-	-	-	-	3	1	1	-
		M	14	-	-	-	-	-	-	-	1	1	3	6	2	1
# Human immunodeficiency virus (HIV) disease	B20-B24	T	6	-	-	-	-	-	-	-	1	-	3	-	2	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	6	-	-	-	-	-	-	-	1	-	3	-	2	-
# Malaria	B50-B54	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unspecified infectious and parasitic diseases and their sequelae	See footnote 1	T	55	1	2	-	1	-	-	1	1	3	5	20	9	12
		F	15	1	-	-	-	-	-	-	1	2	2	3	3	3
		M	40	-	2	-	1	-	-	1	-	1	3	17	6	9
West Nile Fever	A92.3	T	3	-	-	-	-	-	-	-	-	-	-	1	1	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	-	-	-	-	-	-	-	1	1	1
# Malignant neoplasms (cancer)	C00-C97	T	3,126	-	5	1	3	3	3	15	54	150	516	944	906	526
		F	1,458	-	2	1	1	1	2	6	35	75	252	420	395	268
		M	1,668	-	3	-	2	2	1	9	19	75	264	524	511	258
Lip, oral cavity and pharynx	C00-C14	T	58	-	-	-	-	-	-	-	1	3	14	21	13	6
		F	19	-	-	-	-	-	-	-	1	1	5	5	4	3
		M	39	-	-	-	-	-	-	-	-	2	9	16	9	3
Esophagus	C15	T	92	-	-	-	-	-	-	-	1	2	23	35	23	8
		F	13	-	-	-	-	-	-	-	-	1	3	2	4	3
		M	79	-	-	-	-	-	-	-	1	1	20	33	19	5
Stomach	C16	T	43	-	-	-	-	-	-	1	3	9	7	6	14	3
		F	14	-	-	-	-	-	-	-	3	1	1	3	4	2
		M	29	-	-	-	-	-	-	1	-	8	6	3	10	1
Colon, rectum and anus	C18-C21	T	311	-	-	-	-	-	-	2	6	29	57	75	86	56
		F	144	-	-	-	-	-	-	-	3	12	23	32	37	37
		M	167	-	-	-	-	-	-	2	3	17	34	43	49	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), 2021**

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	109	-	-	1	-	-	-	-	2	3	22	45	25	11
		F	37	-	-	1	-	-	-	-	1	1	7	15	6	6
		M	72	-	-	-	-	-	-	-	1	2	15	30	19	5
Pancreas	C25	T	257	-	-	-	-	-	-	-	6	7	50	90	77	27
		F	125	-	-	-	-	-	-	-	3	1	31	43	33	14
		M	132	-	-	-	-	-	-	-	3	6	19	47	44	13
Larynx	C32	T	20	-	-	-	-	-	-	-	-	2	9	3	5	1
		F	7	-	-	-	-	-	-	-	-	1	3	2	1	-
		M	13	-	-	-	-	-	-	-	-	1	6	1	4	1
Trachea, bronchus and lung	C33-C34	T	563	-	-	-	-	-	-	-	-	18	99	193	171	82
		F	274	-	-	-	-	-	-	-	-	8	49	89	84	44
		M	289	-	-	-	-	-	-	-	-	10	50	104	87	38
Malignant melanoma of skin	C43	T	63	-	-	-	-	-	-	1	4	1	8	25	16	8
		F	18	-	-	-	-	-	-	-	3	-	3	4	5	3
		M	45	-	-	-	-	-	-	1	1	1	5	21	11	5
Breast	C50	T	241	-	-	-	-	-	-	2	8	19	47	64	59	42
		F	235	-	-	-	-	-	-	2	7	19	46	62	57	42
		M	6	-	-	-	-	-	-	-	1	-	1	2	2	-
Cervix uteri	C53	T	18	-	-	-	-	-	-	-	3	7	2	2	1	3
		F	18	-	-	-	-	-	-	-	3	7	2	2	1	3
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corpus uteri and uterus, part unspecified	C54-C55	T	44	-	-	-	-	-	-	-	-	3	7	18	8	8
		F	44	-	-	-	-	-	-	-	-	3	7	18	8	8
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ovary	C56	T	81	-	-	-	-	-	-	-	3	3	19	23	21	12
		F	81	-	-	-	-	-	-	-	3	3	19	23	21	12
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prostate	C61	T	209	-	-	-	-	-	-	-	-	-	18	53	76	62
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	209	-	-	-	-	-	-	-	-	-	18	53	76	62
Kidney and renal pelvis	C64-C65	T	71	-	-	-	-	-	-	-	-	4	15	18	20	14
		F	23	-	-	-	-	-	-	-	-	1	2	8	7	5
		M	48	-	-	-	-	-	-	-	-	3	13	10	13	9
Bladder	C67	T	102	-	-	-	-	-	-	-	-	-	10	28	31	33
		F	24	-	-	-	-	-	-	-	-	-	4	6	5	9
		M	78	-	-	-	-	-	-	-	-	-	6	22	26	24
Meninges, brain and other parts of central nervous system	C70-C72	T	94	-	4	-	2	-	-	2	5	13	17	28	15	8
		F	39	-	2	-	-	-	-	1	2	3	11	10	6	4
		M	55	-	2	-	2	-	-	1	3	10	6	18	9	4

# 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), 2021**

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	349	-	-	-	-	2	1	2	2	13	34	101	132	62
		F	158	-	-	-	-	-	-	1	1	6	12	43	59	36
		M	191	-	-	-	-	2	1	1	1	7	22	58	73	26
Hodgkin's disease	C81	T	5	-	-	-	-	-	1	-	-	-	1	2	1	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		M	4	-	-	-	-	-	1	-	-	-	-	2	1	-
Non-Hodgkin's lymphoma	C82-C85	T	129	-	-	-	-	-	-	-	-	7	11	37	53	21
		F	64	-	-	-	-	-	-	-	-	1	4	21	24	14
		M	65	-	-	-	-	-	-	-	-	6	7	16	29	7
Leukemia	C91-C95	T	144	-	-	-	-	2	-	2	2	3	18	38	51	28
		F	55	-	-	-	-	-	-	1	1	3	5	13	18	14
		M	89	-	-	-	-	2	-	1	1	-	13	25	33	14
Multiple myeloma and immunoproliferative neoplasms	C88, C90	T	71	-	-	-	-	-	-	-	-	3	4	24	27	13
		F	38	-	-	-	-	-	-	-	-	2	2	9	17	8
		M	33	-	-	-	-	-	-	-	-	1	2	15	10	5
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other & unspecified malignant neoplasms	See footnote 1	T	401	-	1	-	1	1	2	5	10	14	58	116	113	80
		F	185	-	-	-	1	1	2	2	5	7	24	53	53	37
		M	216	-	1	-	-	-	-	3	5	7	34	63	60	43
# In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	T	83	1	-	-	-	1	-	1	-	4	6	10	31	29
		F	36	1	-	-	-	1	-	-	-	1	1	2	14	16
		M	47	-	-	-	-	-	-	1	-	3	5	8	17	13
# Anemias	D50-D64	T	31	1	-	-	-	-	-	1	1	-	3	8	7	10
		F	20	1	-	-	-	-	-	-	-	-	2	6	3	8
		M	11	-	-	-	-	-	-	1	1	-	1	2	4	2
# Diabetes mellitus	E10-E14	T	541	-	-	-	-	-	1	7	11	31	94	158	145	94
		F	226	-	-	-	-	-	-	2	3	8	35	61	60	57
		M	315	-	-	-	-	-	1	5	8	23	59	97	85	37
# Nutritional deficiencies	E40-E64	T	142	-	-	-	-	-	-	-	-	-	9	7	36	90
		F	102	-	-	-	-	-	-	-	-	-	4	6	17	75
		M	40	-	-	-	-	-	-	-	-	-	5	1	19	15
Malnutrition	E40-E46	T	136	-	-	-	-	-	-	-	-	-	9	7	30	90
		F	101	-	-	-	-	-	-	-	-	-	4	6	16	75
		M	35	-	-	-	-	-	-	-	-	-	5	1	14	15
Other nutritional deficiencies	E50-E64	T	6	-	-	-	-	-	-	-	-	-	-	-	6	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-
		M	5	-	-	-	-	-	-	-	-	-	-	-	5	-

# 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), 2021**

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	1	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	-	1	-
# Parkinson's disease	G20-G21	T	215	-	-	-	-	-	-	-	-	1	5	36	101	72
		F	79	-	-	-	-	-	-	-	-	1	1	10	33	34
		M	136	-	-	-	-	-	-	-	-	-	4	26	68	38
# Alzheimer's disease	G30	T	789	-	-	-	-	-	-	-	-	2	12	84	260	431
		F	542	-	-	-	-	-	-	-	-	2	8	57	161	314
		M	247	-	-	-	-	-	-	-	-	-	4	27	99	117
Major cardiovascular diseases	I00-I78	T	4,488	3	1	1	1	2	8	14	56	163	435	865	1,206	1,733
		F	2,067	2	-	-	-	1	1	3	20	44	150	325	495	1,026
		M	2,421	1	1	1	1	1	7	11	36	119	285	540	711	707
# Diseases of heart	I00-I09, I11, I13, I20-I51	T	3,430	3	1	1	1	2	8	11	47	142	353	671	897	1,293
		F	1,470	2	-	-	-	1	1	1	17	36	108	241	334	729
		M	1,960	1	1	1	1	1	7	10	30	106	245	430	563	564
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	T	37	-	-	-	-	-	-	-	-	1	1	5	6	24
		F	26	-	-	-	-	-	-	-	-	1	1	4	3	17
		M	11	-	-	-	-	-	-	-	-	-	-	1	3	7
Hypertensive heart disease	I11	T	283	-	-	-	-	-	1	1	2	11	18	31	64	155
		F	150	-	-	-	-	-	-	-	2	2	2	13	26	105
		M	133	-	-	-	-	-	1	1	-	9	16	18	38	50
Hypertensive heart and renal disease	I13	T	69	-	-	-	-	-	-	-	-	2	1	6	20	40
		F	44	-	-	-	-	-	-	-	-	1	1	3	11	28
		M	25	-	-	-	-	-	-	-	-	1	-	3	9	12
Ischemic heart diseases	I20-I25	T	1,808	-	-	-	-	-	1	2	22	85	246	458	476	518
		F	626	-	-	-	-	-	-	-	6	21	64	146	148	241
		M	1,182	-	-	-	-	-	1	2	16	64	182	312	328	277
Acute myocardial infarction	I21-I22	T	844	-	-	-	-	-	-	-	15	60	170	262	200	137
		F	286	-	-	-	-	-	-	-	4	15	46	79	68	74
		M	558	-	-	-	-	-	-	-	11	45	124	183	132	63
Other acute ischemic heart diseases	I24	T	41	-	-	-	-	-	-	-	1	2	3	13	11	11
		F	21	-	-	-	-	-	-	-	-	-	1	7	5	8
		M	20	-	-	-	-	-	-	-	1	2	2	6	6	3
Other forms of chronic ischemic heart disease	I20, I25	T	923	-	-	-	-	-	1	2	6	23	73	183	265	370
		F	319	-	-	-	-	-	-	-	2	6	17	60	75	159
		M	604	-	-	-	-	-	1	2	4	17	56	123	190	211
Atherosclerotic cardiovascular disease, so described	I25.0	T	96	-	-	-	-	-	-	1	1	8	20	28	21	17
		F	28	-	-	-	-	-	-	-	-	3	4	6	7	8
		M	68	-	-	-	-	-	-	1	1	5	16	22	14	9

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**IDAHO RESIDENT MORTALITY**  
**113 Selected Causes of Mortality by Sex and Age Group (continued), 2021**

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	827	-	-	-	-	-	1	1	5	15	53	155	244	353
		F	291	-	-	-	-	-	-	-	2	3	13	54	68	151
		M	536	-	-	-	-	-	1	1	3	12	40	101	176	202
Other heart diseases	I26-I51	T	1,233	3	1	1	1	2	6	8	23	43	87	171	331	556
		F	624	2	-	-	-	1	1	1	9	11	40	75	146	338
		M	609	1	1	1	1	1	5	7	14	32	47	96	185	218
Acute and subacute endocarditis	I33	T	13	-	-	-	-	-	-	-	-	2	2	4	4	1
		F	4	-	-	-	-	-	-	-	-	-	1	1	2	-
		M	9	-	-	-	-	-	-	-	-	2	1	3	2	1
Diseases of pericardium and acute myocarditis	I30-I31, I40	T	7	-	-	1	-	-	1	-	-	-	1	1	2	1
		F	3	-	-	-	-	-	-	-	-	-	-	1	2	-
		M	4	-	-	1	-	-	1	-	-	-	1	-	-	1
Heart failure	I50	T	415	1	-	-	-	-	1	-	3	9	19	45	110	227
		F	234	-	-	-	-	-	-	-	1	2	10	20	58	143
		M	181	1	-	-	-	-	1	-	2	7	9	25	52	84
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	T	798	2	1	-	1	2	4	8	20	32	65	121	215	327
		F	383	2	-	-	-	1	1	1	8	9	29	53	84	195
		M	415	-	1	-	1	1	3	7	12	23	36	68	131	132
# Essential hypertension and hypertensive renal disease	I10, I12, I15	T	169	-	-	-	-	-	-	-	1	6	11	29	48	74
		F	98	-	-	-	-	-	-	-	-	3	5	14	24	52
		M	71	-	-	-	-	-	-	-	1	3	6	15	24	22
# Cerebrovascular diseases	I60-I69	T	752	-	-	-	-	-	-	2	4	13	56	135	224	318
		F	438	-	-	-	-	-	-	2	2	5	31	63	115	220
		M	314	-	-	-	-	-	-	-	2	8	25	72	109	98
# Atherosclerosis	I70	T	10	-	-	-	-	-	-	-	-	-	1	-	4	5
		F	5	-	-	-	-	-	-	-	-	-	-	-	3	2
		M	5	-	-	-	-	-	-	-	-	-	1	-	1	3
Other diseases of circulatory system	I71-I78	T	127	-	-	-	-	-	-	1	4	2	14	30	33	43
		F	56	-	-	-	-	-	-	-	1	-	6	7	19	23
		M	71	-	-	-	-	-	-	1	3	2	8	23	14	20
# Aortic aneurysm and dissection	I71	T	74	-	-	-	-	-	-	1	4	2	11	14	21	21
		F	29	-	-	-	-	-	-	-	1	-	4	3	9	12
		M	45	-	-	-	-	-	-	1	3	2	7	11	12	9
Other diseases of arteries, arterioles and capillaries	I72-I78	T	53	-	-	-	-	-	-	-	-	-	3	16	12	22
		F	27	-	-	-	-	-	-	-	-	-	2	4	10	11
		M	26	-	-	-	-	-	-	-	-	-	1	12	2	11
Other disorders of circulatory system	I80-I99	T	47	-	-	-	-	1	-	2	5	4	7	13	8	7
		F	23	-	-	-	-	-	-	1	3	1	3	7	3	5
		M	24	-	-	-	-	1	-	1	2	3	4	6	5	2

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**IDAHO RESIDENT MORTALITY**  
**113 Selected Causes of Mortality by Sex and Age Group (continued), 2021**

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	161	-	2	-	-	-	-	1	4	6	10	36	45	57
		F	82	-	-	-	-	-	-	-	1	1	7	15	26	32
		M	79	-	2	-	-	-	-	1	3	5	3	21	19	25
Influenza	J09-J11	T	3	-	-	-	-	-	-	-	-	-	1	-	-	2
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	-	-	-	-	-	-	1	-	-	2
Pneumonia	J12-J18	T	158	-	2	-	-	-	-	1	4	6	9	36	45	55
		F	82	-	-	-	-	-	-	-	1	1	7	15	26	32
		M	76	-	2	-	-	-	-	1	3	5	2	21	19	23
Other acute lower respiratory infections	J20-J22, U04	T	1	1	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	1	-	-	-	-	-	-	-	-	-	-	-	-
# Acute bronchitis and bronchiolitis	J20-J21	T	1	1	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Other and unspecified acute lower respiratory infections	J22, U04	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Chronic lower respiratory diseases	J40-J47	T	919	-	-	1	-	-	-	1	4	19	102	239	315	238
		F	464	-	-	1	-	-	-	-	2	10	51	116	152	132
		M	455	-	-	-	-	-	-	1	2	9	51	123	163	106
Bronchitis, chronic and unspecified	J40-J42	T	2	-	-	-	-	-	-	-	1	-	-	1	-	-
		F	2	-	-	-	-	-	-	-	1	-	-	1	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Emphysema	J43	T	51	-	-	-	-	-	-	-	-	-	5	13	20	13
		F	26	-	-	-	-	-	-	-	-	-	3	8	11	4
		M	25	-	-	-	-	-	-	-	-	-	2	5	9	9
Asthma	J45-J46	T	16	-	-	1	-	-	-	1	1	2	2	3	5	1
		F	11	-	-	1	-	-	-	-	1	-	1	3	4	1
		M	5	-	-	-	-	-	-	1	-	2	1	-	1	-
Other chronic lower respiratory diseases	J44, J47	T	850	-	-	-	-	-	-	-	2	17	95	222	290	224
		F	425	-	-	-	-	-	-	-	-	10	47	104	137	127
		M	425	-	-	-	-	-	-	-	2	7	48	118	153	97
# Pneumoconiosis and chemical effects	J60-J66, J68	T	15	-	-	-	-	-	-	-	-	-	-	3	9	3
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-
		M	14	-	-	-	-	-	-	-	-	-	-	3	8	3
# Pneumonitis due to solids and liquids	J69	T	108	-	-	-	-	-	-	1	3	10	11	20	29	34
		F	45	-	-	-	-	-	-	-	-	4	4	9	11	17
		M	63	-	-	-	-	-	-	1	3	6	7	11	18	17

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**IDAHO RESIDENT MORTALITY**  
**113 Selected Causes of Mortality by Sex and Age Group (continued), 2021**

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	244	-	-	-	-	-	-	2	5	6	23	64	68	76
		F	107	-	-	-	-	-	-	-	4	3	7	27	24	42
		M	137	-	-	-	-	-	-	2	1	3	16	37	44	34
# Peptic ulcer	K25-K28	T	25	-	-	-	-	-	-	-	-	1	6	5	5	8
		F	11	-	-	-	-	-	-	-	-	-	2	2	3	4
		M	14	-	-	-	-	-	-	-	-	1	4	3	2	4
# Diseases of appendix	K35-K38	T	2	-	-	-	-	-	-	-	-	1	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	-	-	-	1	-	1	-	-
# Hernia	K40-K46	T	21	-	-	-	1	-	-	-	-	-	3	4	8	5
		F	9	-	-	-	-	-	-	-	-	-	-	-	6	3
		M	12	-	-	-	1	-	-	-	-	-	3	4	2	2
# Chronic liver disease and cirrhosis	K70, K73-K74	T	351	-	-	-	-	-	-	14	56	63	120	74	19	5
		F	147	-	-	-	-	-	-	5	23	29	48	34	6	2
		M	204	-	-	-	-	-	-	9	33	34	72	40	13	3
Alcoholic liver disease	K70	T	277	-	-	-	-	-	-	12	50	54	100	51	8	2
		F	110	-	-	-	-	-	-	5	20	25	38	19	2	1
		M	167	-	-	-	-	-	-	7	30	29	62	32	6	1
Other chronic liver disease and cirrhosis	K73-K74	T	74	-	-	-	-	-	-	2	6	9	20	23	11	3
		F	37	-	-	-	-	-	-	-	3	4	10	15	4	1
		M	37	-	-	-	-	-	-	2	3	5	10	8	7	2
# Cholelithiasis and other disorders of gallbladder	K80-K82	T	25	-	-	-	-	-	-	-	-	1	-	4	8	12
		F	14	-	-	-	-	-	-	-	-	-	-	2	5	7
		M	11	-	-	-	-	-	-	-	-	1	-	2	3	5
# Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27	T	170	1	-	-	-	-	-	1	2	5	13	39	57	52
		F	82	1	-	-	-	-	-	1	1	3	2	23	26	25
		M	88	-	-	-	-	-	-	-	1	2	11	16	31	27
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01, N04	T	6	-	-	-	-	-	-	-	-	1	-	-	4	1
		F	4	-	-	-	-	-	-	-	-	1	-	-	3	-
		M	2	-	-	-	-	-	-	-	-	-	-	-	1	1
Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic, and renal sclerosis unspecified	N02-N03, N05-N07, N26	T	3	-	-	-	-	-	-	-	-	-	1	2	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	2	-	-
		M	1	-	-	-	-	-	-	-	-	-	1	-	-	-
Renal failure	N17-N19	T	161	1	-	-	-	-	-	1	2	4	12	37	53	51
		F	76	1	-	-	-	-	-	1	1	2	2	21	23	25
		M	85	-	-	-	-	-	-	-	1	2	10	16	30	26
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), 2021**

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	9	-	-	-	-	-	-	-	-	1	-	3	4	1
		F	6	-	-	-	-	-	-	-	-	1	-	3	2	-
		M	3	-	-	-	-	-	-	-	-	-	-	-	2	1
# Hyperplasia of prostate	N40	T	4	-	-	-	-	-	-	-	-	-	-	-	4	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	4	-	-	-	-	-	-	-	-	-	-	-	4	-
# Inflammatory diseases of female pelvic organs	N70-N76	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Pregnancy, childbirth and the puerperium	O00-O99	T	9	-	-	-	-	-	-	7	2	-	-	-	-	-
		F	9	-	-	-	-	-	-	7	2	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pregnancy with abortive outcome	O00-O07	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other complications of pregnancy, childbirth and the puerperium	O10-O95, O98-O99	T	5	-	-	-	-	-	-	4	1	-	-	-	-	-
		F	5	-	-	-	-	-	-	4	1	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maternal causes more than 42 days but less than one year after delivery or death from sequelae of direct obstetric causes	O96-O97	T	4	-	-	-	-	-	-	3	1	-	-	-	-	-
		F	4	-	-	-	-	-	-	3	1	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Certain conditions originating in the perinatal period	P00-P96	T	54	54	-	-	-	-	-	-	-	-	-	-	-	-
		F	26	26	-	-	-	-	-	-	-	-	-	-	-	-
		M	28	28	-	-	-	-	-	-	-	-	-	-	-	-
# Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	T	71	25	5	-	4	2	3	5	-	6	6	7	5	3
		F	37	13	5	-	2	-	1	2	-	3	5	3	1	2
		M	34	12	-	-	2	2	2	3	-	3	1	4	4	1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	T	168	11	1	1	1	1	4	3	5	5	6	14	20	96
		F	93	2	-	1	-	-	1	1	-	1	2	6	11	68
		M	75	9	1	-	1	1	3	2	5	4	4	8	9	28
Sudden infant death syndrome	R95	T	2	2	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R53, R55-R94, R96-R99	T	166	9	1	1	1	1	4	3	5	5	6	14	20	96
		F	93	2	-	1	-	-	1	1	-	1	2	6	11	68
		M	73	7	1	-	1	1	3	2	5	4	4	8	9	28
# COVID-19	U071	T	2,406	-	-	-	-	-	6	21	74	198	390	595	632	490
		F	986	-	-	-	-	-	2	5	35	58	142	263	237	244
		M	1,420	-	-	-	-	-	4	16	39	140	248	332	395	246
All other diseases (residual)	All other A00-N99	T	2,184	3	2	-	-	6	5	31	59	102	248	396	538	794
		F	1,172	-	1	-	-	3	2	10	26	45	114	178	299	494
		M	1,012	3	1	-	-	3	3	21	33	57	134	218	239	300

**IDAHO RESIDENT MORTALITY**  
**113 Selected Causes of Mortality by Sex and Age Group (continued), 2021**

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	1,163	14	8	5	7	42	72	147	126	122	142	138	156	184
		F	414	8	2	1	5	14	17	34	32	39	40	45	67	110
		M	749	6	6	4	2	28	55	113	94	83	102	93	89	74
Transport accidents	V01-V99, Y85	T	335	2	4	4	4	28	39	61	36	46	41	38	23	9
		F	82	1	1	-	2	12	9	12	5	11	11	7	6	5
		M	253	1	3	4	2	16	30	49	31	35	30	31	17	4
Motor vehicle accidents	See footnote 1	T	314	2	4	4	4	28	39	57	32	42	36	34	23	9
		F	80	1	1	-	2	12	9	12	5	10	10	7	6	5
		M	234	1	3	4	2	16	30	45	27	32	26	27	17	4
Other land transport accidents	See footnote 2	T	2	-	-	-	-	-	-	1	-	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	-	1	-	-	-	1	-	-
Water, air and space, other and unspecified transport accidents and their sequelae	V90-V99, Y85	T	19	-	-	-	-	-	-	3	4	4	5	3	-	-
		F	2	-	-	-	-	-	-	-	-	1	1	-	-	-
		M	17	-	-	-	-	-	-	3	4	3	4	3	-	-
Nontransport accidents	W00-X59, Y86	T	828	12	4	1	3	14	33	86	90	76	101	100	133	175
		F	332	7	1	1	3	2	8	22	27	28	29	38	61	105
		M	496	5	3	-	-	12	25	64	63	48	72	62	72	70
Falls	W00-W19	T	320	-	-	-	-	1	-	1	2	5	12	41	103	155
		F	164	-	-	-	-	-	-	-	-	2	3	14	48	97
		M	156	-	-	-	-	1	-	1	2	3	9	27	55	58
Accidental discharge of firearms	W32-W34	T	5	-	1	-	-	1	-	1	1	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	5	-	1	-	-	1	-	1	1	-	-	1	-	-
Accidental drowning and submersion	W65-W74	T	33	1	3	1	-	3	6	2	1	3	5	5	2	1
		F	12	1	1	1	-	2	2	-	-	-	-	3	2	-
		M	21	-	2	-	-	1	4	2	1	3	5	2	-	1
Accidental exposure to smoke, fire and flames	X00-X09	T	25	-	-	-	-	-	2	1	2	3	5	5	3	4
		F	9	-	-	-	-	-	-	1	1	2	2	1	1	1
		M	16	-	-	-	-	-	2	-	1	1	3	4	2	3
Accidental poisoning and exposure to noxious substances	X40-X49	T	326	-	-	-	-	6	23	73	74	57	67	22	3	1
		F	100	-	-	-	-	-	5	18	25	23	20	8	1	-
		M	226	-	-	-	-	6	18	55	49	34	47	14	2	1
Other and unspecified nontransport accidents and their sequelae	W20-W31, W34-W64, W75-W99, X10-X39, X50-X59, Y86	T	119	11	-	-	3	3	2	8	10	8	12	26	22	14
		F	47	6	-	-	3	-	1	3	1	1	4	12	9	7
		M	72	5	-	-	-	3	1	5	9	7	8	14	13	7

# 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.



**IDAHO RESIDENT MORTALITY**  
**113 Selected Causes of Mortality by Sex and Age Group (continued), 2021**

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	387	-	-	-	10	24	26	88	67	57	56	36	15	8
		F	63	-	-	-	4	4	3	14	12	10	13	2	1	-
		M	324	-	-	-	6	20	23	74	55	47	43	34	14	8
Discharge of firearms	X72-X74	T	262	-	-	-	4	13	19	55	39	40	41	29	14	8
		F	29	-	-	-	-	-	2	9	5	5	7	-	1	-
		M	233	-	-	-	4	13	17	46	34	35	34	29	13	8
Other and unspecified means and their sequelae	U03, X60-X71, X75-X84, Y87.0	T	125	-	-	-	6	11	7	33	28	17	15	7	1	-
		F	34	-	-	-	4	4	1	5	7	5	6	2	-	-
		M	91	-	-	-	2	7	6	28	21	12	9	5	1	-
# Assault (homicide)	U01-U02, X85- Y09, Y87.1	T	41	1	1	-	-	1	6	4	9	6	6	4	3	-
		F	9	-	-	-	-	-	-	-	3	3	1	1	1	-
		M	32	1	1	-	-	1	6	4	6	3	5	3	2	-
Discharge of firearms	U01.4, X93- X95	T	28	-	-	-	-	1	4	4	7	6	4	2	-	-
		F	7	-	-	-	-	-	-	-	2	3	1	1	-	-
		M	21	-	-	-	-	1	4	4	5	3	3	1	-	-
Other and unspecified means and their sequelae	See footnote 1	T	13	1	1	-	-	-	2	-	2	-	2	2	3	-
		F	2	-	-	-	-	-	-	-	1	-	-	-	1	-
		M	11	1	1	-	-	-	2	-	1	-	2	2	2	-
# Legal intervention	Y35, Y89.0	T	11	-	-	-	-	-	-	4	3	2	1	-	-	1
		F	1	-	-	-	-	-	-	-	-	1	-	-	-	-
		M	10	-	-	-	-	-	-	4	3	1	1	-	-	1
Events of undetermined intent	Y10-Y34, Y87.2, Y89.9	T	45	1	-	-	-	-	5	6	14	7	7	3	2	-
		F	21	-	-	-	-	-	1	3	6	5	3	1	2	-
		M	24	1	-	-	-	-	4	3	8	2	4	2	-	-
Discharge of firearms	Y22-Y24	T	3	-	-	-	-	-	1	-	1	1	-	-	-	-
		F	2	-	-	-	-	-	-	-	1	1	-	-	-	-
		M	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25- Y34, Y87.2, Y89.9	T	42	1	-	-	-	-	4	6	13	6	7	3	2	-
		F	19	-	-	-	-	-	1	3	5	4	3	1	2	-
		M	23	1	-	-	-	-	3	3	8	2	4	2	-	-
Poisoning and exposure to noxious substances	Y10-Y19	T	29	-	-	-	-	-	1	5	9	4	5	3	2	-
		F	15	-	-	-	-	-	-	3	4	3	2	1	2	-
		M	14	-	-	-	-	-	1	2	5	1	3	2	-	-
# Operations of war and their sequelae <sup>2</sup>	Y36, Y89.1	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Complications of medical and surgical care	Y40-Y84, Y88	T	41	-	1	-	-	-	1	-	2	2	6	12	12	5
		F	19	-	-	-	-	-	1	-	2	1	3	5	4	3
		M	22	-	1	-	-	-	-	-	-	1	3	7	8	2

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

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

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

**IDAHO RESIDENT MORTALITY**  
**Accidental (Unintentional Injury) Mortality by Cause of Accident, Age Group, and Sex**  
**2021**

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	1,163	14	8	5	7	42	72	147	126	122	142	138	156	184
		F	414	8	2	1	5	14	17	34	32	39	40	45	67	110
		M	749	6	6	4	2	28	55	113	94	83	102	93	89	74
Total Transport accidents	V01-V99, Y85	T	335	2	4	4	4	28	39	61	36	46	41	38	23	9
		F	82	1	1	-	2	12	9	12	5	11	11	7	6	5
		M	253	1	3	4	2	16	30	49	31	35	30	31	17	4
Total motor vehicle accidents	See footnote 1	T	314	2	4	4	4	28	39	57	32	42	36	34	23	9
		F	80	1	1	-	2	12	9	12	5	10	10	7	6	5
		M	234	1	3	4	2	16	30	45	27	32	26	27	17	4
Pedestrian involved in collision with motor vehicle	V02-V04	T	19	-	1	-	1	-	1	4	2	4	-	4	-	2
		F	5	-	1	-	-	-	-	1	-	2	-	-	-	1
		M	14	-	-	-	1	-	1	3	2	2	-	4	-	1
Pedal cyclist involved in collision with motor vehicle	V12-V14, V19.0-V19.2, V19.4-V19.6	T	4	-	-	-	-	-	-	-	-	1	1	2	-	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		M	3	-	-	-	-	-	-	-	-	1	-	2	-	-
Motorcyclist involved in any accident except collision with railway train	V20-V24, V26-V29	T	34	-	-	-	-	2	-	5	7	10	5	4	1	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		M	33	-	-	-	-	2	-	5	7	10	4	4	1	-
Motorcyclist involved in collision with railway train	V25	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Occupant of three-wheeled motor vehicle, except collision with railway train	V30-V34, V36-V39	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Occupant of three-wheeled motor vehicle involved in collision with railway train	V35	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Occupant of motor vehicle involved in collision with railway train	See footnote 2	T	1	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	1	-	-
Occupant of motor vehicle involved in collision with other object	See footnote 3	T	17	-	-	-	-	3	2	4	1	1	1	1	4	-
		F	6	-	-	-	-	2	-	2	1	-	-	1	-	-
		M	11	-	-	-	-	1	2	2	-	1	1	-	4	-
Occupant of motor vehicle involved in collision with other motor vehicle	V42-V44, V49, V52-V54, V59	T	83	2	1	1	-	11	15	10	4	11	15	7	3	3
		F	37	1	-	-	-	6	6	4	1	5	7	2	3	2
		M	46	1	1	1	-	5	9	6	3	6	8	5	-	1
Occupant of heavy transport vehicle or bus involved in collision with other motor vehicle	V62-V64, V69, V72-V74, V79	T	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Occupant of motor vehicle involved in noncollision accident	V48, V58, V68, V78	T	68	-	-	-	1	8	13	16	10	3	4	8	3	2
		F	14	-	-	-	1	4	3	-	1	-	1	1	2	1
		M	54	-	-	-	-	4	10	16	9	3	3	7	1	1

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

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

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

**IDAHO RESIDENT MORTALITY**  
**Accidental (Unintentional Injury) Mortality by Cause of Accident, Age Group, and Sex (continued)**  
**2021**

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	2	-	-	-	-	-	-	-	1	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	-	-	1	-	-	1	-	-
Occupant of special construction vehicle	V85	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Occupant or rider of special all-terrain or motor vehicle designed for off-road use <sup>1</sup>	V86	T	28	-	2	2	1	-	3	6	2	3	5	1	2	1
		F	2	-	-	-	-	-	-	1	1	-	-	-	-	-
		M	26	-	2	2	1	-	3	5	1	3	5	1	2	1
ATV, UTV or 4-wheeled vehicle	V86 (Subset)	T	26	-	2	2	1	-	3	5	2	3	4	1	2	1
		F	2	-	-	-	-	-	-	1	1	-	-	-	-	-
		M	24	-	2	2	1	-	3	4	1	3	4	1	2	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 vehicle including golf cart or unspecified all-terrain vehicle	V86 (Subset)	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unspecified motor vehicle accident	See footnote 2	T	56	-	-	1	1	4	5	12	5	9	5	5	9	-
		F	13	-	-	-	1	-	-	4	1	3	-	3	1	-
		M	43	-	-	1	-	4	5	8	4	6	5	2	8	-
Pedestrian injury with other or unspecified motor vehicle accident	V09.0, V09.2	T	7	-	-	-	-	-	1	3	-	1	-	-	2	-
		F	2	-	-	-	-	-	-	2	-	-	-	-	-	-
		M	5	-	-	-	-	-	1	1	-	1	-	-	2	-
Animal rider or occupant of animal-drawn vehicle in collision with motor vehicle or other or unspecified motor vehicle	V80.3-V80.5	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other and unspecified motor vehicle accident	Residual See footnote 2	T	49	-	-	1	1	4	4	9	5	8	5	5	7	-
		F	11	-	-	-	1	-	-	2	1	3	-	3	1	-
		M	38	-	-	1	-	4	4	7	4	5	5	2	6	-
Total Other land transport accidents	See footnote 3	T	2	-	-	-	-	-	-	1	-	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		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)**  
**2021**

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Person injured in other specified transport accidents	V87.9, V88.3	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Person injured in unspecified nonmotor-vehicle accident	V89.1, V89.3	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Person injured in unspecified vehicle accident	V89.9	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99, Y85	T	19	-	-	-	-	-	-	3	4	4	5	3	-	-
		F	2	-	-	-	-	-	-	-	-	1	1	-	-	-
		M	17	-	-	-	-	-	-	3	4	3	4	3	-	-
Water transport accidents	V90-V94	T	6	-	-	-	-	-	-	1	-	1	2	2	-	-
		F	2	-	-	-	-	-	-	-	-	1	1	-	-	-
		M	4	-	-	-	-	-	-	1	-	-	1	2	-	-
Air and space transport accidents	V95-V97	T	7	-	-	-	-	-	-	2	4	-	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	7	-	-	-	-	-	-	2	4	-	1	-	-	-
Other and unspecified transport accidents and their sequelae	V98-V99, Y85	T	6	-	-	-	-	-	-	-	-	3	2	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	6	-	-	-	-	-	-	-	-	3	2	1	-	-
Total Non-Transport accidents	W00-X59, Y86	T	828	12	4	1	3	14	33	86	90	76	101	100	133	175
		F	332	7	1	1	3	2	8	22	27	28	29	38	61	105
		M	496	5	3	-	-	12	25	64	63	48	72	62	72	70
Accidental falls	W00-W19	T	320	-	-	-	-	1	-	1	2	5	12	41	103	155
		F	164	-	-	-	-	-	-	-	-	2	3	14	48	97
		M	156	-	-	-	-	1	-	1	2	3	9	27	55	58

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

**IDAHO RESIDENT MORTALITY**  
**Accidental (Unintentional Injury) Mortality by Cause of Accident, Age Group, and Sex (continued)**  
**2021**

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	-	-	1	-	1	1	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	5	-	1	-	-	1	-	1	1	-	-	1	-	-
Accidental explosion	W39-W40	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidental drowning and submersion	W65-W74	T	33	1	3	1	-	3	6	2	1	3	5	5	2	1
		F	12	1	1	1	-	2	2	-	-	-	-	3	2	-
		M	21	-	2	-	-	1	4	2	1	3	5	2	-	1
Accidental inhalation and ingestion of food or other object	W78-W80	T	35	-	-	-	-	-	-	-	1	1	1	15	9	8
		F	19	-	-	-	-	-	-	-	-	1	-	9	5	4
		M	16	-	-	-	-	-	-	-	1	-	1	6	4	4
Other accidental and unspecified threats to breathing	W75-W77, W81-W84	T	27	11	-	-	1	-	-	2	5	1	2	2	3	-
		F	10	6	-	-	1	-	-	1	-	-	2	-	-	-
		M	17	5	-	-	-	-	-	1	5	1	-	2	3	-
Accidental exposure to electric current	W85-W87	T	3	-	-	-	-	-	-	-	1	-	-	2	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	-	-	-	-	1	-	-	2	-	-
Accidental exposure to radiation	W88-W91	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidental exposure to smoke, fire, flames	X00-X09	T	25	-	-	-	-	-	2	1	2	3	5	5	3	4
		F	9	-	-	-	-	-	-	1	1	2	2	1	1	1
		M	16	-	-	-	-	-	2	-	1	1	3	4	2	3
Accidental contact with heat and hot substances	X10-X19	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lightning	X33	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Earthquake	X34	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volcanic eruption	X35	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Avalanche, landslide, other earth movements	X36	T	5	-	-	-	-	2	-	1	-	2	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	5	-	-	-	-	2	-	1	-	2	-	-	-	-
Cataclysmic storm and flood	X37-X38	T	1	-	-	-	-	-	-	1	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	1	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidental poisoning and exposure to noxious substances	X40-X49	T	326	-	-	-	-	6	23	73	74	57	67	22	3	1
		F	100	-	-	-	-	-	5	18	25	23	20	8	1	-
		M	226	-	-	-	-	6	18	55	49	34	47	14	2	1

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

**IDAHO RESIDENT MORTALITY**  
**Accidental (Unintentional Injury) Mortality by Cause of Accident, Age Group, and Sex (continued)**  
**2021**

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	300	-	-	-	-	6	22	68	68	53	61	19	3	-
		F	97	-	-	-	-	-	5	18	24	22	20	7	1	-
		M	203	-	-	-	-	6	17	50	44	31	41	12	2	-
Accidental poisoning by other and unspecified solid or liquid substances	X45-X46, X48-X49	T	16	-	-	-	-	-	1	3	3	2	6	1	-	-
		F	1	-	-	-	-	-	-	-	-	1	-	-	-	-
		M	15	-	-	-	-	-	1	3	3	1	6	1	-	-
Accidental poisoning by and exposure to other gases and vapors	X47	T	10	-	-	-	-	-	-	2	3	2	-	2	-	1
		F	2	-	-	-	-	-	-	-	1	-	-	1	-	-
		M	8	-	-	-	-	-	-	2	2	2	-	1	-	1
All other and unspecified accidents and their sequelae <sup>1</sup>	See footnote 1	T	48	-	-	-	2	1	2	4	3	4	9	7	10	6
		F	17	-	-	-	2	-	1	1	1	-	2	3	4	3
		M	31	-	-	-	-	1	1	3	2	4	7	4	6	3
Struck by thrown, projected, or falling object	W20	T	9	-	-	-	-	1	1	1	-	2	2	2	-	-
		F	1	-	-	-	-	-	1	-	-	-	-	-	-	-
		M	8	-	-	-	-	1	-	1	-	2	2	2	-	-
Striking against or struck by other objects	W22	T	1	-	-	-	1	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	1	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contact with agricultural machinery	W30	T	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	1	-	-	-
Contact with other and unspecified machinery	W31	T	2	-	-	-	-	-	1	-	-	-	-	-	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	1	-	-	-	-	-	1	-
Explosion and rupture of pressurized tire, pipe, or hose	W37	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	-	-
Exposure to excessive natural heat	X30	T	6	-	-	-	-	-	-	2	1	1	-	-	1	1
		F	1	-	-	-	-	-	-	-	1	-	-	-	-	-
		M	5	-	-	-	-	-	-	2	-	1	-	-	1	1
Exposure to excessive natural cold	X31	T	7	-	-	-	-	-	-	-	-	-	4	-	2	1
		F	2	-	-	-	-	-	-	-	-	-	1	-	-	1
		M	5	-	-	-	-	-	-	-	-	-	3	-	2	-
Exposure to other specified factors	X58	T	2	-	-	-	1	-	-	-	-	1	-	-	-	-
		F	1	-	-	-	1	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	1	-	-	-	-
Exposure to unspecified factor	X59	T	12	-	-	-	-	-	-	1	1	-	1	2	4	3
		F	7	-	-	-	-	-	-	1	-	-	-	1	3	2
		M	5	-	-	-	-	-	-	-	1	-	1	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)**  
**2021**

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 +
Sequelae of other accidents	Y86	T	6	-	-	-	-	-	-	-	1	-	1	2	1	1
		F	4	-	-	-	-	-	-	-	-	-	1	2	1	-
		M	2	-	-	-	-	-	-	-	1	-	-	-	-	1

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

# IDAHO RESIDENT MORTALITY

## Ten Leading Causes of Injury Mortality<sup>1</sup> by Manner and Age Group, Five-Year Aggregate, 2017-2021

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 31	Accident Motor Vehicle 17	Accident Motor Vehicle 34	Accident Motor Vehicle 272	Accident Poisoning 269	Accident Poisoning 267	Accident Poisoning 252	Accident Poisoning 234	Accident Fall 182	Accident Fall 373	Accident Fall 658	Accident Fall 1,357
2	Assault Non-firearm 8	Accident Drowning 10	Suicide Suffocation 21	Suicide Firearm 191	Suicide Firearm 202	Accident Motor Vehicle 184	Suicide Firearm 182	Suicide Firearm 201	Accident Motor Vehicle 152	Suicide Firearm 109	Accident Suffocation 55	Accident Motor Vehicle 1,330
3	Accident Motor Vehicle 3	(TIE) Accident Suffocation; Accident Fire 5	Suicide Firearm 12	Accident Poisoning 105	Accident Motor Vehicle 184	Suicide Firearm 181	Accident Motor Vehicle 168	Accident Motor Vehicle 169	Suicide Firearm 133	Accident Motor Vehicle 97	Accident Motor Vehicle 50	Suicide Firearm 1,256
4			Assault Firearm 7	Suicide Suffocation 81	Suicide Suffocation 101	Suicide Suffocation 84	Suicide Suffocation 68	Accident Fall 78	Accident Poisoning 85	Accident Suffocation 58	Suicide Firearm 45	Accident Poisoning 1,239
5		Assault Non-firearm 4	(TIE) Accident Drowning; Accident Suffocation 5	Accident Drowning 32	Suicide Poisoning 37	Suicide Poisoning 43	Suicide Poisoning 40	Suicide Poisoning 45	Accident Suffocation 39	Surgical Complications 47	Surgical Complications 29	Suicide Suffocation 410
6				Assault Firearm 22	Assault Firearm 24	Assault Firearm 28	Accident Fall 31	Suicide Suffocation 34	Surgical Complications 37	Accident unspecified injury 21	Accident unspecified injury 21	Accident Suffocation 262
7	Accident Assault/Legal Intervention Suicide		Late Effects 3	Suicide Poisoning 20	Undetermined Intent Poisoning 15	Undetermined Intent Poisoning 20	Assault Firearm 26	Accident Suffocation 30	Suicide Poisoning 33	Accident Poisoning 16	Late Effects 10	Suicide Poisoning 225
8			(TIE) Accident Fire; Accident Water Transport; Accident Air Transport; Accident Fall; Accident Fire 2	Assault Non-firearm 9	Accident Drowning 14	Accident Fall 17	Undetermined Intent Poisoning 18	Surgical Complications 19	Accident Fire 16	Accident Fire 16	Accident Poisoning 9	Surgical Complications 161
9				Accident Firearm 8	Legal Intervention Firearm 13	Accident Drowning 16	Accident Environmental Exposure 17	(TIE) Accident Environmental Exposure; Accident Drowning 17	Late Effects 15	Late Effects 13	Accident Environmental Exposure 7	Assault Firearm 131
10				Accident Fall 6	(TIE) <sup>3</sup> 10	Accident Suffocation 11	(TIE) Accident Suffocation; Surgical complication 14		Accident Struck by object 14	Accident Drowning 12	Accident Fire 6	Accident Drowning 130
Residual <sup>2</sup>	6	8	15	45	64	109	117	123	109	64	25	880
Total	48	49	110	791	953	960	947	967	815	826	915	7,381

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.

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

<sup>3</sup>Tie at rank 10 for age 25-34: Assault Non-firearm; Accident Fall; and Accident Suffocation.



**IDAHO RESIDENT MORTALITY**  
**Accidental (Unintentional Injury) Mortality by Type of Accident**  
**2021**

RESIDENCE	TOTAL	Discharge of firearms	Drowning and submersion	Falls	Motor vehicle	Poisoning and exposure to noxious substances <sup>1</sup>		Suffocation <sup>3</sup>	All other accidents
						Total	Drugs <sup>2</sup>		
IDAHO	1,163	5	33	320	314	326	300	62	103
District 1	164	-	7	61	34	42	41	6	14
District 2	95	-	-	30	23	24	22	2	16
District 3	187	2	6	44	61	46	44	14	14
District 4	279	1	9	81	56	95	85	13	24
District 5	152	1	5	44	49	31	27	10	12
District 6	111	-	1	22	33	34	31	9	12
District 7	175	1	5	38	58	54	50	8	11
Ada	248	1	8	73	45	87	78	13	21
Adams	7	-	-	2	1	-	-	-	4
Bannock	54	-	-	11	14	17	17	7	5
Bear Lake	4	-	1	1	-	-	-	1	1
Benewah	10	-	1	2	4	1	1	2	-
Bingham	38	-	-	8	14	13	11	1	2
Blaine	14	-	1	6	3	2	2	2	-
Boise	10	-	1	1	6	2	1	-	-
Bonner	32	-	3	13	5	4	3	1	6
Bonneville	98	-	1	21	28	38	35	5	5
Boundary	5	-	-	3	1	-	-	-	1
Butte	2	-	-	-	1	1	1	-	-
Camas	2	-	1	-	1	-	-	-	-
Canyon	135	-	5	26	47	37	36	13	7
Caribou	1	-	-	1	-	-	-	-	-
Cassia	22	-	-	2	9	5	5	3	3
Clark	-	-	-	-	-	-	-	-	-
Clearwater	4	-	-	1	2	-	-	-	1
Custer	3	-	-	-	2	1	1	-	-
Elmore	12	-	-	4	4	4	4	-	-
Franklin	7	-	-	1	3	1	-	-	2
Fremont	11	1	-	4	4	2	2	-	-
Gem	15	1	-	7	2	4	3	-	1
Gooding	10	-	-	7	2	1	1	-	-
Idaho	19	-	-	5	7	4	4	-	3
Jefferson	27	-	1	5	10	5	4	2	4
Jerome	20	-	1	5	9	4	2	1	-
Kootenai	104	-	2	40	21	33	33	2	6
Latah	26	-	-	11	5	5	3	1	4
Lemhi	8	-	1	1	3	2	2	-	1
Lewis	3	-	-	1	1	-	-	-	1
Lincoln	2	-	-	1	-	-	-	-	1
Madison	19	-	2	6	5	4	4	1	1
Minidoka	12	-	1	2	5	2	1	-	2
Nez Perce	43	-	-	12	8	15	15	1	7
Oneida	2	-	-	-	-	1	1	-	1
Owyhee	11	1	1	-	7	1	1	-	1
Payette	12	-	-	7	1	3	3	1	-
Power	3	-	-	-	1	1	1	-	1
Shoshone	13	-	1	3	3	4	4	1	1
Teton	9	-	-	1	6	2	2	-	-
Twin Falls	70	1	1	21	20	17	16	4	6
Valley	9	-	-	3	1	2	2	-	3
Washington	7	-	-	2	3	1	1	-	1

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

<sup>3</sup>Suffocation includes mechanical suffocation and suffocation due to choking on food or object.

**IDAHO RESIDENT MORTALITY**  
**Accidental (Unintentional Injury) Mortality by Place of Injury**  
**2021**

TYPE OF ACCIDENTAL (UNINTENTIONAL INJURY) DEATH	TOTAL	PLACE OF INJURY <sup>1</sup>				
		Home	Street or highway	Other public place	Residential or public institution	Not stated
<b>TOTAL</b>	<b>1,163</b>	<b>561</b>	<b>250</b>	<b>131</b>	<b>108</b>	<b>113</b>
Motor Vehicle Total	314	11	235	-	23	45
Motor vehicle with collision with another vehicle, heavy transport, or bus	84	2	80	-	1	1
Motor vehicle, noncollision	68	2	60	-	4	2
Other and unspecified motor vehicle accident	49	1	13	-	7	28
Injury to motorcyclist, except with railway train	34	-	30	-	1	3
Injury to occupant of special-use motor vehicle*	31	4	16	-	7	4
Injury to pedestrian with motor vehicle	19	2	15	-	2	-
Motor vehicle with collision with fixed object	17	-	14	-	1	2
Injury to pedestrian with unspecified motor vehicle	7	-	2	-	-	5
Injury to pedal cyclist with motor vehicle	4	-	4	-	-	-
Motor vehicle with collision with train	1	-	1	-	-	-
Injury to motorcyclist with collision with train	-	-	-	-	-	-
Injury to occupant of 3-wheeled motor vehicle	-	-	-	-	-	-
Injury to rider or occupant of animal-drawn vehicle with motor vehicle	-	-	-	-	-	-
Non-Motor Vehicle Total	849	550	15	108	108	68
Poisoning and exposure to noxious substances**	326	256	4	38	6	22
Falls	320	203	-	18	95	4
Suffocation, food or object	35	9	-	1	6	19
Other and unspecified external causes of accidental injury	35	10	2	12	-	11
Drowning and submersion	33	12	-	17	-	4
Suffocation, mechanical	27	26	-	-	-	1
Fire	25	21	-	2	-	2
Air and space transportation accident	7	-	-	5	-	2
Exposure to excessive natural cold	7	2	2	2	1	-
Water transportation accident	6	-	-	5	-	1
Other and unspecified land transport accident	6	1	3	1	-	1
Exposure to excessive natural heat	6	3	2	1	-	-
Lightning, avalanche, earthquake, volcano, storm, or flood	6	-	1	4	-	1
Firearm	5	4	-	1	-	-
Exposure to electric current	3	2	-	1	-	-
Railroad not with motor vehicle	1	-	1	-	-	-
Pedal cyclist not with motor vehicle or train	1	1	-	-	-	-
Pedestrian not with motor vehicle or train	-	-	-	-	-	-
Rider of animal or occupant of animal-drawn vehicle not with motor vehicle or train	-	-	-	-	-	-
Person injured in other and unspecified land transport accident (includes streetcar)	-	-	-	-	-	-

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

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

\*\*Poisoning and exposure to noxious substances includes exposure to drugs, alcohol, vapors, noxious substances, or unspecified chemicals. Note: Poisoning from drugs only is a subset of this category (not shown).

**WORK INJURY DEATHS OCCURRING IN IDAHO**  
**Manner of Death by Sex and Age**  
**2021**

MANNER OF DEATH	TOTAL	SEX		AGE GROUP					
		Male	Female	<15	15-24	25-44	45-64	65-74	75+
TOTAL	33	29	4	-	2	14	12	3	2
Accidental (unintentional injury)	28	25	3	-	1	12	11	2	2
Intentional self-harm (suicide)	2	1	1	-	1	-	1	-	-
Assault (homicide)	2	2	-	-	-	1	-	1	-
Legal Intervention	1	1	-	-	-	1	-	-	-
Undetermined intent	-	-	-	-	-	-	-	-	-
Operations of war and their sequelae*	-	-	-	-	-	-	-	-	-

\*Operations 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 and Type of Accident**  
**2021**

	TOTAL	SEX		AGE GROUP					
		Male	Female	<15	15-24	25-44	45-64	65-74	75+
TOTAL	28	3	25	-	1	12	11	2	2
Place of Injury									
Farm or Ranch	2	-	2	-	-	1	1	-	-
Home or Residential Nursing	1	1	-	-	-	-	-	-	1
Industrial or Construction	6	-	6	-	-	4	2	-	-
School, Hospital or Public Institution	-	-	-	-	-	-	-	-	-
Sports or Athletics	-	-	-	-	-	-	-	-	-
Street or Highway	12	1	11	-	1	4	5	1	1
Trade or Service	1	1	-	-	-	-	-	1	-
Unspecified/Other	6	-	6	-	-	3	3	-	-
Type of Accident									
Total Motor vehicle accidents	12	1	11	-	1	4	5	1	1
Collision with fixed object	2	-	2	-	-	-	1	-	1
Collision with other motor vehicle	1	1	-	-	-	-	1	-	-
Heavy transport vehicle with motor vehicle	3	-	3	-	1	1	1	-	-
Noncollision	4	-	4	-	-	2	1	1	-
Special vehicle mainly used in agriculture	1	-	1	-	-	1	-	-	-
Other and unspecified motor vehicle	1	-	1	-	-	-	1	-	-
Air and space transportation	3	-	3	-	-	3	-	-	-
Falls	4	1	3	-	-	1	2	-	1
Total Accidental poisoning and exposure to noxious substances	2	1	1	-	-	1	-	1	-
Poisoning, drugs	1	-	1	-	-	1	-	-	-
Poisoning, gases and vapors	1	1	-	-	-	-	-	1	-
Struck by thrown, projected, or falling object	3	-	3	-	-	1	2	-	-
Contact with agricultural machinery	1	-	1	-	-	-	1	-	-
Exposure to excessive natural heat	1	-	1	-	-	1	-	-	-
Exposure to other or unspecified factors	2	-	2	-	-	1	1	-	-

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.

# IDAHO RESIDENT DRUG MORTALITY

## Drug-Induced, Drug Overdose, and Accidental Drug Overdose

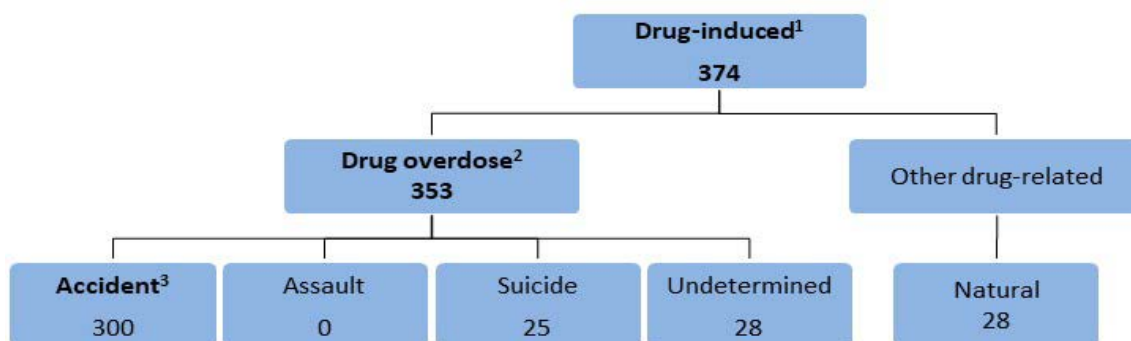
### By Classification, Health District, Age, and Sex

#### 2021

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 also known 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.

NUMBER OF IDAHO RESIDENT DRUG DEATHS BY CLASSIFICATION



DEMOGRAPHICS	Drug-Induced <sup>1</sup>		Drug Overdose <sup>2</sup>		Accidental Drug Overdose <sup>3</sup>	
	Number	Rate	Number	Rate	Number	Rate
IDAHO TOTAL	374	19.7	353	18.6	300	15.8
HEALTH DISTRICT						
District 1	45	17.0	44	16.6	41	15.4
District 2	28	24.9	23	20.5	22	19.6
District 3	60	18.9	57	18.0	44	13.9
District 4	101	18.0	97	17.3	85	15.1
District 5	33	15.6	33	15.6	27	12.8
District 6	53	29.3	46	25.5	31	17.2
District 7	54	21.3	53	20.9	50	19.7
AGE GROUP						
< 15	0	0.0	0	0.0	0	0.0
15-19	8	5.9	8	5.9	6	4.5
20-24	27	21.8	26	21.0	22	17.8
25-34	77	30.9	75	30.1	68	27.3
35-44	84	33.7	82	32.9	68	27.3
45-54	68	31.5	62	28.7	53	24.5
55-64	78	34.1	71	31.1	61	26.7
65-74	26	13.2	24	12.2	19	9.6
75-84	5	5.5	5	5.5	3	3.3
85 +	1	3.6	0	0.0	0	0.0
SEX						
Female	133	14.1	125	13.3	97	10.3
Male	241	25.1	228	23.8	203	21.2

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, 2011-2021

YEAR	CAUSE OF DEATH					
	Drug-Induced <sup>1</sup>		Drug Overdose <sup>2</sup>		Accidental Drug Overdose <sup>3</sup>	
	Number	Rate	Number	Rate	Number	Rate
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
2020	296	16.2	287	15.7	238	13.0
2021	374	19.7	353	18.6	300	15.8

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

### 2021

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 <sup>1</sup>	Average Number of YPLL per Death
Drug-Induced <sup>1</sup>	368	4.3%	11,390	658.0	31.0
Drug Overdose <sup>2</sup>	348	4.1%	10,938	631.9	31.4
Accidental Drug Overdose <sup>3</sup>	297	3.5%	9,396	542.8	31.6

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

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 OVERDOSE<sup>1</sup> MORTALITY

## Type of Drug Reported by District of Residence in 2021

DRUGS REPORTED AND ICD-10 CODES	Total	DISTRICT OF RESIDENCE						
		District 1	District 2	District 3	District 4	District 5	District 6	District 7
<b>TOTAL DRUG OVERDOSE DEATHS</b>	353	44	23	57	97	33	46	53
<b>Drug Deaths, Drug(s) reported</b>								
No drug reported	12	1	1	2	1	1	-	6
One or more drug(s) reported	341	43	22	55	96	32	46	47
<b>Drug Deaths Reporting Opioids</b>								
Total Drug Deaths Reporting Opioids <sup>2</sup>	241	34	14	38	71	22	31	31
Opium (T40.0)	-	-	-	-	-	-	-	-
Heroin (T40.1)	22	3	2	3	6	1	5	2
Natural and semisynthetic opioid (such as oxycodone, morphine, and codeine, T40.2)	88	15	8	10	27	6	13	9
Methadone (T40.3)	6	-	-	3	2	-	1	-
Synthetic opioid other than methadone (such as fentanyl and tramadol, T40.4)	165	25	8	26	48	17	18	23
Fentanyl specifically reported	152	21	8	24	45	15	17	22
Other/unspecified narcotic (T40.6)	6	1	-	1	-	1	-	3
<b>Drug Deaths Reporting Non-Opioids</b>								
Cocaine (T40.5)	10	1	-	-	8	-	-	1
Cannabis (T40.7)	7	6	1	-	-	-	-	-
LSD (Lysergic acid diethylamide, T40.8)	-	-	-	-	-	-	-	-
Benzodiazepines (T42.4)	36	12	1	6	8	3	3	3
Antibiotics, Antiparasitics, antagonist, non-opioid analgesics (T36.0-T39.9)	13	1	1	3	5	2	1	-
Anesthetics, Antiepileptic, and Sedative-Hypnotic <sup>3</sup>	30	9	3	2	6	2	3	5
Antidepressants (T43.0-T43.2)	35	12	1	4	6	2	7	3
Psychostimulants with abuse potential (such as methamphetamine, T43.6)	138	13	9	21	31	15	20	29
Methamphetamine specifically reported	128	11	9	20	30	13	17	28
Psychotropic NEC (T43.3-T43.5, T43.8-T43.9)	22	8	1	2	7	1	1	2
Other non-opioids (T44.0-T50.8)	41	7	7	4	10	4	5	4

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", will be counted once for "Heroin", and be counted once for "Natural and semisynthetic opioids".

1. Drug overdose: the underlying cause of death was acute poisoning by drugs in which the manner of death was accident, suicide, homicide or undetermined intent. Drug overdose deaths 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.

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

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

Drug overdose deaths are a subset of rankable causes of mortality, and are not ranked for leading causes of mortality.

**IDAHO RESIDENT MORTALITY**  
**Alcohol-Induced and Firearm-Injury Mortality**  
**By Health District of Residence, Age Group, Sex, and Manner**  
**2021**

	CAUSE OF DEATH			
	Alcohol-Induced		Firearm-Injury	
	Number	Rate	Number	Rate
IDAHO	416	21.9	309	16.3
HEALTH DISTRICT				
District 1	82	30.9	39	14.7
District 2	39	34.7	30	26.7
District 3	40	12.6	53	16.7
District 4	105	18.7	73	13.0
District 5	49	23.2	29	13.7
District 6	50	27.7	39	21.6
District 7	51	20.1	46	18.2
AGE GROUP				
< 15	-	-	5	1.3
15-19	-	-	15	11.1
20-24	1	0.8	24	19.4
25-34	22	8.8	64	25.7
35-44	63	25.3	51	20.5
45-54	80	37.0	49	22.7
55-64	147	64.3	46	20.1
65-74	83	42.1	32	16.2
75-84	15	16.6	14	15.5
85 +	5	18.1	9	32.6
SEX				
Female	146	15.5	39	4.1
Male	270	28.2	270	28.2
MANNER <sup>1</sup> (percentage)				
Accident (unintentional injury)	14	3.4%	5	1.6%
Assault (homicide)	-	-	28	9.1%
Intentional self-harm (suicide)	-	-	262	84.8%
Legal intervention	-	-	11	3.6%
Natural	401	96.4%	-	-
Undetermined intent	1	0.2%	3	1.0%

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

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

**YEARS OF POTENTIAL LIFE LOST BEFORE AGE 75**  
**Idaho Resident Alcohol-Induced, and Firearm-Injury Mortality**  
**2021**

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 <sup>1</sup>	Average Number of YPLL per Death
Alcohol-Induced	396	4.7%	7,879	455.2	19.9
Firearm-Injury	286	3.4%	9,219	532.6	32.2

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

Alcohol-induced, 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, 2011-2021**

YEAR	CAUSE OF DEATH							
	Heart Disease		Cancer		Chronic Lower Respiratory Disease		Cerebrovascular Disease	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
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
2020	3,189	174.6	3,002	164.3	869	47.6	772	42.3
2021	3,430	180.4	3,126	164.4	919	48.3	752	39.6

**IDAHO RESIDENT MORTALITY**  
**Heart Disease, Cancer, Chronic Lower Respiratory Disease, and**  
**Cerebrovascular Disease By Health District of Residence, Age Group, and Sex**  
**2021 Idaho**

	CAUSE OF DEATH							
	Heart Disease		Cancer		Chronic Lower Respiratory Disease		Cerebrovascular Disease	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
IDAHO	3,430	180.4	3,126	164.4	919	48.3	752	39.6
HEALTH DISTRICT								
District 1	565	212.9	573	215.9	173	65.2	137	51.6
District 2	243	216.2	255	226.8	83	73.8	56	49.8
District 3	612	193.0	513	161.8	152	47.9	133	41.9
District 4	828	147.6	893	159.2	201	35.8	190	33.9
District 5	365	173.0	323	153.1	124	58.8	88	41.7
District 6	374	207.0	280	155.0	90	49.8	79	43.7
District 7	443	174.9	289	114.1	96	37.9	69	27.2
AGE GROUP								
< 15	6	1.6	9	2.3	1	0.3	-	-
15-19	2	1.5	3	2.2	-	-	-	-
20-24	8	6.5	3	2.4	-	-	-	-
25-34	11	4.4	15	6.0	1	0.4	2	0.8
35-44	47	18.8	54	21.7	4	1.6	4	1.6
45-54	142	65.7	150	69.4	19	8.8	13	6.0
55-64	353	154.4	516	225.7	102	44.6	56	24.5
65-74	671	340.0	944	478.3	239	121.1	135	68.4
75-84	897	991.2	906	1,001.2	315	348.1	224	247.5
85 and older	1,293	4,682.1	526	1,904.7	238	861.8	318	1,151.5
SEX								
Female	1,470	156.0	1,458	154.7	464	49.2	438	46.5
Male	1,960	204.5	1,668	174.0	455	47.5	314	32.8

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.



**IDAHO RESIDENT MORTALITY**  
**Accidents, Suicide, and Homicide Deaths**  
**Trends, 2011-2021**

YEAR	CAUSE OF DEATH					
	Accidents		Suicide		Homicide	
	Number	Rate	Number	Rate	Number	Rate
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
2020	969	53.0	421	23.0	41	2.2
2021	1,163	61.2	387	20.4	41	2.2

**IDAHO RESIDENT MORTALITY**  
**Accident, Suicide, and Homicide Deaths**  
**By Health District of Residence, Age Group, and Sex**  
**2021 Idaho**

	CAUSE OF DEATH					
	Accidents		Suicide		Homicide	
	Number	Rate	Number	Rate	Number	Rate
IDAHO	1,163	61.2	387	20.4	41	2.2
HEALTH DISTRICT						
District 1	164	61.8	46	17.3	6	2.3
District 2	95	84.5	29	25.8	8	7.1
District 3	187	59.0	58	18.3	9	2.8
District 4	279	49.7	109	19.4	5	0.9
District 5	152	72.0	48	22.8	2	0.9
District 6	111	61.4	46	25.5	4	2.2
District 7	175	69.1	51	20.1	7	2.8
AGE GROUP						
< 15	34	8.8	10	2.6	2	0.5
15-19	42	31.2	24	17.8	1	0.7
20-24	72	58.2	26	21.0	6	4.8
25-34	147	59.1	88	35.4	4	1.6
35-44	126	50.5	67	26.9	9	3.6
45-54	122	56.5	57	26.4	6	2.8
55-64	142	62.1	56	24.5	6	2.6
65-74	138	69.9	36	18.2	4	2.0
75-84	156	172.4	15	16.6	3	3.3
85 and older	184	666.3	8	29.0	-	-
SEX						
Female	414	43.9	63	6.7	9	1.0
Male	749	78.1	324	33.8	32	3.3

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.

**IDAHO RESIDENT MORTALITY**  
**Alzheimer's Disease, Diabetes, and Chronic Liver Disease and Cirrhosis**  
**Trends, 2011-2021**

YEAR	CAUSE OF DEATH					
	Alzheimer's disease		Diabetes		Chronic Liver Disease & Cirrhosis	
	Number	Rate	Number	Rate	Number	Rate
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
2020	749	41.0	488	26.7	322	17.6
2021	789	41.5	541	28.5	351	18.5

**IDAHO RESIDENT MORTALITY**  
**Alzheimer's Disease, Diabetes, and Chronic Liver Disease and Cirrhosis**  
**By Health District of Residence, Age Group, and Sex**  
**2021 Idaho and 2020 U.S.**

	CAUSE OF DEATH					
	Alzheimer's disease		Diabetes		Chronic Liver Disease & Cirrhosis	
	Number	Rate	Number	Rate	Number	Rate
IDAHO	789	41.5	541	28.5	351	18.5
HEALTH DISTRICT						
District 1	87	32.8	94	35.4	60	22.6
District 2	56	49.8	52	46.3	30	26.7
District 3	139	43.8	79	24.9	39	12.3
District 4	239	42.6	118	21.0	91	16.2
District 5	94	44.6	69	32.7	41	19.4
District 6	88	48.7	76	42.1	48	26.6
District 7	86	34.0	53	20.9	42	16.6
AGE GROUP						
< 15	-	-	-	-	-	-
15-19	-	-	-	-	-	-
20-24	-	-	1	0.8	-	-
25-34	-	-	7	2.8	14	5.6
35-44	-	-	11	4.4	56	22.5
45-54	2	0.9	31	14.4	63	29.2
55-64	12	5.2	94	41.1	120	52.5
65-74	84	42.6	158	80.1	74	37.5
75-84	260	287.3	145	160.2	19	21.0
85 and older	431	1,560.7	94	340.4	5	18.1
SEX						
Female	542	57.5	226	24.0	147	15.6
Male	247	25.8	315	32.9	204	21.3

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.

**IDAHO RESIDENT MORTALITY**  
**Influenza and Pneumonia Deaths**  
**Trends, 2011-2021**

YEAR	CAUSE OF DEATH					
	Influenza and pneumonia		Influenza		Pneumonia	
	Number	Rate	Number	Rate	Number	Rate
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
2020	179	9.8	26	1.4	153	8.4
2021	161	8.5	3	0.2	158	8.3

**IDAHO RESIDENT MORTALITY**  
**Influenza and Pneumonia Deaths**  
**By Health District of Residence, Age Group, and Sex**  
**2021 Idaho**

	CAUSE OF DEATH					
	Influenza and pneumonia		Influenza		Pneumonia	
	Number	Rate	Number	Rate	Number	Rate
IDAHO	161	8.5	3	0.2	158	8.3
HEALTH DISTRICT						
District 1	23	8.7	-	-	23	8.7
District 2	16	14.2	-	-	16	14.2
District 3	34	10.7	-	-	34	10.7
District 4	27	4.8	-	-	27	4.8
District 5	28	13.3	2	0.9	26	12.3
District 6	18	10.0	1	0.6	17	9.4
District 7	15	5.9	-	-	15	5.9
AGE GROUP						
< 15	2	0.5	-	-	2	0.5
15-19	-	-	-	-	-	-
20-24	-	-	-	-	-	-
25-34	1	0.4	-	-	1	0.4
35-44	4	1.6	-	-	4	1.6
45-54	6	2.8	-	-	6	2.8
55-64	10	4.4	1	0.4	9	3.9
65-74	36	18.2	-	-	36	18.2
75-84	45	49.7	-	-	45	49.7
85 and older	57	206.4	2	7.2	55	199.2
SEX						
Female	82	8.7	-	-	82	8.7
Male	79	8.2	3	0.3	76	7.9

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.

**IDAHO RESIDENT MORTALITY**  
**COVID-19-Related Deaths**  
**Deaths in Which COVID-19 Was the Underlying Cause of Death**  
**and Deaths in Which COVID-19 Contributed to the Person's Death, 2020-2021**

YEAR	COVID-19 Deaths					
	Related		Underlying		Contributed	
	Number	Rate	Number	Rate	Number	Rate
2020	1,523	83.4	1,357	74.3	166	9.1
2021	2,708	142.5	2,406	126.6	302	15.9

**IDAHO RESIDENT MORTALITY**  
**COVID-19-Related Deaths**  
**By Health District of Residence, Age Group, and Sex**  
**2021 Idaho**

	COVID-19 Deaths					
	Related		Underlying		Contributed	
	Number	Rate	Number	Rate	Number	Rate
IDAHO	2,708	142.5	2,406	126.6	302	15.9
HEALTH DISTRICT						
District 1	607	228.7	536	202.0	71	26.8
District 2	176	156.6	146	129.9	30	26.7
District 3	538	169.7	474	149.5	64	20.2
District 4	569	101.4	507	90.4	62	11.0
District 5	283	134.1	267	126.6	16	7.6
District 6	307	169.9	271	150.0	36	19.9
District 7	228	90.0	205	80.9	23	9.1
AGE GROUP						
< 15	1	0.3	-	-	1	0.3
15-19	-	-	-	-	-	-
20-24	8	6.5	6	4.8	2	1.6
25-34	25	10.0	21	8.4	4	1.6
35-44	82	32.9	74	29.7	8	3.2
45-54	208	96.3	198	91.7	10	4.6
55-64	419	183.3	390	170.6	29	12.7
65-74	668	338.5	595	301.5	73	37.0
75-84	716	791.2	632	698.4	84	92.8
85 and older	581	2,103.9	490	1,774.3	91	329.5
SEX						
Female	1,120	118.9	986	104.6	134	14.2
Male	1,588	165.7	1,420	148.1	168	17.5

Rates are deaths per 100,000 population for U.S., Idaho, and for each Health District, age group, and sex. COVID-19 deaths in which COVID-19 was the Underlying Cause is a category of mortality which is a rankable cause of death. COVID-19-related deaths are the number of COVID-19 deaths in which COVID-19 was the underlying cause of death plus the number of deaths in which COVID-19 was not the underlying cause of death, but was reported on the death certificate to have contributed to the person's death.

**IDAHO RESIDENT MORTALITY**  
**Disposition Method<sup>1</sup>**  
**2021**

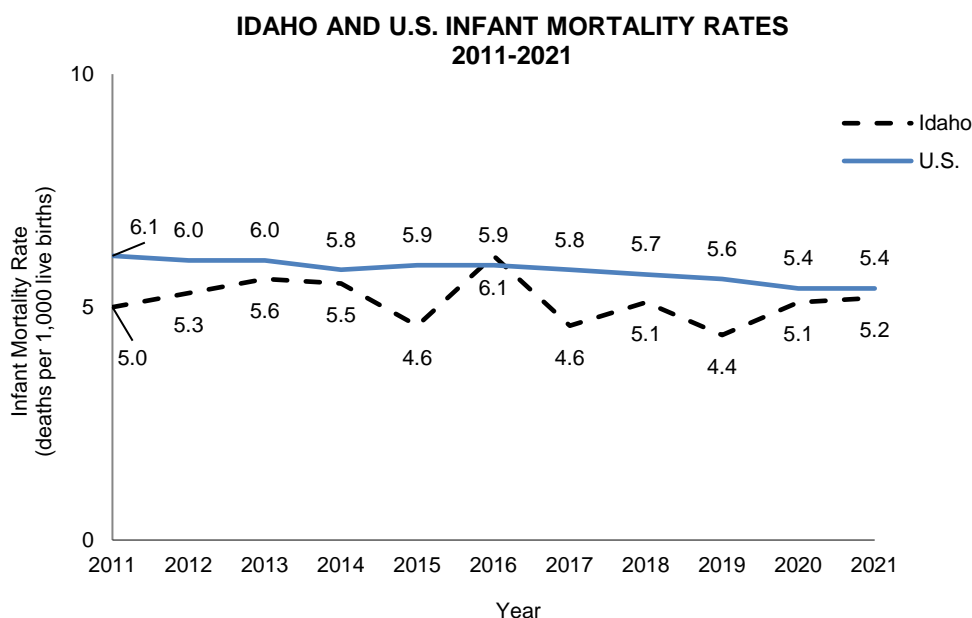
RESIDENCE	TOTAL DEATHS	DISPOSITION METHOD								
		Burial & entombment		Cremation		Donation		Removal from Idaho		Other
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number
IDAHO	18,334	4,672	25.5%	12,371	67.5%	25	0.1%	1,259	6.9%	7
District 1	3,222	328	10.2	2,589	80.4	3	0.1	301	9.3	1
District 2	1,366	231	16.9	866	63.4	-	-	269	19.7	-
District 3	3,129	779	24.9	2,156	68.9	3	0.1	191	6.1	-
District 4	4,576	926	20.2	3,449	75.4	6	0.1	194	4.2	1
District 5	2,061	629	30.6	1,363	66.2	4	0.2	62	3.0	3
District 6	1,930	885	45.9	928	48.1	6	0.3	109	5.7	2
District 7	2,050	894	43.6	1,020	49.8	3	0.2	133	6.5	-
Ada	4,141	860	20.8	3,093	74.7	6	0.1	181	4.4	1
Adams	55	7	12.7	45	81.8	-	-	3	5.5	-
Bannock	936	318	34.0	578	61.8	3	0.3	36	3.9	1
Bear Lake	80	55	68.8	6	7.5	1	1.3	18	22.5	-
Benewah	159	24	15.1	124	78.0	1	0.6	10	6.3	-
Bingham	504	275	54.6	214	42.5	-	-	15	3.0	-
Blaine	156	9	5.8	143	91.7	1	0.6	3	1.9	-
Boise	94	10	10.6	81	86.2	-	-	3	3.2	-
Bonner	620	61	9.9	427	69.0	-	-	131	21.2	1
Bonneville	1,102	427	38.8	617	56.0	3	0.3	55	5.0	-
Boundary	179	34	19.0	138	77.1	-	-	7	3.9	-
Butte	47	14	29.8	31	66.0	1	2.1	1	2.1	-
Camas	6	3	50.0	3	50.0	-	-	-	-	-
Canyon	2,132	535	25.1	1,498	70.3	2	0.1	97	4.6	-
Caribou	78	45	58.4	29	37.7	-	-	3	3.9	1
Cassia	234	116	49.6	115	49.2	-	-	3	1.3	-
Clark	10	5	50.0	5	50.0	-	-	-	-	-
Clearwater	132	18	13.6	105	79.6	-	-	9	6.8	-
Custer	69	16	23.2	51	73.9	-	-	2	2.9	-
Elmore	240	44	18.3	190	79.2	-	-	6	2.5	-
Franklin	134	96	71.6	17	12.7	-	-	21	15.7	-
Fremont	165	93	56.4	70	42.4	-	-	2	1.2	-
Gem	301	80	26.6	209	69.4	-	-	12	4.0	-
Gooding	170	47	27.7	117	68.8	-	-	6	3.5	-
Idaho	256	46	18.0	193	75.4	-	-	17	6.6	-
Jefferson	251	153	61.0	85	33.9	-	-	13	5.2	-
Jerome	243	63	25.9	165	67.9	1	0.4	14	5.8	-
Kootenai	2,018	195	9.7	1,671	82.8	1	0.1	151	7.5	-
Latah	304	48	15.8	62	20.4	-	-	194	63.8	-
Lemhi	149	28	18.8	114	76.5	-	-	7	4.7	-
Lewis	66	14	21.2	50	75.8	-	-	2	3.0	-
Lincoln	38	9	23.7	29	76.3	-	-	-	-	-
Madison	234	150	64.1	59	25.2	-	-	25	10.7	-
Minidoka	228	104	46.0	118	52.2	-	-	4	1.8	2
Nez Perce	608	105	17.3	456	75.0	-	-	47	7.7	-
Oneida	63	39	61.9	11	17.5	-	-	13	20.6	-
Owyhee	140	45	32.1	92	65.7	1	0.7	2	1.4	-
Payette	338	68	20.1	204	60.4	-	-	66	19.5	-
Power	88	43	48.9	42	47.7	1	1.1	2	2.3	-
Shoshone	246	14	5.7	229	93.1	1	0.4	2	0.8	-
Teton	70	22	31.4	19	27.1	-	-	29	41.4	-
Twin Falls	986	278	28.2	673	68.3	2	0.2	32	3.3	1
Valley	101	12	11.9	85	84.2	-	-	4	4.0	-
Washington	163	44	27.0	108	66.3	-	-	11	6.8	-

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

# INFANT, FETAL, AND MATERNAL MORTALITY

## U.S. and Idaho Infant Mortality

Infant mortality is defined as death under one year of age. The infant mortality rate in the U.S. in 2021 remained the same in 2020 (5.4 deaths per 1,000 births).<sup>1</sup> The infant mortality rate for Idaho residents increased two percent from 5.1 in 2020 to 5.2 in 2021. There were 109 infant deaths among Idaho residents in 2020 compared with 117 in 2021.



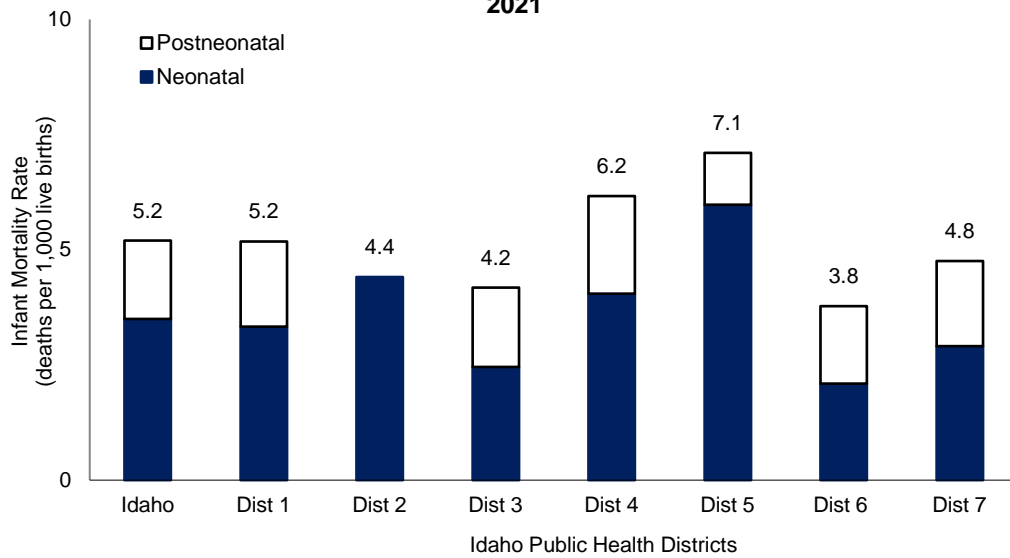
## Neonatal and Postneonatal Mortality

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 increased slightly from 3.4 per 1,000 births in 2020 to 3.5 per 1,000 births in 2021. The postneonatal mortality rate increased from 1.6 in 2020 per 1,000 births in 2020 to 1.7 in 2021. The U.S. neonatal mortality rate was 3.5 and the postneonatal mortality rate was 2.0 in 2021.<sup>1</sup>

Public Health District 5 experienced the highest infant mortality rate in 2021 with 7.1 deaths per 1,000 live births. District 6 had the lowest rate in 2021 (3.8). Neonatal mortality ranged from a low of 2.1 neonatal deaths per 1,000 births in District 6 to a high of 6.0 neonatal deaths in District 5. There were no postneonatal deaths in District 2 in 2021; District 4 had the highest postneonatal rate (2.0 per 1,000 births).

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 2010-2012 through 2019-2021 are provided by district and county.

**IDAHO, DISTRICT INFANT MORTALITY RATES**  
**Neonatal and Postneonatal**  
**2021**



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

In 2021, the leading cause of infant mortality for the U.S. was Congenital malformations, deformations and chromosomal abnormalities (birth defects). The infant mortality rate for birth defects in the U.S. in 2021 was 108.2 deaths per 100,000 live births.<sup>1</sup> In 2021, the second leading cause for the U.S. was Disorders related to short gestation and low birth weight.<sup>1</sup> In Idaho in 2021, the leading cause of infant death was birth defects with a rate of 111.5 deaths per 100,000 live births; the second leading cause of infant death was accidental death with the majority of accidental deaths due to suffocation and strangulation in bed. Ten of the 14 accidental deaths in Idaho in 2021 were due to suffocation and strangulation in bed.

**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 2020, there were 117 stillbirths to Idaho residents; the ratio of stillbirths to live births was 5.4 stillbirths per 1,000 live births. In 2021, there were 115 stillbirths and the ratio was 5.1 stillbirths per 1,000 live births. In the past ten years, the stillbirth ratio ranged from a low of 4.5 stillbirths per 1,000 live births in 2019, 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 2021, there were 176 perinatal deaths to Idaho residents. The Idaho perinatal mortality ratio in 2021 was 7.8 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.”<sup>3</sup> 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.<sup>2</sup> Idaho maternal death data from 2003 to 2017 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.<sup>4</sup> 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 were aged 45-55 years 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 have reported 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 method<sup>4</sup>. The national rate was 20.1 in 2019 and was 23.8 in 2020. 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. There were 4 maternal deaths among Idaho residents reported in 2020; the maternal mortality rate was 18.6 per 100,000 live births in 2020. There were 5 maternal deaths among Idaho residents reported in 2021; the maternal mortality rate was 22.3 per 100,000 live births in 2021.

### **Late Maternal Mortality**

A late maternal death is defined as a death 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 2020, there were 427 deaths in the U.S. from any obstetric cause occurring more than 42 days but less than one year after delivery (ICD-10 code O96) and from sequelae of direct obstetric causes (ICD-10 code O97) for a national late maternal mortality rate of 11.8 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 in 2019. In 2020, there were 3 late maternal deaths for a rate of 13.9 per 100,000 births, and in 2021 there were 4 late maternal deaths for a rate of 17.8 per 100,000 births.

### **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. The 5 maternal deaths plus the 4 late maternal deaths were a total of 9 deaths due to “Pregnancy, childbirth, and the puerperium” among Idaho women in 2021. Mortality rates for causes of death used to rank leading cause of death are based on female population rather than number of births. In 2021, the death rate for “Pregnancy, childbirth, and the puerperium” for Idaho women was 1.0 deaths per 100,000 females; the rate was 0.8 per 100,000 females in the U.S. in 2020<sup>4</sup>.

1. Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Mortality 1999-2021 on CDC WONDER Online Database, released in January 2023.
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.
4. Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Mortality 1999-2020 on CDC WONDER Online Database, released in 2021. Data are from the Multiple Cause of Death Files, 1999-2020, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program, accessed December 2022.

**IDAHO RESIDENT INFANT MORTALITY**  
**Number of Infant Deaths and Rates<sup>1</sup>**  
**2017-2021**

RESIDENCE	2021		2020		2019		2018		2017	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
U.S. <sup>2</sup>	19,920	5.4	19,582	5.4	20,921	5.6	21,467	5.7	22,335	5.8
IDAHO	117	5.2	109	5.1	97	4.4	109	5.1	101	4.6
District 1	14	5.2	19	7.2	13	4.8	11	4.3	8	3.1
District 2	5	4.4	9	8.2	6	5.3	9	8.2	4	3.4
District 3	17	4.2	18	4.5	19	5.0	19	5.2	24	6.2
District 4	35	6.2	26	4.8	20	3.6	20	3.7	22	4.0
District 5	19	7.1	10	4.0	5	1.8	15	5.7	14	5.1
District 6	9	3.8	8	3.6	13	5.5	16	7.1	15	6.3
District 7	18	4.8	19	5.2	21	5.5	19	5.0	14	3.5
Ada	30	5.9	24	4.9	19	3.9	18	3.7	20	4.1
Adams	1	38.5	1	25.6	-	-	-	-	-	-
Bannock	5	4.5	4	3.8	8	7.1	6	5.4	7	5.9
Bear Lake	-	-	-	-	1	13.2	-	-	-	-
Benewah	1	12.5	-	-	1	9.3	-	-	-	-
Bingham	1	1.5	-	-	4	6.3	6	10.2	4	6.6
Blaine	1	4.9	-	-	1	5.6	-	-	1	5.3
Boise	1	15.4	-	-	-	-	1	21.3	1	16.4
Bonner	6	13.3	4	10.1	1	2.3	1	2.5	3	7.1
Bonneville	7	3.8	11	6.2	14	7.6	15	8.3	4	2.1
Boundary	-	-	2	13.6	2	14.4	3	19.5	-	-
Butte	-	-	1	34.5	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	11	3.4	15	4.7	13	4.3	16	5.5	14	4.6
Caribou	-	-	-	-	-	-	-	-	1	10.5
Cassia	1	2.6	4	10.4	1	2.4	1	2.7	1	2.6
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	-	-	2	27.4	-	-	1	15.4	-	-
Custer	1	34.5	-	-	-	-	-	-	-	-
Elmore	3	6.7	2	4.8	1	2.2	1	2.4	1	2.1
Franklin	1	4.8	2	9.7	-	-	4	20.6	3	15.7
Fremont	-	-	-	-	2	11.4	-	-	1	5.7
Gem	1	5.1	-	-	2	10.6	1	5.2	1	5.1
Gooding	2	8.9	-	-	-	-	2	11.0	1	5.1
Idaho	-	-	1	8.3	-	-	-	-	1	6.3
Jefferson	3	7.0	4	9.0	2	4.5	1	2.3	3	6.0
Jerome	6	16.9	-	-	-	-	3	8.0	1	2.7
Kootenai	5	2.7	12	6.6	9	4.8	7	4.0	5	2.8
Latah	-	-	1	2.4	4	9.7	6	15.3	1	2.2
Lemhi	-	-	-	-	-	-	1	14.7	2	25.6
Lewis	-	-	-	-	1	29.4	1	26.3	-	-
Lincoln	3	50.0	-	-	-	-	1	16.9	-	-
Madison	6	5.4	2	1.8	3	2.6	1	0.9	4	3.5
Minidoka	1	3.3	1	3.7	-	-	-	-	5	15.4
Nez Perce	5	11.6	5	11.2	1	2.2	1	2.2	2	4.3
Oneida	-	-	1	27.0	-	-	-	-	-	-
Owyhee	1	6.2	1	7.1	1	6.8	1	7.2	3	21.3
Payette	3	9.0	-	-	3	9.6	1	3.5	4	12.7
Power	2	16.7	-	-	-	-	-	-	-	-
Shoshone	2	14.2	1	6.8	-	-	-	-	-	-
Teton	1	7.8	2	15.7	-	-	1	8.0	-	-
Twin Falls	5	4.4	5	4.5	3	2.5	8	6.9	5	4.1
Valley	1	12.0	-	-	-	-	-	-	-	-
Washington	-	-	1	10.3	-	-	-	-	2	18.7

<sup>1</sup>Rates are deaths of infants under one year of age per 1,000 live births.

<sup>2</sup>Source for U.S. infant death rates: Centers for Disease Control and Prevention, National Center for Health Statistics (NCHS). Underlying Cause of Death 1999-2021 on CDC WONDER Online Database, released January 2023.

**IDAHO RESIDENT INFANT MORTALITY**  
**Sex, One Race or Multiple Race and Ethnicity<sup>1</sup> of Infant**  
**2021**

RESIDENCE	TOTAL DEATHS	SEX		RACE						ETHNICITY	
		Male	Female	White	Black	American Indian or Alaska Native	Asian, Hawaiian, or Pacific Islander	Other Race	Multiple Race	Non-Hispanic	Hispanic
IDAHO	117	62	55	102	7	2	2	2	2	91	26
District 1	14	5	9	12	1	-	-	-	1	13	1
District 2	5	2	3	4	-	1	-	-	-	5	-
District 3	17	10	7	17	-	-	-	-	-	12	5
District 4	35	23	12	26	5	-	2	1	1	28	7
District 5	19	11	8	17	1	-	-	1	-	10	9
District 6	9	4	5	9	-	-	-	-	-	7	2
District 7	18	7	11	17	-	1	-	-	-	16	2
Ada	30	20	10	23	5	-	1	-	1	24	6
Adams	1	-	1	1	-	-	-	-	-	1	-
Bannock	5	2	3	5	-	-	-	-	-	5	-
Bear Lake	-	-	-	-	-	-	-	-	-	-	-
Benewah	1	-	1	1	-	-	-	-	-	1	-
Bingham	1	1	-	1	-	-	-	-	-	1	-
Blaine	1	-	1	1	-	-	-	-	-	1	-
Boise	1	-	1	1	-	-	-	-	-	1	-
Bonner	6	4	2	6	-	-	-	-	-	5	1
Bonneville	7	2	5	6	-	1	-	-	-	6	1
Boundary	-	-	-	-	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-	-
Canyon	11	7	4	11	-	-	-	-	-	7	4
Caribou	-	-	-	-	-	-	-	-	-	-	-
Cassia	1	1	-	1	-	-	-	-	-	1	-
Clark	-	-	-	-	-	-	-	-	-	-	-
Clearwater	-	-	-	-	-	-	-	-	-	-	-
Custer	1	-	1	1	-	-	-	-	-	1	-
Elmore	3	2	1	1	-	-	1	1	-	2	1
Franklin	1	1	-	1	-	-	-	-	-	1	-
Fremont	-	-	-	-	-	-	-	-	-	-	-
Gem	1	-	1	1	-	-	-	-	-	1	-
Gooding	2	2	-	1	-	-	-	1	-	-	2
Idaho	-	-	-	-	-	-	-	-	-	-	-
Jefferson	3	2	1	3	-	-	-	-	-	3	-
Jerome	6	2	4	6	-	-	-	-	-	3	3
Kootenai	5	1	4	3	1	-	-	-	1	5	-
Latah	-	-	-	-	-	-	-	-	-	-	-
Lemhi	-	-	-	-	-	-	-	-	-	-	-
Lewis	-	-	-	-	-	-	-	-	-	-	-
Lincoln	3	2	1	3	-	-	-	-	-	2	1
Madison	6	2	4	6	-	-	-	-	-	5	1
Minidoka	1	-	1	1	-	-	-	-	-	-	1
Nez Perce	5	2	3	4	-	1	-	-	-	5	-
Oneida	-	-	-	-	-	-	-	-	-	-	-
Owyhee	1	1	-	1	-	-	-	-	-	-	1
Payette	3	2	1	3	-	-	-	-	-	3	-
Power	2	-	2	2	-	-	-	-	-	-	2
Shoshone	2	-	2	2	-	-	-	-	-	2	-
Teton	1	1	-	1	-	-	-	-	-	1	-
Twin Falls	5	4	1	4	1	-	-	-	-	3	2
Valley	1	1	-	1	-	-	-	-	-	1	-
Washington	-	-	-	-	-	-	-	-	-	-	-

<sup>1</sup>Race and Hispanic origin are reported separately on death certificate. Race is based on one race or multiple races reported for the decedent. Race is not comparable with bridged race in which two or more races are designated to one races. 2021 was the last year in which bridged race was available for the decedent; however, bridged race population was not available for analysis.

**IDAHO RESIDENT INFANT MORTALITY**  
**Cause of Death by Neonatal and Postneonatal Periods**  
**2021**

	Total		Neonatal		Postneonatal	
	Number	Rate	Number	Rate	Number	Rate
<b>TOTAL</b>	117	521.7	79	352.3	38	169.4
Influenza and pneumonia (J09-J18)#	-	-	-	-	-	-
Certain conditions originating in the perinatal period (P00-P96)	54	240.8	53	236.3	1	4.5
Newborn affected by maternal complications of pregnancy (P01)#	13	58.0	13	58.0	-	-
Newborn affected by complications of placenta, cord and membranes (P02)#	1	4.5	1	4.5	-	-
Disorders related to short gestation and low birth weight, not elsewhere classified (P07)#	11	49.0	11	49.0	-	-
Intrauterine hypoxia & birth asphyxia (P20-P21)#	2	8.9	2	8.9	-	-
Respiratory distress of newborn (P22)#	6	26.8	6	26.8	-	-
Bacterial sepsis of newborn (P36)#	-	-	-	-	-	-
Neonatal hemorrhage (P50-P52, P54)#	5	22.3	5	22.3	-	-
Other conditions originating in perinatal period	16	71.3	15	66.9	1	4.5
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)#	25	111.5	17	75.8	8	35.7
Sudden infant death syndrome (R95)#	2	8.9	-	-	2	8.9
Other symptoms, signs, and abnormal clinical and laboratory findings (R00-R53, R55-R94, R96-R99)	9	40.1	2	8.9	7	31.2
Other ill-defined and unspecified causes (R99)	9	40.1	2	8.9	7	31.2
Accidents (V01-X59, Y85-Y86)#	14	62.4	4	17.8	10	44.6
Inhalation/ingestion of food/object (W78-W80)	-	-	-	-	-	-
Suffocation, mechanical (W75-W77, W81-W84)	11	49.0	4	17.8	7	31.2
Suffocation and strangulation in bed (W75)	10	44.6	4	17.8	6	26.8
Assault (homicide X85-Y09, Y87.1)#	1	4.5	-	-	1	4.5
All other causes	12	NA	3	NA	9	40.1

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

Sudden unexpected infant deaths (SUID) category combines ICD-10 codes for SIDS (R95), Other ill-defined and unspecified causes (R99) and Accidental suffocation and strangulation in bed (W75). The 2021 rate was 93.6 per 100,000 births for Idaho.

**IDAHO RESIDENT INFANT MORTALITY**  
**Neonatal and Postneonatal Mortality by Age of Mother, 2021**

Age of Mother at Time of Infant's Birth	Total		Neonatal		Postneonatal	
	Number	Rate	Number	Rate	Number	Rate
<b>TOTAL</b>	117	5.2	79	3.5	38	1.7
<15	-	-	-	-	-	-
15-19	9	11.4	4	5.1	5	6.4
15-17	3	17.0	2	11.4	1	5.7
18-19	6	9.8	2	3.3	4	6.5
20-34	87	4.8	62	3.4	25	1.4
35+	18	5.3	13	3.8	5	1.5
Unknown	3	NA	-	NA	3	NA

Rates are deaths of infants under one year of age per 1,000 live births in corresponding mother's age group. NA: Not applicable.

**IDAHO RESIDENT INFANT MORTALITY**  
**Leading Causes of Infant Mortality**  
**Three-Year Aggregate, 2019-2021**

RESIDENCE	THREE-YEAR TOTAL INFANT DEATHS		CAUSE OF INFANT DEATH						
			Congenital malform- ations <sup>1</sup>	Short Gestation / Unspecified Low Birth Weight	Respiratory Distress of Newborn	All Other Conditions Originating in Perinatal Period	Sudden Infant Death Syndrome (SIDS)	External Causes <sup>2</sup>	All Other Causes
IDAHO	323	4.9	80	30	9	104	16	35	49
District 1	46	5.7	12	1	3	11	3	7	9
District 2	20	5.9	4	2	-	9	3	1	1
District 3	54	4.5	12	8	1	16	-	10	7
District 4	81	4.9	16	8	2	30	2	8	15
District 5	34	4.3	12	3	3	10	1	2	3
District 6	30	4.3	9	2	-	8	3	5	3
District 7	58	5.1	15	6	-	20	4	2	11
Ada	73	4.9	16	6	2	26	2	8	13
Adams	2	20.4	-	-	-	-	-	1	1
Bannock	17	5.2	5	1	-	4	1	5	1
Bear Lake	1	4.2	-	-	-	1	-	-	-
Benewah	2	6.8	-	-	-	1	-	1	-
Bingham	5	2.6	-	-	-	1	2	-	2
Blaine	2	3.6	1	-	-	1	-	-	-
Boise	1	6.4	-	-	-	-	-	-	1
Bonner	11	8.5	2	-	2	1	-	2	4
Bonneville	32	5.9	9	5	-	9	4	1	4
Boundary	4	9.3	2	-	-	-	-	2	-
Butte	1	11.4	1	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-
Canyon	39	4.1	10	7	1	12	-	7	2
Caribou	-	-	-	-	-	-	-	-	-
Cassia	6	5.1	2	-	1	2	-	1	-
Clark	-	-	-	-	-	-	-	-	-
Clearwater	2	9.2	1	-	-	-	-	1	-
Custer	1	11.9	-	-	-	-	-	-	1
Elmore	6	4.5	-	2	-	3	-	-	1
Franklin	3	4.7	2	1	-	-	-	-	-
Fremont	2	4.0	-	-	-	1	-	-	1
Gem	3	5.1	-	-	-	2	-	-	1
Gooding	2	3.4	-	-	-	1	-	-	1
Idaho	1	2.2	-	-	-	1	-	-	-
Jefferson	9	6.8	2	-	-	6	-	1	-
Jerome	6	5.9	2	1	1	1	-	1	-
Kootenai	26	4.7	7	1	1	8	3	1	5
Latah	5	3.9	1	-	-	2	1	-	1
Lemhi	-	-	-	-	-	-	-	-	-
Lewis	1	9.2	1	-	-	-	-	-	-
Lincoln	3	16.2	1	-	1	1	-	-	-
Madison	11	3.3	4	1	-	1	-	-	5
Minidoka	2	2.2	2	-	-	-	-	-	-
Nez Perce	11	8.2	1	2	-	6	2	-	-
Oneida	1	6.1	-	-	-	1	-	-	-
Owyhee	3	6.7	1	-	-	-	-	1	1
Payette	6	6.2	1	1	-	2	-	1	1
Power	2	6.2	1	-	-	1	-	-	-
Shoshone	3	7.1	1	-	-	1	-	1	-
Teton	3	7.9	-	-	-	3	-	-	-
Twin Falls	13	3.8	4	2	-	4	1	-	2
Valley	1	3.9	-	-	-	1	-	-	-
Washington	1	3.7	-	-	-	-	-	-	1

Rates are deaths of infants under one year of age per 1,000 live births in 2019-2021.

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

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

**IDAHO RESIDENT INFANT MORTALITY**  
**Neonatal and Postneonatal Mortality**  
**2021**

RESIDENCE	Total Live Births	Total <sup>1</sup>		Neonatal <sup>2</sup>		Postneonatal <sup>3</sup>	
		Number	Rate	Number	Rate	Number	Rate
IDAHO	22,427	117	5.2	79	3.5	38	1.7
District 1	2,703	14	5.2	9	3.3	5	1.8
District 2	1,134	5	4.4	5	4.4	-	-
District 3	4,068	17	4.2	10	2.5	7	1.7
District 4	5,679	35	6.2	23	4.1	12	2.1
District 5	2,675	19	7.1	16	6.0	3	1.1
District 6	2,384	9	3.8	5	2.1	4	1.7
District 7	3,784	18	4.8	11	2.9	7	1.8
Ada	5,080	30	5.9	18	3.5	12	2.4
Adams	26	1	38.5	-	-	1	38.5
Bannock	1,102	5	4.5	2	1.8	3	2.7
Bear Lake	78	-	-	-	-	-	-
Benewah	80	1	12.5	-	-	1	12.5
Bingham	685	1	1.5	-	-	1	1.5
Blaine	205	1	4.9	1	4.9	-	-
Boise	65	1	15.4	1	15.4	-	-
Bonner	452	6	13.3	3	6.6	3	6.6
Bonneville	1,820	7	3.8	5	2.7	2	1.1
Boundary	146	-	-	-	-	-	-
Butte	35	-	-	-	-	-	-
Camas	13	-	-	-	-	-	-
Canyon	3,257	11	3.4	8	2.5	3	0.9
Caribou	87	-	-	-	-	-	-
Cassia	380	1	2.6	1	2.6	-	-
Clark	19	-	-	-	-	-	-
Clearwater	71	-	-	-	-	-	-
Custer	29	1	34.5	1	34.5	-	-
Elmore	451	3	6.7	3	6.7	-	-
Franklin	208	1	4.8	1	4.8	-	-
Fremont	171	-	-	-	-	-	-
Gem	195	1	5.1	1	5.1	-	-
Gooding	225	2	8.9	1	4.4	1	4.4
Idaho	167	-	-	-	-	-	-
Jefferson	428	3	7.0	1	2.3	2	4.7
Jerome	356	6	16.9	5	14.0	1	2.8
Kootenai	1,884	5	2.7	4	2.1	1	0.5
Latah	433	-	-	-	-	-	-
Lemhi	70	-	-	-	-	-	-
Lewis	33	-	-	-	-	-	-
Lincoln	60	3	50.0	3	50.0	-	-
Madison	1,119	6	5.4	4	3.6	2	1.8
Minidoka	307	1	3.3	1	3.3	-	-
Nez Perce	430	5	11.6	5	11.6	-	-
Oneida	69	-	-	-	-	-	-
Owyhee	162	1	6.2	-	-	1	6.2
Payette	334	3	9.0	1	3.0	2	6.0
Power	120	2	16.7	2	16.7	-	-
Shoshone	141	2	14.2	2	14.2	-	-
Teton	128	1	7.8	-	-	1	7.8
Twin Falls	1,129	5	4.4	4	3.5	1	0.9
Valley	83	1	12.0	1	12.0	-	-
Washington	94	-	-	-	-	-	-

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

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

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

**IDAHO RESIDENT INFANT MORTALITY**  
**Three-Year Rates<sup>1</sup>**  
**2010-2012 Through 2019-2021**

RESIDENCE	2019-2021	2018-2020	2017-2019	2016-2018	2015-2017	2014-2016	2013-2015	2012-2014	2011-2013	2010-2012
IDAHO	4.9	4.8	4.7	5.3	5.1	5.4	5.3	5.5	5.3	5.0
District 1	5.7	5.5	4.1	4.3	4.3	5.5	5.2	5.3	4.8	4.5
District 2	5.9	7.2	5.6	5.8	4.5	6.2	6.7	7.0	7.0	7.3
District 3	4.5	4.9	5.5	5.9	5.9	5.8	6.3	6.7	6.6	5.2
District 4	4.9	4.0	3.8	4.1	4.3	4.5	4.4	4.4	4.5	4.6
District 5	4.3	3.8	4.2	6.4	6.3	6.7	6.1	6.7	6.1	6.2
District 6	4.3	5.4	6.3	7.2	6.1	5.4	4.9	4.6	5.0	4.4
District 7	5.1	5.2	4.7	4.8	4.7	5.2	4.7	5.1	4.7	4.7
Ada	4.9	4.2	3.9	4.2	4.4	4.5	4.3	4.3	4.4	4.6
Adams	20.4	9.9	-	-	-	-	11.8	11.4	11.6	-
Bannock	5.2	5.5	6.1	6.0	5.5	5.3	4.7	4.6	4.6	4.9
Bear Lake	4.2	4.2	4.2	-	-	-	8.4	7.7	12.9	8.2
Benewah	6.8	3.3	3.4	-	-	6.2	12.2	11.9	8.9	2.9
Bingham	2.6	5.4	7.7	9.2	7.5	5.8	5.1	4.1	5.3	3.9
Blaine	3.6	1.8	3.5	3.4	6.4	4.5	3.0	1.5	1.5	4.3
Boise	6.4	7.2	12.6	12.7	6.6	-	-	-	8.4	8.5
Bonner	8.5	4.8	3.9	4.7	8.1	9.6	9.1	6.6	3.4	4.3
Bonneville	5.9	7.4	6.0	6.3	5.4	7.1	6.2	5.8	4.7	4.4
Boundary	9.3	15.9	12.1	7.0	-	2.3	5.0	7.9	5.3	2.8
Butte	11.4	12.8	-	11.4	11.1	12.0	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	4.1	4.8	4.8	5.5	5.3	5.9	6.2	6.5	6.6	5.4
Caribou	-	-	3.6	7.1	7.4	7.8	3.7	3.7	3.7	7.1
Cassia	5.1	5.1	2.5	6.9	7.1	10.0	7.3	7.9	5.2	5.1
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	9.2	14.2	4.8	19.4	20.3	21.5	5.3	4.9	9.6	10.5
Custer	11.9	-	-	-	-	-	-	-	-	-
Elmore	4.5	3.1	2.2	2.2	2.9	5.1	6.4	6.3	5.7	5.6
Franklin	4.7	9.6	11.5	13.6	8.5	3.5	3.5	3.4	5.1	3.3
Fremont	4.0	3.9	5.6	1.9	5.7	5.5	5.4	5.2	6.8	6.4
Gem	5.1	5.1	6.9	6.7	8.1	11.4	11.6	8.3	3.4	-
Gooding	3.4	3.7	5.2	14.9	14.4	14.3	8.2	8.3	8.4	11.1
Idaho	2.2	2.4	2.2	2.2	4.3	6.4	10.8	10.7	6.5	6.2
Jefferson	6.8	5.2	4.3	4.3	3.5	1.5	2.1	4.9	6.1	5.3
Jerome	5.9	2.9	3.7	11.4	8.4	13.3	12.3	15.0	9.1	4.9
Kootenai	4.7	5.2	3.9	4.3	4.2	4.8	4.1	4.6	5.1	4.7
Latah	3.9	9.0	8.8	8.7	5.2	7.5	6.7	6.0	6.7	8.9
Lemhi	-	4.8	12.8	13.3	12.2	12.9	14.0	10.8	5.2	9.3
Lewis	9.2	17.5	18.9	9.0	-	-	-	-	-	8.1
Lincoln	16.2	5.4	4.8	5.2	4.5	4.9	4.5	14.0	13.3	12.4
Madison	3.3	1.8	2.4	2.7	3.7	3.0	2.4	3.3	3.4	4.4
Minidoka	2.2	1.1	5.4	6.6	8.6	5.4	5.2	9.0	9.0	8.0
Nez Perce	8.2	5.1	2.9	2.1	2.1	3.4	6.3	7.5	7.7	5.6
Oneida	6.1	6.6	-	-	-	-	6.9	7.1	6.8	-
Owyhee	6.7	7.1	11.7	12.0	11.8	4.7	4.9	7.2	7.2	4.7
Payette	6.2	4.4	8.8	6.7	7.8	4.5	5.5	9.8	9.7	9.4
Power	6.2	-	-	5.9	5.4	10.0	7.4	7.1	2.5	2.5
Shoshone	7.1	2.3	-	2.2	2.2	4.4	2.2	2.5	-	5.6
Teton	7.9	8.0	2.5	4.8	2.2	4.5	8.9	11.1	8.4	4.0
Twin Falls	3.8	4.6	4.5	3.9	3.6	3.0	4.2	3.3	4.7	5.8
Valley	3.9	-	-	-	3.6	3.7	3.8	-	-	-
Washington	3.7	3.5	6.8	6.1	6.0	-	-	-	-	-

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

**IDAHO RESIDENT STILLBIRTHS**  
**Number of Stillbirths and Ratios<sup>1</sup>**  
**2018-2022**

RESIDENCE	2022		2021		2020		2019*		2018	
	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio
Total*	90	4.0	115	5.1	117	5.4	111	5.0	114	5.3
District 1	14	5.0	8	3.0	19	7.2	12	4.5	14	5.5
District 2	7	6.5	9	7.9	3	2.7	6	5.3	7	6.4
District 3	17	4.0	22	5.4	18	4.5	19	5.0	23	6.3
District 4	18	3.2	14	2.5	27	5.0	21	3.8	25	4.6
District 5	11	4.1	26	9.7	9	3.6	20	7.3	12	4.6
District 6	12	5.3	8	3.4	23	10.4	15	6.4	15	6.7
District 7	11	2.9	25	6.6	18	4.9	18	4.7	18	4.8
Ada	16	3.2	12	2.4	23	4.7	20	4.1	21	4.3
Adams	-	-	2	76.9	-	-	-	-	-	-
Bannock	5	4.9	4	3.6	12	11.5	5	4.4	11	9.9
Bear Lake	-	-	-	-	1	11.9	-	-	-	-
Benewah	-	-	-	-	1	9.3	1	9.3	1	10.9
Bingham	4	6.3	3	4.4	8	12.9	7	11.0	3	5.1
Blaine	1	5.3	5	24.4	-	-	1	5.6	-	-
Boise	-	-	1	15.4	1	24.4	-	-	-	-
Bonner	4	8.5	1	2.2	1	2.5	1	2.3	1	2.5
Bonneville	7	3.9	15	8.2	10	5.6	10	5.5	11	6.1
Boundary	1	6.3	2	13.7	-	-	-	-	3	19.5
Butte	-	-	-	-	1	34.5	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	14	4.1	17	5.2	12	3.8	11	3.6	19	6.5
Caribou	-	-	-	-	-	-	-	-	-	-
Cassia	3	8.5	3	7.9	2	5.2	2	4.9	5	13.3
Clark	-	-	-	-	-	-	1	100.0	-	-
Clearwater	1	15.9	-	-	-	-	-	-	1	15.4
Custer	-	-	-	-	-	-	-	-	-	-
Elmore	2	4.4	1	2.2	3	7.1	1	2.2	3	7.2
Franklin	2	8.1	1	4.8	-	-	1	4.5	-	-
Fremont	-	-	1	5.8	-	-	1	5.7	-	-
Gem	-	-	-	-	2	9.6	-	-	2	10.3
Gooding	1	4.7	1	4.4	-	-	5	25.6	-	-
Idaho	1	5.8	1	6.0	-	-	3	19.1	2	13.9
Jefferson	1	2.2	4	9.3	1	2.3	2	4.5	2	4.5
Jerome	1	2.7	3	8.4	1	3.0	3	9.0	-	-
Kootenai	7	3.7	5	2.7	14	7.6	9	4.8	7	4.0
Latah	3	6.7	4	9.2	-	-	1	2.4	1	2.6
Lemhi	-	-	-	-	1	18.9	-	-	-	-
Lewis	-	-	-	-	-	-	-	-	-	-
Lincoln	-	-	1	16.7	1	17.9	-	-	1	16.9
Madison	3	2.7	4	3.6	6	5.5	4	3.5	5	4.6
Minidoka	2	6.6	4	13.0	-	-	3	9.1	1	3.6
Nez Perce	2	5.5	4	9.3	3	6.7	2	4.4	3	6.6
Oneida	1	18.5	-	-	1	27.0	-	-	1	17.9
Owyhee	1	7.3	2	12.3	1	7.1	2	13.6	1	7.2
Payette	2	6.4	1	3.0	2	6.3	4	12.8	1	3.5
Power	-	-	-	-	-	-	2	16.9	-	-
Shoshone	2	12.3	-	-	3	20.4	1	7.5	2	12.3
Teton	-	-	1	7.8	-	-	-	-	-	-
Twin Falls	3	2.6	9	8.0	5	4.5	6	5.0	5	4.3
Valley	-	-	-	-	-	-	-	-	1	9.3
Washington	-	-	-	-	1	10.3	2	25.0	-	-

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

\*Total includes 3 stillbirths with county of residence not reported in 2021.

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



**IDAHO RESIDENT PERINATAL MORTALITY**  
**Number of Perinatal Deaths and Ratios<sup>1</sup>**  
**2018-2022**

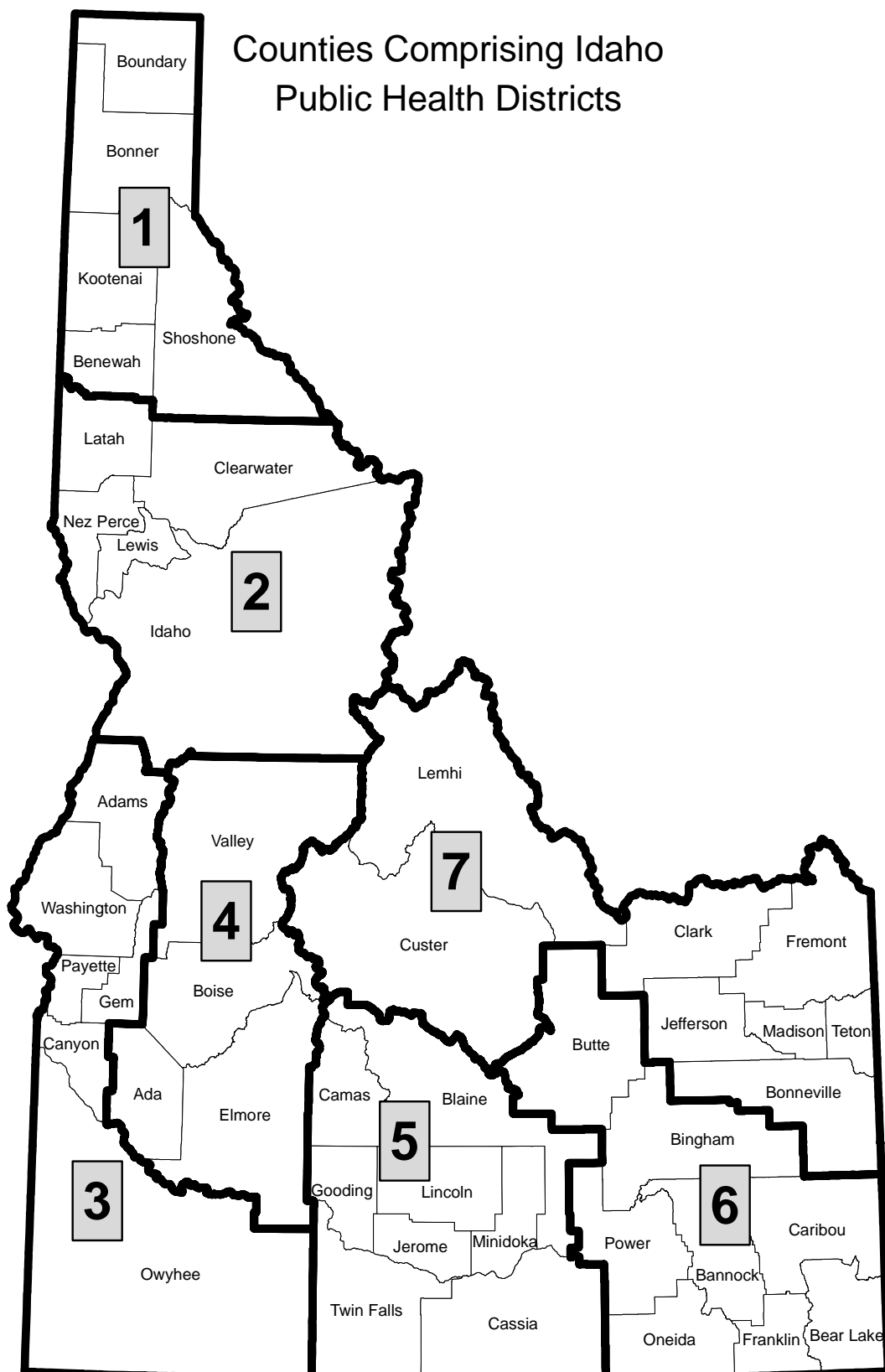
RESIDENCE	2022		2021		2020		2019**		2018	
	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio
Total*	161	7.2	176	7.8	177	8.2	160	7.3	182	8.5
District 1	27	9.6	16	5.9	26	9.9	20	7.5	19	7.5
District 2	12	11.1	14	12.3	7	6.3	9	7.9	14	12.8
District 3	33	7.8	31	7.6	27	6.7	28	7.4	38	10.3
District 4	31	5.6	29	5.1	44	8.1	33	6.0	38	7.0
District 5	15	5.6	40	15.0	13	5.2	21	7.7	23	8.8
District 6	18	8.0	10	4.2	28	12.7	20	8.5	25	11.1
District 7	25	6.6	33	8.7	32	8.7	29	7.5	25	6.6
Ada	28	5.7	24	4.7	38	7.8	32	6.5	32	6.6
Adams	-	-	2	76.9	-	-	-	-	-	-
Bannock	7	6.9	5	4.5	13	12.4	8	7.1	16	14.4
Bear Lake	-	-	-	-	1	11.9	1	13.2	-	-
Benewah	-	-	-	-	1	9.3	2	18.5	1	10.9
Bingham	7	11.0	3	4.4	8	12.9	8	12.6	8	13.6
Blaine	1	5.3	6	29.3	-	-	1	5.6	-	-
Boise	-	-	2	30.8	1	24.4	-	-	1	21.3
Bonner	7	15.0	4	8.8	1	2.5	2	4.6	1	2.5
Bonneville	18	10.1	19	10.4	18	10.1	18	9.8	16	8.8
Boundary	2	12.7	2	13.7	1	6.8	1	7.2	5	32.5
Butte	-	-	-	-	2	69.0	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	29	8.6	24	7.4	21	6.6	18	5.9	31	10.6
Caribou	-	-	-	-	-	-	-	-	-	-
Cassia	4	11.4	4	10.5	4	10.4	3	7.3	6	15.9
Clark	-	-	-	-	-	-	1	100.0	-	-
Clearwater	1	15.9	-	-	-	-	-	-	1	15.4
Custer	-	-	-	-	-	-	-	-	-	-
Elmore	3	6.5	2	4.4	5	11.9	1	2.2	4	9.6
Franklin	3	12.2	2	9.6	2	9.7	1	4.5	-	-
Fremont	-	-	1	5.8	-	-	2	11.4	-	-
Gem	-	-	1	5.1	2	9.6	1	5.3	3	15.5
Gooding	1	4.7	2	8.9	-	-	5	25.6	1	5.5
Idaho	1	5.8	1	6.0	1	8.3	3	19.1	2	13.9
Jefferson	1	2.2	5	11.7	4	9.0	3	6.7	3	6.8
Jerome	2	5.4	7	19.7	1	3.0	3	9.0	3	8.0
Kootenai	16	8.4	9	4.8	19	10.4	14	7.5	10	5.8
Latah	4	9.0	4	9.2	-	-	2	4.8	6	15.3
Lemhi	1	19.2	-	-	1	18.9	-	-	-	-
Lewis	-	-	-	-	-	-	1	29.4	1	26.3
Lincoln	-	-	4	66.7	1	17.9	-	-	2	33.9
Madison	5	4.5	7	6.3	7	6.4	5	4.4	5	4.6
Minidoka	3	9.9	5	16.3	-	-	3	9.1	1	3.6
Nez Perce	6	16.4	9	20.9	6	13.4	3	6.6	4	8.8
Oneida	1	18.5	-	-	2	54.1	-	-	1	17.9
Owyhee	2	14.6	2	12.3	1	7.1	2	13.6	2	14.5
Payette	2	6.4	2	6.0	2	6.3	5	16.0	2	7.0
Power	-	-	-	-	-	-	2	16.9	-	-
Shoshone	2	12.3	1	7.1	4	27.2	1	7.5	2	12.3
Teton	-	-	1	7.8	2	15.7	-	-	1	8.0
Twin Falls	4	3.5	12	10.6	7	6.3	6	5.0	10	8.7
Valley	-	-	1	12.0	-	-	-	-	1	9.3
Washington	-	-	-	-	1	10.3	2	25.0	-	-

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

\*Total includes 3 stillbirths with county of residence not reported in 2021.

\*\*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

**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:

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

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, 2021 population estimates from the U.S. Census Bureau, age-specific population estimates computed by the Bureau of Vital Records and Health Statistics, and 2021 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 2021, Accidents were the fourth-leading cause of death of Idahoans and accounted for 6.3% of all resident deaths. However, accidents were the leading cause of premature death under age 75 and accounted for 9.7% of all deaths to persons under the age of 75 in 2021. 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** 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. Drug overdose deaths are also called Drug poisoning deaths.

**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.

**Bridged Race from 2003-2020** 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 transmitted Idaho death records to the National Center for Health Statistics (NCHS), NCHS re-coded decedents with multiple race categories to single (bridged) race codes, then returned the records with bridged race information 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 uses a fifth category for “other race”.

The bridging procedure is similar with 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. For more information, go to the Center for Disease Control's (CDC) website which describes the procedure for converting multiple race categories to a single bridged race category ([cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm](https://cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm)).

### **Other Race and Multiple Race, 2003-2020**

The Idaho death certificate includes 15 checkboxes for race including one checkbox for "other race" and a place to specify the other race. When Idaho death records are submitted to NCHS to recode decedents with multiple race categories, NCHS also reviews information specified for "other race" and applies rules to either keep the race specified as "other race" or revise the race specified to the appropriate checkbox on the death certificate. Examples of rules include:

1. If "other race" was specified as an ethnicity such as "Hispanic", then "other race" would remain coded to "other race".
2. If "other race" was specified as a nationality such as "Italian", then the race would be recoded to "White" in this example.
3. If "other race" was specified as "Hispanic" and the checkbox for "White" was also checked, then the bridged race code would be coded to "White".
4. If "White" is checked and "Black" is checked, NCHS would apply their coding algorithm to either bridge the race to "White" or to "Black".

### **Bridged and Unbridged Race in 2021**

In 2021, NCHS provided bridged-race codes to Idaho for mortality. However, the year 2021 was the final year NCHS provided bridged-race codes to Idaho and other states for mortality.

Prior to 2021, NCHS would collaborate with the U.S. Census Bureau to compile and provide population files to the states with bridged-race categories to be used for analysis. In 2021, NCHS and U.S. Census Bureau did not collaborate and did not provide bridged-race population files to the states. Therefore, 2021 population files came directly from the U.S. Census website where the U.S. Census compiles and provides population files with five single-race categories and one multiple-race category

Beginning in 2021, race data shown in the mortality annual report are based on unbridged race categories which are one race alone or multiple race. Therefore, race data shown in the 2021 mortality report are not comparable with bridged race shown from 2003-2020. Data for 2021 are based on the boxes checked on the death certificate, with no review of "other race" or two or more races. If "other race" is checked alone, the race category is "other race". If two or more races are checked, then the race category was "multiple race". This resulted in an increase in the number of deaths coded to "other race" and "multiple race" in 2021 compared with "other race" and "multiple race" based on bridged-race data prior to 2021. Mortality data for single race prior to 2021 is available upon request.

## **Population**

### **Race and Ethnicity**

The Office of Management and Budget announced revisions to the standards for classification of federal data on race and ethnicity on October 30, 1997. These standards require that agencies offer individuals the opportunity to select one or more races when reporting information on race in federal data collections. The Census in 2000 was the first nationwide implementation of the revised standards.

The files released from the U.S. Census Bureau contained data for single race categories and a multiple race category. This presented a problem for vital rates for states which were not collecting

multiple race data on their death certificate. The population 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. For national vital statistics, "Other race" is assigned to one of the main race categories. Prior to 2021, 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. NCHS and U.S. Census Bureau did not produce the bridged-race population file in 2021.

In 2021, the U.S. Census Bureau provided unabridged population files based on one race and multiple race. The Census Bureau provided state-level files and county-level files to the states; however, there were differences between the state-level population files and the county-level population files.

- Statewide files included single age categories by sex, ethnicity, and one race or multiple race
- County files included 5-year age groups by sex, ethnicity, and one race or multiple race

The release of county-level population estimates based on 5-year age categories presented problems in calculating rates for non-five-year-age categories. For example, age-adjusted rates are based on the age categories: less than one year, 1-4 years, and 10-year age categories 5-14 years through 75-84 years, and 85 or more years. Calculating statewide age-adjusted rates was possible because there were population estimates for each age category used to calculate age-adjusted rates on the statewide population file. The county-level population file did not include an age category for age less than one year but did include an age category for 0-4 years. County-level population estimates used to calculate county-level age-adjusted rates were computed by the Idaho Bureau of Vital Records and Health Statistics using the number of births to residents of the county for the less than one year age category and using the population age group 0-4 years from U.S. Census minus the number of births for the 1-4 age category.

#### **Idaho Population Estimates for One Race and Multiple Race and Ethnicity, July 1, 2021**

One Race and Multiple Race and Ethnicity	July 1, 2021	
	Number	Percent
Total	1,900,923	100.0%
One Race		
White	1,764,099	92.8%
Black	17,786	0.9%
American Indian or Alaskan Native	33,064	1.7%
Asian, Hawaiian or Pacific Islander	35,133	1.8%
Two or More Races	50,841	2.7%
Ethnicity		
Not Hispanic or Latino	1,649,004	86.7%
Hispanic or Latino	251,919	13.3%

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