



IDAHO VITAL STATISTICS

Mortality 2022

Bureau of Vital Records and Health Statistics
Division of Public Health
January 2024

2022 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.

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

Maternal Mortality

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

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

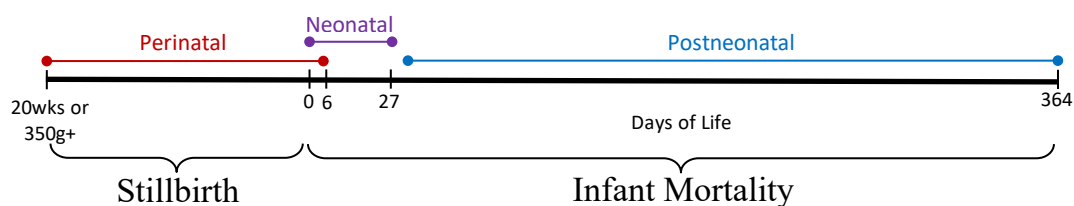
Late Maternal Mortality

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, DATA COLLECTION, AND RESIDENCY

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 to be provided to the decedent's state of residence when an event occurs to a non-resident in their registration area. The cut-off date for Idaho death records to be included in for analysis was September 11, 2023, and the cut-off date for stillbirth records was October 5, 2023. 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.

Residency

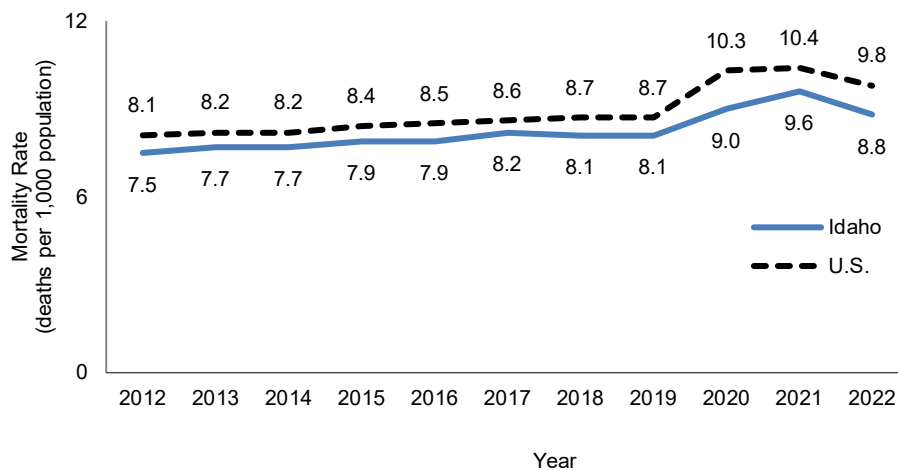
A decedent's address listed on the death certificate is provided by an informant who is usually the decedent's next of kin. Typically, the address is the decedent's last known physical address; however, there are exceptions. Some decedents, at the time of their death, reside in a facility such as a nursing home, long-term care facility, hospice, or temporary housing (college dorm, off-campus housing, or seasonal housing). The informant may or may not report the facility or temporary housing as the decedent's address on the death certificate. There are times when the informant reports the decedent's home address as the one prior to living in a facility or temporary housing. Therefore, it is possible for someone living in Idaho at the time of death to not be listed as an Idaho resident on the death certificate; this will occur when a decedent's home address is not in Idaho. When such circumstances occur, the decedent's death certificate is sent to the listed state of residence to be included in that state's residence statistics and the information on the death certificate will not be included in Idaho resident statistics such as age, sex, race, and ethnicity.

MORTALITY

U.S. and Idaho Mortality

The mortality rate in the U.S. was 10.3 per 1,000 population in 2020 and increased slightly to 10.4 deaths per 1,000 in 2021 and decreased to 9.8 in 2022.¹ In 2021, there were 3,464,231 deaths in the U.S. compared with 3,279,528 deaths in 2022.¹ In 2020, 16,397 Idahoans died, and the death rate was 9.0 per 1,000 population. 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. From 2021 to 2022, the number of Idaho deaths decreased 6.6 percent to 17,115 deaths in 2022 and the mortality rate decreased 8.5 percent to 8.8 per 1,000 in 2022.

**U.S., IDAHO RESIDENT DEATH RATES
2012-2022**



In 2021, the leading cause of mortality in the U.S. was Diseases of heart, followed by Malignant neoplasms (cancer).¹ The ten leading causes in mortality in the U.S. in 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 9th rank in which Influenza and pneumonia was ranked 9th in 2020 and Chronic liver disease and cirrhosis was ranked 9th 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. National Vital Statistics System, Provisional Mortality on CDC WONDER Online Database. Data are from the final Multiple Cause of Death Files, 2018-2021, and from provisional data for years 2022. Accessed on Nov 6, 2023.

Idaho Leading Causes of Mortality

In 2021 and 2022, Diseases of heart was the leading cause of mortality, Malignant neoplasms (cancer) was the 2nd leading cause of mortality. In 2021, COVID-19 was the 3rd leading cause of death among Idahoans; in 2022, Accidental death was the 3rd leading cause of death. From 2021 to 2022, the ten leading causes of deaths remained the same for Idahoans except for Accidental deaths which increased from 4th to 3rd, Chronic lower respiratory diseases which increased from 5th to 4th, Alzheimer's disease which increased from 6th to 5th, and COVID-19 which decreased from 3rd leading cause to 6th leading cause.

Idaho Resident Leading Causes of Mortality in 2022

Cause of Death	Idaho 2022	
	Rank	Deaths
Diseases of heart	1	3,479
Malignant neoplasms	2	3,127
Accident	3	1,158
Chronic lower respiratory diseases	4	984
Alzheimer's disease	5	845
COVID-19	6	820
Cerebrovascular diseases	7	762
Diabetes mellitus	8	473
Suicide	9	441
Chronic liver disease and cirrhosis	10	314

Idaho Leading Causes of Mortality Ranked by Percent Change in Age-Adjusted Rate from 2021 to 2022

Cause of Death	Age-Adjusted Rate		Percent Change	
	2021	2022		
Suicide	20.5	22.0	7.3%	▲
Chronic lower respiratory diseases	42.4	41.5	-2.1%	▼
Alzheimer's disease	40.5	39.4	-2.7%	▼
Accident	60.1	57.6	-4.2%	▼
Malignant neoplasms	140.3	133.3	-5.0%	▼
Diseases of heart	166.4	155.8	-6.4%	▼
Cerebrovascular diseases	36.8	34.3	-6.8%	▼
Chronic liver disease and cirrhosis	16.6	14.1	-15.1%	▼
Diabetes mellitus	24.4	20.5	-16.0%	▼
COVID-19	112.3	36.2	-67.8%	▼

*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 2021 to 2022. ▼ Rate decreased from 2021 to 2022.

Idaho Leading Causes by Sex

In 2022, the leading cause of death for males and females was Diseases of heart. Males had a higher mortality rate than females for nine of the ten leading causes of mortality. Females had a higher mortality rate than males for Alzheimer's disease.

Idaho Resident Leading Causes of Mortality by Sex in 2022

Cause of Death	Age-Adjusted Rate		Male:Female Rate	
	Male	Female	Ratio	
Diseases of heart	193.5	123.1	1.6	*
Malignant neoplasms	155.3	115.4	1.3	*
Accident	75.2	40.5	1.9	*
Chronic lower respiratory diseases	43.3	40.3	1.1	
Alzheimer's disease	32.6	44.2	0.7	*
COVID-19	47.1	27.2	1.7	*
Cerebrovascular diseases	34.4	33.9	1.0	
Diabetes mellitus	24.9	16.4	1.5	*
Suicide	34.4	9.8	3.5	*
Chronic liver disease and cirrhosis	17.8	10.6	1.7	*

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

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

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

In 2022, the average age at death for Idahoans was 73.6 compared with 72.9 in 2021 and 74.0 years in 2020.

For Idahoans, life expectancy at birth was 77.1 years in 2022 which was a slight increase from 77.0 years and 78.5 years in 2020. For Idaho males, life expectancy was 75.4 in 2022 and for females, life expectancy at birth was 78.8 years. Life expectancy at birth was 76.4 years for the total U.S. population in 2021. For male total population, life expectancy was 73.5 in 2021, and for females, life expectancy at birth was 79.3 years¹.

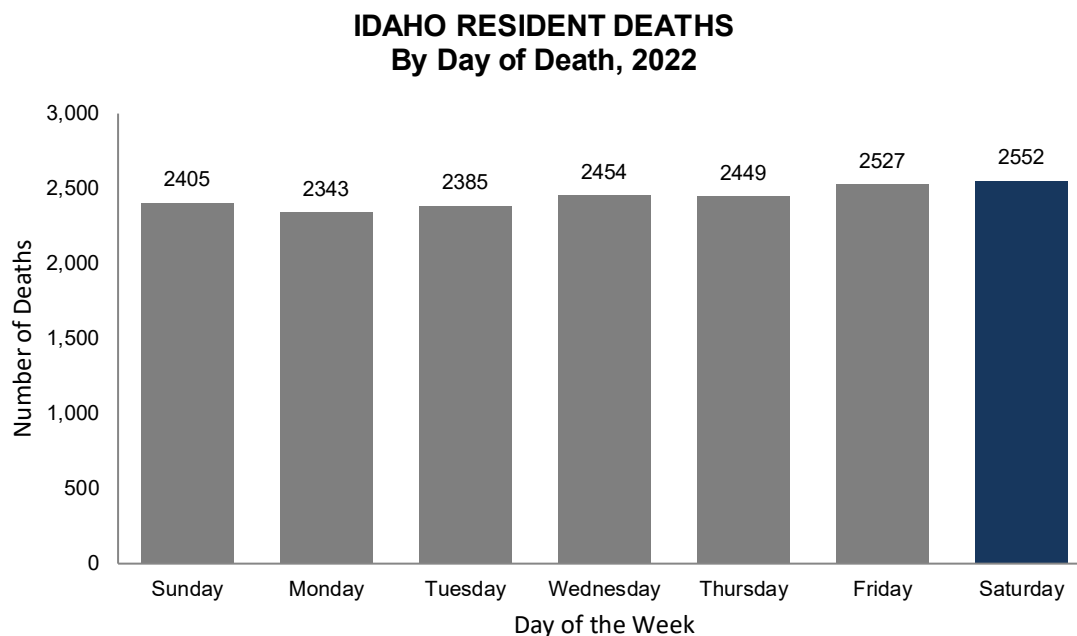
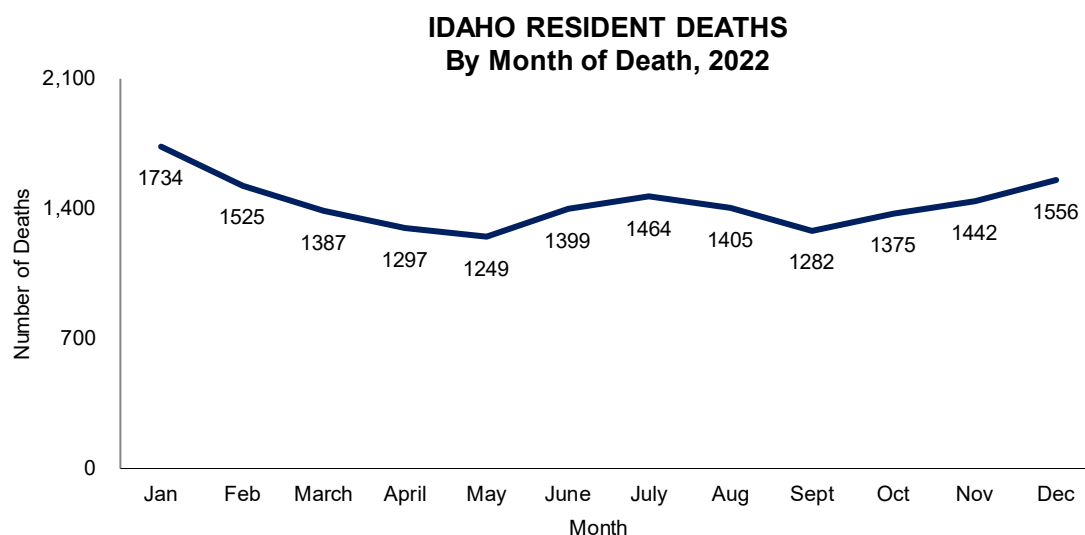
Idaho Resident Average Age and Oldest Age at Death (In Years) in 2022

	Number	Average age	Oldest age
Total	17,115	73.6	109
Sex			
Female	819	76.3	109
Male	9,096	71.2	105
Ethnicity			
Non-Hispanic	16,381	74.2	109
Hispanic	713	61.5	103
Unknown	21	NA	NA
Race			
White	16,375	74.0	109
Black	76	56.7	87
American Indian or Alaskan Native	226	62.5	94
Asian, Hawaiian or Pacific Islander	143	70.5	102
Other	121	65.5	98
Multiple	146	66.3	99
Unknown	28	NA	NA
Cause of Death			
Diseases of heart	3,479	78.4	107
Malignant neoplasms	3,127	72.9	105
Accident	1,158	58.5	105
Chronic lower respiratory diseases	984	76.1	102
Alzheimer's disease	845	85.7	104
COVID-19	820	74.9	109
Cerebrovascular diseases	762	80.1	102
Diabetes mellitus	473	71.2	98
Suicide	441	46.6	96
Chronic liver disease and cirrhosis	314	60.9	94
Parkinson's disease	243	81.0	96
Influenza and pneumonia	200	74.7	101

1. "Mortality in the United States, 2021," NCHS Data Brief, No. 456 National Center for Health Statistics, December 2022.

Idaho Month and Day of the Week of Death

In 2020, there were an average of 44.9 deaths per day among Idaho residents; in 2021 there were 50.2 deaths per day and in 2022, there were 46.9 deaths per day. January 2022 had the most deaths in 2022 compared with other months, and January had the most deaths per day on average (55.9 deaths per day). May had the fewest deaths compared with the other months and had the fewest deaths per day on average (40.3 per day). The number of deaths per day ranged from a low of 28 deaths on May 19, to a high of 76 deaths on February 9, 2022.



Out-of-State Resident Deaths

In 2022, 778 non-residents died in Idaho compared with 881 non-residents who died in Idaho in 2021. Most of these deaths were residents from neighboring states: Oregon (277 deaths), Washington (192 deaths), California (58 deaths), Wyoming (54 deaths), Nevada (46 deaths), Utah (36 deaths), Montana (34 deaths), and 131 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
2018-2022

RESIDENCE	2022*		2021		2020		2019		2018	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
U.S. ¹	9.8		10.4		10.3		8.7		8.7	
IDAHO	17,115	8.8	18,334	9.6	16,397	9.0	14,430	8.1	14,263	8.1
District 1	2,878	10.6	3,222	12.1	2,591	10.3	2,537	10.3	2,406	10.0
District 2	1,346	11.8	1,366	12.2	1,181	10.6	1,048	9.5	1,086	9.9
District 3	2,984	9.1	3,129	9.9	2,795	9.1	2,382	8.0	2,377	8.2
District 4	4,355	7.7	4,576	8.2	4,201	7.8	3,633	6.9	3,473	6.7
District 5	1,993	9.3	2,061	9.8	2,015	9.9	1,734	8.6	1,673	8.4
District 6	1,751	9.5	1,930	10.7	1,754	9.8	1,477	8.4	1,620	9.3
District 7	1,806	7.0	2,050	8.1	1,860	8.0	1,619	7.1	1,628	7.3
Ada	3,919	7.6	4,141	8.1	3,801	7.7	3,276	6.8	3,136	6.7
Adams	59	12.2	55	11.9	45	10.1	40	9.3	44	10.4
Bannock	885	9.9	936	10.6	855	9.6	730	8.3	798	9.2
Bear Lake	61	9.1	80	12.2	80	13.0	55	9.0	66	10.9
Benewah	143	13.8	159	16.0	121	12.8	136	14.6	108	11.7
Bingham	464	9.3	504	10.3	472	10.0	380	8.1	418	9.0
Blaine	144	5.8	156	6.3	140	6.0	135	5.9	101	4.5
Boise	73	8.8	94	11.6	74	9.2	64	8.2	57	7.5
Bonner	557	10.8	620	12.5	478	10.2	482	10.5	440	9.8
Bonneville	999	7.7	1,102	8.6	1,103	9.0	948	8.0	949	8.1
Boundary	144	10.8	179	14.3	137	10.8	113	9.2	119	10.0
Butte	36	13.4	47	17.7	36	13.6	31	11.9	38	14.6
Camas	5	4.3	6	5.3	13	11.5	14	12.7	13	11.5
Canyon	2,086	8.3	2,132	8.8	1,922	8.1	1,618	7.0	1,649	7.4
Caribou	71	9.9	78	11.0	88	12.4	68	9.5	60	8.5
Cassia	236	9.2	234	9.3	229	9.4	214	8.9	214	9.0
Clark	5	6.2	10	12.6	4	4.7	6	7.1	5	5.9
Clearwater	146	16.2	132	14.8	124	14.0	95	10.9	101	11.5
Custer	54	12.0	69	15.6	52	12.2	46	10.7	55	12.9
Elmore	264	9.0	240	8.3	234	8.5	216	7.9	215	7.9
Franklin	128	8.4	134	9.1	104	7.3	100	7.2	126	9.2
Fremont	132	9.4	165	12.1	129	9.8	106	8.1	101	7.7
Gem	237	11.6	301	15.2	258	13.8	210	11.6	231	13.1
Gooding	180	11.5	170	10.8	200	12.8	130	8.6	133	8.8
Idaho	223	12.7	256	15.0	209	12.4	192	11.5	208	12.6
Jefferson	229	6.9	251	7.8	199	6.5	170	5.7	181	6.1
Jerome	215	8.5	243	9.9	187	7.6	174	7.1	157	6.5
Kootenai	1,821	9.9	2,018	11.2	1,662	9.7	1,616	9.8	1,572	9.7
Latah	300	7.3	304	7.5	250	6.1	200	5.0	219	5.5
Lemhi	119	14.4	149	18.3	133	16.5	111	13.8	118	14.8
Lewis	59	15.7	66	17.8	52	13.5	52	13.5	51	13.2
Lincoln	41	7.7	38	7.2	53	9.9	41	7.6	55	10.3
Madison	212	3.9	234	4.3	193	4.8	171	4.3	173	4.4
Minidoka	209	9.4	228	10.4	209	9.9	222	10.6	210	10.1
Nez Perce	618	14.4	608	14.3	546	13.4	509	12.6	507	12.5
Oneida	47	10.0	63	13.7	44	9.7	46	10.2	55	12.3
Owyhee	130	10.3	140	11.3	140	11.5	109	9.2	105	9.0
Payette	301	11.2	338	12.8	270	10.9	259	10.8	239	10.1
Power	59	7.3	88	11.1	75	9.8	67	8.7	59	7.6
Shoshone	213	15.2	246	18.1	193	14.9	190	14.7	167	13.1
Teton	56	4.5	70	5.7	47	3.8	61	5.0	46	4.0
Twin Falls	963	10.3	986	10.7	984	11.1	804	9.3	790	9.2
Valley	99	7.9	101	8.3	92	7.8	77	6.8	65	5.9
Washington	171	15.4	163	15.0	160	15.4	146	14.3	109	10.7

Rates are deaths per 1,000 population. *There were 2 deaths in 2022 in which the place of residence was unknown.

¹Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2022 on CDC WONDER Online Database, released January 2023. Rate for U.S. in 2022 is preliminary.

IDAHO RESIDENT MORTALITY
Age at Death
2022

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*	17,115	116	16	45	193	352	481	842	1,890	3,462	4,738	4,980
District 1	2,878	18	2	6	24	48	63	121	304	615	817	860
District 2	1,346	6	1	5	17	20	34	56	133	284	371	419
District 3	2,984	24	4	9	32	55	92	162	335	643	846	782
District 4	4,355	27	3	6	55	94	115	223	469	827	1,181	1,355
District 5	1,993	11	3	11	22	52	54	101	235	377	534	593
District 6	1,751	11	1	4	23	45	67	85	213	365	485	452
District 7	1,806	19	2	4	20	38	55	94	201	351	503	519
Ada	3,919	23	2	6	52	88	101	209	400	726	1,064	1,248
Adams	59	-	1	-	1	-	1	2	3	21	15	15
Bannock	885	4	-	2	12	24	43	48	114	170	245	223
Bear Lake	61	1	-	-	-	-	-	1	8	16	19	16
Benewah	143	1	-	1	2	3	2	10	15	30	40	39
Bingham	464	4	1	-	9	16	14	25	57	102	117	119
Blaine	144	1	-	1	3	6	2	10	15	30	40	36
Boise	73	2	-	-	-	1	2	2	8	23	21	14
Bonner	557	3	1	1	3	11	10	19	58	132	179	140
Bonneville	999	15	1	2	10	21	32	60	110	179	260	309
Boundary	144	2	-	-	2	4	4	1	18	31	43	39
Butte	36	-	-	-	-	1	2	-	5	13	12	3
Camas	5	-	-	-	-	-	-	1	1	2	1	-
Canyon	2,086	21	2	7	24	46	68	119	252	432	591	524
Caribou	71	1	-	1	1	-	3	2	9	13	20	21
Cassia	236	2	1	1	4	5	6	9	22	42	60	84
Clark	5	-	-	1	-	-	-	-	1	-	1	2
Clearwater	146	-	-	-	1	2	5	10	13	35	40	40
Custer	54	-	-	-	-	-	1	3	9	16	17	8
Elmore	264	2	1	-	2	4	11	11	46	43	71	73
Franklin	128	1	-	-	-	1	5	7	11	32	35	36
Fremont	132	-	-	1	2	2	2	7	13	27	48	30
Gem	237	-	1	-	1	1	7	11	22	52	57	85
Gooding	180	-	-	-	2	7	4	6	18	42	44	57
Idaho	223	1	-	1	1	4	4	2	24	60	64	62
Jefferson	229	1	1	-	4	6	8	11	33	59	51	55
Jerome	215	1	1	1	4	5	6	13	23	42	60	59
Kootenai	1,821	12	1	4	15	30	36	83	185	368	498	589
Latah	300	1	-	3	6	2	8	14	22	66	90	88
Lemhi	119	1	-	-	-	3	1	1	7	31	40	35
Lewis	59	-	-	1	-	1	3	1	12	13	16	12
Lincoln	41	-	-	-	-	1	1	-	4	8	15	12
Madison	212	2	-	-	2	4	5	6	23	28	68	74
Minidoka	209	2	-	2	1	7	5	9	37	35	56	55
Nez Perce	618	4	1	-	9	11	14	29	62	110	161	217
Oneida	47	-	-	-	-	2	-	2	5	7	16	15
Owyhee	130	2	-	1	2	4	2	7	20	28	35	29
Payette	301	1	-	1	1	4	12	14	23	71	94	80
Power	59	-	-	1	1	1	-	-	4	12	21	19
Shoshone	213	-	-	-	2	-	11	8	28	54	57	53
Teton	56	-	-	-	2	2	6	6	5	11	18	6
Twin Falls	963	5	1	6	8	21	30	53	115	176	258	290
Valley	99	-	-	-	1	1	1	1	15	35	25	20
Washington	171	-	-	-	3	-	2	9	15	39	54	49

*There were 2 deaths among Idaho residents in 2022 with place of residence unknown (persons aged 35-44 and 75-84).

IDAHO RESIDENT MORTALITY
Sex, One Race or Multiple Race, and Ethnicity¹
2022

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*	9,096	8,019	16,375	76	226	143	121	146	28	16,381	713	21
District 1	1,545	1,333	2,767	5	32	14	30	14	16	2,812	56	10
District 2	725	621	1,270	7	55	3	4	7	-	1,330	16	-
District 3	1,564	1,420	2,886	11	17	24	16	27	3	2,748	234	2
District 4	2,320	2,035	4,152	36	20	71	36	38	2	4,217	136	2
District 5	1,087	906	1,913	2	7	7	21	43	-	1,853	138	2
District 6	911	840	1,616	8	88	17	8	9	5	1,681	67	3
District 7	942	864	1,769	7	7	7	6	8	2	1,738	66	2
Ada	2,050	1,869	3,745	29	19	67	22	35	2	3,801	116	2
Adams	36	23	55	-	2	1	-	1	-	59	-	-
Bannock	466	419	808	5	42	13	5	8	4	854	29	2
Bear Lake	26	35	60	-	-	-	1	-	-	59	2	-
Benewah	85	58	135	-	8	-	-	-	-	141	2	-
Bingham	245	219	412	3	41	4	2	1	1	434	29	1
Blaine	88	56	143	-	-	1	-	-	-	136	8	-
Boise	53	20	72	1	-	-	-	-	-	71	2	-
Bonner	294	263	535	2	1	4	12	2	1	549	6	2
Bonneville	496	503	973	7	5	6	1	6	1	957	41	1
Boundary	72	72	135	-	3	2	4	-	-	140	4	-
Butte	20	16	36	-	-	-	-	-	-	36	-	-
Camas	3	2	5	-	-	-	-	-	-	5	-	-
Canyon	1,078	1,008	2,016	10	11	13	14	20	2	1,895	190	1
Caribou	31	40	71	-	-	-	-	-	-	71	-	-
Cassia	114	122	229	-	2	-	3	2	-	216	19	1
Clark	4	1	5	-	-	-	-	-	-	5	-	-
Clearwater	94	52	143	-	3	-	-	-	-	144	2	-
Custer	31	23	53	-	-	1	-	-	-	53	1	-
Elmore	148	116	239	5	1	4	14	1	-	247	17	-
Franklin	69	59	126	-	2	-	-	-	-	125	3	-
Fremont	71	61	131	-	-	-	-	1	-	128	4	-
Gem	129	108	228	1	1	2	2	3	-	230	7	-
Gooding	88	92	170	-	1	-	6	3	-	172	8	-
Idaho	125	98	213	1	8	-	-	1	-	221	2	-
Jefferson	123	106	226	-	1	-	1	1	-	218	11	-
Jerome	112	103	211	-	-	-	-	4	-	191	24	-
Kootenai	976	845	1,752	3	19	8	13	12	14	1,772	41	8
Latah	160	140	289	3	4	2	1	1	-	298	2	-
Lemhi	73	46	116	-	1	-	1	-	1	116	2	1
Lewis	35	24	56	-	3	-	-	-	-	59	-	-
Lincoln	21	20	40	-	-	-	1	-	-	38	3	-
Madison	107	105	212	-	-	-	-	-	-	208	4	-
Minidoka	123	86	200	-	2	1	5	1	-	172	36	1
Nez Perce	311	307	569	3	37	1	3	5	-	608	10	-
Oneida	24	23	46	-	1	-	-	-	-	47	-	-
Owyhee	74	56	124	-	3	1	-	2	-	118	12	-
Payette	154	147	295	-	-	5	-	1	-	284	17	-
Power	30	29	57	-	2	-	-	-	-	55	4	-
Shoshone	118	95	210	-	1	-	1	-	1	210	3	-
Teton	37	19	53	-	-	-	3	-	-	53	3	-
Twin Falls	538	425	915	2	2	5	6	33	-	923	40	-
Valley	69	30	96	1	-	-	-	2	-	98	1	-
Washington	93	78	168	-	-	2	-	-	1	162	8	1

¹Race 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. See technical notes for more information.

*There were 2 deaths among Idaho residents in 2022 in which the place of residence was unknown (both persons were white males).

IDAHO RESIDENT MORTALITY
Leading Causes of Mortality
Cause-Specific Crude and Age-Adjusted Rates¹
2022

RANK FOR IDAHO AND CAUSE OF DEATH	Deaths		Crude Rate	Age-Adjusted Rate
	Number	Percent	Idaho ²	Idaho ²
TOTAL	17,115	100.0%	882.7	769.3
1. Diseases of heart	3,479	20.3%	179.4	155.8
2. Malignant neoplasms	3,127	18.3%	161.3	133.3
3. Accident	1,158	6.8%	59.7	57.6
4. Chronic lower respiratory diseases	984	5.7%	50.7	41.5
5. Alzheimer's disease	845	4.9%	43.6	39.4
6. COVID-19	820	4.8%	42.3	36.2
7. Cerebrovascular diseases	762	4.5%	39.3	34.3
8. Diabetes mellitus	473	2.8%	24.4	20.5
9. Suicide	441	2.6%	22.7	22.0
10. Chronic liver disease and cirrhosis	314	1.8%	16.2	14.1
11. Parkinson's disease	243	1.4%	12.5	10.8
12. Influenza and pneumonia	200	1.2%	10.3	9.3
13. Nutritional deficiencies	198	1.2%	10.2	9.2
14. Nephritis, nephrotic syndrome, nephrosis	175	1.0%	9.0	7.5
Essential (primary) hypertension and hypertensive				
15. renal disease	147	0.9%	7.6	6.6
All other causes	3,749	21.9%	NA	NA

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

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

²Idaho rates are based on the July 1, 2022 population estimates.

IDAHO RESIDENT MORTALITY
Leading Causes of Mortality by Sex
Cause-Specific Crude and Age-Adjusted Rates¹
2022

MALES				
RANK FOR IDAHO AND CAUSE OF DEATH	Deaths			
	Number	Percent	Crude Rate	Age-Adjusted Rate
TOTAL	9,096	100.0%	930.9	887.9
1. Diseases of heart	1,952	21.5%	199.8	193.5
2. Malignant neoplasms	1,697	18.7%	173.7	155.3
3. Accidents	721	7.9%	73.8	75.2
4. Covid-19	487	5.4%	49.8	47.1
5. Chronic lower respiratory diseases	472	5.2%	48.3	43.3
6. Cerebrovascular diseases	344	3.8%	35.2	34.4
Tie Intentional self-harm (suicide)	344	3.8%	35.2	34.4
8. Alzheimer's disease	298	3.3%	30.5	32.6
9. Diabetes mellitus	272	3.0%	27.8	24.9
10. Chronic liver disease and cirrhosis	197	2.2%	20.2	17.8
11. Parkinson's disease	147	1.6%	15.0	15.1
12. Nephritis, nephrotic syndrome, nephrosis	94	1.0%	9.6	9.1
13. Influenza and pneumonia	90	1.0%	9.2	8.9
14. Essential (primary) hypertension and hypertensive renal disease	67	0.7%	6.9	6.8
15. Nutritional deficiencies	64	0.7%	6.5	7.0
All other causes	1,850	20.3%	NA	NA

FEMALES				
RANK FOR IDAHO AND CAUSE OF DEATH	Deaths			
	Number	Percent	Crude Rate	Age-Adjusted Rate
TOTAL	8,019	100.0%	833.7	661.4
1. Diseases of heart	1,527	19.0%	158.7	123.1
2. Malignant neoplasms	1,430	17.8%	148.7	115.4
3. Alzheimer's disease	547	6.8%	56.9	44.2
4. Chronic lower respiratory diseases	512	6.4%	53.2	40.3
5. Accidents	437	5.4%	45.4	40.5
6. Cerebrovascular diseases	418	5.2%	43.5	33.9
7. Covid-19	333	4.2%	34.6	27.2
8. Diabetes mellitus	201	2.5%	20.9	16.4
9. Nutritional deficiencies	134	1.7%	13.9	10.8
10. Chronic liver disease and cirrhosis	117	1.5%	12.2	10.6
11. Influenza and pneumonia	110	1.4%	11.4	9.2
12. Intentional self-harm (suicide)	97	1.2%	10.1	9.8
13. Parkinson's disease	96	1.2%	10.0	7.7
14. Nephritis, nephrotic syndrome, nephrosis	81	1.0%	8.4	6.3
15. Essential (primary) hypertension and hypertensive renal disease	80	1.0%	8.3	6.4
All other causes	1,899	23.7%	NA	NA

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

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

Idaho rates are based on the July 1, 2022 population estimates.

IDAHO RESIDENT MORTALITY

Ten Leading Causes of Mortality¹ by Age Group and Number of Deaths 2022

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 6	Suicide 12	Unintentional injury 73	Unintentional injury 151	Unintentional injury 138	Malignant neoplasms (cancer) 155	Malignant neoplasms (cancer) 469	Malignant neoplasms (cancer) 910	Diseases of heart 976	Diseases of heart 1,325	Diseases of heart 3,479
2	Short gestation and low birth weight 17	Congenital malformations 3	Malignant neoplasms (cancer) 5	Suicide 63	Suicide 78	Suicide 56	Unintentional injury 133	Diseases of heart 336	Diseases of heart 655	Malignant neoplasms (cancer) 949	Malignant neoplasms (cancer) 560	Malignant neoplasms (cancer) 3,127
3	Unintentional injury 9		(TIE) Unintentional injury; Congenital malformations 4	Assault (homicide) 15	Malignant neoplasms (cancer) 22	Malignant neoplasms (cancer) 53	Diseases of heart 123	Unintentional injury 132	Chronic lower respiratory diseases 283	Chronic lower respiratory diseases 342	Alzheimer's disease 495	Unintentional injury 1,158
4	Maternal complications of pregnancy 8			(TIE) Malignant neoplasms (cancer); Diabetes mellitus 4	Chronic liver disease and cirrhosis 10	Diseases of heart 50	Suicide 64	Unintentional injury 110	COVID-19 187	Alzheimer's disease 274	Cerebro-vascular diseases 322	Chronic lower respiratory diseases 984
5	Sudden infant death syndrome 6		(TIE) Influenza and pneumonia; Chronic lower respiratory disease 2		Diseases of heart 8	Chronic liver disease and cirrhosis 32	Chronic liver disease and cirrhosis 51	COVID-19 101	Diabetes mellitus 140	COVID-19 233	COVID-19 231	Alzheimer's disease 845
6	Bacterial sepsis of newborn 5			COVID-19 3	Cerebro-vascular diseases 6	(TIE) COVID-19; Diabetes mellitus 16	COVID-19 43	Chronic liver disease and cirrhosis 91	Cerebro-vascular diseases 130	Cerebro-vascular diseases 230	Chronic lower respiratory diseases 229	COVID-19 820
7	Diseases of the circulatory system 4			(TIE) Diseases of heart; Influenza and pneumonia 2	Assault (homicide) 5		Diabetes mellitus 33	Suicide 72	Unintentional injury 121	Unintentional injury 171	Unintentional injury 220	Cerebro-vascular diseases 762
8	Neonatal hemorrhage 3				COVID-19 4	Assault (homicide) 12	Cerebro-vascular diseases 17	Diabetes mellitus 64	Chronic liver disease and cirrhosis 84	Diabetes mellitus 130	Nutritional deficiencies 108	Diabetes mellitus 473
9	(TIE) ³ 2				(TIE) ⁴ 3	Influenza and pneumonia 7	Chronic lower respiratory diseases 13	Cerebro-vascular diseases 53	Alzheimer's disease 70	Parkinson's disease 110	Parkinson's disease 87	Suicide 441
10						(TIE) ⁵ 4	Influenza and pneumonia 12	Septicemia 22	Suicide 52	Nephritis 66	Diabetes mellitus 82	Chronic liver disease and cirrhosis 314
Residual ²	33	7	16	27	56	93	198	440	830	1,257	1,321	4,712
Total	116	16	45	193	352	481	842	1,890	3,462	4,738	4,980	17,115

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

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

³ Tie at rank 9 for <1 year: Complications of medical and surgical care; Complications of placenta, cord, and membranes; pulmonary hemorrhage originating in the perinatal period

⁴ Tie at rank 9 for age 25-34 years: Diabetes mellitus; Congenital malformations; Chronic lower respiratory diseases; Pregnancy, childbirth, and the puerperium.

⁵ Tie at rank 10 for age 35-44 years: Cerebrovascular diseases; Pregnancy, childbirth, and the puerperium.

IDAHO MALE RESIDENT MORTALITY
Ten Leading Causes of Mortality¹ by Age Group and Number of Deaths
2022

	AGE GROUP											
RANK	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	ALL AGES
1	Congenital malformations 15	Unintentional injury 3	Suicide 7	Unintentional injury 52	Unintentional injury 108	Unintentional injury 102	Diseases of heart 96	Malignant neoplasms (cancer) 243	Malignant neoplasms (cancer) 518	Diseases of heart 573	Diseases of heart 590	Diseases of heart 1,952
2	Short gestation and low birth weight 8		Unintentional injury 4	Suicide 46	Suicide 62	Suicide 45	Unintentional injury 93	Diseases of heart 227	Diseases of heart 424	Malignant neoplasms (cancer) 533	Malignant neoplasms (cancer) 280	Malignant neoplasms (cancer) 1,697
3	Maternal complications of pregnancy 6		(TIE) Malignant neoplasms (cancer); Congenital malformations 2	Assault (homicide) 12	Malignant neoplasms (cancer) 13	Diseases of heart 34	Malignant neoplasms (cancer) 86	Unintentional injury 82	Chronic lower respiratory diseases 153	Chronic lower respiratory diseases 166	Alzheimer's disease 154	Unintentional injury 721
4	Unintentional injury 4			COVID-19 3	(TIE) Assault (homicide); Diseases of heart; Chronic liver disease and cirrhosis 21	(TIE) Malignant neoplasms (cancer); Chronic liver disease and cirrhosis 21	Suicide 50	COVID-19 68	COVID-19 117	COVID-19 137	COVID-19 122	COVID-19 487
5	Bacterial sepsis of newborn 3			Diseases of heart 2			Chronic liver disease and cirrhosis 31	Chronic liver disease and cirrhosis 58	Diabetes mellitus 87	Alzheimer's disease 109	Cerebro-vascular diseases 117	Chronic lower respiratory diseases 472
6	Sudden infant death syndrome 2						COVID-19 10	COVID-19 27	Suicide 55	Unintentional injury 77	Cerebro-vascular diseases 107	Unintentional injury 101
7					Cerebro-vascular diseases 4	Assault (homicide) 9	Diabetes mellitus 24	Chronic lower respiratory diseases 49	Cerebro-vascular diseases 73	Unintentional injury 95	Chronic lower respiratory diseases 96	
8					(TIE) COVID-19; Diabetes mellitus 3	Diabetes mellitus 8	Cerebro-vascular diseases 8	Diabetes mellitus 39	Chronic liver disease and cirrhosis 55	Diabetes mellitus 74	Parkinson's disease 53	Alzheimer's disease 298
9						Influenza and pneumonia 6	(TIE) Assault (homicide); Influenza and pneumonia 7	Cerebro-vascular diseases 34	Suicide 39	Parkinson's disease 69	Diabetes mellitus 35	Diabetes mellitus 272
10						(TIE) ³ 2		Legal intervention 3	Influenza and pneumonia 12	Alzheimer's disease 32	Nephritis 40	Nutritional deficiencies 33
Residual ²	18	5	11	21	36	50	116	253	455	628	506	2,312
Total	56	8	26	136	248	309	545	1,120	2,030	2,531	2,087	9,096

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

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

³Tie at rank 10 for age group 25-34: Legal intervention and Influenza and Pneumonia

IDAHO FEMALE RESIDENT MORTALITY
Ten Leading Causes of Mortality¹ by Age Group and Number of Deaths
2022

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 10	Unintentional injury 3	Suicide 5	Unintentional injury 21	Unintentional injury 43	Unintentional injury 36	Malignant neoplasms (cancer) 69	Malignant neoplasms (cancer) 226	Malignant neoplasms (cancer) 392	Malignant neoplasms (cancer) 416	Diseases of heart 735	Diseases of heart 1,527
2	Short gestation and low birth weight 9	Congenital malformations 2	Malignant neoplasms (cancer) 3	Suicide 17	Suicide 16	Malignant neoplasms (cancer) 32	Unintentional injury 40	Diseases of heart 109	Diseases of heart 231	Diseases of heart 403	Alzheimer's disease 341	Malignant neoplasms (cancer) 1,430
3	Unintentional injury 5		Congenital malformations 2	(TIE) Malignant neoplasms; Assault (homicide); Diabetes mellitus 3	Malignant neoplasms (cancer) 9	Diseases of heart 16	Diseases of heart 27	Chronic lower respiratory diseases 61	Chronic lower respiratory diseases 130	Chronic lower respiratory diseases 176	Malignant neoplasms (cancer) 280	Alzheimer's disease 547
4	Sudden infant death syndrome 4				Chronic liver disease and cirrhosis 5	(TIE) Suicide; Chronic liver disease and cirrhosis 11	Chronic liver disease and cirrhosis 20	Unintentional injury 50	COVID-19 70	Alzheimer's disease 165	Cerebro-vascular diseases 205	Chronic lower respiratory diseases 512
5	Diseases of the circulatory system 3				(TIE) Disease of heart; Pregnancy, childbirth, and the puerperium 3		COVID-19 16	(TIE) Chronic liver disease and cirrhosis; COVID-19 33	Cerebro-vascular diseases 57	Cerebro-vascular diseases 123	Chronic lower respiratory diseases 133	Unintentional injury 437
6	(TIE) Bacterial sepsis; Complications of medical and surgical care; Neonatal hemorrhage; Complications of placenta, cord, and membranes; Maternal complications of pregnancy 2					Diabetes mellitus 8	Suicide 14		Diabetes mellitus 53	COVID-19 96	Unintentional injury 119	Cerebro-vascular diseases 418
7				(TIE) Congenital malformation; Influenza and pneumonia; Chronic lower respiratory diseases; Cerebro-vascular diseases 2	(TIE) Congenital malformation; Influenza and pneumonia; Chronic lower respiratory diseases; Cerebro-vascular diseases 2	COVID-19 6	(TIE) Diabetes mellitus; Cerebro-vascular diseases 9	Diabetes mellitus 25	Unintentional injury 44	Unintentional injury 76	COVID-19 109	COVID-19 333
8						Pregnancy, childbirth, and puerperium 4		Cerebro-vascular diseases 19	Alzheimer's disease 38	Diabetes mellitus 56	Nutritional deficiencies 75	Diabetes mellitus 201
9						(TIE) Cerebro-vascular diseases; Assault (homicide) 3	Chronic lower respiratory diseases 8	Suicide 17	Chronic liver disease and cirrhosis 29	(TIE) Parkinson's disease; Nutritional deficiencies 41	Influenza and pneumonia 52	Nutritional deficiencies 134
10							Influenza and pneumonia 5	Septicemia 15	Nephritis 21		Diabetes mellitus 47	Chronic liver disease and cirrhosis 117
Residual ²	19	3	9	10	17	42	80	182	367	614	797	2,363
Total	60	8	19	57	104	172	297	770	1,432	2,207	2,893	8,019

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

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

YEARS OF POTENTIAL LIFE LOST BEFORE AGE 75
Ten Leading Causes of Mortality Based on Premature Death¹
Total and by Sex
2022

RANK AND CAUSE OF DEATH	Persons Aged Less than 75 Years		Years of Potential Life Lost (YPLL) Before Age 75		
	Number of Deaths	Percent of Deaths	Total Number of YPLL	YPLL Rate ²	Average Number of YPLL per Death
TOTAL	7,397	100.0%	119,038.5	6,583.7	16.1
1. Accidents (unintentional injury)	767	10.4%	22,881.5	1,265.5	29.8
2. Malignant neoplasms (cancer)	1,618	21.9%	17,877.0	988.7	11.0
3. Diseases of heart	1,178	15.9%	13,110.0	725.1	11.1
4. Intentional self-harm (suicide)	397	5.4%	12,627.5	698.4	31.8
5. Chronic liver disease and cirrhosis	268	3.6%	4,542.0	251.2	16.9
6. COVID-19	356	4.8%	4,370.0	241.7	12.3
7. Certain conditions originating in perinatal period	57	0.8%	4,196.5	232.1	73.6
8. Chronic lower respiratory diseases	413	5.6%	3,441.5	190.3	8.3
9. Diabetes mellitus	261	3.5%	3,356.5	185.6	12.9
10. Congenital malformations, deformations and chromosomal abnormalities	57	0.8%	2,905.5	160.7	51.0
MALES	4,478	100.0%	74,299.0	8,094.4	16.6
1. Accidents (unintentional injury)	525	11.7%	15,979.5	1,740.9	30.4
2. Intentional self-harm (suicide)	304	6.8%	9,573.0	1,042.9	31.5
3. Malignant neoplasms (cancer)	884	19.7%	9,328.0	1,016.2	10.6
4. Diseases of heart	789	17.6%	8,997.5	980.2	11.4
5. Chronic liver disease and cirrhosis	170	3.8%	2,823.0	307.5	16.6
6. COVID-19	228	5.1%	2,803.0	305.4	12.3
7. Certain conditions originating in the perinatal period	29	0.6%	2,124.5	231.4	73.3
8. Diabetes mellitus	163	3.6%	2,106.5	229.5	12.9
9. Chronic lower respiratory diseases	210	4.7%	1,611.0	175.5	7.7
10. Congenital malformations, deformations and chromosomal abnormalities	28	0.6%	1,535.0	167.2	54.8
FEMALES	2,919	100.0%	44,739.5	5,026.0	15.3
1. Malignant neoplasms (cancer)	734	25.1%	8,549.0	960.4	11.6
2. Accidents (unintentional injury)	242	8.3%	6,902.0	775.4	28.5
3. Diseases of heart	389	13.3%	4,112.5	462.0	10.6
4. Intentional self-harm (suicide)	93	3.2%	3,054.5	343.1	32.8
5. Certain conditions originating in the perinatal period	28	1.0%	2,072.0	232.8	74.0
6. Chronic lower respiratory diseases	203	7.0%	1,830.5	205.6	9.0
7. Chronic liver disease and cirrhosis	98	3.4%	1,719.0	193.1	17.5
8. COVID-19	128	4.4%	1,567.0	176.0	12.2
9. Congenital malformations, deformations and chromosomal abnormalities	29	1.0%	1,370.5	154.0	47.3
10. Diabetes mellitus	98	3.4%	1,250.0	140.4	12.8

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

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

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

IDAHO RESIDENT LIFE EXPECTANCY
Age in Years by Sex
2022

EXACT AGE IN YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING ($^{\circ}e_x$)		
	Total	Male	Female
0	77.1	75.4	78.8
1	76.5	74.8	78.3
5	72.5	70.8	74.3
10	67.6	65.9	69.4
15	62.6	60.9	64.4
20	57.8	56.1	59.5
25	53.0	51.5	54.7
30	48.4	46.9	49.9
35	43.7	42.4	45.1
40	39.1	37.8	40.4
45	34.4	33.3	35.7
50	30.0	28.9	31.1
55	25.6	24.6	26.5
60	21.4	20.6	22.2
65	17.3	16.7	18.0
70	13.4	12.9	13.9
75	9.6	9.3	9.9
80	6.1	5.9	6.2
85	2.5	2.5	2.5

U.S. life expectancy in 2021 was 76.4 years, 73.5 years for males, and 79.3 years for females.¹

IDAHO RESIDENT LIFE EXPECTANCY AT BIRTH
By District of Residence
2022

Residence	Total	Male	Female
IDAHO	77.1	75.4	78.8
District 1	77.1	75.1	79.1
District 2	75.6	73.9	77.7
District 3	76.2	74.7	77.9
District 4	78.4	76.9	80.1
District 5	76.3	74.3	78.4
District 6	75.4	73.8	77.0
District 7	77.5	76.1	79.0

IDAHO RESIDENT LIFE EXPECTANCY AT BIRTH
By Year, 2018-2022

Year	Total	Male	Female
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
2022	77.1	75.4	78.8

Life expectancy at birth represents the average number of years a group of infants born in 2022 would live if the group was to experience throughout life the age-specific death rates present in 2022.

See Technical Notes for methodology.

1. "Mortality in the United States, 2021," NCHS Data Brief; No. 456, National Center for Health Statistics, December 2022.

IDAHO RESIDENT MORTALITY
Malignant Neoplasm (Cancer) Mortality by Primary Site of Cancer
2022

RESIDENCE	TOTAL	Trachea, Bronchus and Lung	Colon, Rectum, and Anus	Breast	Pancreas	Prostate	Liver and Intrahepatic Bile Ducts	Leukemia
IDAHO	3,127	582	274	247	244	212	153	135
Rate	161.3	30.0	14.1	12.7	12.6	21.7	7.9	7.0
District 1	558	122	60	49	44	36	17	18
Rate	204.6	44.7	22.0	18.0	16.1	26.3	6.2	6.6
District 2	237	47	20	9	26	17	13	6
Rate	207.3	41.1	17.5	7.9	22.7	29.0	11.4	5.2
District 3	596	123	53	54	39	33	38	34
Rate	182.3	37.6	16.2	16.5	11.9	20.1	11.6	10.4
District 4	832	141	59	63	78	61	49	30
Rate	146.2	24.8	10.4	11.1	13.7	21.1	8.6	5.3
District 5	335	43	32	20	24	22	13	16
Rate	156.6	20.1	15.0	9.3	11.2	20.4	6.1	7.5
District 6	281	53	28	25	20	20	10	20
Rate	152.7	28.8	15.2	13.6	10.9	21.5	5.4	10.9
District 7	288	53	22	27	13	23	13	11
Rate	111.6	20.5	8.5	10.5	5.0	18.0	5.0	4.3
Ada	746	122	52	62	70	51	45	28
Adams	14	3	-	1	-	2	1	-
Bannock	149	28	14	10	12	11	5	9
Bear Lake	11	4	2	1	-	-	1	1
Benewah	25	7	1	2	4	4	1	2
Bingham	64	12	7	9	2	4	2	5
Blaine	35	3	5	1	3	1	1	2
Boise	17	1	3	-	2	3	1	1
Bonner	109	24	10	10	8	5	4	4
Bonneville	159	30	14	14	6	10	7	6
Boundary	33	9	5	3	1	3	1	-
Butte	6	2	-	1	-	-	1	-
Camas	2	1	-	-	-	-	-	-
Canyon	427	83	36	39	28	21	29	28
Caribou	6	-	1	1	-	1	-	-
Cassia	25	3	1	2	2	2	-	1
Clark	-	-	-	-	-	-	-	-
Clearwater	32	6	4	1	1	1	2	1
Custer	10	1	1	-	1	1	1	-
Elmore	46	13	3	-	3	4	2	1
Franklin	24	2	3	2	4	1	-	3
Fremont	25	4	1	2	2	3	1	3
Gem	51	12	4	3	6	5	1	1
Gooding	26	6	2	2	1	1	-	1
Idaho	50	10	7	2	5	4	1	1
Jefferson	35	8	-	7	1	2	3	-
Jerome	37	5	3	4	2	1	1	3
Kootenai	353	76	37	31	29	18	10	11
Latah	57	8	3	3	9	7	2	-
Lemhi	21	5	1	1	1	2	1	-
Lewis	9	4	-	-	1	-	-	-
Lincoln	9	1	4	-	-	1	-	-
Madison	22	3	4	1	1	3	-	1
Minidoka	33	6	2	4	4	1	1	-
Nez Perce	89	19	6	3	10	5	8	4
Oneida	10	3	-	1	1	3	-	-
Owyhee	24	5	5	3	2	2	3	-
Payette	56	16	6	6	-	3	2	2
Power	11	2	1	-	1	-	1	2
Shoshone	38	6	7	3	2	6	1	1
Teton	16	2	1	2	1	2	-	1
Twin Falls	168	18	15	7	12	15	10	9
Valley	23	5	1	1	3	3	1	-
Washington	24	4	2	2	3	-	2	3

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
2022

RESIDENCE	Non-Hodgkin's lymphoma	Meninges, Brain*	Bladder	Kidney and Renal Pelvis	Esophagus	Ovary	Multiple Myeloma	All other malignant neoplasms
IDAHO	118	109	91	84	83	79	72	644
Rate	6.1	5.6	4.7	4.3	4.3	8.2	3.7	33.2
District 1	21	16	15	15	12	16	14	103
Rate	7.7	5.9	5.5	5.5	4.4	11.8	5.1	37.8
District 2	8	8	6	10	11	3	1	52
Rate	7.0	7.0	5.2	8.7	9.6	5.4	0.9	45.5
District 3	22	14	19	7	11	8	21	120
Rate	6.7	4.3	5.8	2.1	3.4	4.9	6.4	36.7
District 4	35	45	22	24	28	20	11	166
Rate	6.1	7.9	3.9	4.2	4.9	7.1	1.9	29.2
District 5	14	14	10	12	8	15	8	84
Rate	6.5	6.5	4.7	5.6	3.7	14.1	3.7	39.3
District 6	6	4	5	5	6	9	10	60
Rate	3.3	2.2	2.7	2.7	3.3	9.9	5.4	32.6
District 7	12	8	14	11	7	8	7	59
Rate	4.7	3.1	5.4	4.3	2.7	6.2	2.7	22.9
Ada	31	41	19	24	25	19	11	146
Adams	1	1	-	-	-	-	-	5
Bannock	3	3	2	2	2	4	7	37
Bear Lake	1	-	-	-	-	-	-	1
Benewah	1	-	-	-	-	-	1	2
Bingham	1	1	2	3	2	2	2	10
Blaine	1	5	1	-	2	1	-	9
Boise	2	-	1	-	1	-	-	2
Bonner	4	6	4	1	2	4	1	22
Bonneville	8	2	7	5	3	7	5	35
Boundary	1	-	-	2	-	1	-	7
Butte	-	-	1	-	-	-	-	1
Camas	-	-	-	-	-	1	-	-
Canyon	18	9	15	7	8	5	12	89
Caribou	-	-	-	-	1	-	-	2
Cassia	2	2	-	-	-	1	2	7
Clark	-	-	-	-	-	-	-	-
Clearwater	-	1	-	2	3	-	1	9
Custer	-	1	1	1	1	-	-	1
Elmore	-	3	1	-	2	1	-	13
Franklin	1	-	-	-	-	2	-	6
Fremont	1	1	2	-	-	-	1	4
Gem	1	2	1	-	1	1	1	12
Gooding	1	2	2	-	-	-	1	7
Idaho	-	-	2	1	3	1	-	13
Jefferson	-	1	-	2	2	-	1	8
Jerome	2	1	-	2	1	3	-	9
Kootenai	13	10	10	12	8	11	11	66
Latah	2	4	1	3	3	1	-	11
Lemhi	2	-	2	1	-	1	-	4
Lewis	1	1	-	1	-	-	-	1
Lincoln	-	-	-	1	-	1	-	1
Madison	1	2	1	2	-	-	-	3
Minidoka	1	2	1	1	-	1	1	8
Nez Perce	5	2	3	3	2	1	-	18
Oneida	-	-	-	-	1	-	-	1
Owyhee	-	-	1	-	-	-	1	2
Payette	1	2	1	-	1	2	4	10
Power	-	-	-	-	-	1	1	2
Shoshone	2	-	1	-	2	-	1	6
Teton	-	1	1	-	1	-	-	4
Twin Falls	7	2	6	8	5	7	4	43
Valley	2	1	1	-	-	-	-	5
Washington	1	-	1	-	1	-	3	2

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

2022

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	170.7	29.6	21.4	17.1	13.5	151.6	28.5	24.4	15.0	13.0
District 1	320	58	47	29	24	253	56	35	24	19
Rate	233.4	42.3	34.3	21.2	17.5	186.6	41.3	25.8	17.7	14.0
District 2	138	18	19	13	8	117	27	17	21	12
Rate	235.8	30.8	32.5	22.2	13.7	209.6	48.4	30.4	37.6	21.5
District 3	273	56	24	31	23	240	41	53	21	21
Rate	166.4	34.1	14.6	18.9	14.0	147.3	25.2	32.5	12.9	12.9
District 4	445	82	48	41	42	448	88	72	39	43
Rate	154.2	28.4	16.6	14.2	14.6	159.7	31.4	25.7	13.9	15.3
District 5	176	25	30	17	13	147	23	11	17	7
Rate	163.2	23.2	27.8	15.8	12.1	138.6	21.7	10.4	16.0	6.6
District 6	162	32	22	16	8	118	15	23	13	7
Rate	174.5	34.5	23.7	17.2	8.6	129.5	16.5	25.2	14.3	7.7
District 7	154	18	19	20	14	135	24	24	9	16
Rate	120.2	14.0	14.8	15.6	10.9	104.0	18.5	18.5	6.9	12.3
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
2022

SITE OF MALIGNANT NEOPLASM (ICD-10 code)	TOTAL	Male	Female
TOTAL	3,127	1,697	1,430
Lip, Oral Cavity, and Pharynx (C00-C14)	56	44	12
Lip (C00)	-	-	-
Tongue (C01-C02)	23	19	4
Pharynx (C10-C13, C14.0)	20	18	2
Other/unspecified sites within the lip, oral cavity, and pharynx (C03-C09, C14.2-C14.8)	13	7	6
Digestive Organs (C15-C26)	829	500	329
Esophagus (C15)	83	72	11
Stomach (C16)	36	20	16
Small intestine (C17)	11	4	7
Colon (C18)	190	102	88
Rectosigmoid junction and rectum (C19-C20)	78	44	34
Anus and anal canal (C21)	6	3	3
Liver (C22.0, C22.2-C22.9)	106	81	25
Intrahepatic bile ducts (C22.1)	47	22	25
Gallbladder and extrahepatic bile ducts (C23-C24)	17	6	11
Pancreas (C25)	244	136	108
Other/ill-defined digestive organs (C26)	11	10	1
Respiratory & Intrathoracic Organs (C30-C39)	602	331	271
Nasal cavity and middle ear and accessory sinuses (C30-C31)	4	3	1
Larynx (C32)	14	13	1
Trachea (C33)	1	1	-
Bronchus and lung (C34)	581	313	268
Thymus, heart, mediastinum, and pleura (C37-C38)	2	1	1
Other/ill-defined sites in the respiratory system and intrathoracic organs (C39)	-	-	-
Bone and Articular Cartilage (C40-C41)	13	6	7
Melanoma and Other Malignant Neoplasm of Skin (C43-C44)	78	50	28
Melanoma of skin (C43)	60	38	22
Other malignant neoplasms of skin (C44)	18	12	6
Mesothelial and Soft Tissue (C45-C49)	50	32	18
Mesothelioma (C45)	15	12	3
Kaposi's sarcoma (C46)	-	-	-
Other mesothelial and soft tissue (C47-C49)	35	20	15
Breast (C50)	247	-	247
Female Genital Organs (C51-C58)	165	-	165
Vulva and vagina (C51-C52)	12	-	12
Cervix uteri (C53)	19	-	19
Corpus uteri and uterus, part unspecified (C54-C55)	50	-	50
Ovary (C56)	79	-	79
Other/unspecified female genital organs (C57)	5	-	5
Placenta (C58)	-	-	-
Male Genital Organs (C60-C63)	216	216	-
Prostate (C61)	212	212	-
Testis (C62)	2	2	-
Penis and other/unspecified male genital organs (C60, C63)	2	2	-
Urinary Organs (C64-C68)	184	130	54
Kidney and renal pelvis (C64-C65)	84	51	33
Bladder (C67)	91	73	18
Other/unspecified sites within the urinary tract (C66, C68)	9	6	3
Eye and Adexa (C69)	2	1	1
Meninges, Brain, and Other Parts of Central Nervous System (C70-C72)	109	59	50
Brain (C71)	104	56	48
Other parts of central nervous system (C70, C72)	5	3	2
Thyroid and Other Endocrine Glands (C73-C75)	18	8	10

IDAHO RESIDENT MORTALITY
Primary Site of Malignant Neoplasm (Cancer) by Sex (continued)
2022

SITE OF MALIGNANT NEOPLASM (ICD-10 code)	TOTAL	Male	Female
Lymphatic and Hematopoietic Tissues (C81-C96)	330	199	131
Hodgkin's disease (C81)	3	2	1
Non-Hodgkin's lymphoma (C82-C85)	118	69	49
Immunoproliferative diseases (C88)	1	1	-
Multiple myeloma and malignant plasma cell neoplasms (C90)	71	40	31
Lymphoid leukemia (C91)	43	22	21
Myeloid leukemia (C92)	79	58	21
Monocytic leukemia (C93)	-	-	-
Other/unspecified leukemia (C94-C95)	13	7	6
Other/unspecified lymphoid, hematopoietic and related issues (C86, C96)	2	-	2
Other/Unspecified Sites (C76-C80, C97)	228	121	107

IDAHO RESIDENT MORTALITY

Leading Causes of Mortality

2022

RESIDENCE	TOTAL DEATHS	Diseases of heart	Malignant neoplasms	Accident	Chronic lower respiratory diseases	Alzheimer's disease
IDAHO*	17,115	3,479	3,127	1,158	984	845
Rate	882.7	179.4	161.3	59.7	50.7	43.6
District 1	2,878	541	558	173	169	101
Rate	1,055.3	198.4	204.6	63.4	62.0	37.0
District 2	1,346	241	237	97	92	48
Rate	1,177.1	210.8	207.3	84.8	80.5	42.0
District 3	2,984	657	596	173	200	135
Rate	912.7	200.9	182.3	52.9	61.2	41.3
District 4	4,355	897	832	302	216	298
Rate	765.2	157.6	146.2	53.1	38.0	52.4
District 5	1,993	421	335	166	107	89
Rate	931.7	196.8	156.6	77.6	50.0	41.6
District 6	1,751	314	281	129	104	78
Rate	951.6	170.6	152.7	70.1	56.5	42.4
District 7	1,806	408	288	117	95	96
Rate	700.1	158.2	111.6	45.4	36.8	37.2
Ada	3,919	813	746	273	189	276
Adams	59	13	14	2	3	2
Bannock	885	146	149	60	52	49
Bear Lake	61	11	11	5	5	1
Benewah	143	24	25	9	16	2
Bingham	464	95	64	38	36	18
Blaine	144	25	35	14	4	7
Boise	73	14	17	5	4	3
Bonner	557	98	109	33	32	26
Bonneville	999	220	159	69	51	57
Boundary	144	26	33	6	3	5
Butte	36	7	6	3	2	-
Camas	5	2	2	-	-	-
Canyon	2,086	458	427	122	129	99
Caribou	71	13	6	8	4	4
Cassia	236	46	25	28	8	10
Clark	5	-	-	-	1	-
Clearwater	146	26	32	10	14	3
Custer	54	6	10	6	5	1
Elmore	264	53	46	15	17	17
Franklin	128	23	24	4	3	3
Fremont	132	33	25	8	8	7
Gem	237	49	51	14	18	11
Gooding	180	45	26	13	10	6
Idaho	223	45	50	18	14	3
Jefferson	229	52	35	15	18	11
Jerome	215	47	37	17	12	7
Kootenai	1,821	351	353	111	107	62
Latah	300	60	57	21	19	17
Lemhi	119	39	21	7	9	2
Lewis	59	16	9	6	5	-
Lincoln	41	8	9	3	5	2
Madison	212	48	22	6	3	16
Minidoka	209	38	33	16	13	1
Nez Perce	618	94	89	42	40	25
Oneida	47	10	10	6	1	1
Owyhee	130	21	24	9	10	3
Payette	301	71	56	12	23	13
Power	59	9	11	5	1	2
Shoshone	213	42	38	14	11	6
Teton	56	10	16	6	-	2
Twin Falls	963	210	168	75	55	56
Valley	99	17	23	9	6	2
Washington	171	45	24	14	17	7

Rates are deaths per 100,000 population.

*There are two deaths with place of residence unknown (One Accident and One Chronic lower respiratory disease).

IDAHO RESIDENT MORTALITY
Leading Causes of Mortality (continued)
2022

RESIDENCE	COVID-19	Cerebrovascular diseases	Diabetes mellitus	Suicide	Chronic liver disease and cirrhosis	Parkinson's disease
IDAHO	820	762	473	441	314	243
Rate	42.3	39.3	24.4	22.7	16.2	12.5
District 1	191	140	71	61	51	39
Rate	70.0	51.3	26.0	22.4	18.7	14.3
District 2	71	60	65	26	28	23
Rate	62.1	52.5	56.8	22.7	24.5	20.1
District 3	119	142	64	64	53	37
Rate	36.4	43.4	19.6	19.6	16.2	11.3
District 4	178	191	101	125	85	85
Rate	31.3	33.6	17.7	22.0	14.9	14.9
District 5	86	83	60	54	31	13
Rate	40.2	38.8	28.0	25.2	14.5	6.1
District 6	97	74	60	50	43	17
Rate	52.7	40.2	32.6	27.2	23.4	9.2
District 7	78	72	52	61	23	29
Rate	30.2	27.9	20.2	23.6	8.9	11.2
Ada	156	173	90	117	75	78
Adams	1	1	1	-	1	1
Bannock	40	42	23	31	26	13
Bear Lake	2	2	2	-	-	-
Benewah	11	10	7	1	4	1
Bingham	31	16	13	10	9	1
Blaine	5	4	1	9	6	3
Boise	5	3	2	1	-	1
Bonner	46	26	15	10	9	7
Bonneville	44	32	23	27	13	16
Boundary	15	9	4	4	-	1
Butte	4	2	2	-	2	-
Camas	1	-	-	-	-	-
Canyon	82	97	43	46	44	26
Caribou	9	2	6	1	1	1
Cassia	7	18	7	9	5	1
Clark	1	-	-	-	-	-
Clearwater	7	2	-	5	5	-
Custer	3	2	1	3	1	1
Elmore	14	11	8	5	5	3
Franklin	4	5	11	5	1	-
Fremont	6	4	2	6	3	3
Gem	8	18	6	5	3	1
Gooding	12	6	6	4	3	-
Idaho	14	6	8	5	6	2
Jefferson	13	12	8	7	1	2
Jerome	8	12	8	7	1	1
Kootenai	111	90	38	41	32	27
Latah	13	13	10	6	4	8
Lemhi	2	4	1	3	3	-
Lewis	7	-	2	-	-	2
Lincoln	1	-	-	1	-	2
Madison	8	17	16	6	1	7
Minidoka	12	9	14	4	4	1
Nez Perce	30	39	45	10	13	11
Oneida	2	2	1	1	3	-
Owyhee	8	11	1	3	3	2
Payette	13	9	7	8	2	5
Power	5	3	2	2	1	2
Shoshone	8	5	7	5	6	3
Teton	1	1	1	9	1	-
Twin Falls	40	34	24	20	12	5
Valley	3	4	1	2	5	3
Washington	7	6	6	2	-	2

Rates are deaths per 100,000 population.

IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group
2022

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	17,115	116	16	12	33	70	123	352	481	842	1,890	3,462	4,738	4,980
		F	8,019	60	8	5	14	24	33	104	172	297	770	1,432	2,207	2,893
		M	9,096	56	8	7	19	46	90	248	309	545	1,120	2,030	2,531	2,087
# Salmonella infections	A01-A02	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Shigellosis and amebiasis	A03, A06	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Certain other intestinal infections	A04, A07-A09	T	44	-	-	-	-	-	-	-	1	1	6	12	11	13
		F	16	-	-	-	-	-	-	-	1	-	-	4	6	5
		M	28	-	-	-	-	-	-	-	-	1	6	8	5	8
# Enterocolitis due to <i>Clostridium difficile</i>	A04.7	T	22	-	-	-	-	-	-	-	1	-	1	10	2	8
		F	6	-	-	-	-	-	-	-	1	-	-	3	-	2
		M	16	-	-	-	-	-	-	-	-	-	1	7	2	6
# Tuberculosis	A16-A19	T	1	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	1	-	-
Respiratory tuberculosis	A16	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other tuberculosis	A17-A19	T	1	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	1	-	-
# Whooping cough	A37	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Scarlet fever and erysipelas	A38, A46	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Meningococcal infection	A39	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Septicemia	A40-A41	T	121	-	-	-	-	-	1	-	2	10	22	27	32	27
		F	75	-	-	-	-	-	1	-	1	4	15	16	18	20
		M	46	-	-	-	-	-	-	-	1	6	7	11	14	7
# 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), 2022

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	18	-	-	-	-	-	-	-	1	1	6	8	1	1
		F	6	-	-	-	-	-	-	-	-	-	1	4	1	-
		M	12	-	-	-	-	-	-	-	1	1	5	4	-	1
# Human immunodeficiency virus (HIV) disease	B20-B24	T	3	-	-	-	-	-	-	-	-	2	-	-	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	-	-	-	-	-	2	-	-	1	-
# Malaria	B50-B54	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other and unspecified infectious and parasitic diseases and their sequelae	See footnote 1	T	67	1	-	1	-	1	-	-	2	3	11	11	22	15
		F	30	1	-	1	-	-	-	-	1	1	4	5	9	8
		M	37	-	-	-	-	1	-	-	1	2	7	6	13	7
West Nile Fever	A92.3	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Malignant neoplasms (cancer)	C00-C97	T	3,127	-	-	-	5	4	-	22	53	155	469	910	949	560
		F	1,430	-	-	-	3	3	-	9	32	69	226	392	416	280
		M	1,697	-	-	-	2	1	-	13	21	86	243	518	533	280
Lip, oral cavity and pharynx	C00-C14	T	56	-	-	-	-	-	-	2	-	4	11	20	13	6
		F	12	-	-	-	-	-	-	-	-	1	4	2	4	1
		M	44	-	-	-	-	-	-	2	-	3	7	18	9	5
Esophagus	C15	T	83	-	-	-	-	-	-	-	2	6	17	27	25	6
		F	11	-	-	-	-	-	-	-	1	-	3	1	4	2
		M	72	-	-	-	-	-	-	-	1	6	14	26	21	4
Stomach	C16	T	36	-	-	-	-	-	-	-	2	4	4	11	8	7
		F	16	-	-	-	-	-	-	-	2	2	2	5	3	2
		M	20	-	-	-	-	-	-	-	-	2	2	6	5	5
Colon, rectum and anus	C18-C21	T	274	-	-	-	-	-	-	2	10	24	60	64	73	41
		F	125	-	-	-	-	-	-	-	7	9	25	28	31	25
		M	149	-	-	-	-	-	-	2	3	15	35	36	42	16

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), 2022

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	153	-	-	-	-	-	-	1	3	12	23	63	40	11
		F	50	-	-	-	-	-	-	-	2	4	7	17	17	3
		M	103	-	-	-	-	-	-	1	1	8	16	46	23	8
Pancreas	C25	T	244	-	-	-	-	-	-	-	3	11	36	85	74	35
		F	108	-	-	-	-	-	-	-	3	4	18	29	33	21
		M	136	-	-	-	-	-	-	-	-	7	18	56	41	14
Larynx	C32	T	14	-	-	-	-	-	-	-	-	1	2	5	4	2
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		M	13	-	-	-	-	-	-	-	-	1	1	5	4	2
Trachea, bronchus and lung	C33-C34	T	582	-	-	-	-	-	-	1	3	11	74	190	209	94
		F	268	-	-	-	-	-	-	-	1	5	34	84	100	44
		M	314	-	-	-	-	-	-	1	2	6	40	106	109	50
Malignant melanoma of skin	C43	T	60	-	-	-	-	1	-	-	2	6	14	9	20	8
		F	22	-	-	-	-	1	-	-	-	1	6	5	3	6
		M	38	-	-	-	-	-	-	-	2	5	8	4	17	2
Breast	C50	T	247	-	-	-	-	-	-	1	5	24	39	57	62	59
		F	247	-	-	-	-	-	-	1	5	24	39	57	62	59
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cervix uteri	C53	T	19	-	-	-	-	-	-	1	-	2	9	6	1	-
		F	19	-	-	-	-	-	-	1	-	2	9	6	1	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corpus uteri and uterus, part unspecified	C54-C55	T	50	-	-	-	-	-	-	-	-	3	13	15	10	9
		F	50	-	-	-	-	-	-	-	-	3	13	15	10	9
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ovary	C56	T	79	-	-	-	-	-	-	1	-	3	15	25	22	13
		F	79	-	-	-	-	-	-	1	-	3	15	25	22	13
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prostate	C61	T	212	-	-	-	-	-	-	-	-	3	22	45	74	68
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	212	-	-	-	-	-	-	-	-	3	22	45	74	68
Kidney and renal pelvis	C64-C65	T	84	-	-	-	-	-	-	-	1	1	13	23	29	17
		F	33	-	-	-	-	-	-	-	1	-	5	9	12	6
		M	51	-	-	-	-	-	-	-	-	1	8	14	17	11
Bladder	C67	T	91	-	-	-	-	-	-	-	1	2	9	24	31	24
		F	18	-	-	-	-	-	-	-	1	-	1	4	5	7
		M	73	-	-	-	-	-	-	-	-	2	8	20	26	17
Meninges, brain and other parts of central nervous system	C70-C72	T	109	-	-	-	2	-	-	5	2	13	28	31	18	10
		F	50	-	-	-	1	-	-	3	-	5	11	14	8	8
		M	59	-	-	-	1	-	-	2	2	8	17	17	10	2

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

IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group (continued), 2022

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	330	-	-	-	2	-	-	3	6	13	29	98	106	73
		F	131	-	-	-	1	-	-	1	3	3	12	36	41	34
		M	199	-	-	-	1	-	-	2	3	10	17	62	65	39
Hodgkin's disease	C81	T	3	-	-	-	-	-	-	-	-	-	-	2	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	1	-	-
		M	2	-	-	-	-	-	-	-	-	-	-	1	1	-
Non-Hodgkin's lymphoma	C82-C85	T	118	-	-	-	-	-	-	1	-	7	10	29	43	28
		F	49	-	-	-	-	-	-	-	-	2	4	11	15	17
		M	69	-	-	-	-	-	-	1	-	5	6	18	28	11
Leukemia	C91-C95	T	135	-	-	-	2	-	-	2	3	4	12	46	40	26
		F	48	-	-	-	1	-	-	1	2	1	4	15	16	8
		M	87	-	-	-	1	-	-	1	1	3	8	31	24	18
Multiple myeloma and immunoproliferative neoplasms	C88, C90	T	72	-	-	-	-	-	-	-	3	2	7	21	22	17
		F	31	-	-	-	-	-	-	-	1	-	4	9	10	7
		M	41	-	-	-	-	-	-	-	2	2	3	12	12	10
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	T	2	-	-	-	-	-	-	-	-	-	-	-	-	2
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	2
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other & unspecified malignant neoplasms	See footnote 1	T	404	-	-	-	1	3	-	5	13	12	51	112	130	77
		F	190	-	-	-	1	2	-	2	6	3	21	55	60	40
		M	214	-	-	-	-	1	-	3	7	9	30	57	70	37
# In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	T	88	-	-	-	-	1	-	1	2	3	10	14	36	21
		F	44	-	-	-	-	-	-	1	1	1	5	5	18	13
		M	44	-	-	-	-	1	-	-	1	2	5	9	18	8
# Anemias	D50-D64	T	28	-	-	-	-	1	-	1	-	1	5	4	6	10
		F	11	-	-	-	-	-	-	-	-	-	2	2	2	5
		M	17	-	-	-	-	1	-	1	-	1	3	2	4	5
# Diabetes mellitus	E10-E14	T	473	-	-	1	-	2	2	3	16	33	64	140	130	82
		F	201	-	-	-	-	2	1	-	8	9	25	53	56	47
		M	272	-	-	1	-	-	1	3	8	24	39	87	74	35
# Nutritional deficiencies	E40-E64	T	198	-	-	-	-	-	-	1	1	3	4	24	57	108
		F	134	-	-	-	-	-	-	1	-	1	3	13	41	75
		M	64	-	-	-	-	-	-	-	1	2	1	11	16	33
Malnutrition	E40-E46	T	187	-	-	-	-	-	-	1	1	2	3	23	53	104
		F	127	-	-	-	-	-	-	1	-	1	2	13	39	71
		M	60	-	-	-	-	-	-	-	1	1	1	10	14	33
Other nutritional deficiencies	E50-E64	T	11	-	-	-	-	-	-	-	-	1	1	1	4	4
		F	7	-	-	-	-	-	-	-	-	-	1	-	2	4
		M	4	-	-	-	-	-	-	-	-	1	-	1	2	-

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

1. 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), 2022

CAUSE OF DEATH	ICD-10 CODE	SEX	TOTAL	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
# Meningitis	G00, G03	T	4	1	-	-	-	-	-	-	-	1	1	1	-	-
		F	2	-	-	-	-	-	-	-	-	1	-	1	-	-
		M	2	1	-	-	-	-	-	-	-	-	1	-	-	-
# Parkinson's disease	G20-G21	T	243	-	-	-	-	-	-	-	-	1	4	41	110	87
		F	96	-	-	-	-	-	-	-	-	1	2	18	41	34
		M	147	-	-	-	-	-	-	-	-	-	2	23	69	53
# Alzheimer's disease	G30	T	845	-	-	-	-	-	-	-	-	-	6	70	274	495
		F	547	-	-	-	-	-	-	-	-	-	3	38	165	341
		M	298	-	-	-	-	-	-	-	-	-	3	32	109	154
Major cardiovascular diseases	I00-I78	T	4,522	4	2	-	-	-	3	16	58	155	416	838	1,283	1,747
		F	2,075	3	2	-	-	-	-	5	21	41	139	314	553	997
		M	2,447	1	-	-	-	-	3	11	37	114	277	524	730	750
# Diseases of heart	I00-I09, I11, I13, I20-I51	T	3,479	3	1	-	-	-	2	8	50	123	336	655	976	1,325
		F	1,527	2	1	-	-	-	-	3	16	27	109	231	403	735
		M	1,952	1	-	-	-	-	2	5	34	96	227	424	573	590
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	T	40	-	-	-	-	-	-	-	2	2	2	6	19	9
		F	30	-	-	-	-	-	-	-	2	2	1	4	15	6
		M	10	-	-	-	-	-	-	-	-	-	1	2	4	3
Hypertensive heart disease	I11	T	418	-	-	-	-	-	-	-	7	15	34	50	89	223
		F	211	-	-	-	-	-	-	-	3	5	12	17	36	138
		M	207	-	-	-	-	-	-	-	4	10	22	33	53	85
Hypertensive heart and renal disease	I13	T	114	-	-	-	-	-	-	-	-	1	7	10	39	57
		F	65	-	-	-	-	-	-	-	-	-	4	5	22	34
		M	49	-	-	-	-	-	-	-	-	1	3	5	17	23
Ischemic heart diseases	I20-I25	T	1,720	1	-	-	-	-	1	3	19	69	202	396	515	514
		F	593	1	-	-	-	-	-	1	2	8	51	130	175	225
		M	1,127	-	-	-	-	-	1	2	17	61	151	266	340	289
Acute myocardial infarction	I21-I22	T	761	-	-	-	-	-	1	2	12	46	122	226	212	140
		F	251	-	-	-	-	-	-	1	2	6	29	70	71	72
		M	510	-	-	-	-	-	1	1	10	40	93	156	141	68
Other acute ischemic heart diseases	I24	T	45	-	-	-	-	-	-	-	1	-	8	5	14	17
		F	27	-	-	-	-	-	-	-	-	-	3	4	11	9
		M	18	-	-	-	-	-	-	-	1	-	5	1	3	8
Other forms of chronic ischemic heart disease	I20, I25	T	914	1	-	-	-	-	-	1	6	23	72	165	289	357
		F	315	1	-	-	-	-	-	-	-	2	19	56	93	144
		M	599	-	-	-	-	-	-	1	6	21	53	109	196	213
Atherosclerotic cardiovascular disease, so described	I25.0	T	119	-	-	-	-	-	-	1	2	13	33	34	25	11
		F	32	-	-	-	-	-	-	-	-	1	9	12	7	3
		M	87	-	-	-	-	-	-	1	2	12	24	22	18	8

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), 2022

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	795	1	-	-	-	-	-	-	4	10	39	131	264	346
		F	283	1	-	-	-	-	-	-	-	1	10	44	86	141
		M	512	-	-	-	-	-	-	-	4	9	29	87	178	205
Other heart diseases	I26-I51	T	1,187	2	1	-	-	-	1	5	22	36	91	193	314	522
		F	628	1	1	-	-	-	-	2	9	12	41	75	155	332
		M	559	1	-	-	-	-	1	3	13	24	50	118	159	190
Acute and subacute endocarditis	I33	T	6	-	-	-	-	-	-	-	-	2	-	1	2	1
		F	1	-	-	-	-	-	-	-	-	1	-	-	-	-
		M	5	-	-	-	-	-	-	-	-	1	-	1	2	1
Diseases of pericardium and acute myocarditis	I30-I31, I40	T	6	-	-	-	-	-	-	-	-	1	1	2	2	-
		F	4	-	-	-	-	-	-	-	-	1	1	-	2	-
		M	2	-	-	-	-	-	-	-	-	-	-	2	-	-
Heart failure	I50	T	353	-	-	-	-	-	-	-	5	5	22	48	88	185
		F	201	-	-	-	-	-	-	-	2	2	12	15	47	123
		M	152	-	-	-	-	-	-	-	3	3	10	33	41	62
All other forms of heart disease	I26-I28, I34-I38, I42-I49, I51	T	822	2	1	-	-	-	1	5	17	28	68	142	222	336
		F	422	1	1	-	-	-	-	2	7	8	28	60	106	209
		M	400	1	-	-	-	-	1	3	10	20	40	82	116	127
# Essential hypertension and hypertensive renal disease	I10, I12, I15	T	147	-	-	-	-	-	-	1	1	7	17	27	31	63
		F	80	-	-	-	-	-	-	-	1	3	7	17	12	40
		M	67	-	-	-	-	-	-	1	-	4	10	10	19	23
# Cerebrovascular diseases	I60-I69	T	762	-	-	-	-	-	-	6	4	17	53	130	230	322
		F	418	-	-	-	-	-	-	2	3	9	19	57	123	205
		M	344	-	-	-	-	-	-	4	1	8	34	73	107	117
# Atherosclerosis	I70	T	7	-	1	-	-	-	-	-	-	1	-	1	1	3
		F	4	-	1	-	-	-	-	-	-	1	-	1	-	1
		M	3	-	-	-	-	-	-	-	-	-	-	-	1	2
Other diseases of circulatory system	I71-I78	T	127	1	-	-	-	-	1	1	3	7	10	25	45	34
		F	46	1	-	-	-	-	-	-	1	1	4	8	15	16
		M	81	-	-	-	-	-	1	1	2	6	6	17	30	18
# Aortic aneurysm and dissection	I71	T	68	-	-	-	-	-	1	1	1	2	5	13	27	18
		F	20	-	-	-	-	-	-	-	-	-	1	2	8	9
		M	48	-	-	-	-	-	1	1	1	2	4	11	19	9
Other diseases of arteries, arterioles and capillaries	I72-I78	T	59	1	-	-	-	-	-	-	2	5	5	12	18	16
		F	26	1	-	-	-	-	-	-	1	1	3	6	7	7
		M	33	-	-	-	-	-	-	-	1	4	2	6	11	9
Other disorders of circulatory system	I80-I99	T	19	-	-	-	-	-	-	1	1	5	3	3	3	3
		F	5	-	-	-	-	-	-	-	-	1	-	-	2	2
		M	14	-	-	-	-	-	-	1	1	4	3	3	1	1

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), 2022

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	200	-	1	2	-	1	1	2	7	12	20	27	59	68
		F	110	-	-	1	-	1	-	2	1	5	8	12	28	52
		M	90	-	1	1	-	-	1	-	6	7	12	15	31	16
Influenza	J09-J11	T	55	-	1	1	-	1	-	1	-	1	6	7	21	16
		F	27	-	-	-	-	1	-	1	-	-	1	4	8	12
		M	28	-	1	1	-	-	-	-	-	1	5	3	13	4
Pneumonia	J12-J18	T	145	-	-	1	-	-	1	1	7	11	14	20	38	52
		F	83	-	-	1	-	-	-	1	1	5	7	8	20	40
		M	62	-	-	-	-	-	1	-	6	6	7	12	18	12
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	984	-	-	2	-	-	-	3	2	13	110	283	342	229
		F	512	-	-	1	-	-	-	2	1	8	61	130	176	133
		M	472	-	-	1	-	-	-	1	1	5	49	153	166	96
Bronchitis, chronic and unspecified	J40-J42	T	4	-	-	-	-	-	-	-	-	-	1	2	1	-
		F	3	-	-	-	-	-	-	-	-	-	-	2	1	-
		M	1	-	-	-	-	-	-	-	-	-	1	-	-	-
Emphysema	J43	T	62	-	-	-	-	-	-	-	-	-	4	17	30	11
		F	25	-	-	-	-	-	-	-	-	-	2	5	14	4
		M	37	-	-	-	-	-	-	-	-	-	2	12	16	7
Asthma	J45-J46	T	18	-	-	2	-	-	-	3	1	-	2	3	2	5
		F	15	-	-	1	-	-	-	2	1	-	2	2	2	5
		M	3	-	-	1	-	-	-	1	-	-	-	1	-	-
Other chronic lower respiratory diseases	J44, J47	T	900	-	-	-	-	-	-	-	1	13	103	261	309	213
		F	469	-	-	-	-	-	-	-	-	8	57	121	159	124
		M	431	-	-	-	-	-	-	-	1	5	46	140	150	89
# Pneumoconiosis and chemical effects	J60-J66, J68	T	7	-	-	-	-	-	-	-	-	-	-	-	4	3
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	7	-	-	-	-	-	-	-	-	-	-	-	4	3
# Pneumonitis due to solids and liquids	J69	T	101	-	-	-	-	-	-	2	2	3	13	16	32	33
		F	51	-	-	-	-	-	-	-	-	2	5	10	16	18
		M	50	-	-	-	-	-	-	2	2	1	8	6	16	15

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IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group (continued), 2022

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	243	-	1	-	1	-	2	2	1	9	18	62	82	65
		F	107	-	-	-	-	-	1	1	-	1	7	24	34	39
		M	136	-	1	-	1	-	1	1	1	8	11	38	48	26
# Peptic ulcer	K25-K28	T	25	-	-	-	-	-	-	-	-	3	4	7	9	2
		F	12	-	-	-	-	-	-	-	-	1	2	2	5	2
		M	13	-	-	-	-	-	-	-	-	2	2	5	4	-
# Diseases of appendix	K35-K38	T	3	-	-	-	-	-	-	-	-	-	-	-	1	2
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-
		M	2	-	-	-	-	-	-	-	-	-	-	-	-	2
# Hernia	K40-K46	T	30	-	-	-	-	-	-	-	-	2	3	6	11	8
		F	23	-	-	-	-	-	-	-	-	1	1	5	9	7
		M	7	-	-	-	-	-	-	-	-	1	2	1	2	1
# Chronic liver disease and cirrhosis	K70, K73-K74	T	314	-	-	-	-	-	-	10	32	51	91	84	38	8
		F	117	-	-	-	-	-	-	5	11	20	33	29	16	3
		M	197	-	-	-	-	-	-	5	21	31	58	55	22	5
Alcoholic liver disease	K70	T	225	-	-	-	-	-	-	10	25	48	70	60	9	3
		F	70	-	-	-	-	-	-	5	7	19	23	15	-	1
		M	155	-	-	-	-	-	-	5	18	29	47	45	9	2
Other chronic liver disease and cirrhosis	K73-K74	T	89	-	-	-	-	-	-	-	7	3	21	24	29	5
		F	47	-	-	-	-	-	-	-	4	1	10	14	16	2
		M	42	-	-	-	-	-	-	-	3	2	11	10	13	3
# Cholelithiasis and other disorders of gallbladder	K80-K82	T	27	-	-	-	-	-	-	-	1	-	1	2	13	10
		F	15	-	-	-	-	-	-	-	1	-	-	-	7	7
		M	12	-	-	-	-	-	-	-	-	-	1	2	6	3
# Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27	T	175	-	-	-	-	-	-	-	1	2	17	41	66	48
		F	81	-	-	-	-	-	-	-	-	1	8	21	26	25
		M	94	-	-	-	-	-	-	-	1	1	9	20	40	23
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01, N04	T	8	-	-	-	-	-	-	-	-	1	-	1	4	2
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		M	7	-	-	-	-	-	-	-	-	1	-	1	4	1
Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic, and renal sclerosis unspecified	N02-N03, N05-N07, N26	T	3	-	-	-	-	-	-	-	-	-	1	1	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	-	-	-	-	-	-	1	1	-	1
Renal failure	N17-N19	T	164	-	-	-	-	-	-	-	1	1	16	39	62	45
		F	80	-	-	-	-	-	-	-	-	1	8	21	26	24
		M	84	-	-	-	-	-	-	-	1	-	8	18	36	21
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), 2022

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	8	-	-	-	-	-	-	-	-	-	1	2	4	1
		M	1	-	-	-	-	-	-	-	-	-	-	1	-	-
# Hyperplasia of prostate	N40	T	8	-	-	-	-	-	-	-	-	-	-	1	1	6
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	8	-	-	-	-	-	-	-	-	-	-	1	1	6
# Inflammatory diseases of female pelvic organs	N70-N76	T	2	-	-	-	-	-	-	-	1	-	-	1	-	-
		F	2	-	-	-	-	-	-	-	1	-	-	1	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Pregnancy, childbirth and the puerperium	O00-O99	T	7	-	-	-	-	-	-	3	4	-	-	-	-	-
		F	7	-	-	-	-	-	-	3	4	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pregnancy with abortive outcome	O00-O07	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other complications of pregnancy, childbirth and the puerperium	O10-O95, O98-O99	T	6	-	-	-	-	-	-	3	3	-	-	-	-	-
		F	6	-	-	-	-	-	-	3	3	-	-	-	-	-
		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	1	-	-	-	-	-	-	-	1	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	1	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Certain conditions originating in the perinatal period	P00-P96	T	57	54	1	-	1	-	-	1	-	-	-	-	-	-
		F	28	27	-	-	1	-	-	-	-	-	-	-	-	-
		M	29	27	1	-	-	-	-	1	-	-	-	-	-	-
# Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	T	63	25	3	1	3	-	1	3	2	7	9	3	5	1
		F	31	10	2	1	1	-	1	2	1	4	5	2	2	-
		M	32	15	1	-	2	-	-	1	1	3	4	1	3	1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	T	141	14	1	-	-	1	-	5	6	2	3	13	23	73
		F	89	8	-	-	-	-	-	1	4	1	-	3	17	55
		M	52	6	1	-	-	1	-	4	2	1	3	10	6	18
Sudden infant death syndrome	R95	T	6	6	-	-	-	-	-	-	-	-	-	-	-	-
		F	4	4	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R53, R55- R94, R96-R99	T	135	8	1	-	-	1	-	5	6	2	3	13	23	73
		F	85	4	-	-	-	-	-	1	4	1	-	3	17	55
		M	50	4	1	-	-	1	-	4	2	1	3	10	6	18
# COVID-19	U071	T	820	-	1	-	1	-	3	4	16	43	101	187	233	231
		F	333	-	1	-	1	-	-	1	6	16	33	70	96	109
		M	487	-	-	-	-	-	3	3	10	27	68	117	137	122
All other diseases (residual)	All other A00- N99	T	2,388	5	-	4	5	5	8	34	54	105	250	444	686	788
		F	1,251	4	-	1	3	2	1	12	25	47	105	197	361	493
		M	1,137	1	-	3	2	3	7	22	29	58	145	247	325	295

IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group (continued), 2022

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	1,158	9	6	1	3	27	46	151	138	133	132	121	171	220
		F	437	5	3	-	-	8	13	43	36	40	50	44	76	119
		M	721	4	3	1	3	19	33	108	102	93	82	77	95	101
Transport accidents	V01-V99, Y85	T	312	-	2	-	3	18	21	48	43	40	48	37	30	22
		F	87	-	1	-	-	6	6	14	11	8	19	11	9	2
		M	225	-	1	-	3	12	15	34	32	32	29	26	21	20
Motor vehicle accidents	See footnote 1	T	270	-	1	-	3	16	20	47	39	34	39	30	24	17
		F	82	-	1	-	-	6	6	13	11	8	17	9	9	2
		M	188	-	-	-	3	10	14	34	28	26	22	21	15	15
Other land transport accidents	See footnote 2	T	6	-	1	-	-	-	-	-	-	-	2	-	3	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		M	5	-	1	-	-	-	-	-	-	-	1	-	3	-
Water, air and space, other and unspecified transport accidents and their sequelae	V90-V99, Y85	T	36	-	-	-	-	2	1	1	4	6	7	7	3	5
		F	4	-	-	-	-	-	-	1	-	-	1	2	-	-
		M	32	-	-	-	-	2	1	-	4	6	6	5	3	5
Nontransport accidents	W00-X59, Y86	T	846	9	4	1	-	9	25	103	95	93	84	84	141	198
		F	350	5	2	-	-	2	7	29	25	32	31	33	67	117
		M	496	4	2	1	-	7	18	74	70	61	53	51	74	81
Falls	W00-W19	T	365	-	-	-	-	-	-	2	6	15	13	35	114	180
		F	194	-	-	-	-	-	-	-	2	2	4	17	58	111
		M	171	-	-	-	-	-	-	2	4	13	9	18	56	69
Accidental discharge of firearms	W32-W34	T	3	-	-	-	-	-	1	-	-	1	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	-	-	1	-	-	1	1	-	-	-
Accidental drowning and submersion	W65-W74	T	19	-	1	-	-	2	2	2	1	1	5	1	2	2
		F	5	-	1	-	-	-	1	1	-	-	1	-	1	-
		M	14	-	-	-	-	2	1	1	1	1	4	1	1	2
Accidental exposure to smoke, fire and flames	X00-X09	T	15	-	-	-	-	1	-	-	-	-	4	2	7	1
		F	4	-	-	-	-	1	-	-	-	-	-	1	2	-
		M	11	-	-	-	-	-	-	-	-	-	4	1	5	1
Accidental poisoning and exposure to noxious substances	X40-X49	T	343	-	-	-	-	5	20	94	81	71	45	25	2	-
		F	112	-	-	-	-	1	6	28	21	29	19	8	-	-
		M	231	-	-	-	-	4	14	66	60	42	26	17	2	-
Other and unspecified nontransport accidents and their sequelae	W20-W31, W34-W64, W75-W99, X10-X39, X50-X59, Y86	T	101	9	3	1	-	1	2	5	7	5	16	21	16	15
		F	35	5	1	-	-	-	-	-	2	1	7	7	6	6
		M	66	4	2	1	-	1	2	5	5	4	9	14	10	9

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

1. Motor vehicle accident ICD-10 codes: V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2.
2. Other land transport accidents ICD-10 codes: V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9.

IDAHO RESIDENT MORTALITY
113 Selected Causes of Mortality by Sex and Age Group (continued), 2022

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	441	-	-	-	12	23	40	78	56	64	72	52	34	10
		F	97	-	-	-	5	7	10	16	11	14	17	13	4	-
		M	344	-	-	-	7	16	30	62	45	50	55	39	30	10
Discharge of firearms	X72-X74	T	283	-	-	-	7	13	24	39	38	42	47	41	24	8
		F	38	-	-	-	2	1	3	7	6	7	5	6	1	-
		M	245	-	-	-	5	12	21	32	32	35	42	35	23	8
Other and unspecified means and their sequelae	U03, X60-X71, X75-X84, Y87.0	T	158	-	-	-	5	10	16	39	18	22	25	11	10	2
		F	59	-	-	-	3	6	7	9	5	7	12	7	3	-
		M	99	-	-	-	2	4	9	30	13	15	13	4	7	2
# Assault (homicide)	U01-U02, X85- Y09, Y87.1	T	51	1	-	-	1	3	12	5	12	10	2	-	3	2
		F	11	-	-	-	-	1	2	-	3	3	1	-	-	1
		M	40	1	-	-	1	2	10	5	9	7	1	-	3	1
Discharge of firearms	U01.4, X93- X95	T	41	-	-	-	-	3	9	4	9	10	2	-	3	1
		F	7	-	-	-	-	1	-	-	2	3	1	-	-	-
		M	34	-	-	-	-	2	9	4	7	7	1	-	3	1
Other and unspecified means and their sequelae	See footnote 1	T	10	1	-	-	1	-	3	1	3	-	-	-	-	1
		F	4	-	-	-	-	-	2	-	1	-	-	-	-	1
		M	6	1	-	-	1	-	1	1	2	-	-	-	-	-
# Legal intervention	Y35, Y89.0	T	8	-	-	-	-	-	-	2	3	2	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	8	-	-	-	-	-	-	2	3	2	1	-	-	-
Events of undetermined intent	Y10-Y34, Y87.2, Y89.9	T	24	-	-	-	-	1	4	1	6	5	4	2	1	-
		F	8	-	-	-	-	-	3	-	2	2	1	-	-	-
		M	16	-	-	-	-	1	1	1	4	3	3	2	1	-
Discharge of firearms	Y22-Y24	T	2	-	-	-	-	1	1	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	1	-	-	-	-	-	-	-
		M	1	-	-	-	-	1	-	-	-	-	-	-	-	-
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25- Y34, Y87.2, Y89.9	T	22	-	-	-	-	-	3	1	6	5	4	2	1	-
		F	7	-	-	-	-	-	2	-	2	2	1	-	-	-
		M	15	-	-	-	-	-	1	1	4	3	3	2	1	-
Poisoning and exposure to noxious substances	Y10-Y19	T	13	-	-	-	-	-	3	-	4	3	2	1	-	-
		F	6	-	-	-	-	-	2	-	2	2	-	-	-	-
		M	7	-	-	-	-	-	1	-	2	1	2	1	-	-
# Operations of war and their sequelae ²	Y36, Y89.1	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
# Complications of medical and surgical care	Y40-Y84, Y88	T	27	2	-	-	1	-	-	1	-	2	10	3	5	3
		F	16	2	-	-	-	-	-	-	-	2	7	2	1	2
		M	11	-	-	-	1	-	-	1	-	-	3	1	4	1

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

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

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

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Cause of Accident, Age Group, and Sex
2022

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	1,158	9	6	1	3	27	46	151	138	133	132	121	171	220
		F	437	5	3	-	-	8	13	43	36	40	50	44	76	119
		M	721	4	3	1	3	19	33	108	102	93	82	77	95	101
Total Transport accidents	V01-V99, Y85	T	312	-	2	-	3	18	21	48	43	40	48	37	30	22
		F	87	-	1	-	-	6	6	14	11	8	19	11	9	2
		M	225	-	1	-	3	12	15	34	32	32	29	26	21	20
Total motor vehicle accidents	See footnote 1	T	270	-	1	-	3	16	20	47	39	34	39	30	24	17
		F	82	-	1	-	-	6	6	13	11	8	17	9	9	2
		M	188	-	-	-	3	10	14	34	28	26	22	21	15	15
Pedestrian involved in collision with motor vehicle	V02-V04	T	17	-	-	-	-	1	-	1	3	3	3	3	1	2
		F	8	-	-	-	-	1	-	-	2	1	2	-	1	1
		M	9	-	-	-	-	-	-	1	1	2	1	3	-	1
Pedal cyclist involved in collision with motor vehicle	V12-V14, V19.0-V19.2, V19.4-V19.6	T	5	-	-	-	1	-	-	-	1	1	-	1	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	5	-	-	-	1	-	-	-	1	1	-	1	1	-
Motorcyclist involved in any accident except collision with railway train	V20-V24, V26-V29	T	28	-	-	-	-	2	3	4	2	7	5	3	-	2
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		M	27	-	-	-	-	2	3	4	2	7	4	3	-	2
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	16	-	-	-	-	-	1	5	1	1	2	5	1	-
		F	6	-	-	-	-	-	-	4	1	-	-	1	-	-
		M	10	-	-	-	-	-	1	1	-	1	2	4	1	-
Occupant of motor vehicle involved in collision with other motor vehicle	V42-V44, V49, V52-V54, V59	T	89	-	-	-	-	7	7	10	21	12	9	6	12	5
		F	31	-	-	-	-	2	3	3	3	5	7	3	4	1
		M	58	-	-	-	-	5	4	7	18	7	2	3	8	4
Occupant of heavy transport vehicle or bus involved in collision with other motor vehicle	V62-V64, V69, V72-V74, V79	T	1	-	-	-	-	-	-	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Occupant of motor vehicle involved in noncollision accident	V48, V58, V68, V78	T	57	-	-	-	1	3	6	14	6	4	9	10	2	2
		F	20	-	-	-	-	1	2	4	4	-	4	5	-	-
		M	37	-	-	-	1	2	4	10	2	4	5	5	2	2

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)
2022

CAUSE OF DEATH	ICD-10 CODE	SEX	TOTAL	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 +
Occupant of special vehicle mainly used on industrial premises	V83	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Occupant of special vehicle mainly used in agriculture	V84	T	3	-	-	-	-	-	-	-	-	-	2	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	-	-	-	-	-	-	2	-	-	1
Occupant of special construction vehicle	V85	T	1	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	1	-	-
Occupant or rider of special all-terrain or motor vehicle designed for off-road use ¹	V86	T	13	-	-	-	1	-	1	1	-	3	3	1	1	2
		F	2	-	-	-	-	-	1	-	-	-	1	-	-	-
		M	11	-	-	-	1	-	-	1	-	3	2	1	1	2
ATV, UTV or 4-wheeled vehicle	V86 (Subset)	T	10	-	-	-	1	-	-	-	-	3	2	1	1	2
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		M	9	-	-	-	1	-	-	-	-	3	1	1	1	2
Snowmobile or snow machine (not including accident that began with an avalanche)	V86 (Subset)	T	2	-	-	-	-	-	1	1	-	-	-	-	-	-
		F	1	-	-	-	-	-	1	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Other vehicle including golf cart or unspecified all-terrain vehicle	V86 (Subset)	T	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	1	-	-	-
Other and unspecified motor vehicle accident	See footnote 2	T	39	-	1	-	-	3	2	10	5	3	6	-	6	3
		F	14	-	1	-	-	2	-	2	1	2	2	-	4	-
		M	25	-	-	-	-	1	2	8	4	1	4	-	2	3
Pedestrian injury with other or unspecified motor vehicle accident	V09.0, V09.2	T	6	-	1	-	-	-	-	1	2	1	1	-	-	-
		F	2	-	1	-	-	-	-	-	-	1	-	-	-	-
		M	4	-	-	-	-	-	-	1	2	-	1	-	-	-
Animal rider or occupant of animal-drawn vehicle in collision with motor vehicle or other or unspecified motor vehicle	V80.3-V80.5	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other and unspecified motor vehicle accident	Residual See footnote 2	T	33	-	-	-	-	3	2	9	3	2	5	-	6	3
		F	12	-	-	-	-	2	-	2	1	1	2	-	4	-
		M	21	-	-	-	-	1	2	7	2	1	3	-	2	3
Total Other land transport accidents	See footnote 3	T	6	-	1	-	-	-	-	-	-	-	2	-	3	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		M	5	-	1	-	-	-	-	-	-	-	1	-	3	-
Railway accidents (not with motor vehicle)	V05, V15, V80.6, V81.2- V81.9	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pedestrian with train	V05	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

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

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

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Cause of Accident, Age Group, and Sex (continued)
2022

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	1	-	1	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Pedal cyclist (not with motor vehicle or train)	V10-V11, V16-V18, V19.3, V19.8-V19.9	T	3	-	-	-	-	-	-	-	-	-	1	-	2	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	-	-	-	-	-	-	1	-	2	-
Rider of animal or occupant of animal-drawn vehicle (not with motor vehicle or train)	V80-V80.2, V80.7-V80.9	T	2	-	-	-	-	-	-	-	-	-	1	-	1	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Person injured in other specified transport accidents	V87.9, V88.3	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Person injured in unspecified nonmotor-vehicle accident	V89.1, V89.3	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Person injured in unspecified vehicle accident	V89.9	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99, Y85	T	36	-	-	-	-	2	1	1	4	6	7	7	3	5
		F	4	-	-	-	-	-	-	1	-	-	1	2	-	-
		M	32	-	-	-	-	2	1	-	4	6	6	5	3	5
Water transport accidents	V90-V94	T	13	-	-	-	-	1	-	-	1	4	4	1	2	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	13	-	-	-	-	1	-	-	1	4	4	1	2	-
Air and space transport accidents	V95-V97	T	5	-	-	-	-	1	1	1	1	1	-	-	-	-
		F	1	-	-	-	-	-	-	1	-	-	-	-	-	-
		M	4	-	-	-	-	1	1	-	1	1	-	-	-	-
Other and unspecified transport accidents and their sequelae	V98-V99, Y85	T	18	-	-	-	-	-	-	-	2	1	3	6	1	5
		F	3	-	-	-	-	-	-	-	-	-	1	2	-	-
		M	15	-	-	-	-	-	-	-	2	1	2	4	1	5
Total Non-Transport accidents	W00-X59, Y86	T	846	9	4	1	-	9	25	103	95	93	84	84	141	198
		F	350	5	2	-	-	2	7	29	25	32	31	33	67	117
		M	496	4	2	1	-	7	18	74	70	61	53	51	74	81
Accidental falls	W00-W19	T	365	-	-	-	-	-	-	2	6	15	13	35	114	180
		F	194	-	-	-	-	-	-	-	2	2	4	17	58	111
		M	171	-	-	-	-	-	-	2	4	13	9	18	56	69

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

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Cause of Accident, Age Group, and Sex (continued)
2022

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	3	-	-	-	-	-	1	-	-	1	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	-	-	1	-	-	1	1	-	-	-
Accidental explosion	W39-W40	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidental drowning and submersion	W65-W74	T	19	-	1	-	-	2	2	2	1	1	5	1	2	2
		F	5	-	1	-	-	-	1	1	-	-	1	-	1	-
		M	14	-	-	-	-	2	1	1	1	1	4	1	1	2
Accidental inhalation and ingestion of food or other object	W78-W80	T	33	-	-	-	-	-	-	-	-	2	7	10	6	8
		F	12	-	-	-	-	-	-	-	-	-	3	4	4	1
		M	21	-	-	-	-	-	-	-	-	2	4	6	2	7
Other accidental and unspecified threats to breathing	W75-W77, W81-W84	T	18	9	2	-	-	1	-	-	3	1	1	1	-	-
		F	7	5	-	-	-	-	-	-	1	-	1	-	-	-
		M	11	4	2	-	-	1	-	-	2	1	-	1	-	-
Accidental exposure to electric current	W85-W87	T	2	-	-	-	-	-	-	1	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	-	1	1	-	-	-	-	-
Accidental exposure to radiation	W88-W91	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidental exposure to smoke, fire, flames	X00-X09	T	15	-	-	-	-	1	-	-	-	-	4	2	7	1
		F	4	-	-	-	-	1	-	-	-	-	-	1	2	-
		M	11	-	-	-	-	-	-	-	-	-	4	1	5	1
Accidental contact with heat and hot substances	X10-X19	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lightning	X33	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Earthquake	X34	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volcanic eruption	X35	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Avalanche, landslide, other earth movements	X36	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cataclysmic storm and flood	X37-X38	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accidental poisoning and exposure to noxious substances	X40-X49	T	343	-	-	-	-	5	20	94	81	71	45	25	2	-
		F	112	-	-	-	-	1	6	28	21	29	19	8	-	-
		M	231	-	-	-	-	4	14	66	60	42	26	17	2	-

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

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Cause of Accident, Age Group, and Sex (continued)
2022

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	322	-	-	-	-	5	20	90	78	68	38	22	1	-
		F	108	-	-	-	-	1	6	26	21	29	17	8	-	-
		M	214	-	-	-	-	4	14	64	57	39	21	14	1	-
Accidental poisoning by other and unspecified solid or liquid substances	X45-X46, X48-X49	T	11	-	-	-	-	-	-	-	2	2	3	3	1	-
		F	2	-	-	-	-	-	-	-	-	-	2	-	-	-
		M	9	-	-	-	-	-	-	-	2	2	1	3	1	-
Accidental poisoning by and exposure to other gases and vapors	X47	T	10	-	-	-	-	-	-	4	1	1	4	-	-	-
		F	2	-	-	-	-	-	-	2	-	-	-	-	-	-
		M	8	-	-	-	-	-	-	2	1	1	4	-	-	-
All other and unspecified accidents and their sequelae ¹	See footnote 1	T	48	-	1	1	-	-	2	4	3	2	8	10	10	7
		F	16	-	1	-	-	-	-	-	1	1	3	3	2	5
		M	32	-	-	1	-	-	2	4	2	1	5	7	8	2
Struck by thrown, projected, or falling object	W20	T	8	-	-	1	-	-	-	-	-	-	1	3	3	-
		F	3	-	-	-	-	-	-	-	-	-	-	2	1	-
		M	5	-	-	1	-	-	-	-	-	-	1	1	2	-
Caught, crushed, jammed, or pinched in or between objects	W23	T	4	-	-	-	-	-	-	2	-	-	1	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	4	-	-	-	-	-	-	2	-	-	1	-	-	1
Contact with agricultural machinery	W30	T	3	-	-	-	-	-	-	-	-	-	1	-	2	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	3	-	-	-	-	-	-	-	-	-	1	-	2	-
Contact with other and unspecified machinery	W36	T	2	-	-	-	-	-	-	-	1	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	2	-	-	-	-	-	-	-	1	-	-	1	-	-
Bitten or struck by animal other than rat or dog	W55	T	1	-	-	-	-	-	1	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Exposure to other and unspecified animate mechanical forces	W64	T	1	-	1	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	1	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exposure to excessive natural heat	X30	T	2	-	-	-	-	-	-	-	-	-	-	-	1	1
		F	2	-	-	-	-	-	-	-	-	-	-	-	1	1
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exposure to excessive natural cold	X31	T	13	-	-	-	-	-	1	1	2	1	1	3	2	2
		F	4	-	-	-	-	-	-	-	1	1	1	-	-	1
		M	9	-	-	-	-	-	1	1	1	-	-	3	2	1
Exposure to unspecified factor	X59	T	8	-	-	-	-	-	-	-	-	-	3	1	1	3
		F	6	-	-	-	-	-	-	-	-	-	2	1	-	3
		M	2	-	-	-	-	-	-	-	-	-	1	-	1	-
Sequelae of other accidents	Y86	T	6	-	-	-	-	-	-	1	-	1	1	2	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	6	-	-	-	-	-	-	1	-	1	1	2	1	-

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

IDAHO RESIDENT MORTALITY

Ten Leading Causes of Injury Mortality¹ by Manner and Age Group, Five-Year Aggregate, 2018-2022

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 37	Accident Motor Vehicle 15	Accident Motor Vehicle 27	Accident Motor Vehicle 256	Accident Poisoning 313	Accident Poisoning 308	Accident Poisoning 272	Accident Poisoning 248	Accident Fall 184	Accident Fall 434	Accident Fall 711	Accident Fall 1,480
2	Assault Non-firearm 7	Accident Drowning 7	Suicide Suffocation 23	Suicide Firearm 192	Suicide Firearm 203	Accident Motor Vehicle 191	Suicide Firearm 190	Suicide Firearm 204	Suicide Firearm 151	Suicide Firearm 112	Accident Motor Vehicle 56	Accident Poisoning 1,382
3	Surgical complications 3	Accident Suffocation 6	Suicide Firearm 17	Accident Poisoning 119	Accident Motor Vehicle 191	Suicide Firearm 181	Accident Motor Vehicle 168	Accident Motor Vehicle 169	Accident Motor Vehicle 146	Accident Motor Vehicle 110	Accident Suffocation 49	Accident Motor Vehicle 1,331
4	Accident Motor Vehicle 2	Accident Fire 4	Assault Firearm 4	Suicide Suffocation 78	Suicide Suffocation 104	Suicide Suffocation 78	Suicide Suffocation 59	Accident Fall 71	Accident Poisoning 99	Accident Suffocation 54	Suicide Firearm 45	Suicide Firearm 1,295
5		Assault Non-firearm 2	Accident Suffocation 4	Accident Drowning 32	Suicide Poisoning 36	Suicide Poisoning 42	Accident Fall 43	Suicide Poisoning 51	Accident Suffocation 48	Surgical Complications 49	Surgical Complications 29	Suicide Suffocation 393
6			Suicide Poisoning 3	Assault Firearm 30	Assault Firearm 20	Assault Firearm 31	Suicide Poisoning 41	Accident Suffocation 32	Suicide Poisoning 34	Accident unspecified injury 22	Accident unspecified injury 24	Accident Suffocation 267
7	Accident Assault/Legal Intervention Suicide		(TIE) Accident Drowning; Accident Fire; Accident Fall; Accident Water Transport; Accident Air Transport; Accident Struck by Object; Late Effects	Suicide Poisoning 23	Legal Intervention Firearm 14	Undetermined Poisoning 22	Assault Firearm 34	Suicide Suffocation 28	Surgical Complications 32	Accident Fire 20	Late Effects 13	Suicide Poisoning 242
8				Assault Non-firearm 10	Accident Drowning 12	Accident Fall 20	Undetermined Poisoning 16	Surgical Complications 25	Late Effects 22	Accident Poisoning 16	Accident Environmental Exposure 9	Surgical Complications 164
9				Accident Firearm 9	Accident Fall 11	Accident Drowning 14	Accident Suffocation 15	Accident Drowning 19	Accident Fire 15	Late Effects 13	(TIE) Accident Fire; Accident Poisoning	Assault Firearm 145
10				(TIE) ³ 2	Undetermined Poisoning 4	Accident Suffocation 12	(TIE) ⁴ 14	(TIE) Accident Fire; Late Effects 18	Suicide Suffocation 14	Suicide Poisoning 12		Accident Drowning 120
Residual ²	4	7	8	29	79	99	107	112	104	74	30	893
Total	53	41	100	814	993	998	973	995	849	916	980	7,712

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.

1. Data are shown for causes with 2 or more deaths for given age group.

2. Residual: number of all other injury deaths in the age group.

3. Tie at rank 10 for age 15-24 years: Accident suffocation; Accident fire; Accident water transport; Accident fall; Accident environment exposure; Suicide cut; Surgical complications; Undetermined firearm; Undetermined Poisoning.

4. Tie at rank 10 for age 45-54 years: Accident environment exposure; Surgical complications.

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Place of Injury
2022

TYPE OF ACCIDENTAL (UNINTENTIONAL INJURY) DEATH	TOTAL	PLACE OF INJURY ¹				
		Home	Street or highway	Other public place	Residential or public institution	Not stated
TOTAL	1,158	542	242	165	116	93
Motor Vehicle Total	270	7	208	28	-	27
Motor vehicle with collision with another vehicle, heavy transport, or bus	90	1	84	2	-	3
Motor vehicle, noncollision	57	-	50	4	-	3
Other and unspecified motor vehicle accident	33	1	13	6	-	13
Injury to motorcyclist, except with railway train	28	2	19	5	-	2
Injury to pedestrian with motor vehicle	17	-	17	-	-	-
Injury to occupant of special-use motor vehicle*	17	2	5	10	-	-
Motor vehicle with collision with fixed object	16	-	13	1	-	2
Injury to pedestrian with unspecified motor vehicle	6	1	2	-	-	3
Injury to pedal cyclist with motor vehicle	5	-	4	-	-	1
Motor vehicle with collision with train	1	-	1	-	-	-
Injury to motorcyclist with collision with train	-	-	-	-	-	-
Injury to occupant of three-wheeled motor vehicle	-	-	-	-	-	-
Injury to rider or occupant of animal-drawn vehicle with motor vehicle	-	-	-	-	-	-
Non-Motor Vehicle Total	888	535	34	137	116	66
Falls	365	215	2	32	103	13
Drug Poisoning and exposure to noxious substances**	343	251	9	54	9	20
Suffocation, food or object	33	6	-	-	4	23
Other and unspecified external causes of accidental injury	33	13	1	12	-	7
Drowning and submersion	19	6	-	13	-	-
Other and unspecified land transport accident	18	1	15	2	-	-
Suffocation, mechanical	18	18	-	-	-	-
Fire	15	14	-	-	-	1
Water transportation accident	13	1	-	11	-	1
Exposure to excessive natural cold	13	6	-	6	-	1
Air and space transportation accident	5	-	1	4	-	-
Pedal cyclist not with motor vehicle or train	3	-	2	1	-	-
Firearm	3	1	2	-	-	-
Rider of animal or occupant of animal-drawn vehicle not with motor vehicle or train	2	-	1	1	-	-
Exposure to electric current	2	1	-	1	-	-
Exposure to excessive natural heat	2	2	-	-	-	-
Pedestrian not with motor vehicle or train	1	-	1	-	-	-

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

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

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

IDAHO RESIDENT MORTALITY
Accidental (Unintentional Injury) Mortality by Type of Accident
2022

RESIDENCE	TOTAL	Discharge of firearms	Drowning and submersion	Falls	Motor vehicle	Poisoning and exposure to noxious substances ¹		Suffocation ³	All other accidents
						Total	Drugs ²		
IDAHO TOTAL*	1,158	3	19	365	270	343	322	51	107
District 1	173	1	-	54	37	55	50	6	20
District 2	97	-	5	27	24	26	25	3	12
District 3	173	1	3	48	40	54	50	11	16
District 4	302	1	4	111	46	106	102	13	21
District 5	166	-	3	50	52	33	32	10	18
District 6	129	-	3	44	36	35	32	4	7
District 7	117	-	1	31	34	34	31	4	13
Ada	273	1	3	104	36	101	97	12	16
Adams	2	-	-	1	-	1	1	-	-
Bannock	60	-	-	24	9	24	22	1	2
Bear Lake	5	-	-	1	1	1	1	1	1
Benewah	9	1	-	2	5	1	1	-	-
Bingham	38	-	2	10	16	7	6	2	1
Blaine	14	-	1	5	3	2	2	1	2
Boise	5	-	-	1	2	-	-	1	1
Bonner	33	-	-	6	13	6	5	-	8
Bonneville	69	-	1	23	12	25	23	2	6
Boundary	6	-	-	2	-	3	3	1	-
Butte	3	-	-	-	3	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-
Canyon	122	1	1	31	28	44	41	7	10
Caribou	8	-	-	1	3	2	2	-	2
Cassia	28	-	-	7	9	4	3	5	3
Clark	-	-	-	-	-	-	-	-	-
Clearwater	10	-	1	2	-	6	5	-	1
Custer	6	-	-	-	4	1	1	-	1
Elmore	15	-	1	2	5	4	4	-	3
Franklin	4	-	-	2	2	-	-	-	-
Fremont	8	-	-	2	4	2	2	-	-
Gem	14	-	-	4	5	4	3	-	1
Gooding	13	-	-	3	4	4	4	-	2
Idaho	18	-	1	4	7	2	2	2	2
Jefferson	15	-	-	1	9	2	2	1	2
Jerome	17	-	1	3	5	6	6	-	2
Kootenai	111	-	-	39	18	40	36	5	9
Latah	21	-	1	10	3	2	2	1	4
Lemhi	7	-	-	1	2	1	-	-	3
Lewis	6	-	-	2	2	1	1	-	1
Lincoln	3	-	-	1	2	-	-	-	-
Madison	6	-	-	2	2	1	1	1	-
Minidoka	16	-	-	6	6	3	3	-	1
Nez Perce	42	-	2	9	12	15	15	-	4
Oneida	6	-	-	5	-	1	1	-	-
Owyhee	9	-	-	1	2	2	2	2	2
Payette	12	-	1	4	2	2	2	2	1
Power	5	-	1	1	2	-	-	-	1
Shoshone	14	-	-	5	1	5	5	-	3
Teton	6	-	-	2	1	2	2	-	1
Twin Falls	75	-	1	25	23	14	14	4	8
Valley	9	-	-	4	3	1	1	-	1
Washington	14	-	1	7	3	1	1	-	2

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

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

*Total and motor vehicle include one death in which county and district of residence was not stated.

WORK INJURY DEATHS OCCURRING IN IDAHO

Manner of Death by Sex and Age, 2022

MANNER OF DEATH	TOTAL	SEX		AGE GROUP					
		Male	Female	<15	15-24	25-44	45-64	65-74	75+
TOTAL	39	32	7	-	4	15	13	4	3
Accidental (unintentional injury)	36	31	5	-	4	14	11	4	3
Intentional self-harm (suicide)	1	-	1	-	-	1	-	-	-
Assault (homicide)	2	1	1	-	-	-	2	-	-
Legal Intervention	-	-	-	-	-	-	-	-	-
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, 2022

	TOTAL	SEX		AGE GROUP					
		Male	Female	<15	15-24	25-44	45-64	65-74	75+
TOTAL	36	5	31	-	4	14	11	4	3
Place of Injury									
Farm or Ranch	7	1	6	-	1	-	4	2	-
Home or Residential Nursing	2	-	2	-	-	1	-	-	1
Industrial or Construction	8	1	7	-	-	4	3	1	-
School, Hospital or Public Institution	-	-	-	-	-	-	-	-	-
Sports or Athletics	-	-	-	-	-	-	-	-	-
Street or Highway	10	1	9	-	2	4	3	1	-
Trade or Service	4	1	3	-	-	3	-	-	1
Unspecified/Other	5	1	4	-	1	2	1	-	1
Type of Accident									
Total Motor vehicle accidents	11	2	9	-	2	2	5	1	1
Collision with other motor vehicle	1	-	1	-	1	-	-	-	-
Heavy transport vehicle with motor vehicle	1	-	1	-	-	1	-	-	-
Noncollision	2	1	1	-	-	1	1	-	-
Occupant of special vehicle mainly used in Agriculture	3	-	3	-	-	-	2	-	1
Occupant of special construction vehicle	1	-	1	-	-	-	-	1	-
Occupant of special all-terrain or motor vehicle designed for off-highway use	3	1	2	-	1	-	2	-	-
Air and space transportation	2	1	1	-	-	2	-	-	-
Falls	7	-	7	-	-	-	4	1	2
Suffocation, mechanical	1	-	1	-	1	-	-	-	-
Electric current	3	-	3	-	-	3	-	-	-
Accidental poisoning and exposure to noxious substances	5	1	4	-	-	3	2	-	-
Poisoning, drugs	3	1	2	-	-	3	-	-	-
Poisoning, gases and vapors	2	-	2	-	-	-	2	-	-
Struck by thrown, projected, or falling object	1	-	1	-	-	1	-	-	-
Caught, crushed, jammed, or pinched in or between objects	2	-	2	-	-	2	-	-	-
Explosion and rupture of gas cylinder	1	-	1	-	-	1	-	-	-
Bitten or struck by animal other than rat or dog	2	-	2	-	1	-	-	1	-
Exposure to other or unspecified factors	1	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

2022

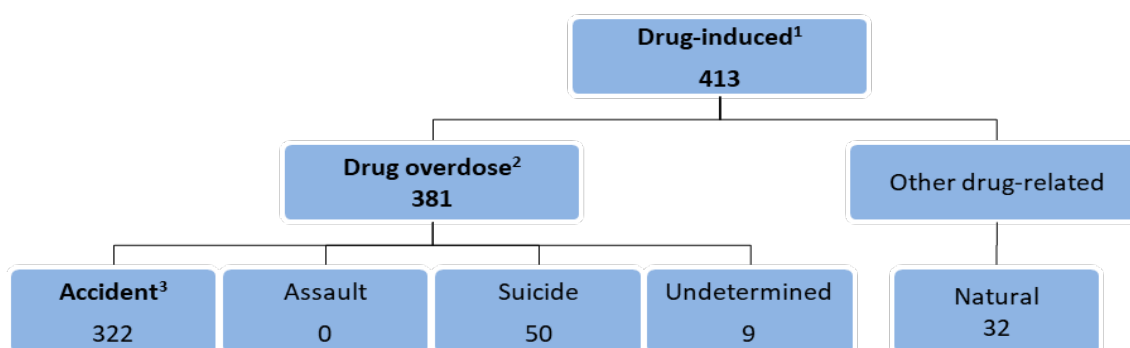
Drug-related deaths are typically reported using the following classifications-

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 ¹		Drug Overdose ²		Accidental Drug Overdose ³	
	Number	Rate	Number	Rate	Number	Rate
IDAHO TOTAL	413	21.3	381	19.6	322	16.6
HEALTH DISTRICT						
District 1	62	22.7	58	21.3	50	18.3
District 2	32	28.0	28	24.5	25	21.9
District 3	61	18.7	58	17.7	50	15.3
District 4	138	24.2	126	22.1	102	17.9
District 5	47	22.0	43	20.1	32	15.0
District 6	38	20.7	35	19.0	32	17.4
District 7	35	13.6	33	12.8	31	12.0
AGE GROUP						
< 15	2	0.5	2	0.5	0	0.0
15-19	5	3.4	5	3.4	5	3.4
20-24	29	21.5	28	20.8	20	14.9
25-34	99	39.4	96	38.2	90	35.8
35-44	88	34.9	85	33.7	78	30.9
45-54	83	37.8	79	36.0	68	31.0
55-64	65	28.7	52	23.0	38	16.8
65-74	32	16.0	27	13.5	22	11.0
75-84	10	10.0	7	7.0	1	1.0
85 +	0	0.0	0	0.0	0	0.0
SEX						
Female	157	16.3	145	15.1	108	11.2
Male	256	26.2	236	24.2	214	21.9

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, 2012-2022

YEAR	CAUSE OF DEATH					
	Drug-Induced ¹		Drug Overdose ²		Accidental Drug Overdose ³	
	Number	Rate	Number	Rate	Number	Rate
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
2022	413	21.3	381	19.6	322	16.6

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
2022

CAUSE OF DEATH	Persons Aged Less Than 75 Years		Years of Potential Life Lost (YPLL) Before Age 75		
	Number of Deaths	Percentage of Deaths	Total Number of YPLL	YPLL Rate ¹	Average Number of YPLL per Death
Drug-Induced ¹	403	5.4%	12,811	708.5	31.8
Drug Overdose ²	374	5.1%	12,170	673.1	32.5
Accidental Drug Overdose ³	321	4.3%	10,576	584.9	32.9

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

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

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

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

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

IDAHO RESIDENT DRUG OVERDOSE¹ MORTALITY

Type of Drug Reported by District of Residence in 2022

DRUGS REPORTED AND ICD-10 CODES	Total	DISTRICT OF RESIDENCE						
		District 1	District 2	District 3	District 4	District 5	District 6	District 7
TOTAL DRUG OVERDOSE DEATHS	381	58	28	58	126	43	35	33
Drug Deaths, Drug(s) reported								
No drug reported	12	-	-	-	1	6	1	4
One or more drug(s) reported	369	58	28	58	125	37	34	29
Drug Deaths Reporting Opioids								
Total Drug Deaths Reporting Opioids ²	270	47	20	44	93	22	24	20
Opium (T40.0)	-	-	-	-	-	-	-	-
Heroin (T40.1)	11	1	1	1	4	-	3	1
Natural and semisynthetic opioid (such as oxycodone, morphine, and codeine, T40.2)	71	10	8	6	29	8	7	3
Methadone (T40.3)	15	1	1	2	8	-	2	1
Synthetic opioid other than methadone (such as fentanyl and tramadol, T40.4)	199	38	12	36	66	12	17	18
Fentanyl specifically reported	188	35	12	35	60	12	17	17
Other/unspecified narcotic (T40.6)	4	-	1	-	-	2	-	1
Drug Deaths Reporting Non-Opioids								
Cocaine (T40.5)	13	2	-	1	7	-	1	2
Cannabis (T40.7)	13	8	1	-	-	1	1	2
LSD (Lysergic acid diethylamide, T40.8)	-	-	-	-	-	-	-	-
Benzodiazepines (T42.4)	46	11	6	2	18	3	4	2
Antibiotics, Antiparasitics, antagonist, non-opioid analgesics (T36.0-T39.9)	12	3	-	3	4	1	1	-
Anesthetics, Antiepileptic, and Sedative-Hypnotic ³	33	6	2	1	14	3	6	1
Antidepressants (T43.0-T43.2)	28	5	2	1	12	3	3	2
Psychostimulants with abuse potential (such as methamphetamine, T43.6)	141	22	11	25	44	12	15	12
Methamphetamine specifically reported	133	21	10	24	41	12	14	11
Psychotropic NEC (T43.3-T43.5, T43.8-T43.9)	17	6	1	-	7	1	1	1
Other non-opioids (T44.0-T50.8)	44	11	4	2	14	6	5	2

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
2022

	CAUSE OF DEATH			
	Alcohol-Induced		Firearm-Injury	
	Number	Rate	Number	Rate
IDAHO	374	19.3	337	17.4
HEALTH DISTRICT				
District 1	61	22.4	56	20.5
District 2	30	26.2	22	19.2
District 3	54	16.5	54	16.5
District 4	111	19.5	88	15.5
District 5	42	19.6	35	16.4
District 6	43	23.4	31	16.8
District 7	33	12.8	51	19.8
AGE GROUP				
< 15	-	-	7	1.9
15-19	-	-	17	11.6
20-24	1	0.7	35	26.0
25-34	21	8.4	45	17.9
35-44	39	15.5	50	19.8
45-54	65	29.6	55	25.0
55-64	119	52.6	51	22.6
65-74	100	50.1	41	20.6
75-84	22	22.1	27	27.1
85 +	7	22.4	9	28.8
SEX				
Female	110	11.4	46	4.8
Male	264	27.0	291	29.8
MANNER ¹ (percentage)				
Accident (unintentional injury)	11	2.9%	3	0.9%
Assault (homicide)	-	-	41	12.2%
Intentional self-harm (suicide)	1	0.3%	283	84.0%
Legal intervention	-	-	8	2.4%
Natural	362	96.8%	-	-
Undetermined intent	-	-	2	0.6%

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

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

YEARS OF POTENTIAL LIFE LOST BEFORE AGE 75
Idaho Resident Alcohol-Induced, and Firearm-Injury Mortality
2022

CAUSE OF DEATH	Persons Aged Less Than 75 Years		Years of Potential Life Lost (YPLL) Before Age 75		
	Number of Deaths	Percentage of Deaths	Total Number of YPLL	YPLL Rate ¹	Average Number of YPLL per Death
Alcohol-Induced	345	4.7%	6,208	343.3	18.0
Firearm-Injury	301	4.1%	9,418	520.9	31.3

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

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

IDAHO RESIDENT MORTALITY
Heart Disease, Cancer, Chronic Lower Respiratory Disease, and
Cerebrovascular Disease Trends, 2012-2022

YEAR	CAUSE OF DEATH							
	Heart Disease		Cancer		Chronic Lower Respiratory Disease		Cerebrovascular Disease	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
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
2022	3,479	179.4	3,127	161.3	984	50.7	762	39.3

IDAHO RESIDENT MORTALITY
Heart Disease, Cancer, Chronic Lower Respiratory Disease, and
Cerebrovascular Disease By Health District of Residence, Age Group, and Sex
2022

	CAUSE OF DEATH							
	Heart Disease		Cancer		Chronic Lower Respiratory Disease		Cerebrovascular Disease	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
IDAHO*	3,479	179.4	3,127	161.3	984	50.7	762	39.3
HEALTH DISTRICT								
District 1	541	198.4	558	204.6	169	62.0	140	51.3
District 2	241	210.8	237	207.3	92	80.5	60	52.5
District 3	657	200.9	596	182.3	200	61.2	142	43.4
District 4	897	157.6	832	146.2	216	38.0	191	33.6
District 5	421	196.8	335	156.6	107	50.0	83	38.8
District 6	314	170.6	281	152.7	104	56.5	74	40.2
District 7	408	158.2	288	111.6	95	36.8	72	27.9
AGE GROUP								
< 15	4	1.1	5	1.3	2	0.5	-	-
15-19	-	-	4	2.7	-	-	-	-
20-24	2	1.5	-	-	-	-	-	-
25-34	8	3.2	22	8.8	3	1.2	6	2.4
35-44	50	19.8	53	21.0	2	0.8	4	1.6
45-54	123	56.0	155	70.6	13	5.9	17	7.7
55-64	336	148.6	469	207.4	110	48.7	53	23.4
65-74	655	328.3	910	456.2	283	141.9	130	65.2
75-84	976	979.3	949	952.2	342	343.1	230	230.8
85 and older	1,325	4,233.1	560	1,789.1	229	731.6	322	1,028.7
SEX								
Female	1,527	158.7	1,430	148.7	512	53.2	418	43.5
Male	1,952	199.8	1,697	173.7	472	48.3	344	35.2

Rates are deaths per 100,000 population for 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.

*There were two deaths in 2022 with place of residence unknown (one Accident and one Chronic lower respiratory disease).

IDAHO RESIDENT MORTALITY
Accidents, Suicide, and Homicide Deaths
Trends, 2012-2022

YEAR	CAUSE OF DEATH					
	Accidents		Suicide		Homicide	
	Number	Rate	Number	Rate	Number	Rate
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
2022	1,158	59.7	441	22.7	51	2.6

IDAHO RESIDENT MORTALITY
Accident, Suicide, and Homicide Deaths
By Health District of Residence, Age Group, and Sex
2022

	CAUSE OF DEATH					
	Accident		Suicide		Homicide	
	Number	Rate	Number	Rate	Number	Rate
IDAHO	1,158	59.7	441	22.7	51	2.6
HEALTH DISTRICT						
District 1	173	63.4	61	22.4	10	3.7
District 2	97	84.8	26	22.7	6	5.2
District 3	173	52.9	64	19.6	15	4.6
District 4	302	53.1	125	22.0	5	0.9
District 5	166	77.6	54	25.2	8	3.7
District 6	129	70.1	50	27.2	3	1.6
District 7	117	45.4	61	23.6	4	1.6
AGE GROUP						
< 15	19	5.0	12	3.2	2	0.5
15-19	27	18.4	23	15.7	3	2.0
20-24	46	34.2	40	29.7	12	8.9
25-34	151	60.1	78	31.1	5	2.0
35-44	138	54.7	56	22.2	12	4.8
45-54	133	60.6	64	29.1	10	4.6
55-64	132	58.4	72	31.8	2	0.9
65-74	121	60.7	52	26.1	-	-
75-84	171	171.6	34	34.1	3	3.0
85 and older	220	702.9	10	31.9	2	6.4
SEX						
Female	437	45.4	97	10.1	11	1.1
Male	721	73.8	344	35.2	40	4.1

Rates are deaths per 100,000 population for 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.

*There were two deaths in 2022 with place of residence unknown (one Accident and one Chronic lower respiratory disease).

IDAHO RESIDENT MORTALITY
Alzheimer's Disease, Diabetes, and Chronic Liver Disease and Cirrhosis
Trends, 2012-2022

YEAR	CAUSE OF DEATH					
	Alzheimer's disease		Diabetes		Chronic Liver Disease & Cirrhosis	
	Number	Rate	Number	Rate	Number	Rate
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
2022	845	43.6	473	24.4	314	16.2

IDAHO RESIDENT MORTALITY
Alzheimer's Disease, Diabetes, and Chronic Liver Disease and Cirrhosis
By Health District of Residence, Age Group, and Sex
2022

	CAUSE OF DEATH					
	Alzheimer's disease		Diabetes		Chronic Liver Disease & Cirrhosis	
	Number	Rate	Number	Rate	Number	Rate
IDAHO	845	43.6	473	24.4	314	16.2
HEALTH DISTRICT						
District 1	101	37.0	71	26.0	51	18.7
District 2	48	42.0	65	56.8	28	24.5
District 3	135	41.3	64	19.6	53	16.2
District 4	298	52.4	101	17.7	85	14.9
District 5	89	41.6	60	28.0	31	14.5
District 6	78	42.4	60	32.6	43	23.4
District 7	96	37.2	52	20.2	23	8.9
AGE GROUP						
< 15	-	-	1	0.3	-	-
15-19	-	-	2	1.4	-	-
20-24	-	-	2	1.5	-	-
25-34	-	-	3	1.2	10	4.0
35-44	-	-	16	6.3	32	12.7
45-54	-	-	33	15.0	51	23.2
55-64	6	2.7	64	28.3	91	40.2
65-74	70	35.1	140	70.2	84	42.1
75-84	274	274.9	130	130.4	38	38.1
85 and older	495	1,581.4	82	262.0	8	25.6
SEX						
Female	547	56.9	201	20.9	117	12.2
Male	298	30.5	272	27.8	197	20.2

Rates are deaths per 100,000 population for 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, 2012-2022

YEAR	CAUSE OF DEATH					
	Influenza and pneumonia		Influenza		Pneumonia	
	Number	Rate	Number	Rate	Number	Rate
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
2022	200	10.3	55	2.8	145	7.5

IDAHO RESIDENT MORTALITY
Influenza and Pneumonia Deaths
By Health District of Residence, Age Group, and Sex
2022

	CAUSE OF DEATH					
	Influenza and pneumonia		Influenza		Pneumonia	
	Number	Rate	Number	Rate	Number	Rate
IDAHO	200	10.3	55	2.8	145	7.5
HEALTH DISTRICT						
District 1	31	11.4	14	5.1	17	6.2
District 2	17	14.9	5	4.4	12	10.5
District 3	38	11.6	7	2.1	31	9.5
District 4	41	7.2	15	2.6	26	4.6
District 5	32	15.0	5	2.3	27	12.6
District 6	27	14.7	5	2.7	22	12.0
District 7	14	5.4	4	1.6	10	3.9
AGE GROUP						
< 15	3	0.8	2	0.5	1	0.3
15-19	1	0.7	1	0.7	-	-
20-24	1	0.7	-	-	1	0.7
25-34	2	0.8	1	0.4	1	0.4
35-44	7	2.8	-	-	7	2.8
45-54	12	5.5	1	0.5	11	5.0
55-64	20	8.8	6	2.7	14	6.2
65-74	27	13.5	7	3.5	20	10.0
75-84	59	59.2	21	21.1	38	38.1
85 and older	68	217.2	16	51.1	52	166.1
SEX						
Female	110	11.4	27	2.8	83	8.6
Male	90	9.2	28	2.9	62	6.3

Rates are deaths per 100,000 population for 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, 2020-2022

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
2022	1,103	56.9	820	42.3	283	14.6

IDAHO RESIDENT MORTALITY
COVID-19-Related Deaths
By Health District of Residence, Age Group, and Sex
2022

	COVID-19 Deaths					
	Related		Underlying		Contributed	
	Number	Rate	Number	Rate	Number	Rate
IDAHO	1,103	56.9	820	42.3	283	14.6
HEALTH DISTRICT						
District 1	245	89.8	191	70.0	54	19.8
District 2	89	77.8	71	62.1	18	15.7
District 3	165	50.5	119	36.4	46	14.1
District 4	267	46.9	178	31.3	89	15.6
District 5	115	53.8	86	40.2	29	13.6
District 6	121	65.8	97	52.7	24	13.0
District 7	101	39.2	78	30.2	23	8.9
AGE GROUP						
< 15	3	0.8	2	0.5	1	0.3
15-19	1	0.7	-	-	1	0.7
20-24	3	2.2	3	2.2	-	-
25-34	7	2.8	4	1.6	3	1.2
35-44	23	9.1	16	6.3	7	2.8
45-54	51	23.2	43	19.6	8	3.6
55-64	137	60.6	101	44.7	36	15.9
65-74	232	116.3	187	93.7	45	22.6
75-84	309	310.0	233	233.8	76	76.3
85 and older	337	1,076.6	231	738.0	106	338.6
SEX						
Female	458	47.6	333	34.6	125	13.0
Male	645	66.0	487	49.8	158	16.2

Rates are deaths per 100,000 population for 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
2022

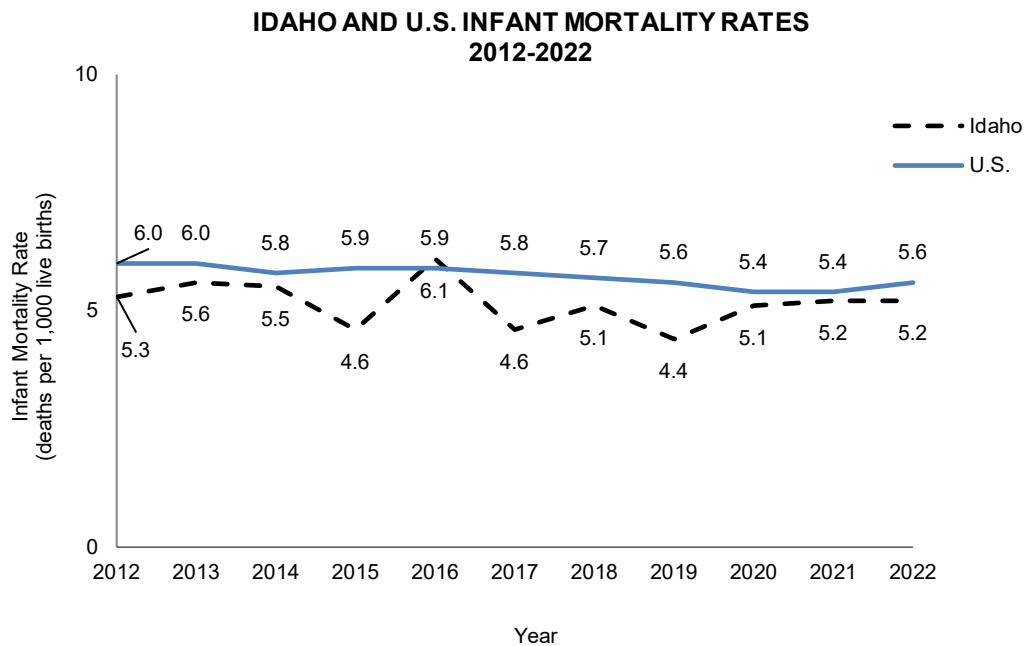
RESIDENCE	TOTAL DEATHS	DISPOSITION METHOD								
		Burial & entombment		Cremation*		Donation		Removal from Idaho		Other
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number
IDAHO	17,115	4,124	24.1%	11,793	68.9%	13	0.1%	1,181	6.9%	4
District 1	2,878	274	9.5	2,267	78.8	3	0.1	332	11.5	2
District 2	1,346	224	16.6	874	64.9	1	0.1	247	18.4	-
District 3	2,984	649	21.8	2,161	72.4	1	0.0	172	5.8	1
District 4	4,355	829	19.0	3,361	77.2	3	0.1	162	3.7	-
District 5	1,993	606	30.4	1,318	66.1	3	0.2	66	3.3	-
District 6	1,751	771	44.1	875	50.0	1	0.1	103	5.9	1
District 7	1,806	771	42.7	935	51.8	1	0.1	99	5.5	-
Ada	3,919	764	19.5	3,004	76.7	2	0.1	149	3.8	-
Adams	59	13	22.0	43	72.9	-	-	3	5.1	-
Bannock	885	311	35.1	536	60.6	-	-	38	4.3	-
Bear Lake	61	36	59.0	5	8.2	-	-	20	32.8	-
Benewah	143	15	10.5	118	82.5	-	-	10	7.0	-
Bingham	464	232	50.0	219	47.2	-	-	13	2.8	-
Blaine	144	21	14.6	119	82.6	1	0.7	3	2.1	-
Boise	73	7	9.6	64	87.7	1	1.4	1	1.4	-
Bonner	557	47	8.5	393	70.7	1	0.2	115	20.7	1
Bonneville	999	397	39.7	566	56.7	1	0.1	35	3.5	-
Boundary	144	25	17.4	107	74.3	-	-	12	8.3	-
Butte	36	13	36.1	22	61.1	-	-	1	2.8	-
Camas	5	1	20.0	4	80.0	-	-	-	-	-
Canyon	2,086	454	21.8	1,556	74.6	1	0.1	74	3.6	1
Caribou	71	37	52.1	30	42.3	-	-	4	5.6	-
Cassia	236	118	50.0	107	45.3	-	-	11	4.7	-
Clark	5	2	40.0	3	60.0	-	-	-	-	-
Clearwater	146	14	9.6	126	86.3	-	-	6	4.1	-
Custer	54	13	24.1	41	75.9	-	-	-	-	-
Elmore	264	46	17.4	208	78.8	-	-	10	3.8	-
Franklin	128	88	69.3	20	15.8	-	-	19	15.0	1
Fremont	132	73	55.3	53	40.2	-	-	6	4.6	-
Gem	237	58	24.5	176	74.3	-	-	3	1.3	-
Gooding	180	57	31.7	115	63.9	-	-	8	4.4	-
Idaho	223	51	22.9	167	74.9	-	-	5	2.2	-
Jefferson	229	118	51.5	99	43.2	-	-	12	5.2	-
Jerome	215	57	26.5	148	68.8	-	-	10	4.7	-
Kootenai	1,821	174	9.6	1,461	80.2	1	0.1	185	10.2	-
Latah	300	51	17.0	67	22.3	1	0.3	181	60.3	-
Lemhi	119	28	23.5	86	72.3	-	-	5	4.2	-
Lewis	59	7	11.9	50	84.8	-	-	2	3.4	-
Lincoln	41	14	34.2	24	58.5	-	-	3	7.3	-
Madison	212	124	58.5	73	34.4	-	-	15	7.1	-
Minidoka	209	91	43.5	111	53.1	1	0.5	6	2.9	-
Nez Perce	618	101	16.3	464	75.1	-	-	53	8.6	-
Oneida	47	29	61.7	11	23.4	-	-	7	14.9	-
Owyhee	130	38	29.2	87	66.9	-	-	5	3.9	-
Payette	301	55	18.3	177	58.8	-	-	69	22.9	-
Power	59	25	42.4	32	54.2	1	1.7	1	1.7	-
Shoshone	213	13	6.1	188	88.7	1	0.5	10	4.7	1
Teton	56	16	28.6	14	25.0	-	-	26	46.4	-
Twin Falls	963	247	25.7	690	71.7	1	0.1	25	2.6	-
Valley	99	12	12.1	85	85.9	-	-	2	2.0	-
Washington	171	31	18.1	122	71.4	-	-	18	10.5	-

*There were 2 deaths in 2022 in which county of residence was unknown. Disposition for both was cremation.

INFANT, FETAL, AND MATERNAL MORTALITY

U.S. and Idaho Infant Mortality

Infant mortality is defined as death under one year of age. The provisional infant mortality rate in the U.S. (5.6 deaths per 1,000 births) was an increase from the rate in 2021 (5.4 deaths per 1,000 births).¹ The provisional number of infant deaths in the U.S. was 20,516. The infant mortality rate for Idaho residents remained the same in 2022 as in 2021 (5.2 per 10,000 births). There were 116 infant deaths among Idaho residents in 2022 compared with 117 in 2021.



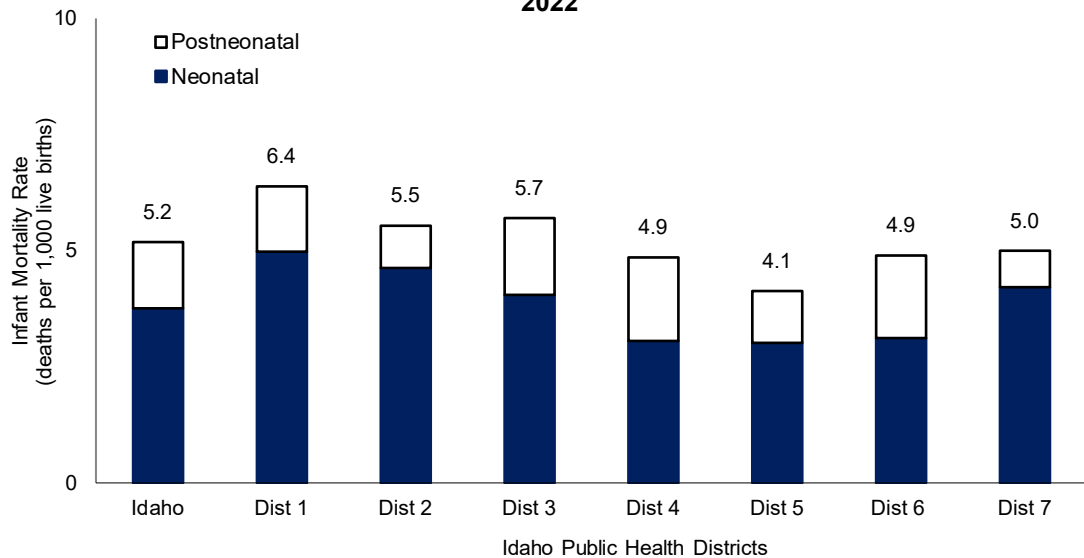
Neonatal and Postneonatal Mortality

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 3.5 per 1,000 births in 2021 to 3.8 per 1,000 births in 2022. The postneonatal mortality rate decreased from 1.7 in 2021 per 1,000 births to 1.4 in 2022. The provisional U.S. neonatal mortality rate was 3.6 and the postneonatal mortality rate was 2.0 in 2022.¹

Public Health District 1 experienced the highest infant mortality rate in 2022 with 6.4 deaths per 1,000 live births. District 5 had the lowest rate in 2022 (4.1). Neonatal mortality ranged from a low of 3.0 neonatal deaths per 1,000 births in District 5 to a high of 5.0 neonatal deaths in District 1. District 7 had the lowest postneonatal death rate in 2022 (0.8) and District 4 and District 6 had the highest postneonatal rates (1.8 per 1,000 births in each district).

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 2011-2013 through 2020-2022 are provided by district and county.

IDAHO, DISTRICT INFANT MORTALITY RATES Neonatal and Postneonatal 2022



U.S. and Idaho Leading Causes of Infant Mortality

In 2022, the leading cause of infant mortality for the U.S. was Congenital malformations, deformations and chromosomal abnormalities (birth defects). The provisional infant mortality rate for birth defects in the U.S. in 2022 was 108.2 deaths per 100,000 live births.¹ In 2022, the second leading cause for the U.S. was Disorders related to short gestation and low birth weight (78.4).¹ In Idaho in 2022, the leading cause of infant death was birth defects with a rate of 111.7 deaths per 100,000 live births; the second leading cause of infant death was Disorders related to short gestation and low birth weight (76.0).

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 2022, there were 90 stillbirths to Idaho residents; the ratio of stillbirths to live births was 4.0 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 4.0 stillbirths per 1,000 live births in 2022, 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 2022, there were 161 perinatal deaths to Idaho residents, and the Idaho perinatal mortality ratio in 2022 was 7.2 deaths per 1,000 live births.

Maternal Mortality

The World Health Organization defines maternal death as “the death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental or incidental causes.”³ Maternal causes of death include pregnancies with a live birth, stillbirth, fetal demise or abortive outcome and can be divided into two groups:

- 1) Direct obstetric deaths are those resulting from obstetric complications of the pregnancy from interventions, omissions, incorrect treatment, or from chain of events resulting from the pregnancy, labor and the puerperium.
- 2) Indirect obstetric deaths are those resulting from previous existing disease or disease that developed during pregnancy and which was not due to direct causes, but which was aggravated by physiologic effects of pregnancy.

In 2003, the Idaho death certificate was revised to include a separate question regarding pregnancy status of females aged 10 to 54 years. Data are reported if the female was pregnant at time of death, within 42 days of death, or 43 days to one year prior to death. Data from this question are used in conjunction with cause-of-death information reported in Part I and Part II on the death certificate to determine the underlying cause of death. This separate pregnancy status checkbox on the death certificate resulted in the identification of more maternal deaths in states with the revised death certificate.² Idaho maternal death data from 2003 to 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.⁴ At the same time, the National Center for Health Statistics (NCHS) conducted an evaluation of the quality of data and concluded there was an overreporting of maternal deaths among older women due to checkbox errors, especially if there was no indication of pregnancy written in the cause-of-death section of the death certificate. In 2018, NCHS adopted a new method for coding (counting) maternal deaths. This new method is called the “2018 coding method”, and this method restricts the application of the pregnancy status checkbox to code the death to a maternal death to females aged 10 to 44 years rather than females aged 10 to 54 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 deaths were to females were aged 45-54 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 method⁴. The national rate was 20.1 in 2019, 23.8 in 2020, and 32.9 in 2021. 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 (9.1 deaths per 100,000 live births); 4 maternal deaths in 2020 (18.6 deaths per 100,000 live births); 5 maternal deaths in 2021 (22.3 deaths per 100,000 live births); and 6 maternal deaths in 2022 (26.8 maternal deaths per 100,000 live births).

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. The national late maternal death rate was 13.2 deaths per 100,000 live births in 2021. 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. In 2022, there was one maternal death and the late maternal death rate was 4.5 per 100,000 live 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 6 maternal deaths plus the 1 late maternal death were a total of 7 deaths due to “Pregnancy, childbirth, and the puerperium” among Idaho women in 2022. Mortality rates for causes of death used to rank leading cause of death are based on female population rather than number of births. In 2022, the death rate for “Pregnancy, childbirth, and the puerperium” for Idaho women was 0.7 deaths per 100,000 females; the rate was 1.0 per 100,000 females in the U.S. in 2021⁴.

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 1999-2021 on CDC WONDER Online Database, released in 2022. Data are from the Multiple Cause of Death Files, 1999-2021, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program, accessed November 2023.

IDAHO RESIDENT INFANT MORTALITY
Number of Infant Deaths and Rates¹
2018-2022

RESIDENCE	2022		2021		2020		2019		2018	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
U.S. ²	20,516	5.6	19,920	5.4	19,582	5.4	20,921	5.6	21,467	5.7
IDAHO	116	5.2	117	5.2	109	5.1	97	4.4	109	5.1
District 1	18	6.4	14	5.2	19	7.2	13	4.8	11	4.3
District 2	6	5.5	5	4.4	9	8.2	6	5.3	9	8.2
District 3	24	5.7	17	4.2	18	4.5	19	5.0	19	5.2
District 4	27	4.9	35	6.2	26	4.8	20	3.6	20	3.7
District 5	11	4.1	19	7.1	10	4.0	5	1.8	15	5.7
District 6	11	4.9	9	3.8	8	3.6	13	5.5	16	7.1
District 7	19	5.0	18	4.8	19	5.2	21	5.5	19	5.0
Ada	23	4.6	30	5.9	24	4.9	19	3.9	18	3.7
Adams	-	-	1	38.5	1	25.6	-	-	-	-
Bannock	4	3.9	5	4.5	4	3.8	8	7.1	6	5.4
Bear Lake	1	13.0	-	-	-	-	1	13.2	-	-
Benewah	1	8.3	1	12.5	-	-	1	9.3	-	-
Bingham	4	6.3	1	1.5	-	-	4	6.3	6	10.2
Blaine	1	5.3	1	4.9	-	-	1	5.6	-	-
Boise	2	29.0	1	15.4	-	-	-	-	1	21.3
Bonner	3	6.4	6	13.3	4	10.1	1	2.3	1	2.5
Bonneville	15	8.4	7	3.8	11	6.2	14	7.6	15	8.3
Boundary	2	12.7	-	-	2	13.6	2	14.4	3	19.5
Butte	-	-	-	-	1	34.5	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	21	6.2	11	3.4	15	4.7	13	4.3	16	5.5
Caribou	1	11.2	-	-	-	-	-	-	-	-
Cassia	2	5.7	1	2.6	4	10.4	1	2.4	1	2.7
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	-	-	-	-	2	27.4	-	-	1	15.4
Custer	-	-	1	34.5	-	-	-	-	-	-
Elmore	2	4.4	3	6.7	2	4.8	1	2.2	1	2.4
Franklin	1	4.1	1	4.8	2	9.7	-	-	4	20.6
Fremont	-	-	-	-	-	-	2	11.4	-	-
Gem	-	-	1	5.1	-	-	2	10.6	1	5.2
Gooding	-	-	2	8.9	-	-	-	-	2	11.0
Idaho	1	5.8	-	-	1	8.3	-	-	-	-
Jefferson	1	2.2	3	7.0	4	9.0	2	4.5	1	2.3
Jerome	1	2.7	6	16.9	-	-	-	-	3	8.0
Kootenai	12	6.3	5	2.7	12	6.6	9	4.8	7	4.0
Latah	1	2.2	-	-	1	2.4	4	9.7	6	15.3
Lemhi	1	19.2	-	-	-	-	-	-	1	14.7
Lewis	-	-	-	-	-	-	1	29.4	1	26.3
Lincoln	-	-	3	50.0	-	-	-	-	1	16.9
Madison	2	1.8	6	5.4	2	1.8	3	2.6	1	0.9
Minidoka	2	6.6	1	3.3	1	3.7	-	-	-	-
Nez Perce	4	10.9	5	11.6	5	11.2	1	2.2	1	2.2
Oneida	-	-	-	-	1	27.0	-	-	-	-
Owyhee	2	14.6	1	6.2	1	7.1	1	6.8	1	7.2
Payette	1	3.2	3	9.0	-	-	3	9.6	1	3.5
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	4.4	5	4.5	3	2.5	8	6.9
Valley	-	-	1	12.0	-	-	-	-	-	-
Washington	-	-	-	-	1	10.3	-	-	-	-

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

²Source for U.S. infant death rates: Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Natality on CDC WONDER Online Database. Data are from the Natality Records 2007-2022, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. 2022 data are provisional.

IDAHO RESIDENT INFANT MORTALITY
Sex, One Race or Multiple Race and Ethnicity¹ of Infant
2022

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	116	60	56	100	4	3	2	1	3	93	21
District 1	18	8	10	15	-	1	-	1	-	15	3
District 2	6	2	4	5	-	-	-	-	1	4	2
District 3	24	14	10	24	-	-	-	-	-	19	5
District 4	27	13	14	21	3	1	1	-	1	23	4
District 5	11	7	4	11	-	-	-	-	-	10	1
District 6	11	7	4	8	-	1	-	-	1	8	2
District 7	19	9	10	16	1	-	1	-	-	14	4
Ada	23	11	12	17	3	1	1	-	1	19	4
Adams	-	-	-	-	-	-	-	-	-	-	-
Bannock	4	2	2	3	-	-	-	-	-	2	1
Bear Lake	1	1	-	1	-	-	-	-	-	1	-
Benewah	1	-	1	-	-	1	-	-	-	1	-
Bingham	4	3	1	2	-	1	-	-	1	3	1
Blaine	1	-	1	1	-	-	-	-	-	-	1
Boise	2	1	1	2	-	-	-	-	-	2	-
Bonner	3	1	2	3	-	-	-	-	-	3	-
Bonneville	15	7	8	13	1	-	1	-	-	11	4
Boundary	2	2	-	1	-	-	-	1	-	1	1
Butte	-	-	-	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-	-
Canyon	21	12	9	21	-	-	-	-	-	16	5
Caribou	1	-	1	1	-	-	-	-	-	1	-
Cassia	2	2	-	2	-	-	-	-	-	2	-
Clark	-	-	-	-	-	-	-	-	-	-	-
Clearwater	-	-	-	-	-	-	-	-	-	-	-
Custer	-	-	-	-	-	-	-	-	-	-	-
Elmore	2	1	1	2	-	-	-	-	-	2	-
Franklin	1	1	-	1	-	-	-	-	-	1	-
Fremont	-	-	-	-	-	-	-	-	-	-	-
Gem	-	-	-	-	-	-	-	-	-	-	-
Gooding	-	-	-	-	-	-	-	-	-	-	-
Idaho	1	1	-	1	-	-	-	-	-	-	1
Jefferson	1	1	-	1	-	-	-	-	-	1	-
Jerome	1	1	-	1	-	-	-	-	-	1	-
Kootenai	12	5	7	11	-	-	-	-	-	10	2
Latah	1	1	-	-	-	-	-	-	1	1	-
Lemhi	1	-	1	-	-	-	-	-	-	-	-
Lewis	-	-	-	-	-	-	-	-	-	-	-
Lincoln	-	-	-	-	-	-	-	-	-	-	-
Madison	2	1	1	2	-	-	-	-	-	2	-
Minidoka	2	2	-	2	-	-	-	-	-	2	-
Nez Perce	4	-	4	4	-	-	-	-	-	3	1
Oneida	-	-	-	-	-	-	-	-	-	-	-
Owyhee	2	1	1	2	-	-	-	-	-	2	-
Payette	1	1	-	1	-	-	-	-	-	1	-
Power	-	-	-	-	-	-	-	-	-	-	-
Shoshone	-	-	-	-	-	-	-	-	-	-	-
Teton	-	-	-	-	-	-	-	-	-	-	-
Twin Falls	5	2	3	5	-	-	-	-	-	5	-
Valley	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-	-	-

¹Race 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
2022

	Total		Neonatal		Postneonatal	
	Number	Rate	Number	Rate	Number	Rate
TOTAL	116	518.3	84	375.3	32	143.0
Influenza and pneumonia (J09-J18)#	-	-	-	-	-	-
Certain conditions originating in the perinatal period (P00-P96)	54	241.3	54	241.3	-	-
Newborn affected by maternal complications of pregnancy (P01)#	8	35.7	8	35.7	-	-
Newborn affected by complications of placenta, cord and membranes (P02)#	2	8.9	2	8.9	-	-
Disorders related to short gestation and low birth weight, not elsewhere classified (P07)#	17	76.0	17	76.0	-	-
Intrauterine hypoxia & birth asphyxia (P20-P21)#	1	4.5	1	4.5	-	-
Respiratory distress of newborn (P22)#	1	4.5	1	4.5	-	-
Bacterial sepsis of newborn (P36)#	5	22.3	5	22.3	-	-
Neonatal hemorrhage (P50-P52, P54)#	3	13.4	3	13.4	-	-
Other conditions originating in perinatal period	17	76.0	17	76.0	-	-
Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)#	25	111.7	23	102.8	2	8.9
Sudden infant death syndrome (R95)#	6	26.8	1	4.5	5	22.3
Other symptoms, signs, and abnormal clinical and laboratory findings (R00-R53, R55-R94, R96-R99)	8	35.7	1	4.5	7	31.3
Other ill-defined and unspecified causes (R99)	8	35.7	1	4.5	7	31.3
Accidents (V01-X59, Y85-Y86)#	9	40.2	1	4.5	8	35.7
Inhalation/ingestion of food/object (W78-W80)	-	-	-	-	-	-
Suffocation, mechanical (W75-W77, W81-W84)	9	40.2	1	4.5	8	35.7
Suffocation and strangulation in bed (W75)	9	40.2	1	4.5	8	35.7
Assault (homicide X85-Y09, Y87.1)#	1	4.5	-	-	1	4.5
All other causes	13	NA	4	NA	9	40.2

#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 SUID rate in 2022 was 102.8 per 100,000 births for Idaho and 100.6 for the U.S. (provisional).

IDAHO RESIDENT INFANT MORTALITY
Neonatal and Postneonatal Mortality by Age of Mother, 2022

Age of Mother at Time of Infant's Birth	Total		Neonatal		Postneonatal	
	Number	Rate	Number	Rate	Number	Rate
TOTAL	116	5.2	84	3.8	32	1.4
<15	1	333.3	1	333.3	-	-
15-19	8	9.9	6	7.4	2	2.5
15-17	2	12.0	1	6.0	1	6.0
18-19	6	9.4	5	7.8	1	1.6
20-34	87	4.8	59	3.3	28	1.6
35+	19	5.3	17	4.7	2	0.6
Unknown	1	NA	1	NA	-	NA

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

IDAHO RESIDENT INFANT MORTALITY
Leading Causes of Infant Mortality
Three-Year Aggregate, 2020-2022

RESIDENCE	THREE-YEAR TOTAL INFANT DEATHS		CAUSE OF INFANT DEATH						
			Congenital malform- ations ¹	Short Gestation / Unspecified Low Birth Weight	Respiratory Distress of Newborn	All Other Conditions Originating in Perinatal Period	Sudden Infant Death Syndrome (SIDS)	External Causes ²	All Other Causes
	Number	Rate							
IDAHO	342	5.2	80	39	8	109	14	38	54
District 1	51	6.3	15	3	2	10	4	7	10
District 2	20	6.0	3	3	-	10	2	2	-
District 3	59	4.8	10	10	-	16	2	9	12
District 4	88	5.3	20	11	2	27	3	9	16
District 5	40	5.1	10	4	3	15	-	4	4
District 6	28	4.1	8	2	1	9	2	4	2
District 7	56	5.0	14	6	-	22	1	3	10
Ada	77	5.2	19	9	2	22	3	8	14
Adams	2	20.4	-	-	-	-	-	1	1
Bannock	13	4.1	3	-	1	4	1	3	1
Bear Lake	1	4.2	-	-	-	-	-	-	1
Benewah	2	6.5	-	-	-	-	1	1	-
Bingham	5	2.6	-	-	-	3	1	1	-
Blaine	2	3.6	-	-	-	2	-	-	-
Boise	3	17.1	-	-	-	-	-	1	2
Bonner	13	9.9	3	-	2	1	-	2	5
Bonneville	33	6.1	8	5	-	12	1	2	5
Boundary	4	8.9	3	-	-	-	1	-	-
Butte	1	10.9	1	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-
Canyon	47	4.8	8	10	-	14	2	7	6
Caribou	1	3.7	1	-	-	-	-	-	-
Cassia	7	6.3	2	-	1	3	-	1	-
Clark	-	-	-	-	-	-	-	-	-
Clearwater	2	9.7	1	-	-	-	-	1	-
Custer	1	10.3	-	-	-	-	-	-	1
Elmore	7	5.3	1	2	-	4	-	-	-
Franklin	4	6.1	2	2	-	-	-	-	-
Fremont	-	-	-	-	-	-	-	-	-
Gem	1	1.6	-	-	-	1	-	-	-
Gooding	2	3.3	-	-	-	1	-	-	1
Idaho	2	4.3	-	-	-	1	-	1	-
Jefferson	8	6.0	1	-	-	6	-	1	-
Jerome	7	6.6	2	2	1	1	-	1	-
Kootenai	29	5.2	8	3	-	8	2	3	5
Latah	2	1.5	-	-	-	2	-	-	-
Lemhi	1	5.7	1	-	-	-	-	-	-
Lewis	-	-	-	-	-	-	-	-	-
Lincoln	3	15.7	1	-	1	1	-	-	-
Madison	10	3.0	4	1	-	1	-	-	4
Minidoka	4	4.6	2	-	-	1	-	1	-
Nez Perce	14	11.3	2	3	-	7	2	-	-
Oneida	1	6.3	-	-	-	1	-	-	-
Owyhee	4	9.1	2	-	-	-	-	-	2
Payette	4	4.1	-	-	-	1	-	1	2
Power	2	6.6	1	-	-	1	-	-	-
Shoshone	3	6.7	1	-	-	1	-	1	-
Teton	3	7.3	-	-	-	3	-	-	-
Twin Falls	15	4.4	3	2	-	6	-	1	3
Valley	1	3.9	-	-	-	1	-	-	-
Washington	1	3.1	-	-	-	-	-	-	1

Rates are deaths of infants under one year of age per 1,000 live births in 2020-2022.

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

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

IDAHO RESIDENT INFANT MORTALITY
Neonatal and Postneonatal Mortality
2022

RESIDENCE	Total Live Births	Total ¹		Neonatal ²		Postneonatal ³	
		Number	Rate	Number	Rate	Number	Rate
IDAHO	22,380	116	5.2	84	3.8	32	1.4
District 1	2,816	18	6.4	14	5.0	4	1.4
District 2	1,082	6	5.5	5	4.6	1	0.9
District 3	4,209	24	5.7	17	4.0	7	1.7
District 4	5,563	27	4.9	17	3.1	10	1.8
District 5	2,661	11	4.1	8	3.0	3	1.1
District 6	2,244	11	4.9	7	3.1	4	1.8
District 7	3,805	19	5.0	16	4.2	3	0.8
Ada	4,950	23	4.6	15	3.0	8	1.6
Adams	33	-	-	-	-	-	-
Bannock	1,017	4	3.9	3	2.9	1	1.0
Bear Lake	77	1	13.0	-	-	1	13.0
Benewah	120	1	8.3	-	-	1	8.3
Bingham	638	4	6.3	3	4.7	1	1.6
Blaine	190	1	5.3	1	5.3	-	-
Boise	69	2	29.0	-	-	2	29.0
Bonner	468	3	6.4	3	6.4	-	-
Bonneville	1,776	15	8.4	12	6.8	3	1.7
Boundary	158	2	12.7	1	6.3	1	6.3
Butte	28	-	-	-	-	-	-
Camas	10	-	-	-	-	-	-
Canyon	3,376	21	6.2	16	4.7	5	1.5
Caribou	89	1	11.2	-	-	1	11.2
Cassia	352	2	5.7	2	5.7	-	-
Clark	17	-	-	-	-	-	-
Clearwater	63	-	-	-	-	-	-
Custer	38	-	-	-	-	-	-
Elmore	459	2	4.4	2	4.4	-	-
Franklin	246	1	4.1	1	4.1	-	-
Fremont	198	-	-	-	-	-	-
Gem	217	-	-	-	-	-	-
Gooding	215	-	-	-	-	-	-
Idaho	172	1	5.8	-	-	1	5.8
Jefferson	463	1	2.2	1	2.2	-	-
Jerome	371	1	2.7	1	2.7	-	-
Kootenai	1,907	12	6.3	10	5.2	2	1.0
Latah	446	1	2.2	1	2.2	-	-
Lemhi	52	1	19.2	1	19.2	-	-
Lewis	35	-	-	-	-	-	-
Lincoln	75	-	-	-	-	-	-
Madison	1,107	2	1.8	2	1.8	-	-
Minidoka	302	2	6.6	1	3.3	1	3.3
Nez Perce	366	4	10.9	4	10.9	-	-
Oneida	54	-	-	-	-	-	-
Owyhee	137	2	14.6	1	7.3	1	7.3
Payette	312	1	3.2	-	-	1	3.2
Power	95	-	-	-	-	-	-
Shoshone	163	-	-	-	-	-	-
Teton	154	-	-	-	-	-	-
Twin Falls	1,146	5	4.4	3	2.6	2	1.7
Valley	85	-	-	-	-	-	-
Washington	134	-	-	-	-	-	-

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

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

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

IDAHO RESIDENT INFANT MORTALITY
Three-Year Rates¹
2011-2013 Through 2020-2022

RESIDENCE	2020- 2022	2019- 2021	2018- 2020	2017- 2019	2016- 2018	2015- 2017	2014- 2016	2013- 2015	2012- 2014	2011- 2013
IDAHO	5.2	4.9	4.8	4.7	5.3	5.1	5.4	5.3	5.5	5.3
District 1	6.3	5.7	5.5	4.1	4.3	4.3	5.5	5.2	5.3	4.8
District 2	6.0	5.9	7.2	5.6	5.8	4.5	6.2	6.7	7.0	7.0
District 3	4.8	4.5	4.9	5.5	5.9	5.9	5.8	6.3	6.7	6.6
District 4	5.3	4.9	4.0	3.8	4.1	4.3	4.5	4.4	4.4	4.5
District 5	5.1	4.3	3.8	4.2	6.4	6.3	6.7	6.1	6.7	6.1
District 6	4.1	4.3	5.4	6.3	7.2	6.1	5.4	4.9	4.6	5.0
District 7	5.0	5.1	5.2	4.7	4.8	4.7	5.2	4.7	5.1	4.7
Ada	5.2	4.9	4.2	3.9	4.2	4.4	4.5	4.3	4.3	4.4
Adams	20.4	20.4	9.9	-	-	-	-	11.8	11.4	11.6
Bannock	4.1	5.2	5.5	6.1	6.0	5.5	5.3	4.7	4.6	4.6
Bear Lake	4.2	4.2	4.2	4.2	-	-	-	8.4	7.7	12.9
Benewah	6.5	6.8	3.3	3.4	-	-	6.2	12.2	11.9	8.9
Bingham	2.6	2.6	5.4	7.7	9.2	7.5	5.8	5.1	4.1	5.3
Blaine	3.6	3.6	1.8	3.5	3.4	6.4	4.5	3.0	1.5	1.5
Boise	17.1	6.4	7.2	12.6	12.7	6.6	-	-	-	8.4
Bonner	9.9	8.5	4.8	3.9	4.7	8.1	9.6	9.1	6.6	3.4
Bonneville	6.1	5.9	7.4	6.0	6.3	5.4	7.1	6.2	5.8	4.7
Boundary	8.9	9.3	15.9	12.1	7.0	-	2.3	5.0	7.9	5.3
Butte	10.9	11.4	12.8	-	11.4	11.1	12.0	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	4.8	4.1	4.8	4.8	5.5	5.3	5.9	6.2	6.5	6.6
Caribou	3.7	-	-	3.6	7.1	7.4	7.8	3.7	3.7	3.7
Cassia	6.3	5.1	5.1	2.5	6.9	7.1	10.0	7.3	7.9	5.2
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	9.7	9.2	14.2	4.8	19.4	20.3	21.5	5.3	4.9	9.6
Custer	10.3	11.9	-	-	-	-	-	-	-	-
Elmore	5.3	4.5	3.1	2.2	2.2	2.9	5.1	6.4	6.3	5.7
Franklin	6.1	4.7	9.6	11.5	13.6	8.5	3.5	3.5	3.4	5.1
Fremont	-	4.0	3.9	5.6	1.9	5.7	5.5	5.4	5.2	6.8
Gem	1.6	5.1	5.1	6.9	6.7	8.1	11.4	11.6	8.3	3.4
Gooding	3.3	3.4	3.7	5.2	14.9	14.4	14.3	8.2	8.3	8.4
Idaho	4.3	2.2	2.4	2.2	2.2	4.3	6.4	10.8	10.7	6.5
Jefferson	6.0	6.8	5.2	4.3	4.3	3.5	1.5	2.1	4.9	6.1
Jerome	6.6	5.9	2.9	3.7	11.4	8.4	13.3	12.3	15.0	9.1
Kootenai	5.2	4.7	5.2	3.9	4.3	4.2	4.8	4.1	4.6	5.1
Latah	1.5	3.9	9.0	8.8	8.7	5.2	7.5	6.7	6.0	6.7
Lemhi	5.7	-	4.8	12.8	13.3	12.2	12.9	14.0	10.8	5.2
Lewis	-	9.2	17.5	18.9	9.0	-	-	-	-	-
Lincoln	15.7	16.2	5.4	4.8	5.2	4.5	4.9	4.5	14.0	13.3
Madison	3.0	3.3	1.8	2.4	2.7	3.7	3.0	2.4	3.3	3.4
Minidoka	4.6	2.2	1.1	5.4	6.6	8.6	5.4	5.2	9.0	9.0
Nez Perce	11.3	8.2	5.1	2.9	2.1	2.1	3.4	6.3	7.5	7.7
Oneida	6.3	6.1	6.6	-	-	-	-	6.9	7.1	6.8
Owyhee	9.1	6.7	7.1	11.7	12.0	11.8	4.7	4.9	7.2	7.2
Payette	4.1	6.2	4.4	8.8	6.7	7.8	4.5	5.5	9.8	9.7
Power	6.6	6.2	-	-	5.9	5.4	10.0	7.4	7.1	2.5
Shoshone	6.7	7.1	2.3	-	2.2	2.2	4.4	2.2	2.5	-
Teton	7.3	7.9	8.0	2.5	4.8	2.2	4.5	8.9	11.1	8.4
Twin Falls	4.4	3.8	4.6	4.5	3.9	3.6	3.0	4.2	3.3	4.7
Valley	3.9	3.9	-	-	-	3.6	3.7	3.8	-	-
Washington	3.1	3.7	3.5	6.8	6.1	6.0	-	-	-	-

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

IDAHO RESIDENT STILLBIRTHS
Number of Stillbirths and Ratios¹
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	-	-

¹Stillbirth 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 Ratios¹
2018-2022

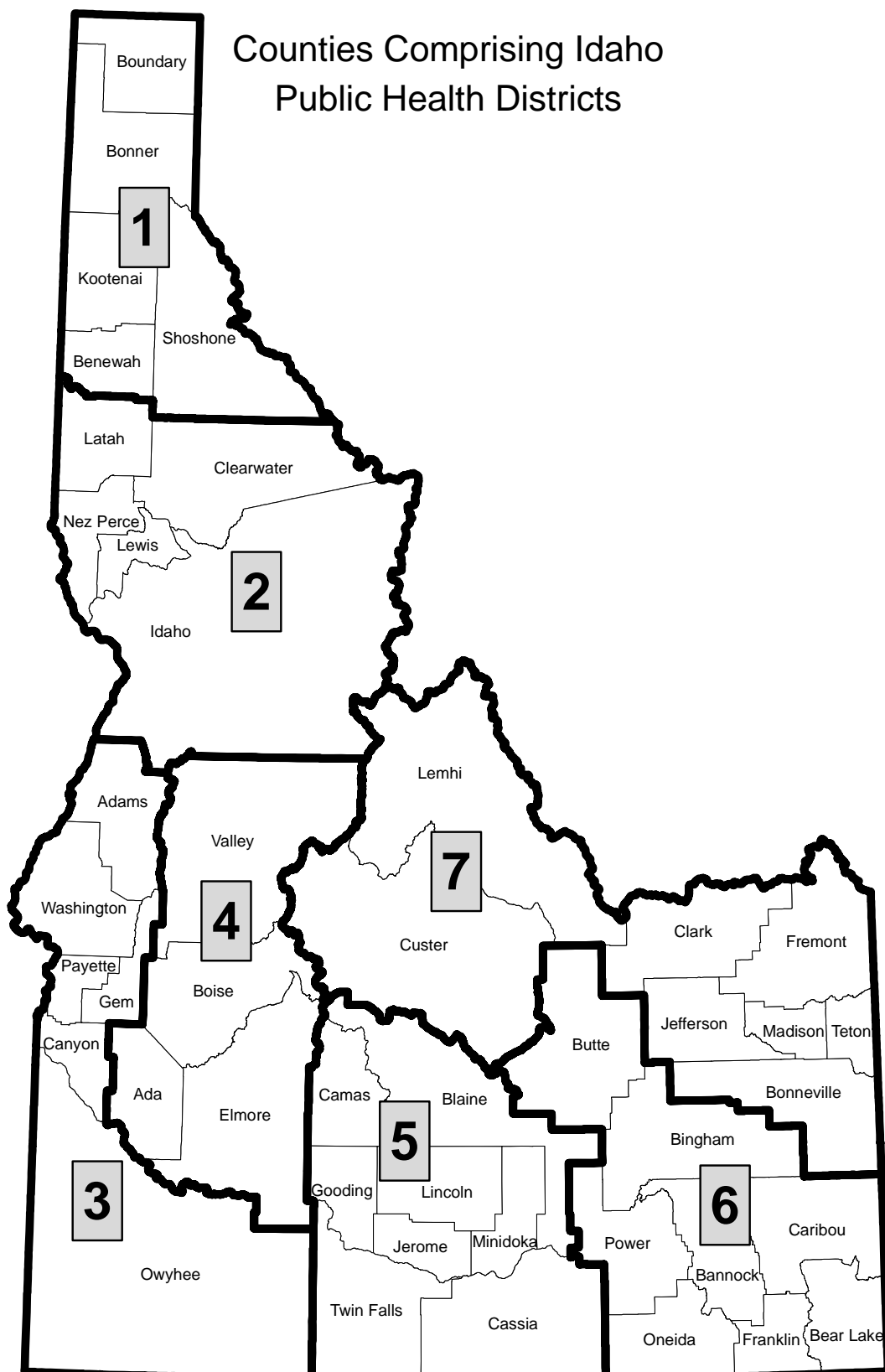
RESIDENCE	2022		2021		2020		2019**		2018	
	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio
Total*	161	7.2	176	7.8	177	8.2	160	7.3	182	8.5
District 1	27	9.6	16	5.9	26	9.9	20	7.5	19	7.5
District 2	12	11.1	14	12.3	7	6.3	9	7.9	14	12.8
District 3	33	7.8	31	7.6	27	6.7	28	7.4	38	10.3
District 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	-	-

¹Perinatal 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:

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

3. Calculate **total expected number of deaths**: sum expected deaths for all age groups

4. Calculate **age-adjusted rate per 100,000 persons**:

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

Life Expectancy Data used to calculate Idaho life expectancy are based on July 1, 2022 population estimates from the U.S. Census Bureau, age-specific population estimates computed by the Bureau of Vital Records and Health Statistics, and 2022 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 2022, Accidents were the third-leading cause of death of Idahoans and accounted for 6.8% of all resident deaths. However, accidents were the leading cause of premature death under age 75 and accounted for 10.4% of all deaths to persons under the age of 75 in 2022. 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).

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 2021-2022

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 and the 2022 annual report are not comparable with bridged race shown from 2003-2020. Data for 2021-2022 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 and 2022 compared with "other race" and "multiple race" based on bridged-race data prior to 2021. Mortality data for unbridged 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 or 2022.

In 2021 and 2022, 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, 2022

One Race and Multiple Race and Ethnicity	July 1, 2022	
	Number	Percent
Total	1,939,033	100.0%
One Race		
White	1,795,997	92.6%
Black	18,882	1.0%
American Indian or Alaskan Native	33,188	1.7%
Asian, Hawaiian or Pacific Islander	36,743	1.9%
Two or More Races	54,223	2.8%
Ethnicity		
Not Hispanic or Latino	1,677,113	86.5%
Hispanic or Latino	261,920	13.5%

Costs associated with this publication are available from Idaho Department of Health and Welfare
HW-1206 January 2024