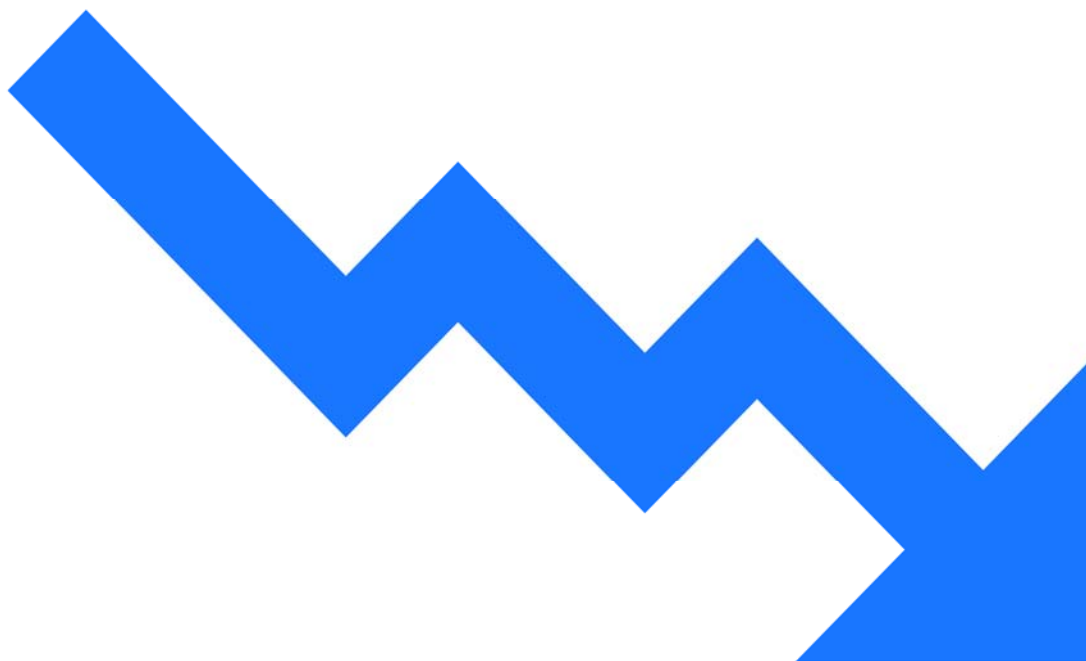


# Mortality 2016



IDAHO VITAL STATISTICS

Division of Public Health

November 2017



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

## 2016 IDAHO VITAL STATISTICS - MORTALITY

|                           |  |
|---------------------------|--|
| <b>Contact</b>            | For more information on this report or other vital statistics, please contact the Bureau of Vital Records and Health Statistics at (208) 334-6658. This report and other reports from the Bureau of Vital Records and Health Statistics are available on the web at <a href="http://www.healthstatistics.dhw.idaho.gov">www.healthstatistics.dhw.idaho.gov</a> . |
| <b>Prepared by</b>        | This report was prepared by Briana Coles, MPH, Senior Research Analyst, of the Idaho Department of Health and Welfare.   |
| <b>Suggested citation</b> | <i>Idaho Vital Statistics-Mortality 2016</i> , Idaho Department of Health and Welfare, Division of Public Health, Bureau of Vital Records and Health Statistics, November 2017.  |

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## DEFINITIONS AND FORMULAS

### Mortality

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

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

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

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

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

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

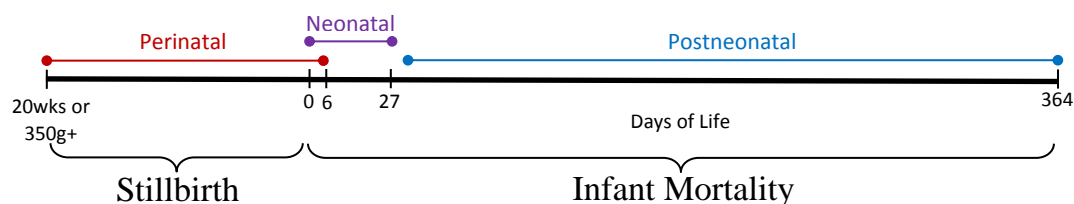
### Maternal Mortality

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

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

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

### Stillbirth and Infant Mortality Classifications



### Infant Mortality

**Definition:** death at less than one year of age

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

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

**Neonatal Mortality**

**Definition:** death at less than 28 days of age

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

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

**Postneonatal Mortality**

**Definition:** death from 28 days to 364 days of age

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

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

**Stillbirth**

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

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

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

**Perinatal Mortality**

**Definition:** stillbirth or death under seven days of age

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

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

**U.S. Data**

U.S. vital statistics are based on events in the 50 states and the District of Columbia. Per the National Center for Health Statistics, more than 99% of the births and deaths occurring in this country are registered through the state vital registration system. At the time of publication, the latest U.S. final data available are for 2015.<sup>1</sup>

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

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

# VITAL REGISTRATION AND DATA COLLECTION

## Registration of Records

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

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

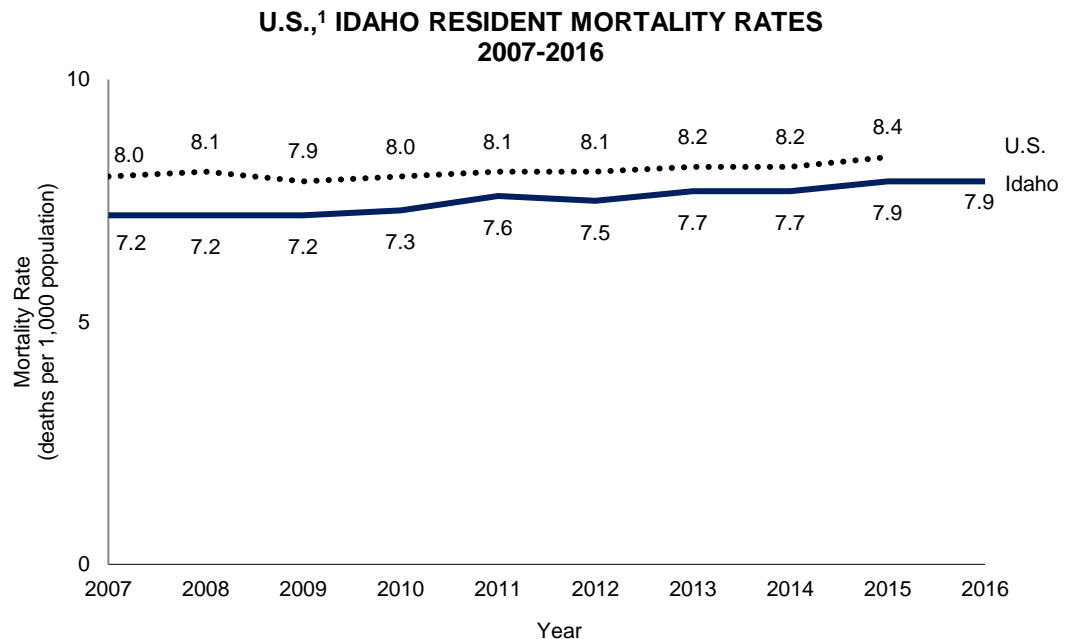
Miscarriages (a spontaneous or accidental death of an unborn infant in utero other than by induced abortion or stillbirth) are also registered at the request of the family when verified by a physician. Statistics are not reported because the registry is voluntary, and not all events are registered with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

Unless otherwise stated, death, birth, and stillbirth data contained in this report are provided for Idaho residents, regardless of where the event occurred. There is an agreement among all registration areas in the U.S. for resident exchange of copies of death, birth, and stillbirth certificates. The cut-off dates for analysis of 2016 data were the following: birth records- August 8, 2017; stillbirth records- August 9, 2017; death records- June 30, 2017. Records may be sent to Idaho or amended after this date; they are included or amended in the vital records mainframe database, but are not included or amended in the database for statistical analysis.

## MORTALITY

### U.S. and Idaho Mortality

The crude mortality rate in the U.S. increased 2.4%, from 8.2 deaths per 1,000 population to 8.4 in 2015 (the last year of available data).<sup>1</sup> In 2015, there were 2,712,630 deaths in the U.S., compared with 2,626,418 in 2014.<sup>1</sup> The crude mortality rate for Idaho residents remained the same from 2015 to 2016, 7.9 deaths per 1,000 population. In 2016, there were 13,370 deaths for Idaho residents, compared with 13,031 in 2015.



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

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

U.S. mortality rates are consistently higher than those in Idaho for Diseases of heart, Malignant neoplasms (cancer), Nephritis, nephrotic syndrome and nephrosis (not shown), and Influenza and pneumonia.<sup>1</sup> The U.S. also had a higher AAR for Chronic liver disease and cirrhosis and Diabetes mellitus in 2015 compared with Idaho in 2016.<sup>1</sup> Idaho rates were higher for Chronic lower respiratory disease, Accidents (unintentional injury), Alzheimer's disease, and Intentional self-harm (suicide) in 2016 compared with the U.S. in 2015. The rates for Cerebrovascular diseases were similar for Idaho in 2016 and the U.S. in 2015.<sup>1</sup>

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

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

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

## Idaho Leading Causes of Mortality 2015- 2016

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

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

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

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

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



## Idaho Leading Causes of Mortality by Sex

In 2016, the leading cause of death for males was Diseases of heart, while Malignant neoplasms (cancer) was the leading cause of mortality for females. Males had a higher mortality rate than females for eight of the ten leading causes of mortality. Females had a higher mortality rate than males for Influenza and pneumonia and for Alzheimer's disease.

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

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

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

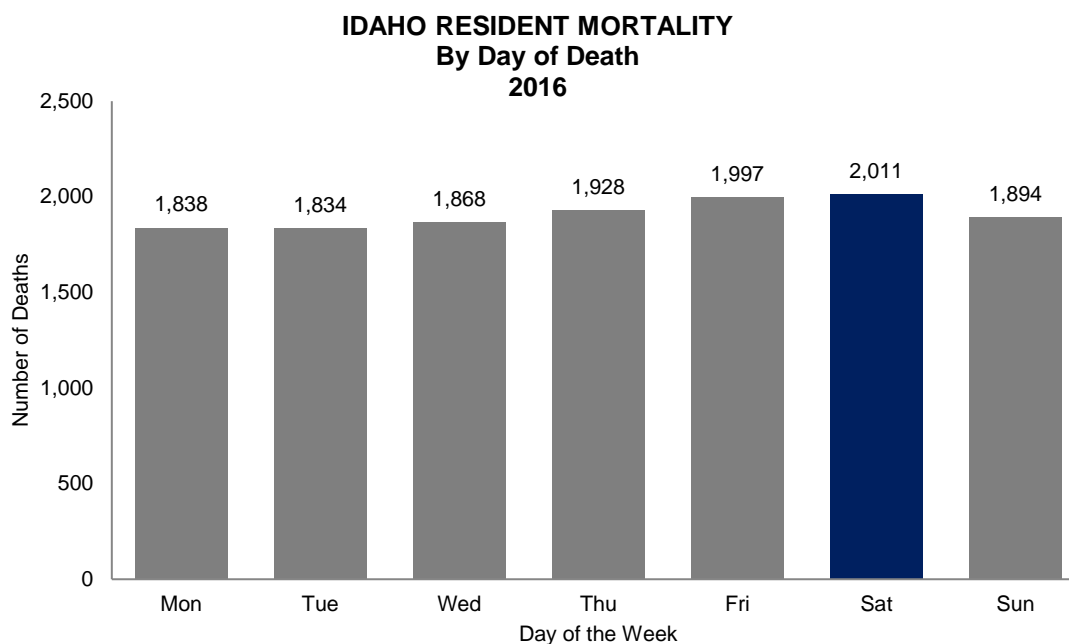
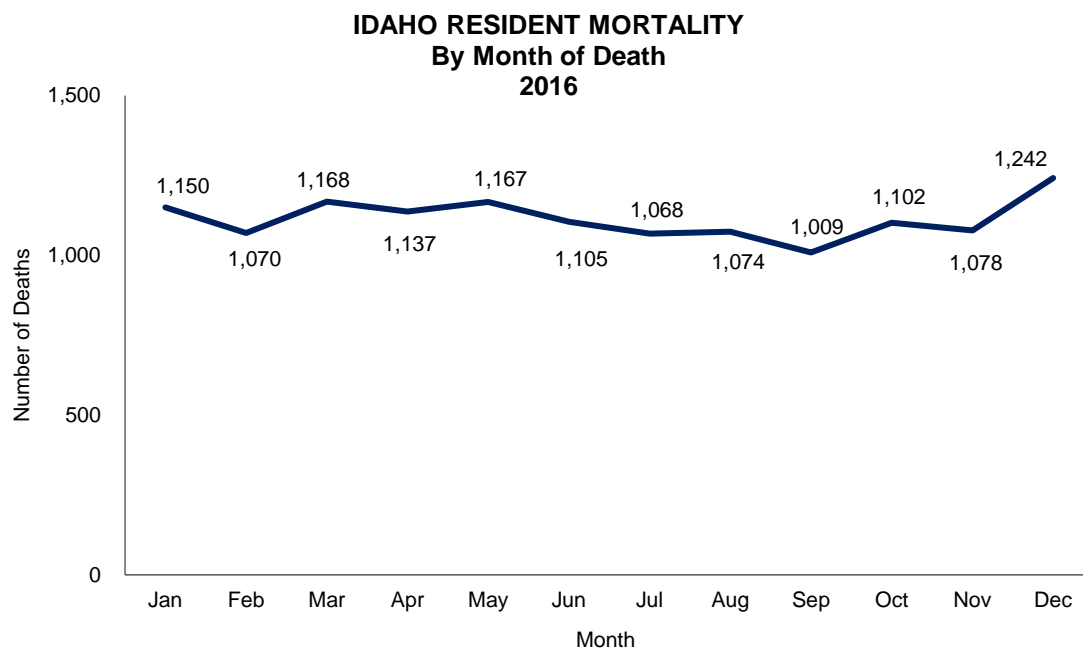
## Idaho Age at Death

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

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

## Idaho Month and Day of Death

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



## Out-of-State Resident Deaths

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

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

# IDAHO RESIDENT MORTALITY

## Number of Deaths and Rates

### 2012-2016

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

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

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

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

| RESIDENCE  | TOTAL DEATHS | AGE AT DEATH |     |      |       |       |       |       |       |       |       |       |
|------------|--------------|--------------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|
|            |              | <1           | 1-4 | 5-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85+   |
| IDAHO      | 13,370       | 137          | 25  | 49   | 155   | 233   | 356   | 692   | 1,686 | 2,445 | 3,433 | 4,159 |
| District 1 | 2,268        | 14           | 6   | 4    | 19    | 24    | 45    | 93    | 281   | 451   | 629   | 702   |
| District 2 | 1,111        | 7            | 3   | 2    | 7     | 15    | 18    | 43    | 152   | 195   | 300   | 369   |
| District 3 | 2,153        | 24           | 4   | 7    | 25    | 36    | 59    | 127   | 270   | 405   | 578   | 618   |
| District 4 | 3,338        | 25           | 3   | 11   | 47    | 73    | 80    | 195   | 423   | 596   | 740   | 1,145 |
| District 5 | 1,595        | 24           | 3   | 9    | 23    | 30    | 52    | 86    | 195   | 264   | 432   | 477   |
| District 6 | 1,456        | 20           | 3   | 8    | 17    | 32    | 55    | 82    | 177   | 273   | 368   | 421   |
| District 7 | 1,449        | 23           | 3   | 8    | 17    | 23    | 47    | 66    | 188   | 261   | 386   | 427   |
| Ada        | 2,987        | 24           | 3   | 11   | 41    | 61    | 74    | 173   | 372   | 515   | 656   | 1,057 |
| Adams      | 40           | -            | -   | -    | -     | -     | 1     | 1     | 7     | 8     | 15    | 8     |
| Bannock    | 716          | 8            | -   | 2    | 8     | 16    | 24    | 45    | 97    | 133   | 181   | 202   |
| Bear Lake  | 58           | -            | -   | -    | -     | 2     | 2     | 1     | 5     | 10    | 19    | 19    |
| Benewah    | 132          | -            | -   | -    | -     | 5     | 1     | 7     | 15    | 32    | 36    | 36    |
| Bingham    | 396          | 7            | 1   | 4    | 5     | 7     | 19    | 21    | 41    | 82    | 102   | 107   |
| Blaine     | 109          | 1            | -   | -    | 2     | -     | 3     | 7     | 15    | 22    | 23    | 36    |
| Boise      | 54           | -            | -   | -    | -     | -     | 1     | 5     | 10    | 11    | 11    | 16    |
| Bonner     | 445          | 2            | 1   | -    | 6     | 3     | 7     | 14    | 61    | 93    | 119   | 139   |
| Bonneville | 875          | 16           | 2   | 4    | 10    | 13    | 28    | 41    | 110   | 159   | 229   | 263   |
| Boundary   | 113          | -            | 1   | -    | -     | 3     | 2     | 3     | 13    | 28    | 28    | 35    |
| Butte      | 25           | 1            | -   | -    | -     | -     | 3     | -     | 2     | 5     | 7     | 7     |
| Camas      | 7            | -            | -   | -    | -     | 1     | -     | -     | 1     | -     | 5     | -     |
| Canyon     | 1,498        | 20           | 2   | 3    | 14    | 23    | 42    | 97    | 200   | 288   | 380   | 429   |
| Caribou    | 62           | 1            | -   | -    | 1     | 1     | 2     | 3     | 7     | 14    | 15    | 18    |
| Cassia     | 185          | 6            | 1   | 2    | 2     | 6     | 8     | 7     | 27    | 33    | 44    | 49    |
| Clark      | 6            | -            | -   | -    | -     | 1     | 1     | -     | -     | 1     | 2     | 1     |
| Clearwater | 116          | 3            | -   | -    | 2     | 2     | 2     | 5     | 13    | 23    | 35    | 31    |
| Custer     | 41           | -            | -   | -    | -     | -     | -     | 3     | 4     | 11    | 15    | 8     |
| Elmore     | 211          | 1            | -   | -    | 4     | 10    | 3     | 13    | 30    | 50    | 50    | 50    |
| Franklin   | 96           | 1            | 2   | 1    | 3     | 2     | 4     | 2     | 11    | 12    | 20    | 38    |
| Fremont    | 104          | -            | -   | 1    | 1     | -     | 5     | 4     | 10    | 13    | 36    | 34    |
| Gem        | 213          | 2            | 1   | 1    | 2     | 4     | 3     | 6     | 19    | 40    | 71    | 64    |
| Gooding    | 154          | 6            | -   | 1    | 1     | 8     | 4     | 9     | 16    | 25    | 44    | 40    |
| Idaho      | 194          | -            | -   | 2    | 1     | 3     | 4     | 7     | 28    | 40    | 60    | 49    |
| Jefferson  | 174          | 2            | 1   | 2    | 4     | 2     | 5     | 7     | 29    | 30    | 47    | 45    |
| Jerome     | 190          | 9            | -   | 1    | 4     | 1     | 8     | 9     | 25    | 24    | 62    | 47    |
| Kootenai   | 1,387        | 11           | 4   | 4    | 13    | 12    | 29    | 61    | 159   | 261   | 392   | 441   |
| Latah      | 243          | 4            | 1   | -    | 2     | 3     | 5     | 12    | 37    | 39    | 65    | 75    |
| Lemhi      | 90           | -            | -   | -    | -     | 2     | 4     | 5     | 10    | 24    | 24    | 21    |
| Lewis      | 45           | -            | -   | -    | -     | -     | -     | 2     | 12    | 8     | 13    | 10    |
| Lincoln    | 32           | -            | -   | -    | -     | -     | 1     | 3     | 5     | 5     | 8     | 10    |
| Madison    | 113          | 4            | -   | 1    | 2     | 2     | 2     | 3     | 17    | 19    | 23    | 40    |
| Minidoka   | 153          | 1            | -   | 2    | 2     | 2     | 3     | 12    | 14    | 28    | 39    | 50    |
| Nez Perce  | 513          | -            | 2   | -    | 2     | 7     | 7     | 17    | 62    | 85    | 127   | 204   |
| Oneida     | 33           | -            | -   | 1    | -     | -     | -     | 3     | 3     | 6     | 11    | 9     |
| Owyhee     | 97           | 1            | 1   | 1    | 4     | 3     | 5     | 11    | 12    | 14    | 25    | 20    |
| Payette    | 200          | 1            | -   | 1    | 5     | 5     | 8     | 8     | 21    | 38    | 58    | 55    |
| Power      | 70           | 2            | -   | -    | -     | 4     | 1     | 7     | 11    | 11    | 13    | 21    |
| Shoshone   | 191          | 1            | -   | -    | -     | 1     | 6     | 8     | 33    | 37    | 54    | 51    |
| Teton      | 46           | 1            | -   | -    | -     | 3     | 2     | 3     | 8     | 4     | 10    | 15    |
| Twin Falls | 765          | 1            | 2   | 3    | 12    | 12    | 25    | 39    | 92    | 127   | 207   | 245   |
| Valley     | 86           | -            | -   | -    | 2     | 2     | 2     | 4     | 11    | 20    | 23    | 22    |
| Washington | 105          | -            | -   | 1    | -     | 1     | -     | 4     | 11    | 17    | 29    | 42    |

# IDAHO RESIDENT MORTALITY

## Sex, Race and Ethnicity<sup>1</sup>

### 2016

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

# IDAHO RESIDENT MORTALITY

## Ten Leading Causes of Mortality<sup>1</sup> by Age Group and Number of Deaths 2016

| RANK                  | AGE GROUP   |  |  |   |   |   |   |   |   |   |   | ALL AGES                                   |
|-----------------------|---|--|--|---|---|---|---|---|---|---|---|--|
|                       | <1  | 1-4                                    | 5-14                                   | 15-24   | 25-34   | 35-44   | 45-54                                     | 55-64                                     | 65-74                                     | 75-84                                     | 85+                                       |  |
| 1                     | Congenital malformations<br>34  | Accidents (unintentional injury)<br>10 | Accidents (unintentional injury)<br>20 | Accidents (unintentional injury)<br>73                      | Accidents (unintentional injury)<br>100                           | Accidents (unintentional injury)<br>99                  | Malignant neoplasms (cancer)<br>159       | Malignant neoplasms (cancer)<br>523       | Malignant neoplasms (cancer)<br>786       | Malignant neoplasms (cancer)<br>851       | Diseases of heart<br>1,223                | Diseases of heart<br>2,974                 |
| 2                     | Short gestation/ low birth weight<br>16   | Congenital malformations<br>5          | Malignant neoplasms (cancer)<br>9      | Intentional self-harm (suicide)<br>53                       | Intentional self-harm (suicide)<br>33                             | Intentional self-harm (suicide)<br>68                   | Diseases of heart<br>112                  | Diseases of heart<br>315                  | Diseases of heart<br>515                  | Diseases of heart<br>741                  | Malignant neoplasms (cancer)<br>495       | Malignant neoplasms (cancer)<br>2,890      |
| 3                     | (Tie) Maternal complications of pregnancy; Sudden infant death syndrome<br>13           |  | Diseases of heart<br>4                 | (Tie) Assault (homicide); Malignant neoplasms (cancer)<br>4 | Malignant neoplasms (cancer)<br>19                                | Diseases of heart<br>44                                 | Accidents (unintentional injury)<br>98    | Accidents (unintentional injury)<br>118   | Chronic lower respiratory diseases<br>219 | Chronic lower respiratory diseases<br>307 | Alzheimer's disease<br>382                | Chronic lower respiratory diseases<br>864  |
| 4                     |   |  |  |   | Diseases of heart<br>12   | Malignant neoplasms (cancer)<br>42                      | Intentional self-harm (suicide)<br>79     | Chronic lower respiratory diseases<br>111 | Cerebrovascular diseases<br>97            | Cerebrovascular diseases<br>204           | Cerebrovascular diseases<br>298           | Accidents (unintentional injury)<br>847    |
| 5                     | Hydrops fetalis<br>6  |  |  |   | Assault (homicide)<br>8   | Chronic liver disease and cirrhosis<br>12               | Chronic liver disease and cirrhosis<br>36 | Diabetes mellitus<br>66                   | Diabetes mellitus<br>90                   | Alzheimer's disease<br>180                | Chronic lower respiratory diseases<br>207 | Cerebrovascular diseases<br>679            |
| 6                     | (Tie) Accidents (unintentional injury); Complications of placenta, cord, membranes<br>5 |  |  |   | (Tie) Chronic liver disease and cirrhosis; Diabetes mellitus<br>6 | (Tie) Assault (homicide); Cerebrovascular diseases<br>8 | Diabetes mellitus<br>27                   | Chronic liver disease and cirrhosis<br>63 | Accidents (unintentional injury)<br>72    | Diabetes mellitus<br>101                  | Accidents (unintentional injury)<br>153   | Alzheimer's disease<br>606                 |
| 7                     |   |  |  |   |   |   | Chronic lower respiratory diseases<br>16  | Cerebrovascular diseases<br>57            | Chronic liver disease and cirrhosis<br>51 | Accidents (unintentional injury)<br>99    | Influenza and pneumonia<br>88             | Diabetes mellitus<br>379                   |
| 8                     |   |  |  |   | Pregnancy, childbirth, and the puerperium<br>4                    | Diabetes mellitus<br>4                                  | Cerebrovascular diseases<br>13            | Intentional self-harm (suicide)<br>45     | Intentional self-harm (suicide)<br>47     | Parkinson's disease<br>75                 | Diabetes mellitus<br>82                   | Intentional self-harm (suicide)<br>351     |
| 9                     |   |  |  |   |   |   | Influenza and pneumonia<br>10             | Influenza and pneumonia<br>20             | Nephritis<br>36                           | Nephritis<br>59                           | Parkinson's disease<br>67                 | Influenza and pneumonia<br>204             |
| 10                    |   |  |  |   |   |   | Nephritis<br>9                            | Nephritis<br>19                           | Alzheimer's disease<br>34                 | Influenza and pneumonia<br>53             | Nephritis<br>64                           | Chronic liver disease and cirrhosis<br>190 |
| Residual <sup>2</sup> | 45  | 10                                     | 16                                     | 21  | 45  | 71  | 133                                       | 349                                       | 498                                       | 763                                       | 1,100                                     | 3,386                                      |
| Total                 | 137   | 25                                     | 49                                     | 155   | 233   | 356   | 692                                       | 1,686                                     | 2,445                                     | 3,433                                     | 4,159                                     | 13,370                                     |

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

<sup>1</sup>Data are shown for causes with 4 or more deaths for given age group. <sup>2</sup>Total number of deaths for all other leading causes not listed and all other causes not ranked for leading cause of death.



# IDAHO MALE RESIDENT MORTALITY

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

### 2016

| RANK                  | AGE GROUP  |                                       |                                       |  |  |  |  |   |   |   |  | ALL AGES                                   |
|-----------------------|--|---------------------------------------|---------------------------------------|--|--|--|--|---|---|---|--|--|
|                       | <1   | 1-4                                   | 5-14                                  | 15-24                                  | 25-34  | 35-44  | 45-54  | 55-64                                     | 65-74                                     | 75-84                                     | 85+  |  |
| 1                     | Congenital malformations<br>15   | Accidents (unintentional injury)<br>8 | Accidents (unintentional injury)<br>8 | Accidents (unintentional injury)<br>54 | Accidents (unintentional injury)<br>73           | Accidents (unintentional injury)<br>68                             | Diseases of heart<br>82  | Malignant neoplasms (cancer)<br>265       | Malignant neoplasms (cancer)<br>436       | Malignant neoplasms (cancer)<br>501       | Diseases of heart<br>519                       | Diseases of heart<br>1,652                 |
| 2                     | (Tie) Short gestation/low birth weight; Sudden infant death syndrome<br>10 |                                       | Malignant neoplasms (cancer)<br>5     | Intentional self-harm (suicide)<br>42  | Intentional self-harm (suicide)<br>25            | Intentional self-harm (suicide)<br>45                              | Malignant neoplasms (cancer)<br>72   | Diseases of heart<br>219                  | Diseases of heart<br>343                  | Diseases of heart<br>444                  | Malignant neoplasms (cancer)<br>230            | Malignant neoplasms (cancer)<br>1,533      |
| 3                     |  |                                       |                                       |  | Malignant neoplasms (cancer)<br>9                | Diseases of heart<br>33  | (Tie) Accidents (unintentional injury);<br>Intentional self-harm (suicide)<br>61 | Accidents (unintentional injury)<br>75    | Chronic lower respiratory diseases<br>102 | Chronic lower respiratory diseases<br>156 | Chronic lower respiratory diseases<br>101      | Accidents (unintentional injury)<br>519    |
| 4                     | Maternal complications of pregnancy<br>7                                   |                                       |                                       |  | (Tie) Assault (homicide); Diseases of heart<br>8 | Malignant neoplasms (cancer)<br>13                                 | Chronic liver disease and cirrhosis<br>21  | Chronic liver disease and cirrhosis<br>43 | Cerebrovascular diseases<br>56            | Cerebrovascular diseases<br>105           | Alzheimer's disease<br>100                     | Chronic lower respiratory diseases<br>418  |
| 5                     | Hydrops fetalis<br>4   |                                       |                                       |  |  | (Tie) Assault (homicide); Chronic liver disease and cirrhosis<br>7 | Diabetes mellitus<br>17  | Cerebrovascular diseases<br>39            | Accidents (unintentional injury)<br>46    | Alzheimer's disease<br>56                 | Accidents (unintentional injury)<br>70         | Intentional self-harm (suicide)<br>268     |
| 6                     |  |                                       |                                       |  | Chronic liver disease and cirrhosis<br>4         | Cerebrovascular diseases<br>5                                      | Cerebrovascular diseases<br>8  | Diabetes mellitus<br>38                   | Intentional self-harm (suicide)<br>40     | Accidents (unintentional injury)<br>54    | Parkinson's disease<br>40                      | Diabetes mellitus<br>210                   |
| 7                     |  |                                       |                                       |  |  |  | Chronic lower respiratory diseases<br>7  | Intentional self-harm (suicide)<br>32     | Chronic liver disease and cirrhosis<br>38 | Parkinson's disease<br>44                 | Diabetes mellitus<br>36                        | Alzheimer's disease<br>174                 |
| 8                     |  |                                       |                                       |  |  |  | (Tie) Nephritis; Septicemia<br>5   | Nephritis<br>13                           | Nephritis<br>21                           | Nephritis<br>33                           | (Tie) Influenza and pneumonia; Nephritis<br>26 | Chronic liver disease and cirrhosis<br>122 |
| 9                     |  |                                       |                                       |  |  |  |  | Influenza and pneumonia<br>11             | Parkinson's disease<br>18                 | Influenza and pneumonia<br>25             |  | Parkinson's disease<br>103                 |
| 10                    |  |                                       |                                       |  |  |  |  |   |   |   |  |  |
| Residual <sup>2</sup> | 29   | 8                                     | 11                                    | 17                                     | 28   | 39   | 75   | 191                                       | 281                                       | 373                                       | 417  | 1,625                                      |
| Total                 | 75   | 16                                    | 24                                    | 113                                    | 155  | 217  | 414  | 976                                       | 1,433                                     | 1,851                                     | 1,664  | 6,938                                      |

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

<sup>1</sup>Data are shown for causes with 4 or more deaths for given age group. <sup>2</sup>Total number of deaths for all other leading causes not listed and all other causes not ranked for leading cause of death.

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

| RANK                  | AGE GROUP   |     |   |  |   |  |   |   |   |   |   | ALL AGES                                  |
|-----------------------|---|-----|---|--|---|--|---|---|---|---|---|---|
|                       | <1  | 1-4 | 5-14  | 15-24                                  | 25-34   | 35-44                                    | 45-54                                     | 55-64                                     | 65-74                                     | 75-84                                     | 85+                                       |   |
| 1                     | Congenital malformations<br>19  |     | Accidents (unintentional injury)<br>12                | Accidents (unintentional injury)<br>19 | Accidents (unintentional injury)<br>27  | Accidents (unintentional injury)<br>31   | Malignant neoplasms (cancer)<br>87        | Malignant neoplasms (cancer)<br>258       | Malignant neoplasms (cancer)<br>350       | Malignant neoplasms (cancer)<br>350       | Diseases of heart<br>704                  | Malignant neoplasms (cancer)<br>1,357     |
| 2                     | (Tie) Short gestation/low birth weight; Maternal complications of pregnancy |     | (Tie) Diseases of heart; Malignant neoplasms (cancer) | Intentional self-harm (suicide)<br>11  | Malignant neoplasms (cancer)<br>10  | Malignant neoplasms (cancer)<br>29       | Accidents (unintentional injury)<br>37    | Diseases of heart<br>96                   | Diseases of heart<br>172                  | Diseases of heart<br>297                  | Alzheimer's disease<br>282                | Diseases of heart<br>1,322                |
| 3                     | 6   |     |   |  | Intentional self-harm (suicide)<br>8  | Intentional self-harm (suicide)<br>23    | Diseases of heart<br>30                   | Chronic lower respiratory diseases<br>61  | Chronic lower respiratory diseases<br>117 | Chronic lower respiratory diseases<br>151 | Malignant neoplasms (cancer)<br>265       | Chronic lower respiratory diseases<br>446 |
| 4                     |   |     |   |  | (Tie) Diabetes mellitus; Diseases of heart; Pregnancy, childbirth, and the puerperium | Diseases of heart<br>11                  | Intentional self-harm (suicide)<br>18     | Accidents (unintentional injury)<br>43    | Cerebrovascular diseases<br>41            | Alzheimer's disease<br>124                | Cerebrovascular diseases<br>199           | Alzheimer's disease<br>432                |
| 5                     |   |     |   |  |   | Chronic liver disease and cirrhosis<br>5 | Chronic liver disease and cirrhosis<br>15 | Diabetes mellitus<br>28                   | Diabetes mellitus<br>38                   | Cerebrovascular diseases<br>99            | Chronic lower respiratory diseases<br>106 | Cerebrovascular diseases<br>365           |
| 6                     |   |     |   |  |   | 4  | Diabetes mellitus<br>10                   | Chronic liver disease and cirrhosis<br>20 | Accidents (unintentional injury)<br>26    | Accidents (unintentional injury)<br>45    | Accidents (unintentional injury)<br>83    | Accidents (unintentional injury)<br>328   |
| 7                     |   |     |   |  |   |  | Chronic lower respiratory diseases<br>9   | Cerebrovascular diseases<br>18            | Alzheimer's disease<br>19                 | Diabetes mellitus<br>41                   | Influenza and pneumonia<br>62             | Diabetes mellitus<br>169                  |
| 8                     |   |     |   |  |   |  | Influenza and pneumonia<br>7              | Intentional self-harm (suicide)<br>13     | Influenza and pneumonia<br>16             | Parkinson's disease<br>31                 | Diabetes mellitus<br>46                   | Influenza and pneumonia<br>124            |
| 9                     |   |     |   |  |   |  | Cerebrovascular diseases<br>5             | Septicemia<br>10                          | Nephritis<br>15                           | Influenza and pneumonia<br>28             | Nephritis<br>38                           | Nephritis<br>89                           |
| 10                    |   |     |   |  |   |  | Nephritis<br>4                            | Influenza and pneumonia<br>9              | Chronic liver disease and cirrhosis<br>13 | Nephritis<br>26                           | Essential hypertension<br>35              | Intentional self-harm (suicide)<br>83     |
| Residual <sup>2</sup> | 31  | 9   | 5   | 12                                     | 21  | 40                                       | 56  | 154                                       | 205                                       | 390                                       | 675                                       | 1,717                                     |
| Total                 | 62  | 9   | 25  | 42                                     | 78  | 139                                      | 278                                       | 710                                       | 1,012                                     | 1,582                                     | 2,495                                     | 6,432                                     |

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

<sup>1</sup>Data are shown for causes with 4 or more deaths for given age group. <sup>2</sup>Total number of deaths for all other leading causes not listed and all other causes not ranked for leading cause of death.

**YEARS OF POTENTIAL LIFE LOST BEFORE AGE 75**  
**Ten Leading Causes of Mortality Based on Premature Death<sup>1</sup>**  
**Total and by Sex**  
**2016**

| RANK AND CAUSE OF DEATH   | Persons Aged Less than 75 Years |                   | Years of Potential Life Lost (YPLL) Before Age 75 |                        |                                  |
|---|---------------------------------|-------------------|---|------------------------|----------------------------------|
|   | Number of Deaths                | Percent of Deaths | Total Number of YPLL                              | YPLL Rate <sup>2</sup> | Average Number of YPLL per Death |
| <b>TOTAL</b>  | 5,778                           | 100.0%            | 99,343  | 6,280                  | 17.2                             |
| 1. Accidents (unintentional injury)                                     | 595                             | 10.3%             | 18,826  | 1,190                  | 31.6                             |
| 2. Malignant neoplasms (cancer)   | 1,544                           | 26.7%             | 18,430  | 1,165                  | 11.9                             |
| 3. Diseases of heart  | 1,010                           | 17.5%             | 12,526  | 792                    | 12.4                             |
| 4. Intentional self-harm (suicide)                                      | 328                             | 5.7%              | 9,886   | 625                    | 30.1                             |
| 5. Certain conditions originating in perinatal period                   | 57                              | 1.0%              | 4,247   | 268                    | 74.5                             |
| 6. Congenital malformations, deformations and chromosomal abnormalities | 61                              | 1.1%              | 3,576   | 226                    | 58.6                             |
| 7. Chronic lower respiratory diseases                                   | 350                             | 6.1%              | 3,070   | 194                    | 8.8                              |
| 8. Chronic liver disease and cirrhosis                                  | 169                             | 2.9%              | 2,812   | 178                    | 16.6                             |
| 9. Diabetes mellitus  | 196                             | 3.4%              | 2,656   | 168                    | 13.6                             |
| 10. Cerebrovascular diseases  | 177                             | 3.1%              | 1,950   | 123                    | 11.0                             |
| All other causes  | 1,291                           | 22.3%             | NA  | NA                     | NA                               |
| <b>MALES</b>  | 3,423                           | 100.0%            | 60,161  | 7,534                  | 17.6                             |
| 1. Accidents (unintentional injury)                                     | 395                             | 11.5%             | 12,762  | 1,598                  | 32.3                             |
| 2. Malignant neoplasms (cancer)   | 802                             | 23.4%             | 8,932   | 1,119                  | 11.1                             |
| 3. Diseases of heart  | 689                             | 20.1%             | 8,522   | 1,067                  | 12.4                             |
| 4. Intentional self-harm (suicide)                                      | 247                             | 7.2%              | 7,404   | 927                    | 30.0                             |
| 5. Certain conditions originating in perinatal period                   | 32                              | 0.9%              | 2,384   | 299                    | 74.5                             |
| 6. Chronic liver disease and cirrhosis                                  | 113                             | 3.3%              | 1,760   | 220                    | 15.6                             |
| 7. Congenital malformations, deformations and chromosomal abnormalities | 30                              | 0.9%              | 1,617   | 203                    | 53.9                             |
| 8. Diabetes mellitus  | 114                             | 3.3%              | 1,549   | 194                    | 13.6                             |
| 9. Chronic lower respiratory diseases                                   | 161                             | 4.7%              | 1,414   | 177                    | 8.8                              |
| 10. Cerebrovascular diseases  | 110                             | 3.2%              | 1,261   | 158                    | 11.5                             |
| All other causes  | 730                             | 21.3%             | NA  | NA                     | NA                               |
| <b>FEMALES</b>  | 2,355                           | 100.0%            | 39,183  | 5,002                  | 16.6                             |
| 1. Malignant neoplasms (cancer)   | 742                             | 31.5%             | 9,498   | 1,212                  | 12.8                             |
| 2. Accidents (unintentional injury)                                     | 200                             | 8.5%              | 6,064   | 774                    | 30.3                             |
| 3. Diseases of heart  | 321                             | 13.6%             | 4,005   | 511                    | 12.5                             |
| 4. Intentional self-harm (suicide)                                      | 81                              | 3.4%              | 2,483   | 317                    | 30.6                             |
| 5. Congenital malformations, deformations and chromosomal abnormalities | 31                              | 1.3%              | 1,959   | 250                    | 63.2                             |
| 6. Certain conditions originating in perinatal period                   | 25                              | 1.1%              | 1,863   | 238                    | 74.5                             |
| 7. Chronic lower respiratory diseases                                   | 189                             | 8.0%              | 1,657   | 211                    | 8.8                              |
| 8. Diabetes mellitus  | 82                              | 3.5%              | 1,107   | 141                    | 13.5                             |
| 9. Chronic liver disease and cirrhosis                                  | 56                              | 2.4%              | 1,052   | 134                    | 18.8                             |
| 10. Cerebrovascular diseases  | 67                              | 2.8%              | 689   | 88                     | 10.3                             |
| All other causes  | 561                             | 23.8%             | NA  | NA                     | NA                               |

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

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

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

**IDAHO RESIDENT LIFE EXPECTANCY**  
**Age in Years by Sex**  
**2016**

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

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

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

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

See Technical Notes for methodology.

# IDAHO RESIDENT MORTALITY

## Malignant Neoplasm (Cancer) Mortality by Leading Site of Cancer

### 2016

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

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

(1) Includes males and females. For breast cancer mortality for females, see the table for Malignant neoplasm mortality by sex.

(2) Prostate cancer rates are deaths per 100,000 male population.

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

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

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

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

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

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

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



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

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

Rates are deaths per 100,000 population.

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

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

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

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

| CAUSE OF DEATH                                      | ICD-10 CODE  | SEX | TOTAL  | <1  | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 +  |
|---|--------------|-----|--------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| TOTAL   | A01-Y99      | T   | 13,370 | 137 | 25  | 19  | 30    | 63    | 92    | 233   | 356   | 692   | 1,686 | 2,445 | 3,433 | 4,159 |
|   |              | F   | 6,432  | 62  | 9   | 6   | 19    | 18    | 24    | 78    | 139   | 278   | 710   | 1,012 | 1,582 | 2,495 |
|   |              | M   | 6,938  | 75  | 16  | 13  | 11    | 45    | 68    | 155   | 217   | 414   | 976   | 1,433 | 1,851 | 1,664 |
| # Salmonella infections                             | A01-A02      | T   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
|   |              | F   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
|   |              | M   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| # Shigellosis and amebiasis                         | A03, A06     | T   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
|   |              | F   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
|   |              | M   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| Certain other intestinal infections                 | A04, A07-A09 | T   | 39     | 2   | -   | -   | -     | -     | -     | -     | -     | -     | 3     | 6     | 12    | 16    |
|   |              | F   | 21     | -   | -   | -   | -     | -     | -     | -     | -     | -     | 1     | 2     | 7     | 11    |
|   |              | M   | 18     | 2   | -   | -   | -     | -     | -     | -     | -     | -     | 2     | 4     | 5     | 5     |
| # Enterocolitis due to <i>Clostridium difficile</i> | A04.7        | T   | 26     | -   | -   | -   | -     | -     | -     | -     | -     | -     | 2     | 5     | 8     | 11    |
|   |              | F   | 14     | -   | -   | -   | -     | -     | -     | -     | -     | -     | 1     | 2     | 3     | 8     |
|   |              | M   | 12     | -   | -   | -   | -     | -     | -     | -     | -     | -     | 1     | 3     | 5     | 3     |
| # Tuberculosis                                      | A16-A19      | T   | 2      | -   | -   | -   | -     | -     | -     | -     | 1     | -     | -     | -     | -     | 1     |
|   |              | F   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
|   |              | M   | 2      | -   | -   | -   | -     | -     | -     | -     | 1     | -     | -     | -     | -     | 1     |
| Respiratory tuberculosis                            | A16          | T   | 1      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | 1     |
|   |              | F   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
|   |              | M   | 1      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | 1     |
| Other tuberculosis                                  | A17-A19      | T   | 1      | -   | -   | -   | -     | -     | -     | -     | 1     | -     | -     | -     | -     | -     |
|   |              | F   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
|   |              | M   | 1      | -   | -   | -   | -     | -     | -     | -     | 1     | -     | -     | -     | -     | -     |
| # Whooping cough                                    | A37          | T   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
|   |              | F   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
|   |              | M   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| # Scarlet fever and erysipelas                      | A38, A46     | T   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
|   |              | F   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
|   |              | M   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| # Meningococcal infection                           | A39          | T   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
|   |              | F   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
|   |              | M   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| # Septicemia  | A40-A41      | T   | 100    | 1   | -   | -   | -     | -     | -     | 2     | 1     | 8     | 17    | 19    | 26    | 26    |
|   |              | F   | 52     | -   | -   | -   | -     | -     | -     | -     | 1     | 3     | 10    | 9     | 14    | 15    |
|   |              | M   | 48     | 1   | -   | -   | -     | -     | -     | 2     | -     | 5     | 7     | 10    | 12    | 11    |
| # Syphilis  | A50-A53      | T   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
|   |              | F   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
|   |              | M   | -      | -   | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |

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

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

| CAUSE OF DEATH   | ICD-10 CODE       | SEX | TOTAL | <1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 + |
|--|-------------------|-----|-------|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| # Acute poliomyelitis  | A80               | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                   | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                   | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| # Arthropod-borne viral encephalitis                                       | A83-A84,<br>A85.2 | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                   | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                   | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| # Measles  | B05               | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                   | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                   | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| # Viral hepatitis  | B15-B19           | T   | 27    | -  | -   | -   | -     | -     | -     | -     | 1     | 5     | 13    | 4     | 4     | -    |
|  |                   | F   | 12    | -  | -   | -   | -     | -     | -     | -     | -     | 2     | 6     | 2     | 2     | -    |
|  |                   | M   | 15    | -  | -   | -   | -     | -     | -     | -     | 1     | 3     | 7     | 2     | 2     | -    |
| # Human immunodeficiency virus (HIV) disease                               | B20-B24           | T   | 6     | -  | -   | -   | -     | -     | -     | -     | 1     | 1     | 4     | -     | -     | -    |
|  |                   | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                   | M   | 6     | -  | -   | -   | -     | -     | -     | -     | 1     | 1     | 4     | -     | -     | -    |
| # Malaria  | B50-B54           | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                   | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                   | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Other and unspecified infectious and parasitic diseases and their sequelae | See footnote 1    | T   | 29    | 2  | -   | -   | -     | -     | -     | -     | 1     | 1     | 5     | 7     | 6     | 7    |
|  |                   | F   | 12    | -  | -   | -   | -     | -     | -     | -     | -     | 1     | 3     | 5     | 1     | 2    |
|  |                   | M   | 17    | 2  | -   | -   | -     | -     | -     | -     | 1     | -     | 2     | 2     | 5     | 5    |
| West Nile Fever  | A92.3             | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                   | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                   | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| # Malignant neoplasms (cancer)   | C00-C97           | T   | 2,890 | -  | 2   | 4   | 5     | 1     | 3     | 19    | 42    | 159   | 523   | 786   | 851   | 495  |
|  |                   | F   | 1,357 | -  | 1   | 1   | 3     | 1     | 2     | 10    | 29    | 87    | 258   | 350   | 350   | 265  |
|  |                   | M   | 1,533 | -  | 1   | 3   | 2     | -     | 1     | 9     | 13    | 72    | 265   | 436   | 501   | 230  |
| Lip, oral cavity and pharynx   | C00-C14           | T   | 37    | -  | -   | -   | -     | -     | -     | -     | 1     | -     | 10    | 8     | 8     | 10   |
|  |                   | F   | 17    | -  | -   | -   | -     | -     | -     | -     | 1     | -     | 5     | 4     | 3     | 4    |
|  |                   | M   | 20    | -  | -   | -   | -     | -     | -     | -     | -     | -     | 5     | 4     | 5     | 6    |
| Esophagus  | C15               | T   | 87    | -  | -   | -   | -     | -     | -     | -     | -     | 3     | 19    | 37    | 18    | 10   |
|  |                   | F   | 16    | -  | -   | -   | -     | -     | -     | -     | -     | 2     | 4     | 6     | 2     | 2    |
|  |                   | M   | 71    | -  | -   | -   | -     | -     | -     | -     | -     | 1     | 15    | 31    | 16    | 8    |
| Stomach  | C16               | T   | 43    | -  | -   | -   | -     | -     | -     | -     | 3     | 2     | 12    | 7     | 10    | 9    |
|  |                   | F   | 22    | -  | -   | -   | -     | -     | -     | -     | 1     | 1     | 4     | 3     | 7     | 6    |
|  |                   | M   | 21    | -  | -   | -   | -     | -     | -     | -     | 2     | 1     | 8     | 4     | 3     | 3    |
| Colon, rectum and anus   | C18-C21           | T   | 246   | -  | -   | -   | -     | -     | -     | 3     | 5     | 22    | 44    | 52    | 73    | 47   |
|  |                   | F   | 118   | -  | -   | -   | -     | -     | -     | 1     | 4     | 13    | 22    | 18    | 28    | 32   |
|  |                   | M   | 128   | -  | -   | -   | -     | -     | -     | 2     | 1     | 9     | 22    | 34    | 45    | 15   |

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

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

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

| CAUSE OF DEATH  | ICD-10 CODE | SEX | TOTAL | <1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 + |
|---|-------------|-----|-------|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Liver and intrahepatic bile ducts                         | C22         | T   | 135   | -  | -   | -   | -     | -     | -     | 1     | -     | 6     | 46    | 39    | 35    | 8    |
|   |             | F   | 39    | -  | -   | -   | -     | -     | -     | 1     | -     | -     | 11    | 12    | 11    | 4    |
|   |             | M   | 96    | -  | -   | -   | -     | -     | -     | -     | -     | 6     | 35    | 27    | 24    | 4    |
| Pancreas  | C25         | T   | 203   | -  | -   | -   | -     | -     | -     | -     | 1     | 7     | 45    | 62    | 62    | 26   |
|   |             | F   | 91    | -  | -   | -   | -     | -     | -     | -     | 1     | 2     | 15    | 22    | 30    | 21   |
|   |             | M   | 112   | -  | -   | -   | -     | -     | -     | -     | -     | 5     | 30    | 40    | 32    | 5    |
| Larynx  | C32         | T   | 11    | -  | -   | -   | -     | -     | -     | -     | -     | -     | 4     | 2     | 3     | 2    |
|   |             | F   | 3     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | 1     | 1     | -    |
|   |             | M   | 8     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 3     | 1     | 2     | 2    |
| Trachea, bronchus and lung                                | C33-C34     | T   | 582   | -  | -   | -   | -     | -     | -     | -     | -     | 26    | 91    | 167   | 217   | 81   |
|   |             | F   | 268   | -  | -   | -   | -     | -     | -     | -     | -     | 15    | 45    | 78    | 89    | 41   |
|   |             | M   | 314   | -  | -   | -   | -     | -     | -     | -     | -     | 11    | 46    | 89    | 128   | 40   |
| Malignant melanoma of skin                                | C43         | T   | 54    | -  | 1   | -   | -     | -     | -     | -     | 3     | 5     | 14    | 8     | 15    | 8    |
|   |             | F   | 18    | -  | -   | -   | -     | -     | -     | -     | -     | 3     | 5     | 2     | 4     | 4    |
|   |             | M   | 36    | -  | 1   | -   | -     | -     | -     | -     | 3     | 2     | 9     | 6     | 11    | 4    |
| Breast  | C50         | T   | 217   | -  | -   | -   | -     | -     | -     | 1     | 11    | 17    | 52    | 57    | 48    | 31   |
|   |             | F   | 215   | -  | -   | -   | -     | -     | -     | 1     | 11    | 17    | 52    | 56    | 47    | 31   |
|   |             | M   | 2     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | 1     | -    |
| Cervix uteri  | C53         | T   | 18    | -  | -   | -   | -     | -     | -     | 1     | 2     | 4     | 3     | 4     | 3     | 1    |
|   |             | F   | 18    | -  | -   | -   | -     | -     | -     | 1     | 2     | 4     | 3     | 4     | 3     | 1    |
|   |             | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Corpus uteri and uterus, part unspecified                 | C54-C55     | T   | 59    | -  | -   | -   | -     | -     | -     | -     | -     | 3     | 12    | 20    | 13    | 11   |
|   |             | F   | 59    | -  | -   | -   | -     | -     | -     | -     | -     | 3     | 12    | 20    | 13    | 11   |
|   |             | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Ovary   | C56         | T   | 92    | -  | -   | -   | -     | -     | -     | -     | 2     | 9     | 25    | 29    | 14    | 13   |
|   |             | F   | 92    | -  | -   | -   | -     | -     | -     | -     | 2     | 9     | 25    | 29    | 14    | 13   |
|   |             | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Prostate  | C61         | T   | 184   | -  | -   | -   | -     | -     | -     | -     | -     | -     | 12    | 41    | 69    | 62   |
|   |             | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |             | M   | 184   | -  | -   | -   | -     | -     | -     | -     | -     | -     | 12    | 41    | 69    | 62   |
| Kidney and renal pelvis                                   | C64-C65     | T   | 61    | -  | -   | -   | -     | -     | -     | -     | -     | 5     | 12    | 15    | 18    | 11   |
|   |             | F   | 26    | -  | -   | -   | -     | -     | -     | -     | -     | 1     | 4     | 9     | 7     | 5    |
|   |             | M   | 35    | -  | -   | -   | -     | -     | -     | -     | -     | 4     | 8     | 6     | 11    | 6    |
| Bladder   | C67         | T   | 90    | -  | -   | -   | -     | -     | -     | -     | -     | 2     | 10    | 25    | 25    | 28   |
|   |             | F   | 26    | -  | -   | -   | -     | -     | -     | -     | -     | 1     | 2     | 7     | 6     | 10   |
|   |             | M   | 64    | -  | -   | -   | -     | -     | -     | -     | -     | 1     | 8     | 18    | 19    | 18   |
| Meninges, brain and other parts of central nervous system | C70-C72     | T   | 98    | -  | -   | 3   | -     | 1     | 1     | 3     | 5     | 13    | 22    | 30    | 17    | 3    |
|   |             | F   | 38    | -  | -   | 1   | -     | 1     | 1     | -     | 2     | 4     | 9     | 14    | 4     | 2    |
|   |             | M   | 60    | -  | -   | 2   | -     | -     | -     | 3     | 3     | 9     | 13    | 16    | 13    | 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)**  
**2016**

| CAUSE OF DEATH  | ICD-10 CODE    | SEX | TOTAL | <1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 + |
|---|----------------|-----|-------|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Lymphoid, hematopoietic and related tissue  | C81-C96        | T   | 333   | -  | -   | -   | 3     | -     | 1     | 2     | 2     | 16    | 35    | 94    | 113   | 67   |
|   |                | F   | 141   | -  | -   | -   | 2     | -     | -     | 1     | 1     | 5     | 12    | 34    | 45    | 41   |
|   |                | M   | 192   | -  | -   | -   | 1     | -     | 1     | 1     | 1     | 11    | 23    | 60    | 68    | 26   |
| Hodgkin's disease   | C81            | T   | 3     | -  | -   | -   | -     | -     | -     | 1     | -     | -     | -     | 2     | -     | -    |
|   |                | F   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | -     | -    |
|   |                | M   | 2     | -  | -   | -   | -     | -     | -     | 1     | -     | -     | -     | 1     | -     | -    |
| Non-Hodgkin's lymphoma  | C82-C85        | T   | 126   | -  | -   | -   | -     | -     | 1     | -     | 1     | 2     | 14    | 37    | 42    | 29   |
|   |                | F   | 58    | -  | -   | -   | -     | -     | -     | -     | -     | -     | 7     | 12    | 17    | 22   |
|   |                | M   | 68    | -  | -   | -   | -     | -     | 1     | -     | 1     | 2     | 7     | 25    | 25    | 7    |
| Leukemia  | C91-C95        | T   | 129   | -  | -   | -   | 3     | -     | -     | 1     | 1     | 9     | 12    | 34    | 46    | 23   |
|   |                | F   | 50    | -  | -   | -   | 2     | -     | -     | 1     | 1     | 5     | 5     | 9     | 16    | 11   |
|   |                | M   | 79    | -  | -   | -   | 1     | -     | -     | -     | -     | 4     | 7     | 25    | 30    | 12   |
| Multiple myeloma and immunoproliferative neoplasms                                      | C88, C90       | T   | 75    | -  | -   | -   | -     | -     | -     | -     | -     | 5     | 9     | 21    | 25    | 15   |
|   |                | F   | 32    | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 12    | 12    | 8    |
|   |                | M   | 43    | -  | -   | -   | -     | -     | -     | -     | -     | 5     | 9     | 9     | 13    | 7    |
| Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue | C96            | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| All other & unspecified malignant neoplasms   | See footnote 1 | T   | 340   | -  | 1   | 1   | 2     | -     | 1     | 8     | 7     | 19    | 55    | 89    | 90    | 67   |
|   |                | F   | 150   | -  | 1   | -   | 1     | -     | 1     | 5     | 4     | 7     | 27    | 31    | 36    | 37   |
|   |                | M   | 190   | -  | -   | 1   | 1     | -     | -     | 3     | 3     | 12    | 28    | 58    | 54    | 30   |
| # In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior    | D00-D48        | T   | 64    | 1  | -   | -   | -     | -     | -     | -     | 2     | 3     | 9     | 14    | 17    | 18   |
|   |                | F   | 28    | 1  | -   | -   | -     | -     | -     | -     | 1     | 2     | 4     | 5     | 7     | 8    |
|   |                | M   | 36    | -  | -   | -   | -     | -     | -     | -     | 1     | 1     | 5     | 9     | 10    | 10   |
| # Anemias   | D50-D64        | T   | 21    | -  | -   | -   | -     | -     | -     | -     | -     | -     | 2     | 5     | 7     | 7    |
|   |                | F   | 10    | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 4     | 4     | 2    |
|   |                | M   | 11    | -  | -   | -   | -     | -     | -     | -     | -     | -     | 2     | 1     | 3     | 5    |
| # Diabetes mellitus   | E10-E14        | T   | 379   | -  | -   | -   | -     | 2     | 1     | 6     | 4     | 27    | 66    | 90    | 101   | 82   |
|   |                | F   | 169   | -  | -   | -   | -     | 1     | -     | 4     | 1     | 10    | 28    | 38    | 41    | 46   |
|   |                | M   | 210   | -  | -   | -   | -     | 1     | 1     | 2     | 3     | 17    | 38    | 52    | 60    | 36   |
| # Nutritional deficiencies  | E40-E64        | T   | 22    | -  | -   | -   | -     | -     | -     | -     | 1     | -     | 6     | 2     | 7     | 6    |
|   |                | F   | 14    | -  | -   | -   | -     | -     | -     | -     | -     | -     | 3     | 1     | 5     | 5    |
|   |                | M   | 8     | -  | -   | -   | -     | -     | -     | -     | 1     | -     | 3     | 1     | 2     | 1    |
| Malnutrition  | E40-E46        | T   | 18    | -  | -   | -   | -     | -     | -     | -     | 1     | -     | 5     | 1     | 7     | 4    |
|   |                | F   | 12    | -  | -   | -   | -     | -     | -     | -     | -     | -     | 3     | 1     | 5     | 3    |
|   |                | M   | 6     | -  | -   | -   | -     | -     | -     | -     | 1     | -     | 2     | -     | 2     | 1    |
| Other nutritional deficiencies  | E50-E64        | T   | 4     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | 1     | -     | 2    |
|   |                | F   | 2     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | 2    |
|   |                | M   | 2     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | 1     | -     | -    |

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

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

| CAUSE OF DEATH   | ICD-10 CODE                | SEX | TOTAL | <1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 +  |
|--|----------------------------|-----|-------|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| # Meningitis   | G00, G03                   | T   | 4     | 1  | -   | -   | -     | -     | -     | 1     | -     | -     | -     | -     | 2     | -     |
|  |                            | F   | 2     | -  | -   | -   | -     | -     | -     | 1     | -     | -     | -     | -     | 1     | -     |
|  |                            | M   | 2     | 1  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | 1     | -     |
| # Parkinson's disease                                      | G20-G21                    | T   | 166   | -  | -   | -   | -     | -     | -     | -     | -     | -     | 2     | 22    | 75    | 67    |
|  |                            | F   | 63    | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | 4     | 31    | 27    |
|  |                            | M   | 103   | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | 18    | 44    | 40    |
| # Alzheimer's disease                                      | G30                        | T   | 606   | -  | -   | -   | -     | -     | -     | -     | -     | -     | 10    | 34    | 180   | 382   |
|  |                            | F   | 432   | -  | -   | -   | -     | -     | -     | -     | -     | -     | 7     | 19    | 124   | 282   |
|  |                            | M   | 174   | -  | -   | -   | -     | -     | -     | -     | -     | -     | 3     | 15    | 56    | 100   |
| Major cardiovascular diseases                              | I00-I78                    | T   | 3,872 | 3  | 2   | -   | 4     | -     | 3     | 15    | 56    | 132   | 389   | 643   | 1,011 | 1,614 |
|  |                            | F   | 1,794 | 1  | 1   | -   | 4     | -     | 2     | 5     | 14    | 37    | 118   | 225   | 428   | 959   |
|  |                            | M   | 2,078 | 2  | 1   | -   | -     | -     | 1     | 10    | 42    | 95    | 271   | 418   | 583   | 655   |
| # Diseases of heart  | I00-I09, I11, I13, I20-I51 | T   | 2,974 | 3  | 2   | -   | 4     | -     | 3     | 12    | 44    | 112   | 315   | 515   | 741   | 1,223 |
|  |                            | F   | 1,322 | 1  | 1   | -   | 4     | -     | 2     | 4     | 11    | 30    | 96    | 172   | 297   | 704   |
|  |                            | M   | 1,652 | 2  | 1   | -   | -     | -     | 1     | 8     | 33    | 82    | 219   | 343   | 444   | 519   |
| Acute rheumatic fever and chronic rheumatic heart diseases | I00-I09                    | T   | 26    | -  | -   | -   | -     | -     | -     | 1     | -     | -     | 2     | 3     | 5     | 15    |
|  |                            | F   | 13    | -  | -   | -   | -     | -     | -     | 1     | -     | -     | -     | 2     | 1     | 9     |
|  |                            | M   | 13    | -  | -   | -   | -     | -     | -     | -     | -     | -     | 2     | 1     | 4     | 6     |
| Hypertensive heart disease                                 | I11                        | T   | 118   | -  | -   | -   | -     | -     | -     | -     | 1     | 7     | 12    | 14    | 19    | 65    |
|  |                            | F   | 69    | -  | -   | -   | -     | -     | -     | -     | 1     | 2     | 4     | 4     | 13    | 45    |
|  |                            | M   | 49    | -  | -   | -   | -     | -     | -     | -     | -     | 5     | 8     | 10    | 6     | 20    |
| Hypertensive heart and renal disease                       | I13                        | T   | 30    | -  | -   | -   | -     | -     | -     | -     | -     | -     | 4     | 1     | 12    | 13    |
|  |                            | F   | 15    | -  | -   | -   | -     | -     | -     | -     | -     | -     | 2     | 1     | 5     | 7     |
|  |                            | M   | 15    | -  | -   | -   | -     | -     | -     | -     | -     | -     | 2     | -     | 7     | 6     |
| Ischemic heart diseases                                    | I20-I25                    | T   | 1,609 | -  | -   | -   | -     | -     | -     | 3     | 21    | 80    | 214   | 314   | 439   | 538   |
|  |                            | F   | 581   | -  | -   | -   | -     | -     | -     | -     | 2     | 19    | 53    | 91    | 144   | 272   |
|  |                            | M   | 1,028 | -  | -   | -   | -     | -     | -     | 3     | 19    | 61    | 161   | 223   | 295   | 266   |
| Acute myocardial infarction                                | I21-I22                    | T   | 729   | -  | -   | -   | -     | -     | -     | 2     | 15    | 54    | 139   | 181   | 202   | 136   |
|  |                            | F   | 247   | -  | -   | -   | -     | -     | -     | -     | 1     | 11    | 35    | 56    | 69    | 75    |
|  |                            | M   | 482   | -  | -   | -   | -     | -     | -     | 2     | 14    | 43    | 104   | 125   | 133   | 61    |
| Other acute ischemic heart diseases                        | I24                        | T   | 30    | -  | -   | -   | -     | -     | -     | -     | 1     | 4     | 6     | 3     | 10    | 6     |
|  |                            | F   | 9     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 2     | -     | 6     | 1     |
|  |                            | M   | 21    | -  | -   | -   | -     | -     | -     | -     | 1     | 4     | 4     | 3     | 4     | 5     |
| Other forms of chronic ischemic heart disease              | I20, I25                   | T   | 850   | -  | -   | -   | -     | -     | -     | 1     | 5     | 22    | 69    | 130   | 227   | 396   |
|  |                            | F   | 325   | -  | -   | -   | -     | -     | -     | -     | 1     | 8     | 16    | 35    | 69    | 196   |
|  |                            | M   | 525   | -  | -   | -   | -     | -     | -     | 1     | 4     | 14    | 53    | 95    | 158   | 200   |
| Atherosclerotic cardiovascular disease, so described       | I25.0                      | T   | 95    | -  | -   | -   | -     | -     | -     | 1     | 2     | 8     | 13    | 16    | 24    | 31    |
|  |                            | F   | 37    | -  | -   | -   | -     | -     | -     | -     | -     | 5     | 3     | 3     | 8     | 18    |
|  |                            | M   | 58    | -  | -   | -   | -     | -     | -     | 1     | 2     | 3     | 10    | 13    | 16    | 13    |

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**IDAHO RESIDENT MORTALITY**  
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**2016**

| CAUSE OF DEATH  | ICD-10 CODE                    | SEX | TOTAL | <1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 + |
|---|--------------------------------|-----|-------|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| All other forms of chronic ischemic heart disease       | I20, I25.1-I25.9               | T   | 755   | -  | -   | -   | -     | -     | -     | -     | 3     | 14    | 56    | 114   | 203   | 365  |
|   |                                | F   | 288   | -  | -   | -   | -     | -     | -     | -     | 1     | 3     | 13    | 32    | 61    | 178  |
|   |                                | M   | 467   | -  | -   | -   | -     | -     | -     | -     | 2     | 11    | 43    | 82    | 142   | 187  |
| Other heart diseases                                    | I26-I51                        | T   | 1,191 | 3  | 2   | -   | 4     | -     | 3     | 8     | 22    | 25    | 83    | 183   | 266   | 592  |
|   |                                | F   | 644   | 1  | 1   | -   | 4     | -     | 2     | 3     | 8     | 9     | 37    | 74    | 134   | 371  |
|   |                                | M   | 547   | 2  | 1   | -   | -     | -     | 1     | 5     | 14    | 16    | 46    | 109   | 132   | 221  |
| Acute and subacute endocarditis                         | I33                            | T   | 10    | -  | -   | -   | -     | -     | -     | 1     | 1     | 2     | -     | 3     | 1     | 2    |
|   |                                | F   | 5     | -  | -   | -   | -     | -     | -     | 1     | -     | 2     | -     | 1     | 1     | -    |
|   |                                | M   | 5     | -  | -   | -   | -     | -     | -     | -     | 1     | -     | -     | 2     | -     | 2    |
| Diseases of pericardium and acute myocarditis           | I30-I31, I40                   | T   | 4     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | 2     | 1    |
|   |                                | F   | 3     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | 1     | 1    |
|   |                                | M   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | 1     | -    |
| Heart failure   | I50                            | T   | 385   | -  | -   | -   | -     | -     | 1     | -     | 1     | 2     | 13    | 52    | 92    | 224  |
|   |                                | F   | 216   | -  | -   | -   | -     | -     | 1     | -     | -     | 1     | 4     | 23    | 47    | 140  |
|   |                                | M   | 169   | -  | -   | -   | -     | -     | -     | -     | 1     | 1     | 9     | 29    | 45    | 84   |
| All other forms of heart disease                        | I26-I28, I34-I38, I42-I49, I51 | T   | 792   | 3  | 2   | -   | 4     | -     | 2     | 7     | 20    | 21    | 70    | 127   | 171   | 365  |
|   |                                | F   | 420   | 1  | 1   | -   | 4     | -     | 1     | 2     | 8     | 6     | 33    | 49    | 85    | 230  |
|   |                                | M   | 372   | 2  | 1   | -   | -     | -     | 1     | 5     | 12    | 15    | 37    | 78    | 86    | 135  |
| # Essential hypertension and hypertensive renal disease | I10, I12, I15                  | T   | 106   | -  | -   | -   | -     | -     | -     | -     | 2     | 3     | 11    | 11    | 27    | 52   |
|   |                                | F   | 60    | -  | -   | -   | -     | -     | -     | -     | -     | 1     | 3     | 5     | 16    | 35   |
|   |                                | M   | 46    | -  | -   | -   | -     | -     | -     | -     | 2     | 2     | 8     | 6     | 11    | 17   |
| # Cerebrovascular diseases                              | I60-I69                        | T   | 679   | -  | -   | -   | -     | -     | -     | 2     | 8     | 13    | 57    | 97    | 204   | 298  |
|   |                                | F   | 365   | -  | -   | -   | -     | -     | -     | -     | 3     | 5     | 18    | 41    | 99    | 199  |
|   |                                | M   | 314   | -  | -   | -   | -     | -     | -     | 2     | 5     | 8     | 39    | 56    | 105   | 99   |
| # Atherosclerosis                                       | I70                            | T   | 8     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | 2     | 5    |
|   |                                | F   | 6     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | 1     | 4    |
|   |                                | M   | 2     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | 1     | 1    |
| Other diseases of circulatory system                    | I71-I78                        | T   | 105   | -  | -   | -   | -     | -     | -     | 1     | 2     | 4     | 6     | 19    | 37    | 36   |
|   |                                | F   | 41    | -  | -   | -   | -     | -     | -     | 1     | -     | 1     | 1     | 6     | 15    | 17   |
|   |                                | M   | 64    | -  | -   | -   | -     | -     | -     | -     | 2     | 3     | 5     | 13    | 22    | 19   |
| # Aortic aneurysm and dissection                        | I71                            | T   | 56    | -  | -   | -   | -     | -     | -     | 1     | 2     | -     | 5     | 9     | 16    | 23   |
|   |                                | F   | 21    | -  | -   | -   | -     | -     | -     | 1     | -     | -     | 1     | 3     | 6     | 10   |
|   |                                | M   | 35    | -  | -   | -   | -     | -     | -     | -     | 2     | -     | 4     | 6     | 10    | 13   |
| Other diseases of arteries, arterioles and capillaries  | I72-I78                        | T   | 49    | -  | -   | -   | -     | -     | -     | -     | -     | 4     | 1     | 10    | 21    | 13   |
|   |                                | F   | 20    | -  | -   | -   | -     | -     | -     | -     | -     | 1     | -     | 3     | 9     | 7    |
|   |                                | M   | 29    | -  | -   | -   | -     | -     | -     | -     | -     | 3     | 1     | 7     | 12    | 6    |
| Other disorders of circulatory system                   | I80-I99                        | T   | 24    | -  | -   | -   | -     | -     | -     | 1     | 3     | 3     | 5     | 2     | 4     | 6    |
|   |                                | F   | 17    | -  | -   | -   | -     | -     | -     | 1     | 3     | 1     | 5     | 1     | 1     | 5    |
|   |                                | M   | 7     | -  | -   | -   | -     | -     | -     | -     | -     | 2     | -     | 1     | 3     | 1    |

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**IDAHO RESIDENT MORTALITY**  
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**2016**

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|--|--------------|-----|-------|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| # Influenza and pneumonia                                | J09-J18      | T   | 204   | -  | -   | -   | -     | -     | -     | 2     | 3     | 10    | 20    | 28    | 53    | 88   |
|  |              | F   | 124   | -  | -   | -   | -     | -     | -     | 1     | 1     | 7     | 9     | 16    | 28    | 62   |
|  |              | M   | 80    | -  | -   | -   | -     | -     | -     | 1     | 2     | 3     | 11    | 12    | 25    | 26   |
| Influenza  | J09-J11      | T   | 27    | -  | -   | -   | -     | -     | -     | 1     | -     | 6     | 4     | 3     | 6     | 7    |
|  |              | F   | 17    | -  | -   | -   | -     | -     | -     | 1     | -     | 5     | 2     | 2     | 3     | 4    |
|  |              | M   | 10    | -  | -   | -   | -     | -     | -     | -     | -     | 1     | 2     | 1     | 3     | 3    |
| Pneumonia  | J12-J18      | T   | 177   | -  | -   | -   | -     | -     | -     | 1     | 3     | 4     | 16    | 25    | 47    | 81   |
|  |              | F   | 107   | -  | -   | -   | -     | -     | -     | -     | 1     | 2     | 7     | 14    | 25    | 58   |
|  |              | M   | 70    | -  | -   | -   | -     | -     | -     | 1     | 2     | 2     | 9     | 11    | 22    | 23   |
| Other acute lower respiratory infections                 | J20-J22, U04 | T   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | 1    |
|  |              | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |              | M   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | 1    |
| # Acute bronchitis and bronchiolitis                     | J20-J21      | T   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | 1    |
|  |              | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |              | M   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | 1    |
| Other and unspecified acute lower respiratory infections | J22, U04     | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |              | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |              | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| # Chronic lower respiratory diseases                     | J40-J47      | T   | 864   | -  | -   | -   | -     | -     | 1     | 1     | 2     | 16    | 111   | 219   | 307   | 207  |
|  |              | F   | 446   | -  | -   | -   | -     | -     | -     | 1     | 1     | 9     | 61    | 117   | 151   | 106  |
|  |              | M   | 418   | -  | -   | -   | -     | -     | 1     | -     | 1     | 7     | 50    | 102   | 156   | 101  |
| Bronchitis, chronic and unspecified                      | J40-J42      | T   | 2     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | 1     | -    |
|  |              | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |              | M   | 2     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | 1     | -    |
| Emphysema  | J43          | T   | 32    | -  | -   | -   | -     | -     | -     | -     | -     | -     | 7     | 11    | 7     | 7    |
|  |              | F   | 18    | -  | -   | -   | -     | -     | -     | -     | -     | -     | 5     | 3     | 5     | 5    |
|  |              | M   | 14    | -  | -   | -   | -     | -     | -     | -     | -     | -     | 2     | 8     | 2     | 2    |
| Asthma   | J45-J46      | T   | 22    | -  | -   | -   | -     | -     | 1     | 1     | 1     | 4     | 3     | 6     | 2     | 4    |
|  |              | F   | 16    | -  | -   | -   | -     | -     | -     | 1     | -     | 2     | 3     | 6     | 2     | 2    |
|  |              | M   | 6     | -  | -   | -   | -     | -     | 1     | -     | 1     | 2     | -     | -     | -     | 2    |
| Other chronic lower respiratory diseases                 | J44, J47     | T   | 808   | -  | -   | -   | -     | -     | -     | -     | 1     | 12    | 101   | 201   | 297   | 196  |
|  |              | F   | 412   | -  | -   | -   | -     | -     | -     | -     | 1     | 7     | 53    | 108   | 144   | 99   |
|  |              | M   | 396   | -  | -   | -   | -     | -     | -     | -     | -     | 5     | 48    | 93    | 153   | 97   |
| # Pneumoconioses and chemical effects                    | J60-J66, J68 | T   | 11    | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 2     | 7     | 2    |
|  |              | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |              | M   | 11    | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 2     | 7     | 2    |
| # Pneumonitis due to solids and liquids                  | J69          | T   | 98    | -  | -   | -   | -     | -     | -     | -     | 1     | 1     | 10    | 11    | 31    | 44   |
|  |              | F   | 46    | -  | -   | -   | -     | -     | -     | -     | -     | 1     | 5     | 5     | 15    | 20   |
|  |              | M   | 52    | -  | -   | -   | -     | -     | -     | -     | 1     | -     | 5     | 6     | 16    | 24   |

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

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

| CAUSE OF DEATH   | ICD-10 CODE                    | SEX | TOTAL | <1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 + |
|--|--------------------------------|-----|-------|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Other diseases of respiratory system   | J00-J06, J30-J39, J67, J70-J98 | T   | 190   | 7  | -   | 2   | -     | -     | 1     | 1     | 2     | 4     | 25    | 36    | 63    | 49   |
|  |                                | F   | 79    | 3  | -   | -   | -     | -     | -     | 1     | 1     | 1     | 16    | 8     | 26    | 23   |
|  |                                | M   | 111   | 4  | -   | 2   | -     | -     | 1     | -     | 1     | 3     | 9     | 28    | 37    | 26   |
| # Peptic ulcer   | K25-K28                        | T   | 20    | -  | -   | -   | -     | -     | -     | -     | -     | -     | 8     | 4     | 4     | 4    |
|  |                                | F   | 13    | -  | -   | -   | -     | -     | -     | -     | -     | -     | 7     | -     | 3     | 3    |
|  |                                | M   | 7     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | 4     | 1     | 1    |
| # Diseases of appendix   | K35-K38                        | T   | 4     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | 2     | 2    |
|  |                                | F   | 2     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | 2    |
|  |                                | M   | 2     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | 2     | -    |
| # Hernia   | K40-K46                        | T   | 10    | -  | -   | -   | -     | -     | -     | -     | -     | 1     | 2     | 3     | 2     | 2    |
|  |                                | F   | 5     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 2     | 1     | 1     | 1    |
|  |                                | M   | 5     | -  | -   | -   | -     | -     | -     | -     | -     | 1     | -     | 2     | 1     | 1    |
| # Chronic liver disease and cirrhosis  | K70, K73-K74                   | T   | 190   | -  | -   | -   | -     | -     | 1     | 6     | 12    | 36    | 63    | 51    | 17    | 4    |
|  |                                | F   | 68    | -  | -   | -   | -     | -     | 1     | 2     | 5     | 15    | 20    | 13    | 9     | 3    |
|  |                                | M   | 122   | -  | -   | -   | -     | -     | -     | 4     | 7     | 21    | 43    | 38    | 8     | 1    |
| Alcoholic liver disease  | K70                            | T   | 147   | -  | -   | -   | -     | -     | 1     | 6     | 10    | 34    | 50    | 35    | 11    | -    |
|  |                                | F   | 49    | -  | -   | -   | -     | -     | 1     | 2     | 5     | 15    | 15    | 7     | 4     | -    |
|  |                                | M   | 98    | -  | -   | -   | -     | -     | -     | 4     | 5     | 19    | 35    | 28    | 7     | -    |
| Other chronic liver disease and cirrhosis  | K73-K74                        | T   | 43    | -  | -   | -   | -     | -     | -     | -     | 2     | 2     | 13    | 16    | 6     | 4    |
|  |                                | F   | 19    | -  | -   | -   | -     | -     | -     | -     | -     | -     | 5     | 6     | 5     | 3    |
|  |                                | M   | 24    | -  | -   | -   | -     | -     | -     | -     | 2     | 2     | 8     | 10    | 1     | 1    |
| # Cholelithiasis and other disorders of gallbladder  | K80-K82                        | T   | 29    | -  | -   | -   | -     | -     | 1     | -     | -     | -     | 3     | 8     | 8     | 9    |
|  |                                | F   | 17    | -  | -   | -   | -     | -     | -     | -     | -     | -     | 2     | 5     | 4     | 6    |
|  |                                | M   | 12    | -  | -   | -   | -     | -     | 1     | -     | -     | -     | 1     | 3     | 4     | 3    |
| # Nephritis, nephrotic syndrome and nephrosis  | N00-N07, N17-N19, N25-N27      | T   | 188   | -  | -   | -   | -     | -     | -     | -     | 1     | 9     | 19    | 36    | 59    | 64   |
|  |                                | F   | 89    | -  | -   | -   | -     | -     | -     | -     | -     | 4     | 6     | 15    | 26    | 38   |
|  |                                | M   | 99    | -  | -   | -   | -     | -     | -     | -     | 1     | 5     | 13    | 21    | 33    | 26   |
| Acute and rapidly progressive nephritic and nephrotic syndrome   | N00-N01, N04                   | T   | 4     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | 2     | 2    |
|  |                                | F   | 2     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | 1     | 1    |
|  |                                | M   | 2     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | 1     | 1    |
| Chronic glomerulonephritis, nephritis and nephritis not specified as acute or chronic, and renal sclerosis unspecified | N02-N03, N05-N07, N26          | T   | 5     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | 1     | 3     | -    |
|  |                                | F   | 2     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | 1     | -    |
|  |                                | M   | 3     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | -     | 2     | -    |
| Renal failure  | N17-N19                        | T   | 179   | -  | -   | -   | -     | -     | -     | -     | 1     | 9     | 18    | 35    | 54    | 62   |
|  |                                | F   | 85    | -  | -   | -   | -     | -     | -     | -     | -     | 4     | 6     | 14    | 24    | 37   |
|  |                                | M   | 94    | -  | -   | -   | -     | -     | -     | -     | 1     | 5     | 12    | 21    | 30    | 25   |
| Other disorders of kidney  | N25, N27                       | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |

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

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

| CAUSE OF DEATH  | ICD-10 CODE               | SEX | TOTAL | <1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 + |
|---|---------------------------|-----|-------|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| # Infections of kidney  | N10-N12,<br>N13.6, N15.1  | T   | 7     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | 1     | 1     | 4    |
|   |                           | F   | 6     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | 1     | 1     | 3    |
|   |                           | M   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | 1    |
| # Hyperplasia of prostate   | N40                       | T   | 6     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | 1     | 4    |
|   |                           | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                           | M   | 6     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | 1     | 4    |
| # Inflammatory diseases of female pelvic organs   | N70-N76                   | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                           | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                           | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| # Pregnancy, childbirth and the puerperium  | O00-O99                   | T   | 8     | -  | -   | -   | 1     | -     | 1     | 4     | 2     | -     | -     | -     | -     | -    |
|   |                           | F   | 8     | -  | -   | -   | 1     | -     | 1     | 4     | 2     | -     | -     | -     | -     | -    |
|   |                           | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Pregnancy with abortive outcome   | O00-O07                   | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                           | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                           | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Other complications of pregnancy, childbirth and the puerperium                               | O10-O95, O98-O99          | T   | 6     | -  | -   | -   | 1     | -     | 1     | 3     | 1     | -     | -     | -     | -     | -    |
|   |                           | F   | 6     | -  | -   | -   | 1     | -     | 1     | 3     | 1     | -     | -     | -     | -     | -    |
|   |                           | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Maternal causes more than 42 days after delivery or termination of pregnancy                  | O96-O97                   | T   | 2     | -  | -   | -   | -     | -     | -     | 1     | 1     | -     | -     | -     | -     | -    |
|   |                           | F   | 2     | -  | -   | -   | -     | -     | -     | 1     | 1     | -     | -     | -     | -     | -    |
|   |                           | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| # Certain conditions originating in the perinatal period                                      | P00-P96                   | T   | 57    | 57 | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                           | F   | 25    | 25 | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                           | M   | 32    | 32 | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| # Congenital malformations, deformations and chromosomal abnormalities                        | Q00-Q99                   | T   | 65    | 34 | 5   | 2   | 1     | 1     | 1     | 2     | 2     | 2     | 10    | 1     | 1     | 3    |
|   |                           | F   | 33    | 19 | 3   | -   | 1     | 1     | 1     | 1     | 1     | 1     | 3     | -     | -     | 2    |
|   |                           | M   | 32    | 15 | 2   | 2   | -     | -     | -     | 1     | 1     | 1     | 7     | 1     | 1     | 1    |
| Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified       | R00-R99                   | T   | 163   | 18 | 2   | -   | -     | 2     | -     | 1     | 5     | 2     | 5     | 10    | 22    | 96   |
|   |                           | F   | 99    | 7  | 1   | -   | -     | -     | -     | -     | 2     | -     | -     | 6     | 15    | 68   |
|   |                           | M   | 64    | 11 | 1   | -   | -     | 2     | -     | 1     | 3     | 2     | 5     | 4     | 7     | 28   |
| Sudden infant death syndrome  | R95                       | T   | 13    | 13 | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                           | F   | 3     | 3  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                           | M   | 10    | 10 | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified | R00-R53, R55-R94, R96-R99 | T   | 150   | 5  | 2   | -   | -     | 2     | -     | 1     | 5     | 2     | 5     | 10    | 22    | 96   |
|   |                           | F   | 96    | 4  | 1   | -   | -     | -     | -     | -     | 2     | -     | -     | 6     | 15    | 68   |
|   |                           | M   | 54    | 1  | 1   | -   | -     | 2     | -     | 1     | 3     | 2     | 5     | 4     | 7     | 28   |
| All other diseases (residual)   | All other A00-N99         | T   | 1,713 | 3  | 1   | 1   | 3     | 3     | 1     | 21    | 27    | 81    | 181   | 276   | 428   | 687  |
|   |                           | F   | 947   | 1  | 1   | -   | -     | -     | 1     | 8     | 17    | 38    | 74    | 124   | 236   | 447  |
|   |                           | M   | 766   | 2  | -   | 1   | 3     | 3     | -     | 13    | 10    | 43    | 107   | 152   | 192   | 240  |

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

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

| CAUSE OF DEATH   | ICD-10 CODE      | SEX | TOTAL | <1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 + |
|--|------------------|-----|-------|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| # Accidents (unintentional injuries)   | V01-X59, Y85-Y86 | T   | 847   | 5  | 10  | 9   | 11    | 28    | 45    | 100   | 99    | 98    | 118   | 72    | 99    | 153  |
|  |                  | F   | 328   | 3  | 2   | 4   | 8     | 10    | 9     | 27    | 31    | 37    | 43    | 26    | 45    | 83   |
|  |                  | M   | 519   | 2  | 8   | 5   | 3     | 18    | 36    | 73    | 68    | 61    | 75    | 46    | 54    | 70   |
| Transport accidents  | V01-V99, Y85     | T   | 290   | -  | 5   | 5   | 8     | 22    | 25    | 45    | 43    | 34    | 47    | 26    | 21    | 9    |
|  |                  | F   | 85    | -  | -   | 4   | 6     | 6     | 8     | 15    | 11    | 8     | 9     | 7     | 8     | 3    |
|  |                  | M   | 205   | -  | 5   | 1   | 2     | 16    | 17    | 30    | 32    | 26    | 38    | 19    | 13    | 6    |
| Motor vehicle accidents  | See footnote 1   | T   | 267   | -  | 5   | 5   | 8     | 20    | 23    | 44    | 39    | 32    | 40    | 22    | 20    | 9    |
|  |                  | F   | 79    | -  | -   | 4   | 6     | 6     | 8     | 15    | 9     | 7     | 6     | 7     | 8     | 3    |
|  |                  | M   | 188   | -  | 5   | 1   | 2     | 14    | 15    | 29    | 30    | 25    | 34    | 15    | 12    | 6    |
| Other land transport accidents   | See footnote 2   | T   | 5     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 2     | 2     | 1     | -    |
|  |                  | F   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | -     | -     | -    |
|  |                  | M   | 4     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | 2     | 1     | -    |
| Water, air and space, other and unspecified transport accidents and their sequelae | V90-V99, Y85     | T   | 18    | -  | -   | -   | -     | 2     | 2     | 1     | 4     | 2     | 5     | 2     | -     | -    |
|  |                  | F   | 5     | -  | -   | -   | -     | -     | -     | -     | 2     | 1     | 2     | -     | -     | -    |
|  |                  | M   | 13    | -  | -   | -   | -     | 2     | 2     | 1     | 2     | 1     | 3     | 2     | -     | -    |
| Nontransport accidents   | W00-X59, Y86     | T   | 557   | 5  | 5   | 4   | 3     | 6     | 20    | 55    | 56    | 64    | 71    | 46    | 78    | 144  |
|  |                  | F   | 243   | 3  | 2   | -   | 2     | 4     | 1     | 12    | 20    | 29    | 34    | 19    | 37    | 80   |
|  |                  | M   | 314   | 2  | 3   | 4   | 1     | 2     | 19    | 43    | 36    | 35    | 37    | 27    | 41    | 64   |
| Falls  | W00-W19          | T   | 243   | -  | -   | -   | -     | 2     | -     | 2     | 4     | 6     | 14    | 28    | 61    | 126  |
|  |                  | F   | 132   | -  | -   | -   | -     | 1     | -     | 1     | 2     | 3     | 7     | 14    | 33    | 71   |
|  |                  | M   | 111   | -  | -   | -   | -     | 1     | -     | 1     | 2     | 3     | 7     | 14    | 28    | 55   |
| Accidental discharge of firearms   | W32-W34          | T   | 6     | -  | -   | 1   | -     | 1     | -     | -     | 1     | 1     | 2     | -     | -     | -    |
|  |                  | F   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | -     | -     | -    |
|  |                  | M   | 5     | -  | -   | 1   | -     | 1     | -     | -     | 1     | 1     | 1     | -     | -     | -    |
| Accidental drowning and submersion   | W65-W74          | T   | 22    | 1  | 3   | 2   | 1     | 1     | 4     | 1     | 2     | 1     | 4     | -     | 2     | -    |
|  |                  | F   | 6     | 1  | 1   | -   | 1     | 1     | -     | -     | -     | -     | 1     | -     | 1     | -    |
|  |                  | M   | 16    | -  | 2   | 2   | -     | -     | 4     | 1     | 2     | 1     | 3     | -     | 1     | -    |
| Accidental exposure to smoke, fire and flames                                      | X00-X09          | T   | 14    | -  | -   | -   | -     | 1     | -     | 3     | -     | 1     | 2     | 4     | 1     | 2    |
|  |                  | F   | 6     | -  | -   | -   | -     | 1     | -     | 1     | -     | 1     | 1     | 1     | -     | 1    |
|  |                  | M   | 8     | -  | -   | -   | -     | -     | -     | 2     | -     | -     | 1     | 3     | 1     | 1    |
| Accidental poisoning and exposure to noxious substances                            | X40-X49          | T   | 188   | -  | -   | -   | 1     | 1     | 15    | 45    | 44    | 43    | 33    | 4     | 2     | -    |
|  |                  | F   | 75    | -  | -   | -   | 1     | 1     | 1     | 9     | 17    | 23    | 20    | 1     | 2     | -    |
|  |                  | M   | 113   | -  | -   | -   | -     | -     | 14    | 36    | 27    | 20    | 13    | 3     | -     | -    |
| Other and unspecified nontransport accidents and their sequelae                    | See footnote 3   | T   | 84    | 4  | 2   | 1   | 1     | -     | 1     | 4     | 5     | 12    | 16    | 10    | 12    | 16   |
|  |                  | F   | 23    | 2  | 1   | -   | -     | -     | -     | 1     | 1     | 2     | 4     | 3     | 1     | 8    |
|  |                  | M   | 61    | 2  | 1   | 1   | 1     | -     | 1     | 3     | 4     | 10    | 12    | 7     | 11    | 8    |

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

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

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

| CAUSE OF DEATH   | ICD-10 CODE                           | SEX | TOTAL | <1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 + |
|--|---------------------------------------|-----|-------|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| # Intentional self-harm (suicide)                                      | U03, X60-X84,<br>Y87.0                | T   | 351   | -  | -   | -   | 3     | 23    | 30    | 33    | 68    | 79    | 45    | 47    | 17    | 6    |
|  |                                       | F   | 83    | -  | -   | -   | 1     | 4     | 7     | 8     | 23    | 18    | 13    | 7     | 2     | -    |
|  |                                       | M   | 268   | -  | -   | -   | 2     | 19    | 23    | 25    | 45    | 61    | 32    | 40    | 15    | 6    |
| Discharge of firearms  | X72-X74                               | T   | 214   | -  | -   | -   | 2     | 15    | 19    | 20    | 32    | 47    | 28    | 32    | 13    | 6    |
|  |                                       | F   | 36    | -  | -   | -   | 1     | 3     | 3     | 3     | 7     | 11    | 5     | 2     | 1     | -    |
|  |                                       | M   | 178   | -  | -   | -   | 1     | 12    | 16    | 17    | 25    | 36    | 23    | 30    | 12    | 6    |
| Other and unspecified means and their sequelae                         | U03, X60-X71,<br>X75-X84,<br>Y87.0    | T   | 137   | -  | -   | -   | 1     | 8     | 11    | 13    | 36    | 32    | 17    | 15    | 4     | -    |
|  |                                       | F   | 47    | -  | -   | -   | -     | 1     | 4     | 5     | 16    | 7     | 8     | 5     | 1     | -    |
|  |                                       | M   | 90    | -  | -   | -   | 1     | 7     | 7     | 8     | 20    | 25    | 9     | 10    | 3     | -    |
| # Assault (homicide)   | U01-U02, X85-<br>Y09, Y87.1           | T   | 33    | 2  | 1   | 1   | 2     | 2     | 2     | 8     | 8     | 4     | 3     | -     | -     | -    |
|  |                                       | F   | 7     | 1  | -   | 1   | 1     | 1     | -     | -     | 1     | 2     | -     | -     | -     | -    |
|  |                                       | M   | 26    | 1  | 1   | -   | 1     | 1     | 2     | 8     | 7     | 2     | 3     | -     | -     | -    |
| Discharge of firearms  | U01.4, X93-<br>X95                    | T   | 15    | -  | -   | -   | -     | 1     | 1     | 4     | 7     | 1     | 1     | -     | -     | -    |
|  |                                       | F   | 2     | -  | -   | -   | -     | -     | -     | -     | 1     | 1     | -     | -     | -     | -    |
|  |                                       | M   | 13    | -  | -   | -   | -     | 1     | 1     | 4     | 6     | -     | 1     | -     | -     | -    |
| Other and unspecified means and their sequelae                         | See footnote 1                        | T   | 18    | 2  | 1   | 1   | 2     | 1     | 1     | 4     | 1     | 3     | 2     | -     | -     | -    |
|  |                                       | F   | 5     | 1  | -   | 1   | 1     | 1     | -     | -     | -     | 1     | -     | -     | -     | -    |
|  |                                       | M   | 13    | 1  | 1   | -   | 1     | -     | 1     | 4     | 1     | 2     | 2     | -     | -     | -    |
| # Legal intervention   | Y35, Y89.0                            | T   | 6     | -  | -   | -   | -     | -     | -     | 2     | 1     | 3     | -     | -     | -     | -    |
|  |                                       | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                       | M   | 6     | -  | -   | -   | -     | -     | -     | 2     | 1     | 3     | -     | -     | -     | -    |
| Events of undetermined intent  | Y10-Y34,<br>Y87.2, Y89.9              | T   | 33    | 1  | 2   | -   | -     | 1     | 1     | 7     | 9     | 6     | 4     | 2     | -     | -    |
|  |                                       | F   | 14    | 1  | -   | -   | -     | -     | -     | 3     | 5     | 2     | 2     | 1     | -     | -    |
|  |                                       | M   | 19    | -  | 2   | -   | -     | 1     | 1     | 4     | 4     | 4     | 2     | 1     | -     | -    |
| Discharge of firearms  | Y22-Y24                               | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                       | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                       | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Other and unspecified events of undetermined intent and their sequelae | Y10-Y21, Y25-<br>Y34, Y87.2,<br>Y89.9 | T   | 33    | 1  | 2   | -   | -     | 1     | 1     | 7     | 9     | 6     | 4     | 2     | -     | -    |
|  |                                       | F   | 14    | 1  | -   | -   | -     | -     | -     | 3     | 5     | 2     | 2     | 1     | -     | -    |
|  |                                       | M   | 19    | -  | 2   | -   | -     | 1     | 1     | 4     | 4     | 4     | 2     | 1     | -     | -    |
| Poisoning and exposure to noxious substances                           | Y10-Y19                               | T   | 25    | -  | -   | -   | -     | 1     | -     | 5     | 9     | 5     | 4     | 1     | -     | -    |
|  |                                       | F   | 11    | -  | -   | -   | -     | -     | -     | 2     | 5     | 2     | 2     | -     | -     | -    |
|  |                                       | M   | 14    | -  | -   | -   | -     | 1     | -     | 3     | 4     | 3     | 2     | 1     | -     | -    |
| # Operations of war and their sequelae <sup>2</sup>                    | Y36, Y89.1                            | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                       | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                       | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| # Complications of medical and surgical care                           | Y40-Y84, Y88                          | T   | 21    | -  | -   | -   | -     | -     | -     | 1     | 1     | 1     | 4     | 3     | 8     | 3    |
|  |                                       | F   | 10    | -  | -   | -   | -     | -     | -     | 1     | -     | -     | 2     | 2     | 4     | 1    |
|  |                                       | M   | 11    | -  | -   | -   | -     | -     | -     | -     | 1     | 1     | 2     | 1     | 4     | 2    |

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

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

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

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

| CAUSE OF DEATH  | ICD-10 CODE                       | SEX | TOTAL | <1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 + |
|---|-----------------------------------|-----|-------|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Total Accidents (unintentional injuries)  | V01-X59, Y85-Y86                  | T   | 847   | 5  | 10  | 9   | 11    | 28    | 45    | 100   | 99    | 98    | 118   | 72    | 99    | 153  |
|   |                                   | F   | 328   | 3  | 2   | 4   | 8     | 10    | 9     | 27    | 31    | 37    | 43    | 26    | 45    | 83   |
|   |                                   | M   | 519   | 2  | 8   | 5   | 3     | 18    | 36    | 73    | 68    | 61    | 75    | 46    | 54    | 70   |
| Total Transport accidents   | V01-V99, Y85                      | T   | 290   | -  | 5   | 5   | 8     | 22    | 25    | 45    | 43    | 34    | 47    | 26    | 21    | 9    |
|   |                                   | F   | 85    | -  | -   | 4   | 6     | 6     | 8     | 15    | 11    | 8     | 9     | 7     | 8     | 3    |
|   |                                   | M   | 205   | -  | 5   | 1   | 2     | 16    | 17    | 30    | 32    | 26    | 38    | 19    | 13    | 6    |
| Total motor vehicle accidents   | See footnote 1                    | T   | 267   | -  | 5   | 5   | 8     | 20    | 23    | 44    | 39    | 32    | 40    | 22    | 20    | 9    |
|   |                                   | F   | 79    | -  | -   | 4   | 6     | 6     | 8     | 15    | 9     | 7     | 6     | 7     | 8     | 3    |
|   |                                   | M   | 188   | -  | 5   | 1   | 2     | 14    | 15    | 29    | 30    | 25    | 34    | 15    | 12    | 6    |
| Pedestrian involved in collision with motor vehicle                                       | V02-V04                           | T   | 14    | -  | 2   | -   | -     | -     | 2     | 2     | 2     | -     | 3     | 1     | 1     | 1    |
|   |                                   | F   | 2     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | 1     | 1    |
|   |                                   | M   | 12    | -  | 2   | -   | -     | -     | 2     | 2     | 2     | -     | 3     | 1     | -     | -    |
| Pedal cyclist involved in collision with motor vehicle                                    | V12-V14, V19.0-V19.2, V19.4-V19.6 | T   | 5     | -  | 1   | 1   | -     | -     | -     | 1     | -     | 2     | -     | -     | -     | -    |
|   |                                   | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                                   | M   | 5     | -  | 1   | 1   | -     | -     | -     | 1     | -     | 2     | -     | -     | -     | -    |
| Motorcyclist involved in any accident except collision with railway train                 | V20-V24, V26-V29                  | T   | 22    | -  | -   | -   | -     | 1     | -     | 4     | 3     | 7     | 6     | -     | 1     | -    |
|   |                                   | F   | 2     | -  | -   | -   | -     | -     | -     | -     | 2     | -     | -     | -     | -     | -    |
|   |                                   | M   | 20    | -  | -   | -   | -     | 1     | -     | 4     | 1     | 7     | 6     | -     | 1     | -    |
| Motorcyclist involved in collision with railway train                                     | V25                               | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                                   | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                                   | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Occupant of three-wheeled motor vehicle, except collision with railway train              | V30-V34, V36-V39                  | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                                   | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                                   | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Occupant of three-wheeled motor vehicle involved in collision with railway train          | V35                               | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                                   | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                                   | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Occupant of motor vehicle involved in collision with railway train                        | See footnote 2                    | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                                   | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                                   | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Occupant of motor vehicle involved in collision with other object                         | See footnote 3                    | T   | 15    | -  | -   | -   | 1     | -     | 3     | 6     | 3     | -     | 2     | -     | -     | -    |
|   |                                   | F   | 2     | -  | -   | -   | -     | -     | -     | 1     | -     | -     | 1     | -     | -     | -    |
|   |                                   | M   | 13    | -  | -   | -   | 1     | -     | 3     | 5     | 3     | -     | 1     | -     | -     | -    |
| Occupant of motor vehicle involved in collision with other motor vehicle                  | V42-V44, V49, V52-V54, V59        | T   | 49    | -  | 1   | 1   | 1     | 1     | 1     | 7     | 9     | 4     | 10    | 5     | 5     | 4    |
|   |                                   | F   | 20    | -  | -   | 1   | 1     | -     | 1     | 5     | -     | 1     | 4     | 2     | 3     | 2    |
|   |                                   | M   | 29    | -  | 1   | -   | -     | 1     | -     | 2     | 9     | 3     | 6     | 3     | 2     | 2    |
| Occupant of heavy transport vehicle or bus involved in collision with other motor vehicle | V62-V64, V69, V72-V74, V79        | T   | 2     | -  | -   | 1   | -     | -     | -     | -     | -     | -     | -     | 1     | -     | -    |
|   |                                   | F   | 1     | -  | -   | 1   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                                   | M   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | -     | -    |
| Occupant of motor vehicle involved in noncollision accident                               | V48, V58, V68, V78                | T   | 66    | -  | 1   | 2   | 2     | 10    | 7     | 12    | 10    | 10    | 4     | 4     | 4     | -    |
|   |                                   | F   | 25    | -  | -   | 2   | 2     | 4     | 2     | 6     | 4     | 4     | -     | 1     | -     | -    |
|   |                                   | M   | 41    | -  | 1   | -   | -     | 6     | 5     | 6     | 6     | 6     | 4     | 3     | 4     | -    |

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

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

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

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

| CAUSE OF DEATH   | ICD-10 CODE                         | SEX | TOTAL | <1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 + |
|--|-------------------------------------|-----|-------|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Occupant of special vehicle mainly used on industrial premises   | V83                                 | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                     | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                     | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Occupant of special vehicle mainly used in agriculture   | V84                                 | T   | 3     | -  | -   | -   | -     | -     | 1     | 1     | -     | -     | 1     | -     | -     | -    |
|  |                                     | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                     | M   | 3     | -  | -   | -   | -     | -     | 1     | 1     | -     | -     | 1     | -     | -     | -    |
| Occupant of special construction vehicle   | V85                                 | T   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | -     | -    |
|  |                                     | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                     | M   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | -     | -    |
| Occupant or rider of special all-terrain or motor vehicle designed for off-road use <sup>1</sup>                       | V86                                 | T   | 14    | -  | -   | -   | 3     | 1     | 1     | 2     | -     | 1     | 3     | 1     | 2     | -    |
|  |                                     | F   | 4     | -  | -   | -   | 2     | 1     | -     | -     | -     | -     | 1     | -     | -     | -    |
|  |                                     | M   | 10    | -  | -   | -   | 1     | -     | 1     | 2     | -     | 1     | 2     | 1     | 2     | -    |
| ATV or 4-wheeled vehicle   | V86 (Subset)                        | T   | 13    | -  | -   | -   | 2     | 1     | 1     | 2     | -     | 1     | 3     | 1     | 2     | -    |
|  |                                     | F   | 4     | -  | -   | -   | 2     | 1     | -     | -     | -     | -     | 1     | -     | -     | -    |
|  |                                     | M   | 9     | -  | -   | -   | -     | -     | 1     | 2     | -     | 1     | 2     | 1     | 2     | -    |
| Snowmobile or snow machine (not including avalanche)   | V86 (Subset)                        | T   | 1     | -  | -   | -   | 1     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                     | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                     | M   | 1     | -  | -   | -   | 1     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Unspecified all-terrain vehicle  | V86 (Subset)                        | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                     | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                     | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Other and unspecified motor vehicle accident   | See footnote 2                      | T   | 76    | -  | -   | -   | 1     | 7     | 8     | 9     | 12    | 8     | 11    | 9     | 7     | 4    |
|  |                                     | F   | 23    | -  | -   | -   | 1     | 1     | 5     | 3     | 3     | 2     | -     | 4     | 4     | -    |
|  |                                     | M   | 53    | -  | -   | -   | -     | 6     | 3     | 6     | 9     | 6     | 11    | 5     | 3     | 4    |
| Pedestrian injury with other or unspecified motor vehicle accident   | V09.0, V09.2                        | T   | 9     | -  | -   | -   | -     | -     | 1     | 1     | 2     | 1     | 1     | 1     | 2     | -    |
|  |                                     | F   | 2     | -  | -   | -   | -     | -     | -     | -     | 1     | -     | -     | 1     | -     | -    |
|  |                                     | M   | 7     | -  | -   | -   | -     | -     | 1     | 1     | 1     | 1     | 1     | -     | 2     | -    |
| Animal rider or occupant of animal-drawn vehicle in collision with motor vehicle or other or unspecified motor vehicle | V80.3-V80.5                         | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                     | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                     | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| All other and unspecified motor vehicle accident   | Residual<br>See footnote 2          | T   | 67    | -  | -   | -   | 1     | 7     | 7     | 8     | 10    | 7     | 10    | 8     | 5     | 4    |
|  |                                     | F   | 21    | -  | -   | -   | 1     | 1     | 5     | 3     | 2     | 2     | -     | 3     | 4     | -    |
|  |                                     | M   | 46    | -  | -   | -   | -     | 6     | 2     | 5     | 8     | 5     | 10    | 5     | 1     | 4    |
| Total Other land transport accidents   | See footnote 3                      | T   | 5     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 2     | 2     | 1     | -    |
|  |                                     | F   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | -     | -     | -    |
|  |                                     | M   | 4     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | 2     | 1     | -    |
| Railway accidents (not with motor vehicle)   | V05, V15,<br>V80.6, V81.2-<br>V81.9 | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                     | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                     | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Pedestrian with train  | V05                                 | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                     | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                     | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |

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

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

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

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

| CAUSE OF DEATH   | ICD-10 CODE                          | SEX | TOTAL | <1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 + |
|--|--------------------------------------|-----|-------|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Pedal cyclist with train   | V15                                  | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                      | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                      | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Other railway accident (not with motor vehicle, pedestrian, or pedal cyclist)                | V80.6, V81.2-V81.9                   | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                      | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                      | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Streetcar accident (not with motor vehicle)  | V82.2-V82.9                          | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                      | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                      | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Pedestrian (not with motor vehicle or train)   | V01, V06, V09.1, V09.3, V09.9        | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                      | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                      | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Pedal cyclist (not with motor vehicle or train)  | V10-V11, V16-V18, V19.3, V19.8-V19.9 | T   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | -     | -    |
|  |                                      | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                      | M   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | -     | -    |
| Rider of animal or occupant of animal-drawn vehicle (not with motor vehicle or train)        | V80-V80.2, V80.7-V80.9               | T   | 4     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 2     | 1     | 1     | -    |
|  |                                      | F   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | -     | -     | -    |
|  |                                      | M   | 3     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | 1     | 1     | -    |
| Person injured in other specified transport accidents  | V87.9, V88.3                         | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                      | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                      | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Person injured in unspecified nonmotor-vehicle accident                                      | V89.1, V89.3                         | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                      | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                      | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Person injured in unspecified vehicle accident   | V89.9                                | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                      | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                      | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Total water, air and space, and other and unspecified transport accidents and their sequelae | V90-V99, Y85                         | T   | 18    | -  | -   | -   | -     | 2     | 2     | 1     | 4     | 2     | 5     | 2     | -     | -    |
|  |                                      | F   | 5     | -  | -   | -   | -     | -     | -     | -     | 2     | 1     | 2     | -     | -     | -    |
|  |                                      | M   | 13    | -  | -   | -   | -     | 2     | 2     | 1     | 2     | 1     | 3     | 2     | -     | -    |
| Water transport accidents  | V90-V94                              | T   | 4     | -  | -   | -   | -     | 2     | -     | -     | -     | -     | 1     | 1     | -     | -    |
|  |                                      | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                                      | M   | 4     | -  | -   | -   | -     | 2     | -     | -     | -     | -     | 1     | 1     | -     | -    |
| Air and space transport accidents  | V95-V97                              | T   | 8     | -  | -   | -   | -     | -     | 2     | -     | 4     | -     | 2     | -     | -     | -    |
|  |                                      | F   | 2     | -  | -   | -   | -     | -     | -     | -     | 2     | -     | -     | -     | -     | -    |
|  |                                      | M   | 6     | -  | -   | -   | -     | -     | 2     | -     | 2     | -     | 2     | -     | -     | -    |
| Other and unspecified transport accidents and their sequelae                                 | V98-V99, Y85                         | T   | 6     | -  | -   | -   | -     | -     | -     | 1     | -     | 2     | 2     | 1     | -     | -    |
|  |                                      | F   | 3     | -  | -   | -   | -     | -     | -     | -     | -     | 1     | 2     | -     | -     | -    |
|  |                                      | M   | 3     | -  | -   | -   | -     | -     | -     | 1     | -     | 1     | -     | 1     | -     | -    |
| Total Non-Transport accidents  | W00-X59, Y86                         | T   | 557   | 5  | 5   | 4   | 3     | 6     | 20    | 55    | 56    | 64    | 71    | 46    | 78    | 144  |
|  |                                      | F   | 243   | 3  | 2   | -   | 2     | 4     | 1     | 12    | 20    | 29    | 34    | 19    | 37    | 80   |
|  |                                      | M   | 314   | 2  | 3   | 4   | 1     | 2     | 19    | 43    | 36    | 35    | 37    | 27    | 41    | 64   |
| Accidental falls   | W00-W19                              | T   | 243   | -  | -   | -   | -     | 2     | -     | 2     | 4     | 6     | 14    | 28    | 61    | 126  |
|  |                                      | F   | 132   | -  | -   | -   | -     | 1     | -     | 1     | 2     | 3     | 7     | 14    | 33    | 71   |
|  |                                      | M   | 111   | -  | -   | -   | -     | 1     | -     | 1     | 2     | 3     | 7     | 14    | 28    | 55   |

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



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

| CAUSE OF DEATH  | ICD-10 CODE         | SEX | TOTAL | <1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 + |
|---|---------------------|-----|-------|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Accidental discharge of firearms                            | W32-W34             | T   | 6     | -  | -   | 1   | -     | 1     | -     | -     | 1     | 1     | 2     | -     | -     | -    |
|   |                     | F   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | -     | -     | -    |
|   |                     | M   | 5     | -  | -   | 1   | -     | 1     | -     | -     | 1     | 1     | 1     | -     | -     | -    |
| Accidental explosion  | W39-W40             | T   | 3     | -  | -   | -   | -     | -     | -     | -     | -     | 1     | 1     | -     | 1     | -    |
|   |                     | F   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | -     | -     | -    |
|   |                     | M   | 2     | -  | -   | -   | -     | -     | -     | -     | -     | 1     | -     | -     | 1     | -    |
| Accidental drowning and submersion                          | W65-W74             | T   | 22    | 1  | 3   | 2   | 1     | 1     | 4     | 1     | 2     | 1     | 4     | -     | 2     | -    |
|   |                     | F   | 6     | 1  | 1   | -   | 1     | 1     | -     | -     | -     | -     | 1     | -     | 1     | -    |
|   |                     | M   | 16    | -  | 2   | 2   | -     | -     | 4     | 1     | 2     | 1     | 3     | -     | 1     | -    |
| Accidental inhalation and ingestion of food or other object | W78-W80             | T   | 30    | -  | -   | -   | -     | -     | -     | -     | 1     | 4     | 4     | 4     | 5     | 12   |
|   |                     | F   | 12    | -  | -   | -   | -     | -     | -     | -     | 1     | 2     | 1     | 1     | 1     | 6    |
|   |                     | M   | 18    | -  | -   | -   | -     | -     | -     | -     | -     | 2     | 3     | 3     | 4     | 6    |
| Other accidental and unspecified threats to breathing       | W75-W77,<br>W81-W84 | T   | 14    | 4  | 1   | -   | 1     | -     | -     | 1     | 2     | -     | 1     | 2     | 1     | 1    |
|   |                     | F   | 6     | 2  | 1   | -   | -     | -     | -     | -     | -     | -     | 1     | 1     | -     | 1    |
|   |                     | M   | 8     | 2  | -   | -   | 1     | -     | -     | 1     | 2     | -     | -     | 1     | 1     | -    |
| Accidental exposure to electric current                     | W85-W87             | T   | 3     | -  | -   | -   | -     | -     | -     | 1     | -     | -     | 2     | -     | -     | -    |
|   |                     | F   | 1     | -  | -   | -   | -     | -     | -     | 1     | -     | -     | -     | -     | -     | -    |
|   |                     | M   | 2     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 2     | -     | -     | -    |
| Accidental exposure to radiation                            | W88-W91             | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                     | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                     | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Accidental exposure to smoke, fire, flames                  | X00-X09             | T   | 14    | -  | -   | -   | -     | 1     | -     | 3     | -     | 1     | 2     | 4     | 1     | 2    |
|   |                     | F   | 6     | -  | -   | -   | -     | 1     | -     | 1     | -     | 1     | 1     | 1     | -     | 1    |
|   |                     | M   | 8     | -  | -   | -   | -     | -     | -     | 2     | -     | -     | 1     | 3     | 1     | 1    |
| Accidental contact with heat and hot substances             | X10-X19             | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                     | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                     | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Lightning   | X33                 | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                     | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                     | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Earthquake  | X34                 | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                     | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                     | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Volcanic eruption   | X35                 | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                     | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                     | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Avalanche, landslide, other earth movements                 | X36                 | T   | 2     | -  | -   | -   | -     | -     | 1     | -     | -     | -     | 1     | -     | -     | -    |
|   |                     | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                     | M   | 2     | -  | -   | -   | -     | -     | 1     | -     | -     | -     | 1     | -     | -     | -    |
| Cataclysmic storm and flood                                 | X37-X38             | T   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                     | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|   |                     | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Accidental poisoning and exposure to noxious substances     | X40-X49             | T   | 188   | -  | -   | -   | 1     | 1     | 15    | 45    | 44    | 43    | 33    | 4     | 2     | -    |
|   |                     | F   | 75    | -  | -   | -   | 1     | 1     | 1     | 9     | 17    | 23    | 20    | 1     | 2     | -    |
|   |                     | M   | 113   | -  | -   | -   | -     | -     | 14    | 36    | 27    | 20    | 13    | 3     | -     | -    |

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

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

| CAUSE OF DEATH   | ICD-10 CODE      | SEX | TOTAL | <1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 + |
|--|------------------|-----|-------|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Accidental poisoning by drugs and other biological substances            | X40-X44          | T   | 181   | -  | -   | -   | 1     | 1     | 13    | 43    | 41    | 43    | 33    | 4     | 2     | -    |
|  |                  | F   | 73    | -  | -   | -   | 1     | 1     | 1     | 9     | 15    | 23    | 20    | 1     | 2     | -    |
|  |                  | M   | 108   | -  | -   | -   | -     | -     | 12    | 34    | 26    | 20    | 13    | 3     | -     | -    |
| Accidental poisoning by other and unspecified solid or liquid substances | X45-X46, X48-X49 | T   | 5     | -  | -   | -   | -     | -     | 1     | 1     | 3     | -     | -     | -     | -     | -    |
|  |                  | F   | 2     | -  | -   | -   | -     | -     | -     | -     | 2     | -     | -     | -     | -     | -    |
|  |                  | M   | 3     | -  | -   | -   | -     | -     | 1     | 1     | 1     | -     | -     | -     | -     | -    |
| Accidental poisoning by and exposure to other gases and vapors           | X47              | T   | 2     | -  | -   | -   | -     | -     | 1     | 1     | -     | -     | -     | -     | -     | -    |
|  |                  | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                  | M   | 2     | -  | -   | -   | -     | -     | 1     | 1     | -     | -     | -     | -     | -     | -    |
| All other and unspecified accidents and their sequelae <sup>1</sup>      | See footnote 1   | T   | 32    | -  | 1   | 1   | -     | -     | -     | 2     | 2     | 7     | 7     | 4     | 5     | 3    |
|  |                  | F   | 3     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | 1     | -     | 1    |
|  |                  | M   | 29    | -  | 1   | 1   | -     | -     | -     | 2     | 2     | 7     | 6     | 3     | 5     | 2    |
| Struck by thrown, projected, or falling object                           | W20              | T   | 4     | -  | -   | 1   | -     | -     | -     | -     | -     | 1     | 1     | 1     | -     | -    |
|  |                  | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                  | M   | 4     | -  | -   | 1   | -     | -     | -     | -     | -     | 1     | 1     | 1     | -     | -    |
| Contact with lifting and transmission devices, not elsewhere classified  | W24              | T   | 1     | -  | -   | -   | -     | -     | -     | -     | 1     | -     | -     | -     | -     | -    |
|  |                  | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                  | M   | 1     | -  | -   | -   | -     | -     | -     | -     | 1     | -     | -     | -     | -     | -    |
| Contact with powered lawn mower  | W28              | T   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | -     | -    |
|  |                  | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                  | M   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | -     | -    |
| Contact with agricultural machinery                                      | W30              | T   | 1     | -  | -   | -   | -     | -     | -     | -     | 1     | -     | -     | -     | -     | -    |
|  |                  | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                  | M   | 1     | -  | -   | -   | -     | -     | -     | -     | 1     | -     | -     | -     | -     | -    |
| Contact with other and unspecified machinery                             | W31              | T   | 4     | -  | 1   | -   | -     | -     | -     | 1     | -     | -     | 2     | -     | -     | -    |
|  |                  | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                  | M   | 4     | -  | 1   | -   | -     | -     | -     | 1     | -     | -     | 2     | -     | -     | -    |
| Bitten or struck by animal other than rat or dog                         | W55              | T   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | 1     | -    |
|  |                  | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                  | M   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | 1     | -    |
| Exposure to excessive natural heat                                       | X30              | T   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | 1    |
|  |                  | F   | 1     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | 1    |
|  |                  | M   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
| Exposure to excessive natural cold                                       | X31              | T   | 12    | -  | -   | -   | -     | -     | -     | -     | -     | 3     | 3     | 1     | 3     | 2    |
|  |                  | F   | 2     | -  | -   | -   | -     | -     | -     | -     | -     | -     | 1     | 1     | -     | -    |
|  |                  | M   | 10    | -  | -   | -   | -     | -     | -     | -     | -     | 3     | 2     | -     | 3     | 2    |
| Exposure to unspecified factor   | X59              | T   | 2     | -  | -   | -   | -     | -     | -     | 1     | -     | -     | -     | -     | 1     | -    |
|  |                  | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                  | M   | 2     | -  | -   | -   | -     | -     | -     | 1     | -     | -     | -     | -     | 1     | -    |
| Sequelae of other accidents  | Y86              | T   | 5     | -  | -   | -   | -     | -     | -     | -     | -     | 3     | 1     | 1     | -     | -    |
|  |                  | F   | -     | -  | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    |
|  |                  | M   | 5     | -  | -   | -   | -     | -     | -     | -     | -     | 3     | 1     | 1     | -     | -    |

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

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

| RANK                  | AGE GROUP                                      |                              |   |   |  |   |                                     |  |   |  |                                       | ALL AGES                             |
|-----------------------|--|------------------------------|---|---|--|---|-------------------------------------|--|---|--|---------------------------------------|--------------------------------------|
|                       | <1   | 1-4                          | 5-14  | 15-24   | 25-34  | 35-44                                     | 45-54                               | 55-64                                      | 65-74   | 75-84  | 85+                                   |                                      |
| 1                     | Accident Suffocation<br>19                     | Accident Motor Vehicle<br>25 | Accident Motor Vehicle<br>49                    | Accident Motor Vehicle<br>211                       | Accident Motor Vehicle<br>177                            | Accident Poisoning<br>189                 | Accident Poisoning<br>205           | Accident Motor Vehicle<br>163              | Accident Motor Vehicle<br>118                           | Accident Fall<br>257                           | Accident Fall<br>544                  | Accident Motor Vehicle<br>1,198      |
| 2                     | Assault Non-firearm<br>6                       | Accident Drowning<br>12      | Suicide Firearm<br>17                           | Suicide Firearm<br>142                              | Accident Poisoning<br>160                                | Accident Motor Vehicle<br>154             | Suicide Firearm<br>179              | Suicide Firearm<br>159                     | Suicide Firearm<br>117                                  | Accident Motor Vehicle<br>88                   | Accident Suffocation<br>68            | Accident Fall<br>1,047               |
| 3                     |  | Assault Non-firearm<br>7     | (Tie) Accident Drowning;<br>Suicide Suffocation | Accident Poisoning<br>75                            | Suicide Firearm<br>138                                   | Suicide Firearm<br>136                    | Accident Motor Vehicle<br>166       | Accident Poisoning<br>125                  | Accident Fall<br>114                                    | Suicide Firearm<br>62                          | Accident Motor Vehicle<br>45          | Suicide Firearm<br>989               |
| 4                     |  | Accident Suffocation<br>6    |   | Suicide Suffocation<br>74                           | Suicide Suffocation<br>55                                | Suicide Poisoning<br>78                   | Suicide Suffocation<br>76           | Accident Fall<br>75                        | Accident Poisoning<br>30                                | Accident Suffocation<br>22                     | Suicide Firearm<br>39                 | Accident Poisoning<br>799            |
| 5                     |  |                              | Accident Suffocation<br>7                       | Accident Drowning<br>23                             | Suicide Poisoning<br>29                                  | Suicide Suffocation<br>57                 | Suicide Poisoning<br>63             | Suicide Poisoning<br>55                    | Accident Suffocation<br>26                              | Surgical Complications<br>19                   | Surgical Complications<br>11          | Suicide Suffocation<br>308           |
| 6                     |  |                              | (Tie) Accident Firearm;<br>Assault Non-firearm  | Assault Non-firearm<br>14                           | Assault Firearm<br>24                                    | Undetermined Intent Poisoning<br>37       | Undetermined Intent Poisoning<br>44 | Accident Suffocation<br>27                 | Suicide Poisoning<br>21                                 | Accident Environmental Exposure<br>12          | Accident Environmental Exposure<br>10 | Suicide Poisoning<br>263             |
| 7                     |  |                              |   | Assault Firearm<br>13                               | Undetermined Intent Poisoning<br>21                      | Assault Firearm<br>22                     | Accident Fall<br>30                 | (Tie) Suicide Suffocation;<br>Late Effects | Surgical Complications<br>16                            | (Tie) Accident Fire;<br>Late Effects           | Late Effects<br>5                     | Accident Suffocation<br>222          |
| 8                     |  |                              |   | Suicide Poisoning<br>12                             | Accident Drowning<br>14                                  | (Tie) Accident Fall; Accident Suffocation | Late Effects<br>24                  | Late Effects<br>23                         | Late Effects<br>14                                      | Late Effects<br>9                              | Accident Poisoning<br>4               | Undetermined Intent Poisoning<br>139 |
| 9                     | Accident Assault/Legal Intervention<br>Suicide |                              |   | (Tie) Accident Firearm;<br>Accident Water Transport | (Tie) Assault Non-firearm;<br>Legal Intervention Firearm | Accident Suffocation<br>17                | Accident Suffocation<br>21          | Undetermined Intent Poisoning<br>21        | (Tie) Accident Environmental Exposure;<br>Accident Fire | (Tie) Accident Drowning;<br>Accident Poisoning |                                       | Accident Drowning<br>113             |
| 10                    |  |                              |   |   |  | Assault Non-firearm<br>11                 | Assault Firearm<br>10               | Surgical Complications<br>18               |   |  |                                       | Assault Firearm<br>89                |
| Residual <sup>2</sup> | 6  | 12                           | 15  | 62  | 64   | 84  | 98                                  | 114  | 66  | 33   | 27                                    | 737                                  |
| Total                 | 31   | 62                           | 118   | 642   | 702  | 802                                       | 916                                 | 803  | 548   | 527  | 753                                   | 5,904                                |

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

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

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

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

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

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

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

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

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

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

**WORK INJURY DEATHS OCCURRING IN IDAHO<sup>1</sup>**  
**Manner of Death by Sex and Age**  
**2016**

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

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

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

**ACCIDENTAL WORK INJURY DEATHS OCCURRING IN IDAHO**  
**Industry by Place of Injury**  
**2016**

| INDUSTRY                                  | TOTAL | PLACE OF INJURY |  |                                 |   |                          |                   |                        |                           |
|---|-------|-----------------|--|---------------------------------|---|--------------------------|-------------------|------------------------|---------------------------|
|   |       | Farm or ranch   | Home, residential institution, or nursing home | Industrial or construction area | School, hospital, or other public institution | Sports and athletic area | Street or highway | Trade and service area | Other or unspecified area |
| TOTAL                                     | 31    | 4               | 1  | 6                               | -   | -                        | 13                | 3                      | 4                         |
| Administrative Support & Waste Management | 2     | -               | -  | 1                               | -   | -                        | 1                 | -                      | -                         |
| Agriculture, Forestry, Fishing, & Hunting | 11    | 3               | -  | -                               | -   | -                        | 6                 | 1                      | 1                         |
| Construction                              | 7     | -               | 1  | 4                               | -   | -                        | 2                 | -                      | -                         |
| Education Services                        | 1     | -               | -  | -                               | -   | -                        | -                 | -                      | 1                         |
| Health Care & Social Assistance           | 1     | -               | -  | -                               | -   | -                        | -                 | 1                      | -                         |
| Information                               | 1     | -               | -  | -                               | -   | -                        | 1                 | -                      | -                         |
| Manufacturing                             | 1     | 1               | -  | -                               | -   | -                        | -                 | -                      | -                         |
| Non-Paid Workers                          | 2     | -               | -  | -                               | -   | -                        | 1                 | -                      | 1                         |
| Public Administration                     | 1     | -               | -  | 1                               | -   | -                        | -                 | -                      | -                         |
| Transportation & Warehousing              | 4     | -               | -  | -                               | -   | -                        | 2                 | 1                      | 1                         |

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

**IDAHO RESIDENT MORTALITY**  
**Alcohol-Induced, Drug-Induced, and Firearm Injury Mortality**  
**By Health District of Residence, Age Group, Sex, and Manner**  
**2016 Idaho and 2015 U.S.**

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

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

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

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

**YEARS OF POTENTIAL LIFE LOST BEFORE AGE 75**  
**Alcohol-Induced, Drug-Induced, and Firearm Injury Mortality**  
**2016**

| CAUSE OF DEATH  | Persons Aged Less Than 75 Years |                      | Years of Potential Life Lost (YPLL) Before Age 75 |                        |                                  |
|-----------------|---------------------------------|----------------------|---|------------------------|----------------------------------|
|                 | Number of Deaths                | Percentage of Deaths | Total Number of YPLL                              | YPLL Rate <sup>1</sup> | Average Number of YPLL per Death |
|                 |                                 |                      |   |                        |                                  |
| Alcohol-Induced | 206                             | 3.6%                 | 3,719   | 235                    | 18.1                             |
| Drug-Induced    | 258                             | 4.5%                 | 7,925   | 501                    | 30.7                             |
| Firearm-Injury  | 222                             | 3.8%                 | 6,783   | 429                    | 30.6                             |

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

Alcohol-induced, drug-induced, and firearm injury deaths are subsets of rankable causes of mortality and are not ranked for leading causes of mortality.

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

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

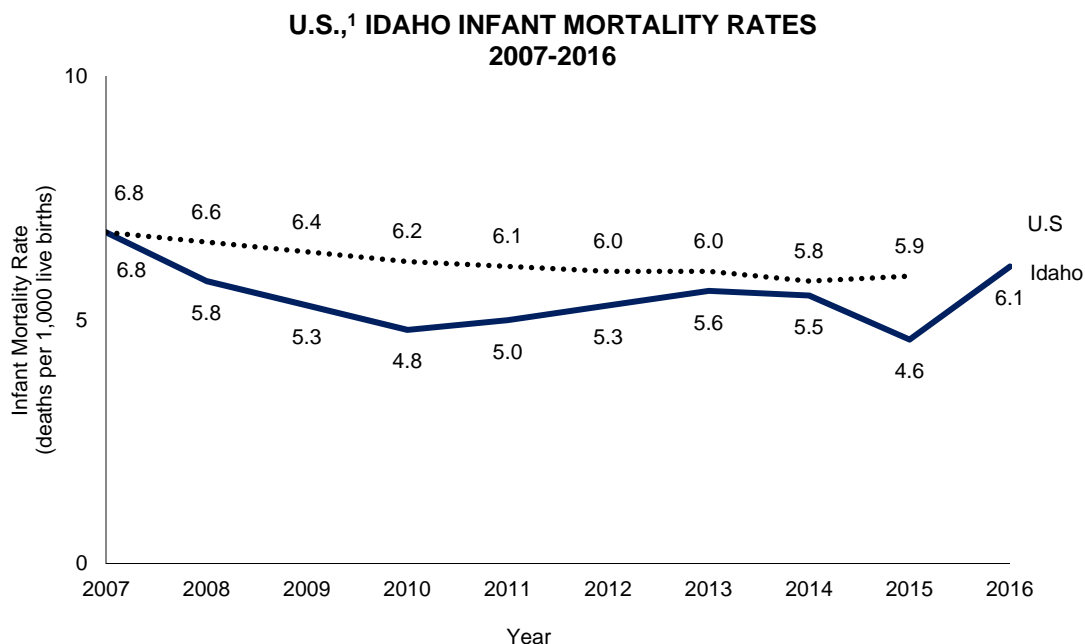
<sup>1</sup>Disposition method may or may not be reported for Idaho residents who died out-of-state.



# INFANT, FETAL, AND MATERNAL MORTALITY

## U.S. and Idaho Infant Mortality

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



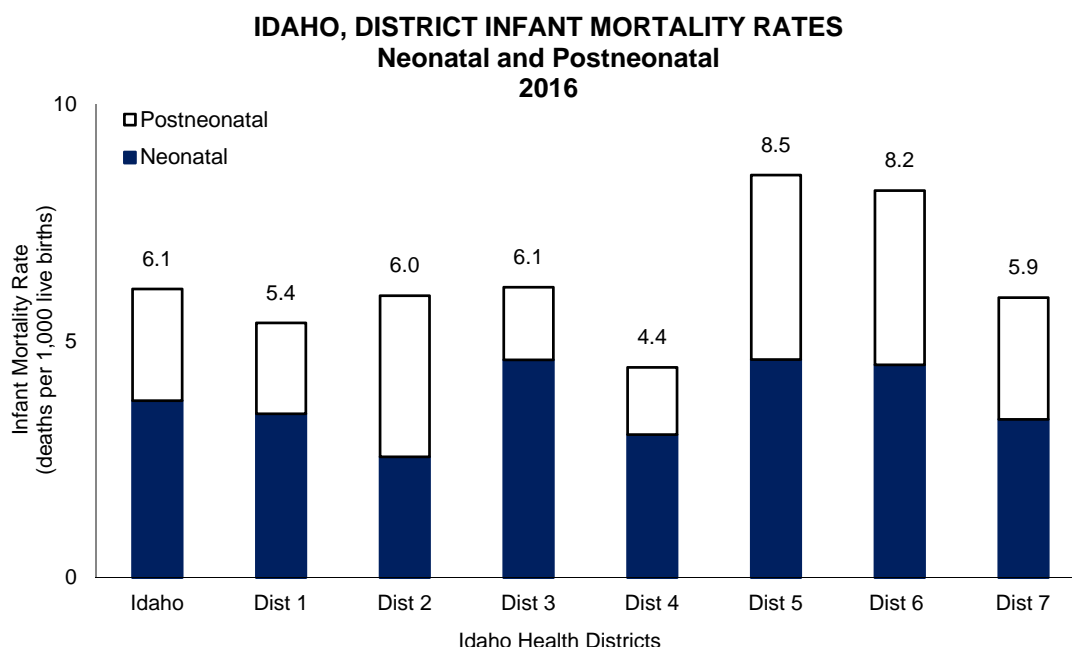
## U.S. and Idaho Leading Causes of Infant Mortality

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

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

Though they are provided, most county and many District-level rates are unreliable due to small numbers of infant deaths. This results in mortality rates that are unstable. Small counties are disproportionately affected and can have calculated rates that are abnormally high. Therefore, moving three-year rates are a more reliable measure of infant mortality. Three-year infant mortality rates from 2005-2007 through 2014-2016 are provided by District and county.

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



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

## Stillbirths

Idaho reportable stillbirth deliveries or stillbirths are defined as a spontaneous fetal death of 20 completed weeks of gestation or more, based on a clinical estimate of gestation, or a weight of 350 grams (12.35 ounces) or more. In 2016, there were 114 stillbirths for Idaho residents; the ratio of stillbirths to live births was 5.1 stillbirths per 1,000 live births. In the past ten years, the stillbirth ratio ranged from a low of 4.8 stillbirths per 1,000 live births in 2009 to a high of 6.2 in 2015.

## Perinatal Mortality

Perinatal mortality is defined as a stillbirth or death under seven days of age. The perinatal mortality ratio is the number of stillbirths plus the number of deaths to infants under seven days of age per 1,000 live births. This ratio is often used to compare U.S. data with other countries as definitions for live birth, stillbirth, and infant mortality vary between countries. In 2016, there were 186 perinatal deaths for Idaho residents. The Idaho perinatal mortality ratio in 2016 was 8.3 deaths per 1,000 live births, a 6.7% decrease from 2015 (8.9).

## Maternal Mortality

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

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

The ICD-10 codes used for determining the number of maternal deaths are A34 (Obstetrical tetanus), O00-O95 (Direct obstetric causes), and O98-O99 (Indirect causes). In addition, there are ICD-10 codes used for deaths due to pregnancy, childbirth, and the puerperium occurring 43 days to one year after delivery or termination of pregnancy (ICD-10 codes O96-O97); however, these deaths are not included in the count or the ratio for maternal deaths. In 2016, there were six maternal deaths to Idaho residents (ratio of 26.7 deaths per 100,000 live births). There were two deaths due to pregnancy, childbirth, and the puerperium occurring 43 days to one year after delivery or termination of pregnancy. Overall from 2007 to 2016, there have been 48 maternal deaths among Idaho women.

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

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

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

**IDAHO RESIDENT INFANT MORTALITY**  
**Number of Infant Deaths and Rates<sup>1</sup>**  
**2012-2016**

| RESIDENCE         | 2016   |      | 2015   |      | 2014   |      | 2013   |      | 2012   |      |
|-------------------|--------|------|--------|------|--------|------|--------|------|--------|------|
|                   | Number | Rate | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| U.S. <sup>2</sup> | NA     |      | 5.9    |      | 5.8    |      | 6.0    |      | 6.0    |      |
| IDAHO             | 137    | 6.1  | 106    | 4.6  | 126    | 5.5  | 126    | 5.6  | 121    | 5.3  |
| District 1        | 14     | 5.4  | 12     | 4.5  | 17     | 6.5  | 11     | 4.4  | 12     | 4.8  |
| District 2        | 7      | 6.0  | 5      | 4.1  | 10     | 8.5  | 9      | 7.8  | 6      | 4.8  |
| District 3        | 24     | 6.1  | 21     | 5.3  | 24     | 6.0  | 29     | 7.5  | 26     | 6.7  |
| District 4        | 25     | 4.4  | 25     | 4.4  | 27     | 4.7  | 23     | 4.1  | 25     | 4.4  |
| District 5        | 24     | 8.5  | 15     | 5.4  | 17     | 6.1  | 19     | 6.7  | 21     | 7.3  |
| District 6        | 20     | 8.2  | 10     | 3.9  | 11     | 4.3  | 17     | 6.6  | 8      | 3.0  |
| District 7        | 23     | 5.9  | 18     | 4.5  | 20     | 5.0  | 18     | 4.7  | 23     | 5.7  |
| Ada               | 24     | 4.8  | 22     | 4.3  | 23     | 4.5  | 20     | 4.0  | 23     | 4.5  |
| Adams             | -      | -    | -      | -    | -      | -    | 1      | 35.7 | -      | -    |
| Bannock           | 8      | 6.7  | 5      | 4.0  | 7      | 5.3  | 6      | 4.8  | 5      | 3.8  |
| Bear Lake         | -      | -    | -      | -    | -      | -    | 2      | 25.3 | -      | -    |
| Benewah           | -      | -    | -      | -    | 2      | 18.7 | 2      | 18.9 | -      | -    |
| Bingham           | 7      | 10.6 | 4      | 5.4  | 1      | 1.5  | 6      | 8.1  | 2      | 2.6  |
| Blaine            | 1      | 5.0  | 2      | 8.4  | -      | -    | -      | -    | 1      | 4.3  |
| Boise             | -      | -    | -      | -    | -      | -    | -      | -    | -      | -    |
| Bonner            | 2      | 4.6  | 5      | 13.2 | 5      | 11.6 | 1      | 2.5  | 2      | 5.1  |
| Bonneville        | 16     | 8.4  | 11     | 5.6  | 14     | 7.5  | 10     | 5.4  | 9      | 4.5  |
| Boundary          | -      | -    | -      | -    | 1      | 7.6  | 1      | 7.8  | 1      | 8.3  |
| Butte             | 1      | 33.3 | -      | -    | -      | -    | -      | -    | -      | -    |
| Camas             | -      | -    | -      | -    | -      | -    | -      | -    | -      | -    |
| Canyon            | 20     | 6.4  | 16     | 5.0  | 20     | 6.2  | 23     | 7.5  | 18     | 5.8  |
| Caribou           | 1      | 11.2 | -      | -    | 1      | 12.0 | -      | -    | -      | -    |
| Cassia            | 6      | 15.7 | 1      | 2.9  | 4      | 10.7 | 3      | 7.8  | 2      | 5.3  |
| Clark             | -      | -    | -      | -    | -      | -    | -      | -    | -      | -    |
| Clearwater        | 3      | 41.7 | 1      | 17.9 | -      | -    | -      | -    | 1      | 14.1 |
| Custer            | -      | -    | -      | -    | -      | -    | -      | -    | -      | -    |
| Elmore            | 1      | 2.2  | 2      | 4.6  | 4      | 8.1  | 3      | 6.2  | 2      | 4.6  |
| Franklin          | 1      | 5.0  | 1      | 5.1  | -      | -    | 1      | 4.9  | 1      | 4.9  |
| Fremont           | -      | -    | 2      | 11.5 | 1      | 5.1  | -      | -    | 2      | 10.2 |
| Gem               | 2      | 9.7  | 2      | 9.3  | 3      | 15.6 | 2      | 10.1 | -      | -    |
| Gooding           | 6      | 26.4 | 2      | 9.9  | 1      | 5.0  | 2      | 9.6  | 2      | 10.2 |
| Idaho             | -      | -    | 1      | 6.0  | 2      | 12.7 | 2      | 14.8 | 1      | 5.7  |
| Jefferson         | 2      | 4.5  | -      | -    | -      | -    | 3      | 6.2  | 4      | 8.1  |
| Jerome            | 9      | 22.4 | -      | -    | 7      | 18.2 | 8      | 19.6 | 3      | 7.4  |
| Kootenai          | 11     | 6.3  | 7      | 3.8  | 8      | 4.5  | 7      | 4.1  | 9      | 5.2  |
| Latah             | 4      | 9.4  | 2      | 4.3  | 4      | 8.9  | 3      | 6.9  | 1      | 2.2  |
| Lemhi             | -      | -    | 1      | 11.4 | 2      | 30.8 | -      | -    | -      | -    |
| Lewis             | -      | -    | -      | -    | -      | -    | -      | -    | -      | -    |
| Lincoln           | -      | -    | 1      | 11.6 | -      | -    | -      | -    | 3      | 38.5 |
| Madison           | 4      | 3.7  | 4      | 3.8  | 2      | 1.7  | 2      | 1.8  | 7      | 6.4  |
| Minidoka          | 1      | 3.3  | 2      | 6.6  | 2      | 6.1  | 1      | 3.0  | 6      | 17.3 |
| Nez Perce         | -      | -    | 1      | 2.1  | 4      | 8.3  | 4      | 8.5  | 3      | 5.8  |
| Oneida            | -      | -    | -      | -    | -      | -    | 1      | 21.3 | -      | -    |
| Owyhee            | 1      | 7.4  | 1      | 6.9  | -      | -    | 1      | 8.1  | 2      | 13.0 |
| Payette           | 1      | 3.5  | 2      | 6.8  | 1      | 3.2  | 2      | 6.6  | 6      | 19.5 |
| Power             | 2      | 16.3 | -      | -    | 2      | 13.4 | 1      | 7.8  | -      | -    |
| Shoshone          | 1      | 6.8  | -      | -    | 1      | 6.7  | -      | -    | -      | -    |
| Teton             | 1      | 6.9  | -      | -    | 1      | 7.3  | 3      | 20.8 | 1      | 6.0  |
| Twin Falls        | 1      | 0.8  | 7      | 6.0  | 3      | 2.5  | 5      | 4.1  | 4      | 3.2  |
| Valley            | -      | -    | 1      | 11.4 | -      | -    | -      | -    | -      | -    |
| Washington        | -      | -    | -      | -    | -      | -    | -      | -    | -      | -    |

NA=not available.

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

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

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

| RESIDENCE  | TOTAL DEATHS | SEX  |        | RACE  |       |                                   |                            |                              | ETHNICITY    |          |
|------------|--------------|------|--------|-------|-------|-----------------------------------|----------------------------|------------------------------|--------------|----------|
|            |              | Male | Female | White | Black | American Indian/<br>Alaska Native | Asian/<br>Pacific Islander | Other Race/<br>Multiple Race | Non-Hispanic | Hispanic |
| IDAHO      | 137          | 75   | 62     | 124   | 1     | 4                                 | 1                          | 7                            | 106          | 31       |
| District 1 | 14           | 8    | 6      | 14    | -     | -                                 | -                          | -                            | 13           | 1        |
| District 2 | 7            | 2    | 5      | 7     | -     | -                                 | -                          | -                            | 7            | -        |
| District 3 | 24           | 14   | 10     | 20    | -     | -                                 | -                          | 4                            | 15           | 9        |
| District 4 | 25           | 16   | 9      | 23    | 1     | -                                 | 1                          | -                            | 23           | 2        |
| District 5 | 24           | 16   | 8      | 21    | -     | -                                 | -                          | 3                            | 12           | 12       |
| District 6 | 20           | 9    | 11     | 16    | -     | 4                                 | -                          | -                            | 17           | 3        |
| District 7 | 23           | 10   | 13     | 23    | -     | -                                 | -                          | -                            | 19           | 4        |
| Ada        | 24           | 15   | 9      | 22    | 1     | -                                 | 1                          | -                            | 23           | 1        |
| Adams      | -            | -    | -      | -     | -     | -                                 | -                          | -                            | -            | -        |
| Bannock    | 8            | 3    | 5      | 6     | -     | 2                                 | -                          | -                            | 6            | 2        |
| Bear Lake  | -            | -    | -      | -     | -     | -                                 | -                          | -                            | -            | -        |
| Benewah    | -            | -    | -      | -     | -     | -                                 | -                          | -                            | -            | -        |
| Bingham    | 7            | 4    | 3      | 5     | -     | 2                                 | -                          | -                            | 6            | 1        |
| Blaine     | 1            | 1    | -      | 1     | -     | -                                 | -                          | -                            | 1            | -        |
| Boise      | -            | -    | -      | -     | -     | -                                 | -                          | -                            | -            | -        |
| Bonner     | 2            | 1    | 1      | 2     | -     | -                                 | -                          | -                            | 2            | -        |
| Bonneville | 16           | 9    | 7      | 16    | -     | -                                 | -                          | -                            | 12           | 4        |
| Boundary   | -            | -    | -      | -     | -     | -                                 | -                          | -                            | -            | -        |
| Butte      | 1            | -    | 1      | 1     | -     | -                                 | -                          | -                            | 1            | -        |
| Camas      | -            | -    | -      | -     | -     | -                                 | -                          | -                            | -            | -        |
| Canyon     | 20           | 12   | 8      | 17    | -     | -                                 | -                          | 3                            | 13           | 7        |
| Caribou    | 1            | -    | 1      | 1     | -     | -                                 | -                          | -                            | 1            | -        |
| Cassia     | 6            | 5    | 1      | 6     | -     | -                                 | -                          | -                            | 4            | 2        |
| Clark      | -            | -    | -      | -     | -     | -                                 | -                          | -                            | -            | -        |
| Clearwater | 3            | -    | 3      | 3     | -     | -                                 | -                          | -                            | 3            | -        |
| Custer     | -            | -    | -      | -     | -     | -                                 | -                          | -                            | -            | -        |
| Elmore     | 1            | 1    | -      | 1     | -     | -                                 | -                          | -                            | -            | 1        |
| Franklin   | 1            | -    | 1      | 1     | -     | -                                 | -                          | -                            | 1            | -        |
| Fremont    | -            | -    | -      | -     | -     | -                                 | -                          | -                            | -            | -        |
| Gem        | 2            | -    | 2      | 2     | -     | -                                 | -                          | -                            | 1            | 1        |
| Gooding    | 6            | 5    | 1      | 5     | -     | -                                 | -                          | 1                            | 1            | 5        |
| Idaho      | -            | -    | -      | -     | -     | -                                 | -                          | -                            | -            | -        |
| Jefferson  | 2            | -    | 2      | 2     | -     | -                                 | -                          | -                            | 2            | -        |
| Jerome     | 9            | 3    | 6      | 7     | -     | -                                 | -                          | 2                            | 5            | 4        |
| Kootenai   | 11           | 7    | 4      | 11    | -     | -                                 | -                          | -                            | 10           | 1        |
| Latah      | 4            | 2    | 2      | 4     | -     | -                                 | -                          | -                            | 4            | -        |
| Lemhi      | -            | -    | -      | -     | -     | -                                 | -                          | -                            | -            | -        |
| Lewis      | -            | -    | -      | -     | -     | -                                 | -                          | -                            | -            | -        |
| Lincoln    | -            | -    | -      | -     | -     | -                                 | -                          | -                            | -            | -        |
| Madison    | 4            | -    | 4      | 4     | -     | -                                 | -                          | -                            | 4            | -        |
| Minidoka   | 1            | 1    | -      | 1     | -     | -                                 | -                          | -                            | -            | 1        |
| Nez Perce  | -            | -    | -      | -     | -     | -                                 | -                          | -                            | -            | -        |
| Oneida     | -            | -    | -      | -     | -     | -                                 | -                          | -                            | -            | -        |
| Owyhee     | 1            | 1    | -      | -     | -     | -                                 | -                          | 1                            | -            | 1        |
| Payette    | 1            | 1    | -      | 1     | -     | -                                 | -                          | -                            | 1            | -        |
| Power      | 2            | 2    | -      | 2     | -     | -                                 | -                          | -                            | 2            | -        |
| Shoshone   | 1            | -    | 1      | 1     | -     | -                                 | -                          | -                            | 1            | -        |
| Teton      | 1            | 1    | -      | 1     | -     | -                                 | -                          | -                            | 1            | -        |
| Twin Falls | 1            | 1    | -      | 1     | -     | -                                 | -                          | -                            | 1            | -        |
| Valley     | -            | -    | -      | -     | -     | -                                 | -                          | -                            | -            | -        |
| Washington | -            | -    | -      | -     | -     | -                                 | -                          | -                            | -            | -        |

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

**IDAHO RESIDENT INFANT MORTALITY**  
**Cause of Death by Neonatal and Postneonatal Periods**  
**2016 Idaho and 2015 U.S.**

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

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

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

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

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

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

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

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

NA=not applicable.

**IDAHO RESIDENT INFANT MORTALITY**  
**Leading Causes of Infant Mortality**  
**Three-Year Aggregate, 2014-2016**

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

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

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

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

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

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

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

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

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

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

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



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

| RESIDENCE  | 2014-2016 | 2013-2015 | 2012-2014 | 2011-2013 | 2010-2012 | 2009-2011 | 2008-2010 | 2007-2009 | 2006-2008 | 2005-2007 |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| IDAHO      | 5.4       | 5.3       | 5.5       | 5.3       | 5.0       | 5.1       | 5.3       | 6.0       | 6.4       | 6.6       |
| District 1 | 5.5       | 5.2       | 5.3       | 4.8       | 4.5       | 3.4       | 3.5       | 4.9       | 6.0       | 6.7       |
| District 2 | 6.2       | 6.7       | 7.0       | 7.0       | 7.3       | 7.1       | 6.1       | 5.2       | 5.9       | 6.7       |
| District 3 | 5.8       | 6.3       | 6.7       | 6.6       | 5.2       | 5.1       | 5.5       | 6.6       | 7.8       | 8.0       |
| District 4 | 4.5       | 4.4       | 4.4       | 4.5       | 4.6       | 4.9       | 5.1       | 5.8       | 6.2       | 6.7       |
| District 5 | 6.7       | 6.1       | 6.7       | 6.1       | 6.2       | 6.2       | 7.1       | 7.5       | 7.3       | 6.8       |
| District 6 | 5.4       | 4.9       | 4.6       | 5.0       | 4.4       | 4.9       | 5.1       | 5.8       | 6.1       | 6.0       |
| District 7 | 5.2       | 4.7       | 5.1       | 4.7       | 4.7       | 4.8       | 5.2       | 5.5       | 5.3       | 5.0       |
| Ada        | 4.5       | 4.3       | 4.3       | 4.4       | 4.6       | 4.8       | 5.1       | 5.7       | 6.2       | 6.4       |
| Adams      | -         | 11.8      | 11.4      | 11.6      | -         | -         | -         | 8.0       | 7.6       | 8.1       |
| Bannock    | 5.3       | 4.7       | 4.6       | 4.6       | 4.9       | 4.8       | 4.5       | 5.2       | 6.1       | 6.6       |
| Bear Lake  | -         | 8.4       | 7.7       | 12.9      | 8.2       | 12.3      | 7.9       | 4.2       | 9.0       | 8.6       |
| Benewah    | 6.2       | 12.2      | 11.9      | 8.9       | 2.9       | 6.0       | 3.0       | 11.8      | 8.5       | 11.0      |
| Bingham    | 5.8       | 5.1       | 4.1       | 5.3       | 3.9       | 4.7       | 6.5       | 7.5       | 7.2       | 6.5       |
| Blaine     | 4.5       | 3.0       | 1.5       | 1.5       | 4.3       | 6.8       | 6.0       | 4.6       | 3.3       | 7.7       |
| Boise      | -         | -         | -         | 8.4       | 8.5       | 6.9       | -         | -         | -         | 6.9       |
| Bonner     | 9.6       | 9.1       | 6.6       | 3.4       | 4.3       | 2.5       | 3.2       | 5.4       | 8.5       | 9.7       |
| Bonneville | 7.1       | 6.2       | 5.8       | 4.7       | 4.4       | 4.1       | 5.0       | 5.2       | 6.5       | 5.6       |
| Boundary   | 2.3       | 5.0       | 7.9       | 5.3       | 2.8       | -         | 2.6       | 2.5       | 2.4       | 2.5       |
| Butte      | 12.0      | -         | -         | -         | -         | -         | -         | -         | -         | -         |
| Camas      | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         |
| Canyon     | 5.9       | 6.2       | 6.5       | 6.6       | 5.4       | 5.5       | 5.7       | 6.5       | 8.1       | 7.7       |
| Caribou    | 7.8       | 3.7       | 3.7       | 3.7       | 7.1       | 13.8      | 9.6       | 9.9       | 9.8       | 9.9       |
| Cassia     | 10.0      | 7.3       | 7.9       | 5.2       | 5.1       | 4.1       | 3.2       | 4.8       | 7.4       | 8.4       |
| Clark      | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         |
| Clearwater | 21.5      | 5.3       | 4.9       | 9.6       | 10.5      | 5.1       | -         | -         | -         | 4.5       |
| Custer     | -         | -         | -         | -         | -         | -         | -         | -         | -         | 8.4       |
| Elmore     | 5.1       | 6.4       | 6.3       | 5.7       | 5.6       | 6.5       | 6.4       | 8.1       | 8.0       | 9.8       |
| Franklin   | 3.5       | 3.5       | 3.4       | 5.1       | 3.3       | 3.3       | 4.5       | 4.5       | 3.0       | -         |
| Fremont    | 5.5       | 5.4       | 5.2       | 6.8       | 6.4       | 3.1       | -         | -         | 1.5       | 4.4       |
| Gem        | 11.4      | 11.6      | 8.3       | 3.4       | -         | 1.8       | 3.4       | 3.1       | 1.4       | 4.1       |
| Gooding    | 14.3      | 8.2       | 8.3       | 8.4       | 11.1      | 7.1       | 6.6       | 6.5       | 8.2       | 8.2       |
| Idaho      | 6.4       | 10.8      | 10.7      | 6.5       | 6.2       | 6.3       | 8.0       | 4.0       | 2.1       | 2.2       |
| Jefferson  | 1.5       | 2.1       | 4.9       | 6.1       | 5.3       | 7.0       | 7.3       | 8.0       | 4.5       | 3.5       |
| Jerome     | 13.3      | 12.3      | 15.0      | 9.1       | 4.9       | 8.7       | 12.3      | 13.0      | 7.9       | 5.8       |
| Kootenai   | 4.8       | 4.1       | 4.6       | 5.1       | 4.7       | 3.5       | 3.4       | 4.3       | 5.1       | 5.6       |
| Latah      | 7.5       | 6.7       | 6.0       | 6.7       | 8.9       | 9.5       | 7.9       | 4.3       | 3.0       | 0.8       |
| Lemhi      | 12.9      | 14.0      | 10.8      | 5.2       | 9.3       | 13.3      | 8.7       | 4.3       | -         | -         |
| Lewis      | -         | -         | -         | -         | 8.1       | 8.5       | 15.9      | 7.6       | 7.8       | -         |
| Lincoln    | 4.9       | 4.5       | 14.0      | 13.3      | 12.4      | -         | -         | -         | -         | -         |
| Madison    | 3.0       | 2.4       | 3.3       | 3.4       | 4.4       | 5.2       | 5.7       | 6.6       | 5.4       | 5.4       |
| Minidoka   | 5.4       | 5.2       | 9.0       | 9.0       | 8.0       | 2.1       | 1.0       | 4.0       | 6.0       | 5.0       |
| Nez Perce  | 3.4       | 6.3       | 7.5       | 7.7       | 5.6       | 5.2       | 3.6       | 7.4       | 10.9      | 14.8      |
| Oneida     | -         | 6.9       | 7.1       | 6.8       | -         | -         | -         | -         | -         | -         |
| Owyhee     | 4.7       | 4.9       | 7.2       | 7.2       | 4.7       | 4.7       | 9.0       | 12.6      | 12.1      | 12.0      |
| Payette    | 4.5       | 5.5       | 9.8       | 9.7       | 9.4       | 5.1       | 6.0       | 8.6       | 8.6       | 12.7      |
| Power      | 10.0      | 7.4       | 7.1       | 2.5       | 2.5       | 2.6       | 2.4       | 4.8       | 4.8       | 5.1       |
| Shoshone   | 4.4       | 2.2       | 2.5       | -         | 5.6       | 5.3       | 7.6       | 8.0       | 10.7      | 10.9      |
| Teton      | 4.5       | 8.9       | 11.1      | 8.4       | 4.0       | 3.7       | 5.2       | 4.8       | 3.6       | 2.0       |
| Twin Falls | 3.0       | 4.2       | 3.3       | 4.7       | 5.8       | 7.4       | 9.1       | 8.8       | 8.9       | 7.0       |
| Valley     | 3.7       | 3.8       | -         | -         | -         | 3.6       | 2.9       | 2.6       | -         | 3.2       |
| Washington | -         | -         | -         | -         | -         | -         | -         | -         | 2.6       | 7.4       |

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

**IDAHO RESIDENT STILLBIRTHS**  
**Number of Stillbirths and Ratios<sup>1</sup>**  
**2012-2016**

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

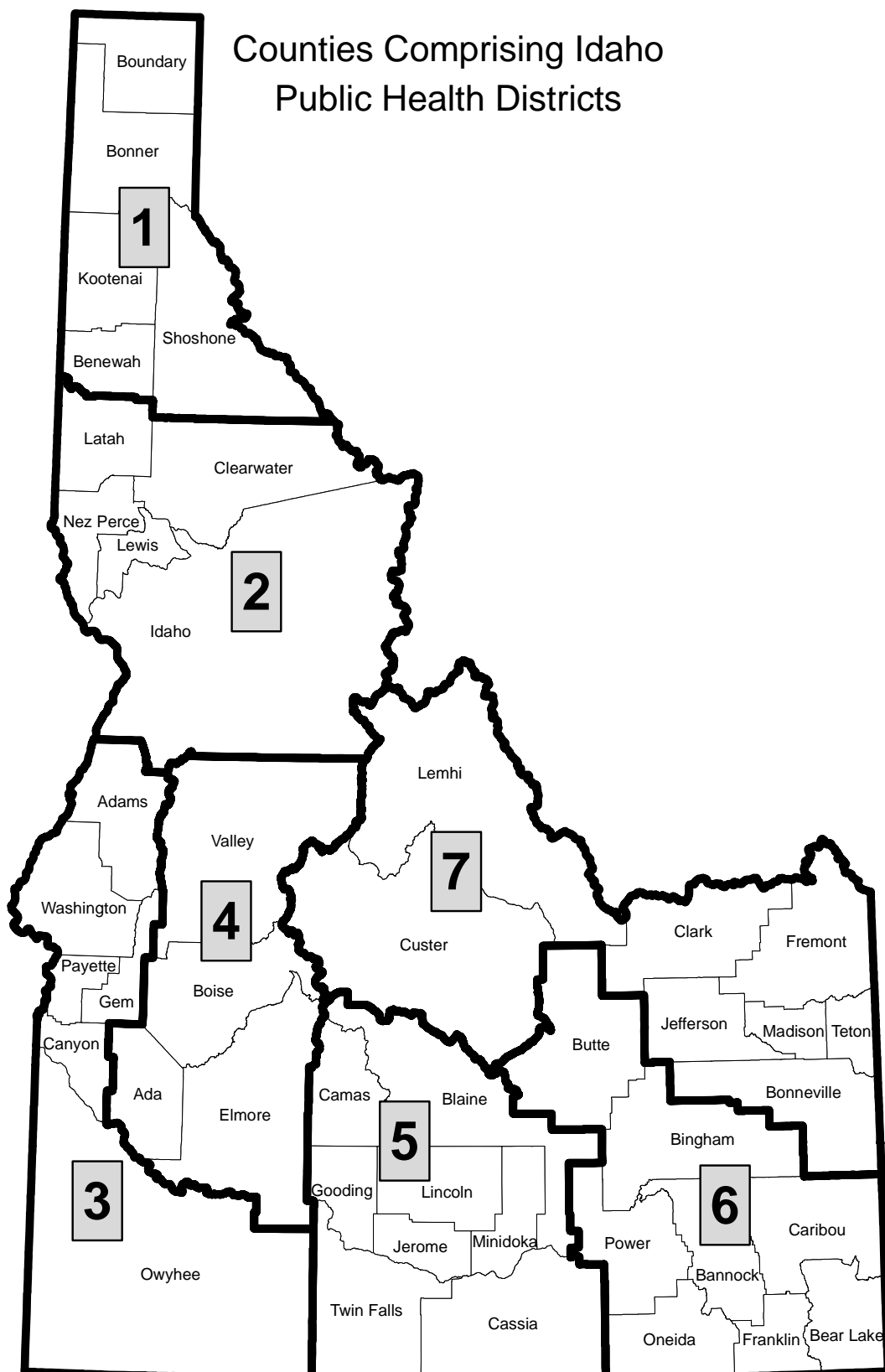
<sup>1</sup>Stillbirth ratios are stillbirths per 1,000 live births.

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

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

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

## Counties Comprising Idaho Public Health Districts



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

## TECHNICAL NOTES- MORTALITY

### Race of Decedent

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

The bridging procedure is similar to the procedure used to bridge multiracial population estimates. Decedents of multiple race are assigned to a single race using a coding algorithm according to their combination of races, Hispanic origin, sex, and age indicated on the death certificate. The Center for Disease Control's website describes the procedure for converting multiple race categories to a bridged race code ([www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm](http://www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm)). For Idaho residents who died in Idaho, mortality data by race are based on single race categories and, when multiple races were selected, bridged race codes. For Idaho residents who died out-of-state, mortality data by race are based on single race categories. Bridged race codes were not provided by NCHS to Idaho for out-of-state death certificates with multiple races selected. In 2016, this included three Idaho resident deaths that occurred out-of-state. These residents were classified as Other Race/Multiple Race for data analysis.

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

| Year | Death Occurred in Idaho |             |               | Death Occurred Out-of-State |             |               |
|------|-------------------------|-------------|---------------|-----------------------------|-------------|---------------|
|      | Total                   | Single Race | Multiple Race | Total                       | Single Race | Multiple Race |
| 2014 | 12,020                  | 11,968      | 52            | 590                         | 587         | 3             |
| 2015 | 12,419                  | 12,367      | 52            | 612                         | 608         | 4             |
| 2016 | 12,748                  | 12,687      | 61            | 622                         | 619         | 3             |

### Other Race

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

Prior to 2003, few deaths were categorized as Other Race. For example, in 2002, there were four residents' deaths reported as Other Race. Due to the change in the death certificate and the methodology for coding race, the number of records with Other Race was 76 in 2014, 72 in 2015, and 70 in 2016.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Years of Potential Life Lost (YPLL)**

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

For example, in 2016, Accidents was the fourth-leading cause of death of Idahoans and accounted for 6.3% of all resident deaths. However, Accidents was the leading cause of premature death under age 75 and accounted for 10.3% of all deaths to persons under the age of 75 in 2016. In order to calculate YPLL, a standard must be chosen (e.g., age 75) as a reference point for years of life lost. The number of years of life lost is then calculated for each person dying before the standard age. Assume a standard of 75 years of age is chosen. For calculation purposes, all people are considered half way through the year of their age at death. For example, an infant who dies under one year of age is considered 0.5 years of age at death, and a child who dies at age one-between its first and second birthday- is considered 1.5 years of age, and so forth. Therefore, a person dying at 39 has lost 35.5 years of life relative to the standard (i.e., 75 years – 39.5 years = 35.5 years). To obtain YPLL, the number of years of life lost for each person in the population dying before the standard age is summed.

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

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

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

## Drug-Induced

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

## Population

### Race

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

The files released from the U.S. Census Bureau for April 1, 2010 Census contain data for single race categories (including Other Race category) and a Multiple Race category. This presents problems for vital rates from two standpoints. First, the file contains counts of persons with more than one race and therefore is not compatible with states' vital statistics numerators based on single race categories; second, the file contains the Other Race category that is not used to calculate national vital statistics rates. For national vital statistics, Other Race is assigned to one of the four main race categories.

| Standard Race Categories on April 1, 2010 Census for Idaho |           |        |
|--|-----------|--------|
| Race   | Number    | %      |
| Total  | 1,567,582 | 100.0% |
| White  | 1,396,487 | 89.1%  |
| Black  | 9,810     | 0.6%   |
| American Indian/Alaska Native                              | 21,441    | 1.4%   |
| Asian  | 19,069    | 1.2%   |
| Native Hawaiian/Pacific Islander                           | 2,317     | 0.1%   |
| Other Race   | 79,523    | 5.1%   |
| Multiple Race  | 38,935    | 2.5%   |

NCHS contracted with the Census Bureau to produce a bridged data set in which all multiple race persons are allocated to a single race, to reproduce what these people would have reported had they not had the option to report more than one race. On June 26, 2017, NCHS released state and county population totals for July 1, 2016. These totals are for the four race groups (White, Black, American Indian or Alaska Native, Asian or Pacific Islander) by single year of age, sex, and Hispanic origin.<sup>1</sup>



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

<sup>1</sup>The bridged-race population estimates were produced by the Population Estimates Program of the U.S. Census Bureau in collaboration with the National Center for Health Statistics (NCHS). These estimates were released on June 26, 2017. Available at: [http://www.cdc.gov/nchs/nvss/bridged\\_race/data\\_documentation.htm](http://www.cdc.gov/nchs/nvss/bridged_race/data_documentation.htm)

Costs associated with this publication are available from Idaho Department of Health and Welfare  
HW-1206 November 2017