



IDAHO VITAL STATISTICS

Natality 2018

Bureau of Vital Records and Health Statistics
Division of Public Health
March 2020

2018 IDAHO VITAL STATISTICS - NATALITY

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DEFINITIONS AND FORMULAS

Residence Data Data allocated by place of residence of the registrant, or by place of residence of the infant's mother (births, stillbirths)

Occurrence Data Data allocated by place where event occurred, regardless of the person's place of residence

Live Birth A birth that shows any sign of life after delivery

(CRUDE) BIRTH RATE -- number of live births per 1,000 population

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

FERTILITY RATE -- number of live births per 1,000 female population 15-44 years of age

$$\frac{\text{all live births}}{\text{females 15-44}} \times 1,000$$

Out-of-wedlock Birth A live birth to someone who was not married at conception, birth, or anytime between

OUT-OF-WEDLOCK RATE (percent) -- number of out-of-wedlock live births per 100 live births

$$\frac{\text{out-of-wedlock live births}}{\text{live births}} \times 100$$

Stillbirth (Teens) A spontaneous fetal death of at least 20 weeks gestation or a weight of at least 350 grams (does not include any induced abortions)

STILLBIRTH RATE -- number of stillbirths per 1,000 females within the corresponding population age group (15-19, 15-17, 18-19)

$$\frac{\text{stillbirths}}{\text{females}} \times 1,000$$

(corresponding age group)

Low Birthweight A live birth weighing under 2,500 grams (5 ½ pounds or less)

LOW BIRTHWEIGHT RATE (percent) -- number of low birthweight live births per 100 live births with stated birthweight

$$\frac{\text{low birthweight live births}}{\text{live births with stated birthweight}} \times 100$$

Induced Abortion (Teens) A legal medical procedure that is intended to terminate a pregnancy without a live birth

INDUCED ABORTION RATE -- number of induced abortions per 1,000 females within the corresponding population age group (<15, 15-19, 15-17, 18-19)

$$\frac{\text{induced abortions}}{\text{females}} \times 1,000$$

(corresponding age group)

DEFINITIONS AND FORMULAS (CONTINUED)

Induced Abortion (Teens) INDUCED ABORTION RATIO -- number of induced abortions per 1,000 live births within the corresponding population age group (<15, 15-19, 15-17, 18-19)

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

(corresponding age group)

Pregnancy (Teens) Includes the sum of live births, induced abortions, and reportable stillbirths (only those fetal deaths with a gestational period of 20+ weeks or which weigh 350+ grams)

PREGNANCY RATE – number of pregnancies (summing the number of live births, induced abortions, and reportable stillbirths) per 1,000 females within the corresponding population age group (<15, 15-19, 15-17, 18-19)

$$\frac{\text{pregnancies}}{\text{females}} \times 1,000$$

(corresponding age group)

U.S. Data In this publication, there are references to preliminary, final, and WONDER U.S. data. If the U.S. statistics are not noted as preliminary or WONDER, they are considered final. In either case, the most recent U.S. information is provided. The following definitions have been added to clarify the differences among the types of U.S. data.

U.S. WONDER Data The Wide-ranging Online Data for Epidemiological Research (WONDER) is an online database that provides multiple years of public-use U.S. resident birth data. As of March 2020, the latest U.S. WONDER data available are 2007-2018¹ for birth data.

For the latest U.S. WONDER data please visit:

<http://wonder.cdc.gov/>

U.S. Preliminary Data Preliminary U.S. vital statistics are based on events in the 50 states and the District of Columbia. The National Center for Health Statistics believes that more than 98 percent of the births occurring in this country are registered through the state vital registration system. As of March 2020, the latest U.S. preliminary data available are 2015² for birth data.

U.S. Final Data Final U.S. vital statistics are based on events in the 50 states and the District of Columbia. The National Center for Health Statistics believes that more than 99 percent of the births occurring in this country are registered through the state vital registration system. As of March 2020, the latest U.S. final data available are 2018³ for birth data.

For the latest U.S. preliminary or final data please visit:

<https://www.cdc.gov/nchs/products/nvsr.htm>

1. U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Health Statistics, Division of Vital Statistics, "Births" public-use data 2007-2018.
2. "Births: Preliminary Data for 2015," National Vital Statistics Reports, National Center for Health Statistics, Vol. 65 No. 3, June 2, 2016.
3. "Births: Final Data for 2018," National Vital Statistics Reports, National Center for Health Statistics, Vol. 68, No. 13, November 27, 2019.

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.

Birth and Stillbirth Certificates

Registration of births is a legal requirement. Most certificates of births occurring at Idaho hospitals are filed electronically. A stillbirth certificate must be filed for all spontaneous fetal deaths of at least 20 weeks gestation or with a weight of at least 350 grams.

Unless otherwise stated, 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 United States for resident exchange of copies of birth and stillbirth certificates. For data analysis, the cut-off date for 2018 birth records was February 4, 2020 and the cut-off date for 2018 stillbirth records was October 1, 2019. Records may be sent to Idaho or amended after these dates; they are included in the vital records mainframe database, but are not included or amended in the database for statistical analysis.

Induced Abortion Certificates

The reporting of induced abortions occurring in Idaho has been required by state statute since July 1, 1977. In 1984, an interstate data exchange program for abortion data was initiated nationwide, whereby Idaho obtains non-identifying information about abortions occurring to Idaho residents in other states. Data in this report are provided for both Idaho resident abortions, regardless of where the procedure occurred, and abortions occurring in Idaho to either Idaho residents or non-residents. For data analysis, the cut-off date for 2018 induced abortion records was January 27, 2020. Records may be sent to Idaho or amended after this date; they are included in the vital records mainframe database, but are not included or amended in the database for statistical analysis.

Miscarriage Certificates

Miscarriages are defined as a spontaneous or accidental death of an unborn infant in utero other than by induced abortion or stillbirth. These certificates are voluntarily registered by request of the family when the miscarriage is verified by a physician. Because miscarriage certificates are registered voluntarily and are not registered for every miscarriage event, statistics are not reported for these events.

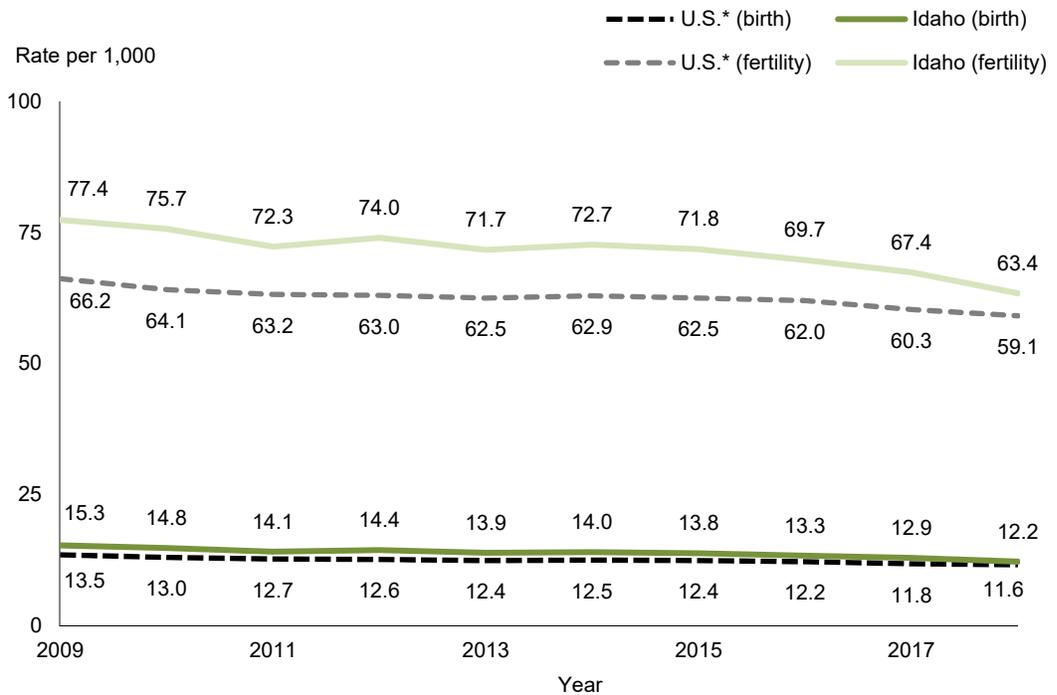
NATALITY

U.S. and Idaho

The total number of live births for the U.S in 2018¹ was 3,791,712, a decrease of 1.7 percent from 2017² (3,855,500 births). Since 2007, there was a steady decline in birth rates until 2014 which had a 0.8 percent increase followed by further decline after 2014. The 2018¹ U.S. birth rate was 11.6 per 1,000 population, compared with 11.8 in 2017¹ and 12.2 in 2016³. U.S. fertility rates followed a similar trend as U.S. birth rates, decreasing after 2007 and increasing in 2014, followed by a further decline after 2014. The U.S. 2018¹ fertility rate was 59.1 per 1,000 females aged 15-44, decreasing from 60.3 in 2017¹ and 62.0 in 2016³.

Following decades of consistently higher birth and fertility rates, Idaho's birth rates fell considerably in the 1980's to converge with the U.S. rate in 1988 for the first time. After three years below the U.S. rate, Idaho's birth rate rose above the U.S. birth rate from 1992 through 2018. The birth rate for Idaho in 2018 was 12.2, a 5.5 percent decrease from 12.9 in 2017, and an 8.6 percent decrease from 13.3 in 2016. The 2018 fertility rate for Idaho was 63.4 per 1,000 females aged 15-44, a 5.9 percent decrease from 67.4 in 2017, and a 9.1 percent decrease from 69.7 in 2016. The number of births decreased by 753 births (3.4 percent), from 22,159 births in 2017 to 21,406 in 2018.

RESIDENT LIVE BIRTH AND FERTILITY RATES U.S. and Idaho 2009-2018



* 2008 through 2018 U.S. fertility and birth rates are based on final data; taken from the National Center for Health Statistics, National Vital Statistics Reports.

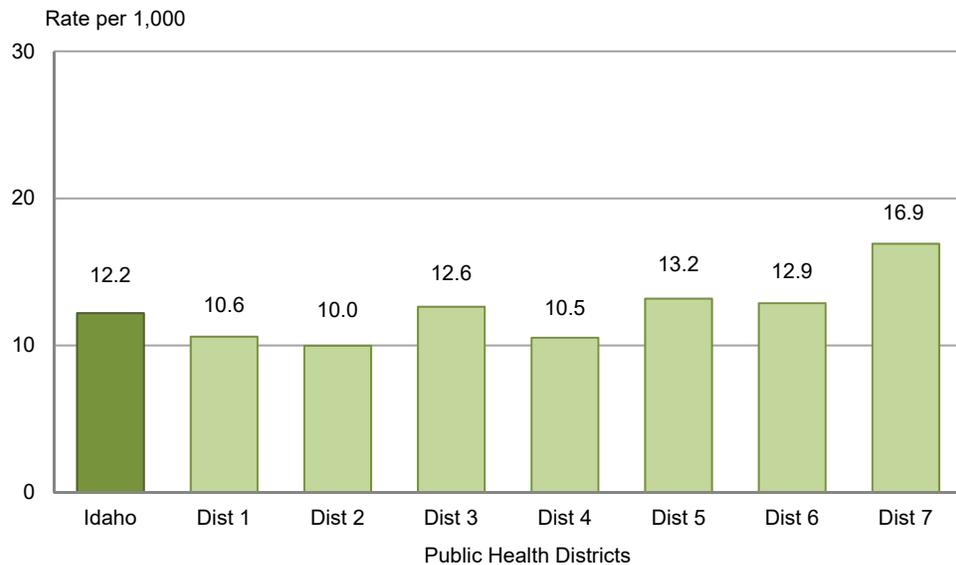
Birth rate: Number of live births per 1,000 population.

Fertility rate: Number of live births per 1,000 female population 15-44 years of age.

U.S. and Idaho

Idaho live birth rates in 2018 ranged from a low of 10.0 per 1,000 population in District 2 and a high of 16.9 per 1,000 in District 7. From 2017 to 2018, all Idaho Districts experienced a decrease in birth rates. District 4 had the smallest rate decrease (3.2 percent) from 10.9 in 2017 to 10.5 in 2018 followed by District 1 (4.0 percent) from 11.0 in 2017 to 10.6 in 2018. District 2 had the largest rate decrease (8.0 percent) from 10.9 in 2017 to 10.0 in 2018 followed by District 3 (6.9 percent) from 13.6 in 2017 to 12.6 in 2018.

IDAHO RESIDENT LIVE BIRTH RATES Idaho and Districts 2018



Race and Ethnicity of Mother

Beginning in 2004, more than one race and ethnicity may be reported for the mother, and mother's race data were collapsed into six race categories: White, Black, American Indian or Alaska Native, Asian or Pacific Islander, other race, or race not stated. Ethnicity data were collapsed into Hispanic, non-Hispanic, or ethnicity not stated. In 2018, 88.5 percent of Idaho mothers were White, 1.5 percent were Black, 1.5 percent were American Indian or Alaska Native, 2.2 percent were Asian or Pacific Islander, and 6.3 percent reported other race. A total of 16.6 percent of mothers were of Hispanic origin and 83.4 percent were non-Hispanic.

Race and Hispanic origin are reported separately on the certificate; mothers of Hispanic origin may be of any race. The method in which race data are categorized changed in 2004 with the use of the new birth certificate, and data in 2018 are not comparable with race data prior to 2004. In Idaho, if mother's race is reported as "other race" and "Hispanic" or "Mexican" is specified as the race, then mother's race remains coded to "other race". Not all states follow this method of coding mother's race. In some states, if mother's race is reported as "Hispanic" or "Mexican", the race is coded as white. Because not all states report race and ethnicity to the National Center for Health Statistics (NCHS) in the same manner, Idaho race data are not comparable with national data. See Technical Notes for more information.

Age of Mother	The mean age of all Idaho resident mothers was 28 years in 2018. For the 7,359 first-time Idaho mothers with known age, the mean age was 25 years in 2018, compared with 26.9 years for first-time mothers in the U.S. in 2018 ¹ . The ages for first-time mothers ranged from 14 to 48 in Idaho in 2018. Most Idaho births, 56.5 percent, were to mothers aged 20 to 29 in 2018, a decrease from 57.2 percent in 2017. Teens aged less than 20 accounted for 4.6 percent of all live births in 2018, a decrease from 5.0 percent in 2017. A total of 39.0 percent of mothers were aged 30 or older in 2018, an increase from 37.8 percent in 2017.
Education of Mother	In 2004, education data collected on the birth certificate were revised to report the highest degree or level of school completed at the time of delivery. Prior to 2004, the number of years of school completed was reported on the Idaho birth certificate. In 2018, 10.4 percent of mothers were not high school graduates and 89.6 percent of mothers were high school graduates, had their GED or attained a higher level of education at the time of delivery. Of the Idaho mothers aged less than 18 years, 86.9 percent had not yet received their high school diploma. A total of 37.3 percent of mothers aged 18 and 19 had not received their diploma and 8.6 percent of mothers aged 20 and older had not received their diploma at the time of delivery in 2018.
Birth Attendant	<p>Please note, birth attendant data in 2018 is unavailable at the time of this publication and will be published on a future date. The unavailability of data is due to a restructuring of the birth attendant categories within the mainframe database housing vital statistics birth data to match Idaho’s Bureau of Occupational License birth attendant categories.</p> <p>The category “licensed midwife” was added to the Idaho birth certificate in 2010. A lay midwife can become a licensed midwife in Idaho by meeting the requirements established by the Idaho Bureau of Occupational Licenses under the auspices of the State Board of Midwifery. Successful applicants are required to provide proof of certification as a Certified Professional Midwife and successful completion of board approved courses in pharmacology, the treatment of shock/IV therapy and suturing specific to midwives.</p>
Place of Birth	A total of 3.8 percent (821) of Idaho's 2018 resident births occurred in a non-hospital setting. Most of the out-of-hospital births occurred at a residence (480 or 2.2 percent) or a freestanding birthing center (306 or 1.4 percent). In 2018, a total of 22 infants were born en route to a hospital.
Prenatal Care	In 2004, the prenatal care item was revised from collecting the month prenatal care began to collecting the date of the first prenatal care visit and prenatal care data on the revised certificate are based on the first prenatal care visit date, the length of gestation, and the date of birth. In 2014, the NCHS made a transition in the measurement used to determine length of gestation which affected prenatal care data. Prior to 2014, the length of gestation was based on the date of the mother’s last normal menses and the infant’s date of birth. Beginning in 2014, length of gestation is based on the obstetric estimate (OE) at the time of birth ⁴ . Prenatal care data based on the two different measurements are not comparable. Using the OE, the onset of prenatal care is measured using the infant’s birthdate minus the number of day’s length of gestation to determine the beginning OE date. The number of days between the beginning of the OE date and the date of the first prenatal care visit is used to determine the trimester prenatal care began. The impact of using the OE to measure Idaho’s prenatal care

Prenatal Care data was an approximate 3 percentage point increase in the percentage of births to women receiving prenatal care in the first trimester. Using the OE, the percentage of mothers receiving prenatal care in the first trimester was 79.8 percent in 2018, 78.3 percent in 2017, and 77.7 percent in 2016.

Low birthweight and Preterm Births Nationally, 8.3 percent of births were low birthweight (< 2,500 grams or 5 lb. 8 oz.) in 2018¹, which is no change from 2017². Among Idaho residents, the percent of low birthweight live births increased from 7.0 percent in 2017 to 7.3 in 2018. In 2014, the NCHS made a transition for determining length of gestation for the infant. Prior to 2014, the length of gestation was calculated using date of the last menses and the date of birth; beginning in 2014, the length of gestation is determined by the obstetrical estimate (OE). These two measurements are not comparable. Births are less likely to be classified as preterm using the OE. Final 2018¹ U.S. data based on the OE indicates 10.0 percent of live births were preterm (36 or fewer completed weeks gestation). The percent of preterm infants was 9.1 percent in Idaho in 2018, 8.8 percent in 2017, and 8.9 percent in 2016 using the obstetric estimate. There is a correlation between low birthweight babies and preterm births. Of the 1,934 babies born preterm in Idaho for 2018, 1,071 (55.4 percent) were born low birthweight compared with 485 (2.5 percent) born low birthweight among babies born to term (37 or more weeks gestation).

The NCHS report called “Measuring Gestational Age in Vital Statistics Data: Transitioning to the Obstetric Estimate” can be found:

http://www.cdc.gov/nchs/data/nvsr/nvsr64/nvsr64_05.pdf

Plurality In 2018, there were 20,693 singletons, 701 twins and 12 triplets or higher-order births. The percent of low birthweight infants was 5.6 percent for singletons, 55.2 for twins, and 100.0 percent for triplets or higher-order births in 2018. The Idaho preterm rate was 7.2 percent for singletons, 61.5 percent for twins, and 100.0 percent for triplets or higher-order births in 2018.

WIC: Supplemental Nutritional Program for Women, Infants, and Children In 2018, 28.2 percent of live births were to mothers who received WIC food for themselves during pregnancy, compared with 30.5 percent of births in 2017. By district of residence, the percentage of mothers who participated in WIC ranged from a low of 18.5 percent in District 4, to a high of 33.6 percent in District 6. Mothers aged less than 20 were twice as likely to receive WIC food (60.5 percent) than mothers aged 20 and older (26.7 percent). Unmarried mothers were twice as likely to receive WIC food (48.5 percent) than married mothers (20.1 percent).

Breastfeeding A total of 91.9 percent of Idaho infants were breastfed at birth in 2018. Mothers under the age of 20 were less likely to have breastfed at the time of birth (89.3 percent) than mothers aged 20 and older (92.1 percent). Fewer unmarried mothers breastfed at birth (86.9 percent) than married mothers (93.8 percent).

Out of Wedlock	In Idaho, the total number of births decreased 3.4 percent from 2017 to 2018, while the number of out-of-wedlock births decreased 7.2 percent from 6,204 (28.0 percent) in 2017 to 5,758 (26.9 percent) in 2018. In Idaho, the percentage of births to unmarried mothers ranged from 17.8 percent among Asian or Pacific Islander mothers to 58.3 percent among American Indian or Alaska Native mothers. Nationally, the percent of all births to unmarried women was 39.6 in 2018 ¹ which is a slight decrease from 39.8 percent in 2017 ² .
Risk Factors	The section on the Idaho birth certificate for maternal risk factors was revised in 2014. In 2014, the question for vaginal bleeding was removed, and a question on eclampsia was added. Also added were specific questions regarding infertility treatment on the use of drugs, insemination, and assisted reproductive technology. In 2018, a total of 6,090 births (28.5 percent) were to Idaho mothers with at least one risk factor during pregnancy. The most common risk factor to mothers was previous cesarean delivery (2,736) followed by gestational hypertension (1,655) and gestational diabetes (1,110).
Infections	There are 12 infections listed on the Idaho birth certificate, plus a category for “other” infections present and/or treated during this pregnancy. The most common infection reported was group B streptococcus; 3,491 or 16.3 percent of births were to mothers with or treated for group B streptococcus. Among births with known data for infection status, 4,611 (21.6 percent) births were to mothers with at least one infection present and/or treated during pregnancy in 2018.
Maternal Morbidity	Maternal morbidity is defined on the Idaho birth certificate as complications associated with labor and delivery. A total of 1.6 percent of Idaho births (333) were to mothers with one or more complications of labor and delivery reported on the birth certificate in 2018. The leading complications reported were: third or fourth degree perineal laceration (182 births), maternal transfusion (82 births), and unplanned operating room procedure following delivery (77 births).
Characteristics of Labor and Delivery	The most common characteristics of labor and delivery reported in 2018 were: epidural or spinal anesthesia during labor (15,642 births or 73.1 percent), induction of labor (7,176 births or 33.5 percent), augmentation of labor (5,671 births or 26.5 percent), and antibiotics received by mother during labor (5,141 or 24.0 percent).
Abnormal Conditions of the Newborn	One in six newborns had at least one abnormal condition reported on the 2018 birth certificate (3,382 or 15.8 percent). The most common abnormal condition reported was Neonatal Intensive Care Unit (NICU) admission (2,447), followed by assisted ventilation required immediately following delivery (1,623), and newborn received antibiotics for suspected neonatal sepsis (617 births).
Congenital Anomalies of the Newborn	The section on the Idaho birth certificate for congenital anomalies of the newborn was revised in 2018 to include the category of ‘Microcephaly’. A total of 137 Idaho newborns had one or more congenital anomalies in 2018. A total of 47 births reported cyanotic congenital heart disease and 21 births reported cleft lip with or without cleft palate. 20 births were reported for three different anomalies that include: suspected other chromosomal disorders (2 had confirmed karyotype disorders), down syndrome (9 had karyotype confirmed), and Hypospadias.

Cigarette Smoking

A total of 2,354 (11.0 percent) mothers reported smoking in the three months prior to pregnancy in 2018; of those, 669 (28.4 percent) reported they did not smoke anytime during pregnancy. Among the females who smoked during pregnancy, 7.8 percent reported smoking during the first three months of pregnancy; 6.3 percent reported smoking during the second three months of pregnancy; and 5.9 percent reported smoking during the third three months of pregnancy. Overall, 1,715 (8.3 percent) live births were to Idaho mothers who reported smoking any time during pregnancy. The percentage of mothers who reported smoking any time during pregnancy ranged from a low of 4.9 percent in District 7 to a high of 11.4 percent in District 1.

By age group, ages 18-19 had the highest percentage of mothers who smoked during pregnancy (17.6 percent) and those 45 or older had the lowest percentage of mothers who smoked (3.6 percent). By race, American Indian or Alaska Native mothers had the highest percentage who smoked (13.6 percent) and mothers of “other race” had the lowest percentage of those who smoked (2.8 percent). Non-Hispanic mothers were twice as likely to smoke during pregnancy (8.8 percent) than Hispanic mothers (4.4 percent) in 2018.

In 2018, 7.3 percent of all live births were low birthweight. Of the 1,715 births to women who smoked during pregnancy, 13.5 percent infants were low birthweight compared with 6.7 percent of infants born low birthweight to nonsmokers.

Method of Delivery

In 2018, the Idaho resident birth rate for vaginal, non-VBAC (vaginal deliveries after a cesarean) births was 73.2 deliveries per 100 births; the total birth rate for vaginal deliveries in Idaho was 76.0 per 100 births, higher than the national¹ rate of 68.1 per 100 births. Conversely, in 2018, Idaho’s total cesarean rate (24.0 deliveries per 100 births) was lower than the national¹ rate of 31.9 per 100 births. Rates for VBACs and repeat cesareans are based on mothers with a previous cesarean. Idaho’s VBAC rate was 22.2 deliveries per 100 births to females with previous cesarean, and the repeat cesarean rate for Idaho was 77.8 per 100 births to females with a previous cesarean.

Method of Payment

In 2018, 54.7 percent of deliveries were paid by private insurance in Idaho compared with 53.6 percent in 2017. In 2018, 35.0 percent of births were paid by Medicaid compared with 37.0 percent in 2017. A total of 6.1 percent of births were reported as self-pay and a total of 2.7 percent of births were paid by other governmental agencies. A total of 1.5 percent of births had “other” payment source or did not have any payment source reported for the delivery. The payment source for delivery may change after the birth certificate is filed with the state.

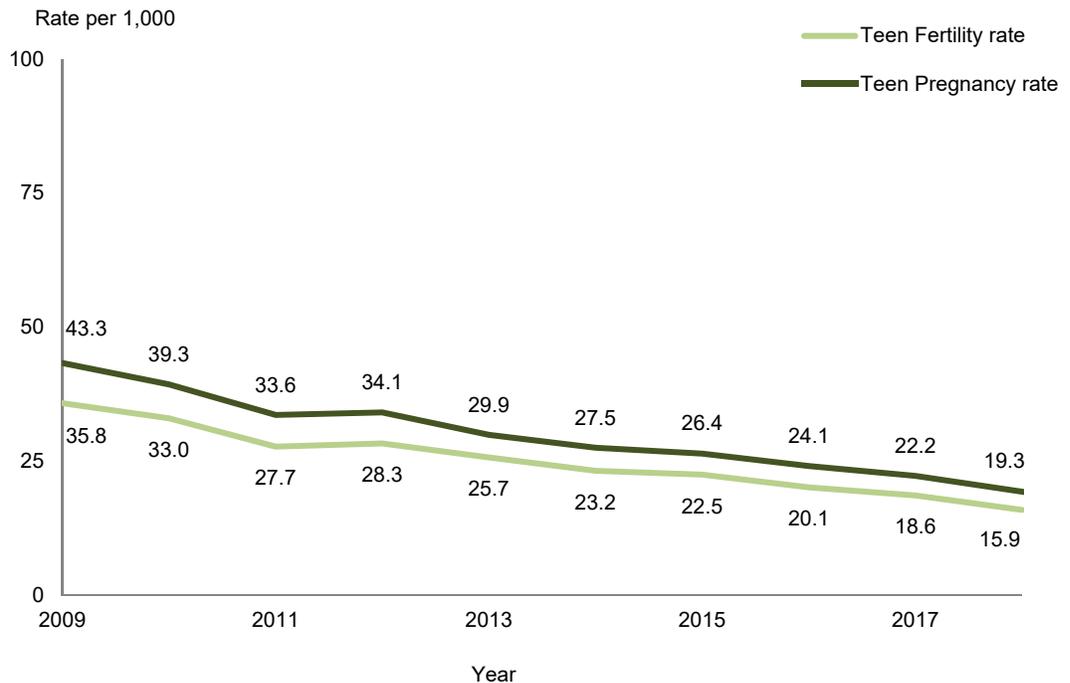
Body Mass Index (BMI)

Pre-pregnancy Body Mass Index (BMI) is a measure of weight and height before the woman became pregnant (see Technical Notes for classifications). In 2018, 9,366 (44.4 percent) births were to mothers classified as normal weight while 5,542 (26.2 percent) births were to women who were classified as being overweight and 5,589 (26.5 percent) births were to mothers who were obese prior to pregnancy.

Teen Pregnancy and Fertility

Reportable pregnancies include live births, abortions, and stillbirths. During the past decade among Idaho resident females aged 15-19, there has been a steady decline in teen pregnancy numbers (from 2,458 in 2009 to 1,177 in 2018) and rates (from 43.3 per 1,000 in corresponding age group in 2009 to 19.3 in 2018). In 2018, the 1,177 reportable pregnancies among Idaho females aged 15-19 included 971 live births, 202 abortions, and 4 stillbirths. The percentage of decline in pregnancy rates for this teen age group from 2016 to 2017 was 7.7 percent and from 2017 to 2018 was 13.1 percent. There has also been a steady decline in the annual teen fertility rates among Idaho resident females aged 15 to 19 beginning in 2008 and continuing to 2018, except for a slight increase in 2012 (2.2 percent). The fertility rate in 2018 for those aged 15-19 was 15.9 per 1,000 females in corresponding age group, a 14.2 percent decrease from the 18.6 rate in 2017. Moreover, the fertility rate for this same teen age group decreased from 20.1 in 2016 to 18.6 in 2017, a decline of 7.5 percent.

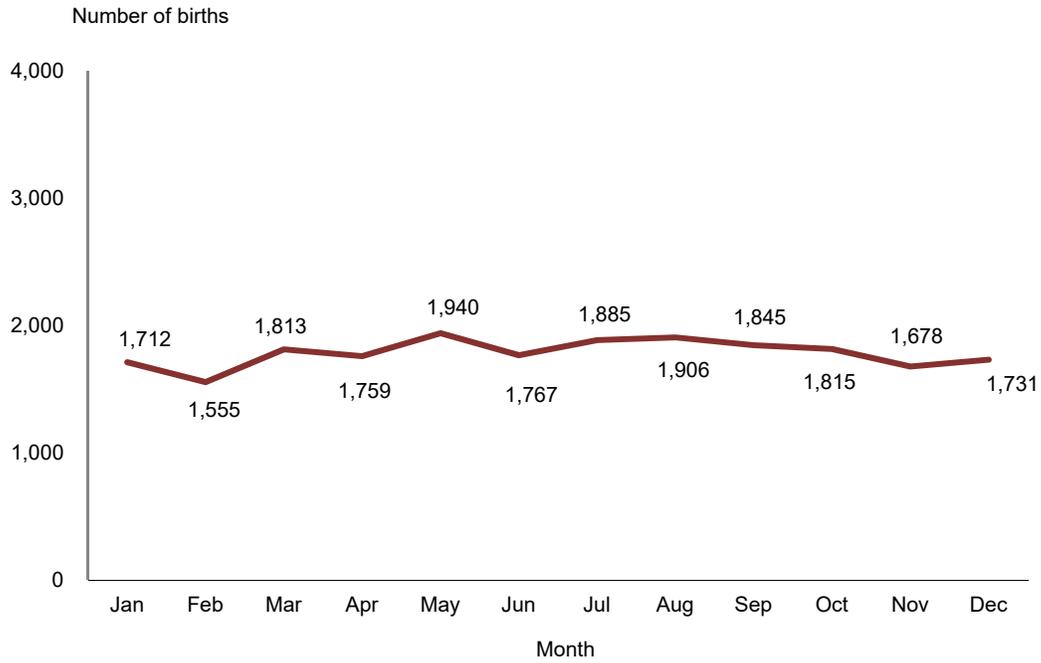
**IDAHO RESIDENT PREGNANCY* AND FERTILITY RATES
Teens Aged 15-19
2009-2018**



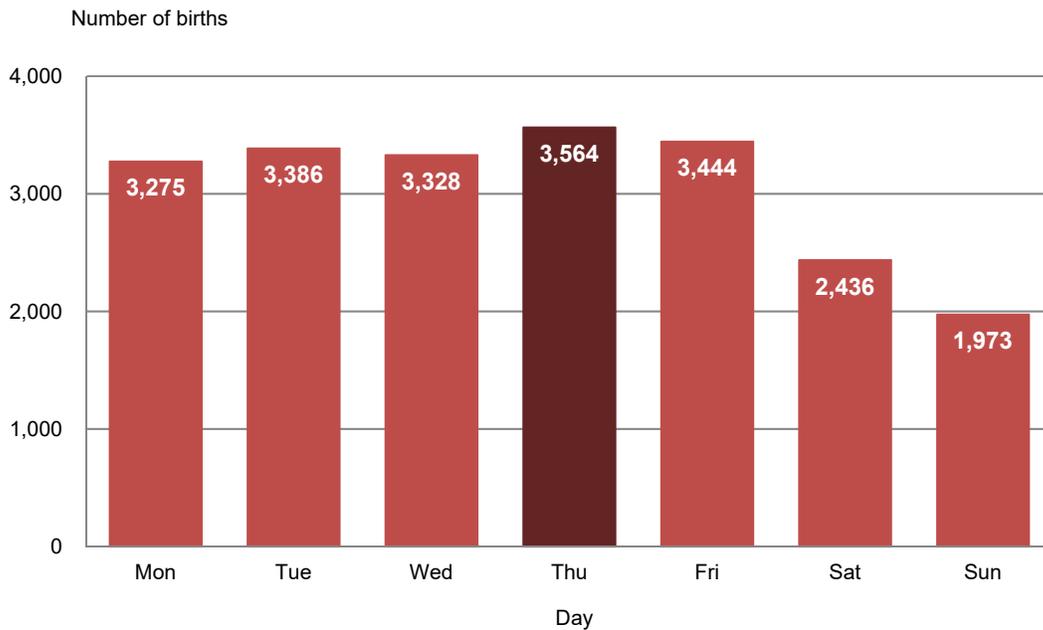
* Pregnancy rates include live births, induced abortions, and reportable stillbirths (only those fetal deaths with a gestational period of 20+ weeks or which weigh 350+ grams are required to be reported under Idaho law.)
 Note: Teen pregnancy rate: Number of pregnancies per 1,000 females aged 15-19.
 Teen fertility rate: Number of live births per 1,000 females aged 15-19.

1. "Births: Final Data for 2018" [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 68, No. 13, November 27, 2019.
2. "Births: Final Data for 2017" [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 67, No. 8, November 7, 2018.
3. "Births: Final Data for 2016" [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 67, No. 1, January 31, 2018.
4. "Measuring Gestational Age in Vital Statistics Data: Transitioning to the Obstetric Estimate" National Center for Health Statistics, Vol. 64/No. 5, June 1, 2015.

IDAHO RESIDENT LIVE BIRTHS Births by Month 2018



IDAHO RESIDENT LIVE BIRTHS Births by Day 2018



IDAHO RESIDENT LIVE BIRTHS
Number of Live Births and Live Birth Rates¹
2014-2018

RESIDENCE	2018		2017		2016		2015		2014	
	Number	Rate								
U.S.	11.6		11.8		12.2		12.4		12.5	
IDAHO	21,406	12.2	22,159	12.9	22,462	13.3	22,832	13.8	22,888	14.0
District 1	2,546	10.6	2,594	11.0	2,600	11.3	2,652	11.8	2,615	11.8
District 2	1,095	10.0	1,178	10.9	1,175	10.9	1,219	11.4	1,180	11.0
District 3	3,674	12.6	3,845	13.6	3,911	14.1	3,965	14.6	4,005	14.9
District 4	5,432	10.5	5,456	10.9	5,625	11.5	5,679	11.9	5,751	12.3
District 5	2,625	13.2	2,772	14.1	2,821	14.5	2,777	14.4	2,789	14.6
District 6	2,254	12.9	2,364	13.7	2,445	14.4	2,556	15.1	2,579	15.3
District 7	3,780	16.9	3,950	18.0	3,885	18.0	3,984	18.8	3,969	18.9
Ada	4,861	10.3	4,832	10.6	5,023	11.3	5,118	11.8	5,128	12.0
Adams	29	6.8	31	7.5	37	9.5	26	6.8	31	8.0
Bannock	1,112	12.8	1,189	13.9	1,200	14.2	1,258	15.0	1,324	15.9
Bear Lake	77	12.7	83	13.8	90	15.1	70	11.8	90	15.1
Benewah	92	10.0	97	10.6	103	11.3	115	12.7	107	11.7
Bingham	587	12.7	603	13.1	661	14.6	734	16.3	687	15.2
Blaine	197	8.7	188	8.5	202	9.3	237	11.0	222	10.3
Boise	47	6.2	61	8.4	49	6.9	41	5.8	39	5.7
Bonner	405	9.1	425	9.8	437	10.3	378	9.0	431	10.4
Bonneville	1,815	15.5	1,872	16.3	1,910	17.0	1,969	17.9	1,875	17.3
Boundary	154	12.9	121	10.1	156	13.4	143	12.6	132	12.0
Butte	25	9.6	33	12.7	30	12.0	27	10.8	26	9.9
Camas	4	3.5	13	11.8	8	7.5	11	10.3	5	4.8
Canyon	2,918	13.1	3,057	14.1	3,129	14.8	3,174	15.3	3,227	15.9
Caribou	99	14.0	95	13.5	89	12.9	86	12.7	83	12.1
Cassia	377	15.8	392	16.6	383	16.3	345	14.7	374	15.9
Clark	11	12.9	9	10.3	7	8.1	9	10.2	10	11.5
Clearwater	65	7.4	69	8.1	72	8.5	56	6.6	58	6.8
Custer	31	7.2	38	9.1	47	11.5	35	8.6	42	10.1
Elmore	417	15.3	470	17.5	457	17.6	432	16.7	495	19.0
Franklin	194	14.1	191	14.1	202	15.1	198	15.1	176	13.5
Fremont	189	14.4	175	13.4	176	13.6	174	13.6	198	15.4
Gem	194	11.0	195	11.2	207	12.0	215	12.8	192	11.4
Gooding	182	12.0	197	13.0	227	14.9	202	13.2	202	13.4
Idaho	144	8.7	158	9.7	143	8.9	168	10.3	158	9.7
Jefferson	444	15.1	497	17.5	448	16.1	483	17.8	445	16.5
Jerome	375	15.6	364	15.4	401	17.4	422	18.5	384	16.8
Kootenai	1,733	10.7	1,809	11.5	1,756	11.4	1,856	12.3	1,795	12.2
Latah	391	9.7	450	11.4	424	10.8	466	12.0	448	11.7
Lemhi	68	8.5	78	9.9	80	10.4	88	11.4	65	8.4
Lewis	38	9.8	34	8.7	39	10.1	46	12.1	35	9.1
Lincoln	59	11.0	79	14.9	56	10.6	86	16.2	62	11.7
Madison	1,097	27.9	1,133	28.9	1,073	27.5	1,060	27.7	1,197	31.5
Minidoka	279	13.4	325	15.7	304	14.7	304	14.9	326	16.0
Nez Perce	457	11.3	467	11.6	497	12.3	483	12.1	481	12.0
Oneida	56	12.5	56	12.6	50	11.5	53	12.4	44	10.5
Owyhee	138	11.8	141	12.1	136	11.9	145	12.8	142	12.5
Payette	286	12.1	314	13.5	289	12.6	292	12.8	310	13.6
Power	104	13.4	114	15.0	123	16.1	130	17.0	149	19.6
Shoshone	162	12.7	142	11.3	148	11.9	160	12.9	150	12.1
Teton	125	10.7	148	13.0	144	13.1	166	15.7	137	13.2
Twin Falls	1,152	13.4	1,214	14.3	1,240	14.8	1,170	14.2	1,214	15.0
Valley	107	9.7	93	8.7	96	9.1	88	8.7	89	9.1
Washington	109	10.7	107	10.6	113	11.1	113	11.3	103	10.3

1. Birth rate: Number of live births per 1,000 population.

IDAHO RESIDENT LIVE BIRTHS
Sex of Newborn
2018

RESIDENCE	TOTAL LIVE BIRTHS	SEX	
		Male	Female
IDAHO	21,406	10,970	10,436
District 1	2,546	1,305	1,241
District 2	1,095	578	517
District 3	3,674	1,887	1,787
District 4	5,432	2,738	2,694
District 5	2,625	1,321	1,304
District 6	2,254	1,193	1,061
District 7	3,780	1,948	1,832
Ada	4,861	2,466	2,395
Adams	29	18	11
Bannock	1,112	587	525
Bear Lake	77	43	34
Benewah	92	50	42
Bingham	587	328	259
Blaine	197	92	105
Boise	47	13	34
Bonner	405	205	200
Bonneville	1,815	939	876
Boundary	154	77	77
Butte	25	12	13
Camas	4	2	2
Canyon	2,918	1,503	1,415
Caribou	99	48	51
Cassia	377	184	193
Clark	11	7	4
Clearwater	65	35	30
Custer	31	20	11
Elmore	417	203	214
Franklin	194	102	92
Fremont	189	99	90
Gem	194	99	95
Gooding	182	104	78
Idaho	144	76	68
Jefferson	444	221	223
Jerome	375	207	168
Kootenai	1,733	890	843
Latah	391	217	174
Lemhi	68	40	28
Lewis	38	11	27
Lincoln	59	32	27
Madison	1,097	563	534
Minidoka	279	132	147
Nez Perce	457	239	218
Oneida	56	24	32
Owyhee	138	65	73
Payette	286	146	140
Power	104	49	55
Shoshone	162	83	79
Teton	125	59	66
Twin Falls	1,152	568	584
Valley	107	56	51
Washington	109	56	53

IDAHO RESIDENT LIVE BIRTHS
Race and Ethnicity of Mother
2018

RESIDENCE	TOTAL LIVE BIRTHS	RACE						ETHNICITY ²	
		White	Black	American Indian or Alaska Native	Asian or Pacific Islander	Other Race ¹	Not Stated	Non-Hispanic	Hispanic
IDAHO	21,406	18,879	318	315	479	1,349	66	17,858	3,548
District 1	2,546	2,384	13	58	32	49	10	2,426	120
District 2	1,095	999	13	44	20	16	3	1,047	48
District 3	3,674	3,171	25	41	53	359	25	2,615	1,059
District 4	5,432	4,745	196	43	236	203	9	4,780	652
District 5	2,625	2,176	33	13	48	349	6	1,781	844
District 6	2,254	1,980	12	93	33	127	9	1,969	285
District 7	3,780	3,424	26	23	57	246	4	3,240	540
Ada	4,861	4,246	179	38	223	167	8	4,310	551
Adams	29	28	-	1	-	-	-	26	3
Bannock	1,112	981	11	60	30	30	-	1,009	103
Bear Lake	77	71	-	3	1	2	-	75	2
Benewah	92	79	-	13	-	-	-	92	-
Bingham	587	490	-	27	2	63	5	471	116
Blaine	197	146	1	1	3	41	5	120	77
Boise	47	46	-	1	-	-	-	45	2
Bonner	405	390	-	2	6	7	-	388	17
Bonneville	1,815	1,607	15	13	29	150	1	1,506	309
Boundary	154	146	-	4	1	2	1	147	7
Butte	25	25	-	-	-	-	-	23	2
Camas	4	4	-	-	-	-	-	4	-
Canyon	2,918	2,477	24	29	47	316	25	2,014	904
Caribou	99	95	-	-	-	4	-	93	6
Cassia	377	354	1	2	3	17	-	247	130
Clark	11	8	-	1	-	2	-	7	4
Clearwater	65	61	-	1	2	1	-	60	5
Custer	31	30	-	-	-	1	-	29	2
Elmore	417	349	16	3	13	35	1	326	91
Franklin	194	181	1	2	-	6	4	180	14
Fremont	189	172	1	-	3	13	-	162	27
Gem	194	177	-	-	5	12	-	175	19
Gooding	182	136	-	2	1	43	-	107	75
Idaho	144	133	2	5	1	2	1	137	7
Jefferson	444	407	3	2	4	26	2	379	65
Jerome	375	277	1	2	1	94	-	205	170
Kootenai	1,733	1,612	12	38	24	38	9	1,641	92
Latah	391	364	6	4	12	5	-	376	15
Lemhi	68	66	-	1	-	-	1	66	2
Lewis	38	32	-	2	1	1	2	36	2
Lincoln	59	37	-	-	-	21	1	26	33
Madison	1,097	1,025	7	6	18	41	-	988	109
Minidoka	279	260	1	3	-	15	-	166	113
Nez Perce	457	409	5	32	4	7	-	438	19
Oneida	56	55	-	-	-	1	-	54	2
Owyhee	138	116	1	5	-	16	-	101	37
Payette	286	271	-	5	1	9	-	214	72
Power	104	82	-	1	-	21	-	64	40
Shoshone	162	157	1	1	1	2	-	158	4
Teton	125	109	-	-	3	13	-	103	22
Twin Falls	1,152	962	29	3	40	118	-	906	246
Valley	107	104	1	1	-	1	-	99	8
Washington	109	102	-	1	-	6	-	85	24

1. Beginning in 2009, out-of-state births with more than one race are included with "Other Race"; there were 32 births with more than one race delivered out of state during 2018.
2. Race and Hispanic origin are reported separately on the birth certificate; Hispanic origin are included in appropriate race totals.

IDAHO RESIDENT LIVE BIRTHS
Age of Mother
2018

RESIDENCE	TOTAL LIVE BIRTHS	AGE OF MOTHER										
		<15	15-19			20-24	25-29	30-34	35-39	40-44	45+	Not Stated
			Total	15-17	18-19							
IDAHO	21,406	4	971	211	760	5,104	6,975	5,338	2,538	441	28	7
District 1	2,546	-	116	26	90	591	827	645	299	62	4	2
District 2	1,095	-	39	7	32	255	364	281	136	18	2	-
District 3	3,674	1	222	53	169	941	1,223	818	391	70	8	-
District 4	5,432	-	199	36	163	877	1,654	1,684	860	147	9	2
District 5	2,625	1	168	43	125	681	828	595	287	62	3	-
District 6	2,254	1	115	22	93	565	768	534	237	32	1	1
District 7	3,780	1	112	24	88	1,194	1,311	781	328	50	1	2
Ada	4,861	-	158	31	127	743	1,465	1,551	798	138	6	2
Adams	29	-	3	-	3	8	7	7	4	-	-	-
Bannock	1,112	1	56	11	45	295	367	263	111	18	-	1
Bear Lake	77	-	3	-	3	18	30	17	7	2	-	-
Benewah	92	-	6	2	4	33	25	16	10	2	-	-
Bingham	587	-	35	4	31	145	196	142	62	6	1	-
Blaine	197	-	8	2	6	25	38	53	58	14	1	-
Boise	47	-	4	1	3	2	19	12	7	1	2	-
Bonner	405	-	13	2	11	106	117	104	52	13	-	-
Bonneville	1,815	1	57	10	47	445	649	452	184	25	-	2
Boundary	154	-	8	1	7	40	42	41	18	3	2	-
Butte	25	-	-	-	-	3	15	3	4	-	-	-
Camas	4	-	-	-	-	-	-	3	1	-	-	-
Canyon	2,918	-	157	38	119	749	965	680	307	55	5	-
Caribou	99	-	5	3	2	26	32	23	11	2	-	-
Cassia	377	1	29	12	17	112	114	77	35	9	-	-
Clark	11	-	-	-	-	2	2	3	4	-	-	-
Clearwater	65	-	1	-	1	19	19	13	9	4	-	-
Custer	31	-	-	-	-	7	11	8	4	1	-	-
Elmore	417	-	33	2	31	114	139	87	37	6	1	-
Franklin	194	-	6	1	5	48	65	49	23	3	-	-
Fremont	189	-	7	1	6	62	69	32	19	-	-	-
Gem	194	-	19	2	17	45	57	41	21	9	2	-
Gooding	182	-	14	3	11	59	54	34	16	5	-	-
Idaho	144	-	5	3	2	30	49	40	17	3	-	-
Jefferson	444	-	20	8	12	106	160	102	47	8	1	-
Jerome	375	-	37	11	26	111	102	77	38	10	-	-
Kootenai	1,733	-	76	19	57	356	585	463	207	42	2	2
Latah	391	-	10	-	10	77	131	101	66	5	1	-
Lemhi	68	-	4	1	3	10	26	21	6	1	-	-
Lewis	38	-	3	1	2	12	8	14	1	-	-	-
Lincoln	59	-	5	-	5	22	16	10	6	-	-	-
Madison	1,097	-	19	3	16	546	359	122	40	11	-	-
Minidoka	279	-	15	3	12	76	111	50	24	3	-	-
Nez Perce	457	-	20	3	17	117	157	113	43	6	1	-
Oneida	56	-	4	1	3	8	19	16	8	1	-	-
Owyhee	138	1	15	6	9	41	43	25	12	1	-	-
Payette	286	-	17	4	13	71	112	47	35	3	1	-
Power	104	-	6	2	4	22	44	21	11	-	-	-
Shoshone	162	-	13	2	11	56	58	21	12	2	-	-
Teton	125	-	5	1	4	16	35	41	24	4	-	-
Twin Falls	1,152	-	60	12	48	276	393	291	109	21	2	-
Valley	107	-	4	2	2	18	31	34	18	2	-	-
Washington	109	-	11	3	8	27	39	18	12	2	-	-

IDAHO RESIDENT LIVE BIRTHS
Education of Mother
2018

RESIDENCE	TOTAL LIVE BIRTHS	HIGHEST DEGREE OR LEVEL OF SCHOOL COMPLETED						
		8th Grade or Less	9th-12th Grade, But No Diploma	GED or Diploma	Some College, No Degree (Includes Associates)	Bachelor's Degree	Master's, Doctorate or Professional Degree	Not Stated
IDAHO	21,406	414	1,803	5,430	7,626	4,673	1,359	101
District 1	2,546	20	213	733	993	415	158	14
District 2	1,095	5	64	275	377	285	87	2
District 3	3,674	130	422	1,143	1,341	486	109	43
District 4	5,432	81	362	1,003	1,767	1,534	653	32
District 5	2,625	117	329	730	979	378	92	-
District 6	2,254	21	177	862	624	452	112	6
District 7	3,780	40	236	684	1,545	1,123	148	4
Ada	4,861	70	297	857	1,539	1,443	624	31
Adams	29	-	4	10	12	2	1	-
Bannock	1,112	5	86	489	209	244	78	1
Bear Lake	77	1	3	29	36	8	-	-
Benewah	92	1	9	34	33	11	4	-
Bingham	587	9	56	179	212	108	22	1
Blaine	197	11	23	43	43	53	24	-
Boise	47	1	10	11	12	8	5	-
Bonner	405	3	37	125	151	61	25	3
Bonneville	1,815	23	151	428	657	465	90	1
Boundary	154	9	19	58	50	17	-	1
Butte	25	1	2	6	11	4	1	-
Camas	4	-	-	-	1	2	1	-
Canyon	2,918	97	327	880	1,070	408	96	40
Caribou	99	1	8	31	34	22	3	-
Cassia	377	9	54	106	136	68	4	-
Clark	11	3	1	1	1	4	1	-
Clearwater	65	1	7	20	25	8	4	-
Custer	31	-	5	8	8	8	2	-
Elmore	417	7	48	109	181	57	14	1
Franklin	194	1	11	53	88	32	5	4
Fremont	189	2	18	41	73	52	3	-
Gem	194	3	23	67	75	22	4	-
Gooding	182	13	27	60	61	17	4	-
Idaho	144	2	10	42	53	30	7	-
Jefferson	444	6	29	92	193	114	9	1
Jerome	375	24	58	117	135	30	11	-
Kootenai	1,733	7	127	460	691	312	126	10
Latah	391	2	13	76	105	142	53	-
Lemhi	68	2	4	17	24	16	5	-
Lewis	38	-	6	14	12	3	1	2
Lincoln	59	4	11	21	19	4	-	-
Madison	1,097	2	17	80	548	424	25	1
Minidoka	279	13	31	86	105	40	4	-
Nez Perce	457	-	28	123	182	102	22	-
Oneida	56	1	1	17	20	15	2	-
Owyhee	138	10	21	54	41	11	1	-
Payette	286	17	32	91	107	30	6	3
Power	104	2	10	58	14	19	1	-
Shoshone	162	-	21	56	68	14	3	-
Teton	125	2	11	17	41	40	13	1
Twin Falls	1,152	43	125	297	479	164	44	-
Valley	107	3	7	26	35	26	10	-
Washington	109	3	15	41	36	13	1	-

IDAHO RESIDENT LIVE BIRTHS
Attendant at Birth
2018

RESIDENCE	TOTAL LIVE BIRTHS	ATTENDANT AT BIRTH						
		Physician M.D., D.O.	Certified Nurse Midwife	Nurse	Licensed Midwife*	Other or Lay Midwife	Other	Not Stated
IDAHO	-	-	-	-	-	-	-	-
District 1	-	-	-	-	-	-	-	-
District 2	-	-	-	-	-	-	-	-
District 3	-	-	-	-	-	-	-	-
District 4	-	-	-	-	-	-	-	-
District 5	-	-	-	-	-	-	-	-
District 6	-	-	-	-	-	-	-	-
District 7	-	-	-	-	-	-	-	-
Ada	-	-	-	-	-	-	-	-
Adams	-	-	-	-	-	-	-	-
Bannock	-	-	-	-	-	-	-	-
Bear Lake	-	-	-	-	-	-	-	-
Benewah	-	-	-	-	-	-	-	-
Bingham	-	-	-	-	-	-	-	-
Blaine	-	-	-	-	-	-	-	-
Boise	-	-	-	-	-	-	-	-
Bonner	-	-	-	-	-	-	-	-
Bonneville	-	-	-	-	-	-	-	-
Boundary	-	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-
Canyon	-	-	-	-	-	-	-	-
Caribou	-	-	-	-	-	-	-	-
Cassia	-	-	-	-	-	-	-	-
Clark	-	-	-	-	-	-	-	-
Clearwater	-	-	-	-	-	-	-	-
Custer	-	-	-	-	-	-	-	-
Elmore	-	-	-	-	-	-	-	-
Franklin	-	-	-	-	-	-	-	-
Fremont	-	-	-	-	-	-	-	-
Gem	-	-	-	-	-	-	-	-
Gooding	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-
Jefferson	-	-	-	-	-	-	-	-
Jerome	-	-	-	-	-	-	-	-
Kootenai	-	-	-	-	-	-	-	-
Latah	-	-	-	-	-	-	-	-
Lemhi	-	-	-	-	-	-	-	-
Lewis	-	-	-	-	-	-	-	-
Lincoln	-	-	-	-	-	-	-	-
Madison	-	-	-	-	-	-	-	-
Minidoka	-	-	-	-	-	-	-	-
Nez Perce	-	-	-	-	-	-	-	-
Oneida	-	-	-	-	-	-	-	-
Owyhee	-	-	-	-	-	-	-	-
Payette	-	-	-	-	-	-	-	-
Power	-	-	-	-	-	-	-	-
Shoshone	-	-	-	-	-	-	-	-
Teton	-	-	-	-	-	-	-	-
Twin Falls	-	-	-	-	-	-	-	-
Valley	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-

* Beginning July 1, 2010, Idaho law requires that midwives accepting payment be licensed by the state.

IDAHO RESIDENT LIVE BIRTHS
Place of Birth
2018

RESIDENCE	TOTAL LIVE BIRTHS	PLACE OF BIRTH				
		Hospital*	Freestanding Birthing Center	Clinic/Doctor's Office	Home	Other
IDAHO	21,406	20,607	306	4	480	9
District 1	2,546	2,313	122	-	109	2
District 2	1,095	1,023	7	1	63	1
District 3	3,674	3,515	52	1	104	2
District 4	5,432	5,244	101	-	86	1
District 5	2,625	2,588	7	-	30	-
District 6	2,254	2,217	6	-	30	1
District 7	3,780	3,707	11	2	58	2
Ada	4,861	4,692	89	-	79	1
Adams	29	27	-	-	2	-
Bannock	1,112	1,102	-	-	10	-
Bear Lake	77	77	-	-	-	-
Benewah	92	86	-	-	6	-
Bingham	587	580	3	-	4	-
Blaine	197	194	-	-	3	-
Boise	47	44	3	-	-	-
Bonner	405	350	37	-	18	-
Bonneville	1,815	1,787	4	-	23	1
Boundary	154	127	12	-	15	-
Butte	25	25	-	-	-	-
Camas	4	4	-	-	-	-
Canyon	2,918	2,811	42	1	63	1
Caribou	99	93	-	-	6	-
Cassia	377	374	-	-	3	-
Clark	11	10	1	-	-	-
Clearwater	65	63	-	-	2	-
Custer	31	28	-	2	1	-
Elmore	417	409	4	-	4	-
Franklin	194	185	1	-	7	1
Fremont	189	187	-	-	1	1
Gem	194	182	3	-	9	-
Gooding	182	176	-	-	6	-
Idaho	144	131	1	-	12	-
Jefferson	444	423	3	-	18	-
Jerome	375	367	4	-	4	-
Kootenai	1,733	1,597	67	-	67	2
Latah	391	351	4	1	35	-
Lemhi	68	64	-	-	4	-
Lewis	38	37	-	-	1	-
Lincoln	59	58	1	-	-	-
Madison	1,097	1,087	3	-	7	-
Minidoka	279	277	-	-	2	-
Nez Perce	457	441	2	-	13	1
Oneida	56	52	2	-	2	-
Owyhee	138	124	3	-	11	-
Payette	286	268	3	-	15	-
Power	104	103	-	-	1	-
Shoshone	162	153	6	-	3	-
Teton	125	121	-	-	4	-
Twin Falls	1,152	1,138	2	-	12	-
Valley	107	99	5	-	3	-
Washington	109	103	1	-	4	1

* Babies born en route to facility are included in appropriate facility category.

IDAHO RESIDENT LIVE BIRTHS
Birth and Fertility Rates
2018 U.S. and Idaho

RESIDENCE	TOTAL LIVE BIRTHS	BIRTH RATES		FERTILITY RATES	
		Population Estimate ¹	Birth Rate ²	Estimate Females 15-44 ¹	Fertility Rate ³
U.S. ⁴	3,791,712		11.6		59.1
IDAHO	21,406	1,754,208	12.2	337,642	63.4
District 1	2,546	240,202	10.6	41,024	62.1
District 2	1,095	109,674	10.0	20,877	52.5
District 3	3,674	290,788	12.6	56,037	65.6
District 4	5,432	515,900	10.5	102,232	53.1
District 5	2,625	199,069	13.2	36,953	71.0
District 6	2,254	175,077	12.9	34,161	66.0
District 7	3,780	223,498	16.9	46,358	81.5
Ada	4,861	469,966	10.3	94,291	51.6
Adams	29	4,250	6.8	516	56.2
Bannock	1,112	87,138	12.8	18,161	61.2
Bear Lake	77	6,050	12.7	1,006	76.5
Benewah	92	9,226	10.0	1,353	68.0
Bingham	587	46,236	12.7	8,756	67.0
Blaine	197	22,601	8.7	3,683	53.5
Boise	47	7,634	6.2	1,029	45.7
Bonner	405	44,727	9.1	6,753	60.0
Bonneville	1,815	116,854	15.5	23,257	78.0
Boundary	154	11,948	12.9	1,834	84.0
Butte	25	2,611	9.6	391	63.9
Camas	4	1,127	3.5	162	24.7
Canyon	2,918	223,499	13.1	45,032	64.8
Caribou	99	7,060	14.0	1,216	81.4
Cassia	377	23,864	15.8	4,431	85.1
Clark	11	852	12.9	173	63.6
Clearwater	65	8,758	7.4	1,066	61.0
Custer	31	4,280	7.2	557	55.7
Elmore	417	27,259	15.3	5,310	78.5
Franklin	194	13,726	14.1	2,585	75.0
Fremont	189	13,168	14.4	2,338	80.8
Gem	194	17,634	11.0	2,853	68.0
Gooding	182	15,196	12.0	2,579	70.6
Idaho	144	16,513	8.7	2,090	68.9
Jefferson	444	29,439	15.1	5,671	78.3
Jerome	375	24,015	15.6	4,430	84.7
Kootenai	1,733	161,505	10.7	29,107	59.5
Latah	391	40,134	9.7	9,807	39.9
Lemhi	68	7,961	8.5	1,084	62.7
Lewis	38	3,861	9.8	525	72.4
Lincoln	59	5,360	11.0	1,009	58.5
Madison	1,097	39,304	27.9	11,128	98.6
Minidoka	279	20,825	13.4	3,720	75.0
Nez Perce	457	40,408	11.3	7,389	61.8
Oneida	56	4,488	12.5	703	79.7
Owyhee	138	11,693	11.8	2,018	68.4
Payette	286	23,551	12.1	4,099	69.8
Power	104	7,768	13.4	1,343	77.4
Shoshone	162	12,796	12.7	1,977	81.9
Teton	125	11,640	10.7	2,150	58.1
Twin Falls	1,152	86,081	13.4	16,939	68.0
Valley	107	11,041	9.7	1,602	66.8
Washington	109	10,161	10.7	1,519	71.8

1. Population source: United State Census Bureau, July 1, 2018 population estimate, Internet release June 25, 2019.

2. Birth rate: Number of live births per 1,000 population.

3. Fertility rate: Number of live births per 1,000 women 15-44 years of age.

4. U.S. birth and fertility rates are based on 2018 final data, released by the National Vital Statistics Reports, National Center for Health Statistics, Vol. 68/No. 13, November 27, 2019.

IDAHO RESIDENT LIVE BIRTHS
Live Birth Order by Age of Mother
2018

LIVE BIRTH ORDER	TOTAL LIVE BIRTHS	AGE								
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL*	21,406	4	211	760	5,104	6,975	5,338	2,538	441	28
1**	7,363	4	201	627	2,891	2,052	1,142	385	53	7
2***	6,227	-	9	113	1,571	2,362	1,476	599	93	2
3***	3,902	-	-	15	495	1,592	1,211	517	68	2
4	2,157	-	-	2	116	705	853	411	63	7
5**	964	-	-	-	19	195	419	274	52	4
6	420	-	-	-	4	47	159	165	41	4
7	155	-	-	-	-	7	45	80	22	1
8	99	-	-	-	1	5	19	57	17	-
9	35	-	-	-	-	-	5	21	9	-
10-14	45	-	-	-	-	-	5	18	21	1
15+	2	-	-	-	-	-	-	-	2	-
Not Stated**	37	-	1	3	7	10	4	11	-	-

* Total includes seven births with maternal age not stated.

** Total for live birth order of one, five, and 'Not Stated' includes one birth with maternal age not stated.

*** Total for live birth order of two and three includes two births with maternal age not stated.

IDAHO RESIDENT LIVE BIRTHS
Fertility Rates and Birth Rates by Age of Mother
2018 U.S. and Idaho

AGE GROUP	IDAHO			U.S. ²
	Total Live Births	Female Population ^{1,3}	Fertility Rate and Age-Specific Birth Rates ⁴	Fertility Rate and Age-Specific Birth Rates ⁴
TOTAL	21,406	337,642	63.4	59.1
<15 ⁵	4	63,991	0.1	0.2
15-19	971	60,898	15.9	17.4
15-17	211	37,490	5.6	7.2
18-19	760	23,408	32.5	32.3
20-24	5,104	54,669	93.4	68.0
25-29	6,975	57,963	120.3	95.3
30-34	5,338	55,431	96.3	99.7
35-39	2,538	57,138	44.4	52.6
40-44	441	51,543	8.6	11.8
45+ ⁶	28	50,397	0.6	0.9
Not Stated	7	NA	NA	NA

1. Source: U.S. Census Bureau, July 1, 2018 population estimate, Internet release date June 25, 2019.

2. U.S. rates are based on final 2018 data, released by the National Vital Statistics Reports, National Center for Health Statistics, Vol. 68/No. 13, November 27, 2019.

3. Total female population aged 15-44 NOT including women under 15 or over 44.

4. Total number of live births per 1,000 women 15-44 years of age.

5. Total female population aged 10-14; rates for females aged <15 are based on female population 10-14.

6. Total female population aged 45-49; rates for females aged 45+ are based on female population 45-49. NA: not applicable.

IDAHO RESIDENT LIVE BIRTHS
WIC Participation
2018

RESIDENCE	TOTAL LIVE BIRTHS	WIC Participation ¹	
		Number	Percent ²
IDAHO	21,406	6,002	28.2%
District 1	2,546	745	29.5
District 2	1,095	306	28.2
District 3	3,674	1,136	31.4
District 4	5,432	998	18.5
District 5	2,625	862	32.8
District 6	2,254	756	33.6
District 7	3,780	1,199	31.7
Ada	4,861	829	17.2
Adams	29	9	31.0
Bannock	1,112	396	35.6
Bear Lake	77	23	29.9
Benewah	92	38	42.7
Bingham	587	191	32.6
Blaine	197	29	14.7
Boise	47	10	21.3
Bonner	405	108	26.9
Bonneville	1,815	516	28.4
Boundary	154	43	28.3
Butte	25	5	20.0
Camas	4	-	-
Canyon	2,918	914	31.9
Caribou	99	32	32.3
Cassia	377	120	31.8
Clark	11	5	45.5
Clearwater	65	25	38.5
Custer	31	5	16.1
Elmore	417	136	32.8
Franklin	194	46	24.1
Fremont	189	67	35.4
Gem	194	54	28.0
Gooding	182	79	43.4
Idaho	144	34	23.9
Jefferson	444	117	26.4
Jerome	375	152	40.5
Kootenai	1,733	476	27.6
Latah	391	86	22.2
Lemhi	68	15	22.1
Lewis	38	18	50.0
Lincoln	59	20	33.9
Madison	1,097	456	41.6
Minidoka	279	93	33.3
Nez Perce	457	143	31.5
Oneida	56	17	30.4
Owyhee	138	39	28.5
Payette	286	84	29.4
Power	104	46	44.2
Shoshone	162	80	49.4
Teton	125	18	14.4
Twin Falls	1,152	369	32.0
Valley	107	23	21.5
Washington	109	36	33.3

1. WIC participation: Did mother get WIC food for herself during this pregnancy? WIC is a supplemental nutritional program for women, infants, and children. Data from birth certificate may differ from data from the WIC Program.
2. Percentages are based on records with known WIC participation data.

IDAHO RESIDENT LIVE BIRTHS
Infant Breastfed at the Time of Birth¹
2018

RESIDENCE	TOTAL LIVE BIRTHS	Breastfed	
		Number	Percent ²
IDAHO	21,406	19,607	91.9%
District 1	2,546	2,304	91.1
District 2	1,095	1,020	93.7
District 3	3,674	3,346	91.4
District 4	5,432	5,150	95.2
District 5	2,625	2,373	90.6
District 6	2,254	1,952	87.1
District 7	3,780	3,462	91.7
Ada	4,861	4,616	95.3
Adams	29	29	100.0
Bannock	1,112	969	87.3
Bear Lake	77	59	76.6
Benewah	92	79	85.9
Bingham	587	517	89.0
Blaine	197	191	97.0
Boise	47	46	97.9
Bonner	405	379	94.5
Bonneville	1,815	1,622	89.4
Boundary	154	143	94.1
Butte	25	23	92.0
Camas	4	4	100.0
Canyon	2,918	2,658	91.5
Caribou	99	88	88.9
Cassia	377	330	88.2
Clark	11	10	90.9
Clearwater	65	61	93.8
Custer	31	30	96.8
Elmore	417	385	92.8
Franklin	194	158	82.7
Fremont	189	170	89.9
Gem	194	182	93.8
Gooding	182	161	88.5
Idaho	144	138	95.8
Jefferson	444	401	90.3
Jerome	375	337	89.9
Kootenai	1,733	1,569	91.1
Latah	391	361	92.8
Lemhi	68	65	95.6
Lewis	38	35	92.1
Lincoln	59	55	93.2
Madison	1,097	1,045	95.4
Minidoka	279	244	87.8
Nez Perce	457	425	93.8
Oneida	56	51	91.1
Owyhee	138	119	86.2
Payette	286	258	90.5
Power	104	87	84.5
Shoshone	162	134	82.7
Teton	125	119	95.2
Twin Falls	1,152	1,051	91.3
Valley	107	103	96.3
Washington	109	100	91.7

1. Those newborns that received any established breastmilk or colostrum during the period of time between their birth and discharge from the facility where their birth took place.
2. Percentages are based on records with known breastfeeding data.

PRENATAL CARE

Measurement of Prenatal Care

The effects of prenatal care are difficult to quantify, but appropriate care can promote healthier pregnancies by detecting and managing pre-existing medical conditions and providing health behavior advice¹. The measurement of prenatal care in the U.S. and Idaho changed dramatically in 2014 when the National Center for Health Statistics (NCHS) transitioned from measuring gestational age based on the last normal menses (LMP) and the date of infant's birth to the new measure, the obstetric estimate of gestation at delivery (OE)². This transition was due to the increasing evidence of the greater validity of the OE compared with the LMP-based measure. The OE-based measurement of gestational age impacts prenatal care due to prenatal care being categorized by the trimester in which care began.

Prenatal care data utilizing OE – based measurements has resulted in more accurate data because care is based on a date in a prenatal medical record rather than mother's recollection of the date of first visit. Prenatal care data based on the 2014 revision and the previous standard are not directly comparable.

PERCENT BEGINNING PRENATAL CARE IN THE FIRST TRIMESTER BASED ON OBSTETRIC ESTIMATE OF GESTATION	
Idaho, 2014	74.2%
Idaho, 2015	75.8%
Idaho, 2016	77.7%
Idaho, 2017	78.3%
Idaho, 2018	79.7%

Adequacy of Prenatal Care Utilization (APNCU) Index

One measure of prenatal care in which classifications of the adequacy of prenatal care are based on the onset of prenatal care, the number of prenatal visits, and the length of gestation is the Adequacy of Prenatal Care Utilization (APNCU) Index. The APNCU Index is based on full recommendations set forth by the American College of Obstetricians and Gynecologists (ACOG). This index classifies care as intensive, adequate, intermediate, inadequate, or no care by comparing the number of actual prenatal care visits to the number of visits that a woman was expected to receive, given the onset of prenatal care and the length of gestation.

In reviewing Trimester of First Prenatal Care Visit and APNCU data, keep in mind:

- 1) Prenatal care data based on date of first visit are not comparable with prenatal care data based on month prenatal care began.
- 2) In 2016, all states have revised their birth certificate to the 2003 U.S. Standard Certificate. Therefore, Idaho resident births occurring in another state will have comparable data for onset of prenatal care after 2015 while data prior to 2016 will not be comparable. Data are shown as not stated in data table(s).

1. "Expanded Data from the New Birth Certificate, 2008," National Vital Statistics Reports, National Center for Health Statistics, Vol. 59. No.7, July 27, 2011.
2. Martin JA, Osterman MJK, Kirmeyer SE, Gregory ECW. Measuring Gestational Age in Vital Statistics Data: Transitioning to the Obstetric Estimate. National Vital Statistics Reports; Vol. 64/No. 5. Hyattsville, MD: National Center for Health Statistics. June 1, 2015.

IDAHO RESIDENT LIVE BIRTHS
Number and Percentage of Births by Trimester of Pregnancy for Prenatal Care
By Select Maternal Characteristics
2018

	TOTAL LIVE BIRTHS	TRIMESTER OF PREGNANCY OF FIRST PRENATAL CARE VISIT								
		First		Second		Third		No Prenatal Care		Not Stated
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	
TOTAL	21,406	16,926	79.7%	3,317	15.6%	748	3.5%	233	1.1%	182
Mother's Age										
<15	4	1	25.0	3	75.0	-	-	-	-	-
15-19	971	683	71.3	206	21.5	52	5.4	17	1.8	13
15-17	211	133	64.3	51	24.6	15	7.2	8	3.9	4
18-19	760	550	73.2	155	20.6	37	4.9	9	1.2	9
20-24	5,104	3,867	76.4	902	17.8	238	4.7	55	1.1	42
25-29	6,975	5,644	81.5	995	14.4	215	3.1	69	1.0	52
30-34	5,338	4,388	82.8	717	13.5	145	2.7	49	0.9	39
35-39	2,538	1,985	79.1	411	16.4	79	3.1	34	1.4	29
40-44	441	331	76.1	78	17.9	18	4.1	8	1.8	6
45+	28	20	74.1	5	18.5	1	3.7	1	3.7	1
Age not stated	7	7	NA	-	NA	-	NA	-	NA	-
Race/Ethnicity¹										
White	18,879	15,139	80.8	2,785	14.9	620	3.3	187	1.0	148
Black	318	208	66.5	78	24.9	25	8.0	2	0.6	5
American Indian	315	210	68.9	54	17.7	34	11.1	7	2.3	10
Asian/Pacific Islander	479	359	75.3	93	19.5	20	4.2	5	1.0	2
Other race/multiple race	1,349	971	72.7	292	21.9	46	3.4	27	2.0	13
Race not stated	66	39	NA	15	NA	3	NA	5	NA	4
Non-Hispanic	17,858	14,287	80.7	2,660	15.0	586	3.3	180	1.0	145
Hispanic	3,548	2,639	75.2	657	18.7	162	4.6	53	1.5	37
Ethnicity not stated	-	-	NA	-	NA	-	NA	-	NA	-
Mother's Education										
Did not graduate high school	2,217	1,499	68.6	466	21.3	160	7.3	60	2.7	32
Graduated high school	19,088	15,368	81.1	2,828	14.9	582	3.1	167	0.9	143
Education not stated	101	59	NA	23	NA	6	NA	6	NA	7
Payment Source²										
Private Insurance	11,689	9,937	85.4	1,383	11.9	262	2.3	50	0.4	57
Medicaid	7,491	5,444	73.5	1,487	20.1	390	5.3	89	1.2	81
Self Pay	1,309	863	66.5	340	26.2	70	5.4	25	1.9	11
Other Government	584	493	86.6	60	10.5	13	2.3	3	0.5	15
Not applicable/none/other	312	181	59.2	46	15.0	13	4.2	66	21.6	6
Payment source not stated	21	8	NA	1	NA	-	NA	-	NA	12
Cigarette Smoking³										
Yes	1,715	1,215	72.0	327	19.4	113	6.7	33	2.0	27
No	19,652	15,698	80.5	2,980	15.3	631	3.2	195	1.0	148
Smoking status not stated	39	13	NA	10	NA	4	NA	5	NA	7
Parity⁴										
High for age	797	491	62.5	224	28.5	38	4.8	33	4.2	11
Not high for age	20,566	16,418	80.4	3,091	15.1	710	3.5	198	1.0	149
Parity not stated	43	17	NA	2	NA	-	NA	2	NA	22

1. Other race includes 29 out-of-state births with multiple races that have stated trimester of pregnancy of first prenatal care visit on their infants(s) birth record(s). For more information, see Technical Notes.
2. 'Other Government' includes Indian Health Services, CHAMPUS/TRICARE, and other government (federal, state, local).
3. Based on cigarette smoking during pregnancy. For more information, see Technical Notes.
4. High parity for age: one or more previous live births for females 17 years or age or younger; three or more previous live births for females 18-21 years of age; four or more previous live births for females 22-24 years of age; and five or more previous live births for females aged 25 years and older. Not high for age: includes all other combinations of parity and age of mother. Percentages based on records with stated date of first prenatal care visit. NA: not applicable.

Note: Prior to 2014, the trimester of pregnancy prenatal care began was based on the date of first prenatal care visit, and the length of baby's gestation based on the date of mother's last normal menses and the baby's birth date. Beginning in 2014, the trimester of pregnancy prenatal care began is based on the date of first prenatal care visit, the length of gestation based on the obstetric estimate and the baby's birth date. Data using the two methods are not 100 percent comparable. For more information, see Technical Notes.

IDAHO RESIDENT LIVE BIRTHS
Trimester of Pregnancy of First Prenatal Care Visit
2018

RESIDENCE	TOTAL LIVE BIRTHS	TRIMESTER OF PREGNANCY OF FIRST PRENATAL CARE VISIT								
		First		Second		Third		No Prenatal Care		Not Stated
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	
IDAHO	21,406	16,926	79.7%	3,317	15.6%	748	3.5%	233	1.1%	182
District 1	2,546	2,005	79.9	403	16.1	83	3.3	18	0.7	37
District 2	1,095	866	80.1	169	15.6	31	2.9	15	1.4	14
District 3	3,674	2,719	74.9	620	17.1	164	4.5	126	3.5	45
District 4	5,432	4,643	86.3	600	11.1	115	2.1	25	0.5	49
District 5	2,625	2,126	81.2	396	15.1	80	3.1	17	0.6	6
District 6	2,254	1,735	77.7	367	16.4	114	5.1	18	0.8	20
District 7	3,780	2,832	75.1	762	20.2	161	4.3	14	0.4	11
Ada	4,861	4,147	86.1	549	11.4	104	2.2	19	0.4	42
Adams	29	21	72.4	8	27.6	-	-	-	-	-
Bannock	1,112	878	79.3	148	13.4	72	6.5	9	0.8	5
Bear Lake	77	67	88.2	9	11.8	-	-	-	-	1
Benewah	92	59	69.4	24	28.2	2	2.4	-	-	7
Bingham	587	410	70.1	140	23.9	30	5.1	5	0.9	2
Blaine	197	164	83.2	28	14.2	4	2.0	1	0.5	-
Boise	47	39	83.0	7	14.9	1	2.1	-	-	-
Bonner	405	289	71.7	90	22.3	19	4.7	5	1.2	2
Bonneville	1,815	1,359	75.0	384	21.2	64	3.5	6	0.3	2
Boundary	154	98	64.1	41	26.8	10	6.5	4	2.6	1
Butte	25	13	52.0	9	36.0	3	12.0	-	-	-
Camas	4	4	100.0	-	-	-	-	-	-	-
Canyon	2,918	2,208	76.6	454	15.8	130	4.5	89	3.1	37
Caribou	99	80	80.8	15	15.2	2	2.0	2	2.0	-
Cassia	377	275	73.1	79	21.0	19	5.1	3	0.8	1
Clark	11	9	81.8	2	18.2	-	-	-	-	-
Clearwater	65	49	77.8	12	19.0	1	1.6	1	1.6	2
Custer	31	21	70.0	7	23.3	2	6.7	-	-	1
Elmore	417	365	88.6	36	8.7	9	2.2	2	0.5	5
Franklin	194	158	84.9	25	13.4	3	1.6	-	-	8
Fremont	189	135	72.2	43	23.0	9	4.8	-	-	2
Gem	194	145	75.1	36	18.7	3	1.6	9	4.7	1
Gooding	182	146	80.2	29	15.9	3	1.6	4	2.2	-
Idaho	144	96	66.7	37	25.7	6	4.2	5	3.5	-
Jefferson	444	324	73.3	99	22.4	13	2.9	6	1.4	2
Jerome	375	318	84.8	44	11.7	13	3.5	-	-	-
Kootenai	1,733	1,431	83.9	220	12.9	47	2.8	8	0.5	27
Latah	391	310	80.7	62	16.1	10	2.6	2	0.5	7
Lemhi	68	51	75.0	12	17.6	5	7.4	-	-	-
Lewis	38	30	78.9	3	7.9	2	5.3	3	7.9	-
Lincoln	59	42	71.2	15	25.4	2	3.4	-	-	-
Madison	1,097	832	76.1	196	17.9	65	5.9	-	-	4
Minidoka	279	219	78.5	45	16.1	13	4.7	2	0.7	-
Nez Perce	457	381	84.3	55	12.2	12	2.7	4	0.9	5
Oneida	56	47	87.0	6	11.1	1	1.9	-	-	2
Owyhee	138	90	65.2	35	25.4	3	2.2	10	7.2	-
Payette	286	181	64.2	65	23.0	19	6.7	17	6.0	4
Power	104	82	80.4	15	14.7	3	2.9	2	2.0	2
Shoshone	162	128	79.0	28	17.3	5	3.1	1	0.6	-
Teton	125	101	80.8	19	15.2	3	2.4	2	1.6	-
Twin Falls	1,152	958	83.5	156	13.6	26	2.3	7	0.6	5
Valley	107	92	87.6	8	7.6	1	1.0	4	3.8	2
Washington	109	74	69.8	22	20.8	9	8.5	1	0.9	3

Percentages based on records with stated date of first prenatal care visit.

Note: Prior to 2014, the trimester of pregnancy prenatal care began was based on the date of first prenatal care visit, and the length of baby's gestation based on the date of mother's last normal menses and the baby's birth date. Beginning in 2014, the trimester of pregnancy prenatal care began is based on the date of first prenatal care visit, the length of gestation based on the obstetric estimate and the baby's birth date. Data using the two methods are not 100 percent comparable. For more information, see Technical Notes.

IDAHO RESIDENT LIVE BIRTHS
Adequacy of Prenatal Care Utilization Index
2018

RESIDENCE	TOTAL LIVE BIRTHS	ADEQUACY OF PRENATAL CARE (APNCU INDEX)										
		Intensive		Adequate		Intermediate		Inadequate		No Prenatal Care		Not Stated
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
IDAHO	21,406	8,236	39.0%	9,358	44.3%	1,167	5.5%	2,137	10.1%	233	1.1%	275
District 1	2,546	1,132	45.2	986	39.3	120	4.8	250	10.0	18	0.7	40
District 2	1,095	380	35.4	520	48.4	56	5.2	103	9.6	15	1.4	21
District 3	3,674	1,107	30.8	1,585	44.1	325	9.0	450	12.5	126	3.5	81
District 4	5,432	2,145	40.1	2,533	47.4	280	5.2	365	6.8	25	0.5	84
District 5	2,625	1,019	39.0	1,220	46.6	113	4.3	247	9.4	17	0.6	9
District 6	2,254	927	41.6	920	41.3	88	3.9	276	12.4	18	0.8	25
District 7	3,780	1,526	40.5	1,594	42.3	185	4.9	446	11.8	14	0.4	15
Ada	4,861	1,932	40.4	2,261	47.2	247	5.2	327	6.8	19	0.4	75
Adams	29	7	24.1	17	58.6	3	10.3	2	6.9	-	-	-
Bannock	1,112	491	44.5	419	38.0	29	2.6	156	14.1	9	0.8	8
Bear Lake	77	28	36.8	42	55.3	2	2.6	4	5.3	-	-	1
Benewah	92	33	38.8	34	40.0	6	7.1	12	14.1	-	-	7
Bingham	587	242	41.4	240	41.0	27	4.6	71	12.1	5	0.9	2
Blaine	197	75	38.1	103	52.3	5	2.5	13	6.6	1	0.5	-
Boise	47	21	45.7	18	39.1	3	6.5	4	8.7	-	-	1
Bonner	405	162	40.2	149	37.0	38	9.4	49	12.2	5	1.2	2
Bonneville	1,815	861	47.5	716	39.5	38	2.1	190	10.5	6	0.3	4
Boundary	154	39	25.7	59	38.8	25	16.4	25	16.4	4	2.6	2
Butte	25	6	24.0	10	40.0	2	8.0	7	28.0	-	-	-
Camas	4	1	25.0	2	50.0	1	25.0	-	-	-	-	-
Canyon	2,918	917	32.2	1,248	43.8	253	8.9	345	12.1	89	3.1	66
Caribou	99	38	38.8	44	44.9	6	6.1	8	8.2	2	2.0	1
Cassia	377	140	37.3	158	42.1	20	5.3	54	14.4	3	0.8	2
Clark	11	5	45.5	5	45.5	-	-	1	9.1	-	-	-
Clearwater	65	18	28.6	31	49.2	5	7.9	8	12.7	1	1.6	2
Custer	31	8	26.7	15	50.0	5	16.7	2	6.7	-	-	1
Elmore	417	169	41.1	190	46.2	22	5.4	28	6.8	2	0.5	6
Franklin	194	63	34.1	89	48.1	16	8.6	17	9.2	-	-	9
Fremont	189	70	37.4	79	42.2	15	8.0	23	12.3	-	-	2
Gem	194	52	27.1	98	51.0	17	8.9	16	8.3	9	4.7	2
Gooding	182	68	37.4	92	50.5	6	3.3	12	6.6	4	2.2	-
Idaho	144	39	27.1	69	47.9	12	8.3	19	13.2	5	3.5	-
Jefferson	444	180	40.7	184	41.6	18	4.1	54	12.2	6	1.4	2
Jerome	375	143	38.1	173	46.1	24	6.4	35	9.3	-	-	-
Kootenai	1,733	827	48.5	678	39.8	44	2.6	147	8.6	8	0.5	29
Latah	391	107	28.4	207	54.9	26	6.9	35	9.3	2	0.5	14
Lemhi	68	31	46.3	24	35.8	2	3.0	10	14.9	-	-	1
Lewis	38	8	21.1	19	50.0	2	5.3	6	15.8	3	7.9	-
Lincoln	59	16	27.1	34	57.6	2	3.4	7	11.9	-	-	-
Madison	1,097	330	30.2	514	47.1	97	8.9	151	13.8	-	-	5
Minidoka	279	121	43.7	114	41.2	12	4.3	28	10.1	2	0.7	2
Nez Perce	457	208	46.0	194	42.9	11	2.4	35	7.7	4	0.9	5
Oneida	56	15	27.8	31	57.4	4	7.4	4	7.4	-	-	2
Owyhee	138	39	28.7	49	36.0	15	11.0	23	16.9	10	7.4	2
Payette	286	66	23.7	119	42.8	28	10.1	48	17.3	17	6.1	8
Power	104	44	43.1	45	44.1	2	2.0	9	8.8	2	2.0	2
Shoshone	162	71	43.8	66	40.7	7	4.3	17	10.5	1	0.6	-
Teton	125	41	32.8	57	45.6	10	8.0	15	12.0	2	1.6	-
Twin Falls	1,152	455	39.7	544	47.4	43	3.7	98	8.5	7	0.6	5
Valley	107	23	21.9	64	61.0	8	7.6	6	5.7	4	3.8	2
Washington	109	26	24.5	54	50.9	9	8.5	16	15.1	1	0.9	3

Percentages based on records with stated data to calculate APNCU (date of first prenatal care visit, number of visits, and length of gestation).

Note: Prior to 2014, the APNCU was based on the date of first prenatal care visit, and the length of baby's gestation based on the date of mother's last normal menses and the baby's birth date. Beginning in 2014, the APNCU is based on the date of first prenatal care visit, the length of gestation based on the obstetric estimate and the baby's birth date. Data using the two methods are not 100 percent comparable. For more information, see Technical Notes.

IDAHO RESIDENT LOW BIRTHWEIGHT LIVE BIRTHS
Weight at Birth
2018 U.S. and Idaho

RESIDENCE	TOTAL LIVE BIRTHS	LOW BIRTHWEIGHT LIVE BIRTHS						2,500+ Grams	Not Stated
		Total Low Birthweight (< 2,500 grams)		Very Low Birthweight (<1,500 Grams)		Moderately Low Weight (1,500-2,499 Grams)			
		Number	Percent ²	Number	Percent ²	Number	Percent ²		
U.S. ¹	3,791,712	8.2%		1.4%		6.9%		3,475,028	2,932
IDAHO	21,406	1,558	7.3%	229	1.1%	1,329	6.2%	19,841	7
District 1	2,546	138	5.4	20	0.8	118	4.6	2,408	-
District 2	1,095	72	6.6	15	1.4	57	5.2	1,023	-
District 3	3,674	263	7.2	42	1.1	221	6.0	3,406	5
District 4	5,432	412	7.6	69	1.3	343	6.3	5,019	1
District 5	2,625	178	6.8	20	0.8	158	6.0	2,447	-
District 6	2,254	210	9.3	32	1.4	178	7.9	2,043	1
District 7	3,780	285	7.5	31	0.8	254	6.7	3,495	-
Ada	4,861	362	7.4	61	1.3	301	6.2	4,498	1
Adams	29	-	-	-	-	-	-	29	-
Bannock	1,112	102	9.2	12	1.1	90	8.1	1,010	-
Bear Lake	77	11	14.3	2	2.6	9	11.7	66	-
Benewah	92	7	7.6	1	1.1	6	6.5	85	-
Bingham	587	48	8.2	7	1.2	41	7.0	539	-
Blaine	197	12	6.1	-	-	12	6.1	185	-
Boise	47	2	4.3	2	4.3	-	-	45	-
Bonner	405	26	6.4	2	0.5	24	5.9	379	-
Bonneville	1,815	152	8.4	21	1.2	131	7.2	1,663	-
Boundary	154	3	1.9	-	-	3	1.9	151	-
Butte	25	3	12.0	-	-	3	12.0	22	-
Camas	4	-	-	-	-	-	-	4	-
Canyon	2,918	211	7.2	34	1.2	177	6.1	2,704	3
Caribou	99	16	16.2	4	4.0	12	12.1	83	-
Cassia	377	20	5.3	2	0.5	18	4.8	357	-
Clark	11	3	27.3	-	-	3	27.3	8	-
Clearwater	65	4	6.2	-	-	4	6.2	61	-
Custer	31	3	9.7	-	-	3	9.7	28	-
Elmore	417	43	10.3	6	1.4	37	8.9	374	-
Franklin	194	18	9.3	7	3.6	11	5.7	175	1
Fremont	189	13	6.9	-	-	13	6.9	176	-
Gem	194	14	7.3	2	1.0	12	6.2	179	1
Gooding	182	18	9.9	3	1.6	15	8.2	164	-
Idaho	144	9	6.3	1	0.7	8	5.6	135	-
Jefferson	444	36	8.1	1	0.2	35	7.9	408	-
Jerome	375	21	5.6	2	0.5	19	5.1	354	-
Kootenai	1,733	87	5.0	16	0.9	71	4.1	1,646	-
Latah	391	27	6.9	7	1.8	20	5.1	364	-
Lemhi	68	3	4.4	-	-	3	4.4	65	-
Lewis	38	4	10.5	2	5.3	2	5.3	34	-
Lincoln	59	3	5.1	-	-	3	5.1	56	-
Madison	1,097	62	5.7	8	0.7	54	4.9	1,035	-
Minidoka	279	15	5.4	3	1.1	12	4.3	264	-
Nez Perce	457	28	6.1	5	1.1	23	5.0	429	-
Oneida	56	6	10.7	-	-	6	10.7	50	-
Owyhee	138	10	7.2	2	1.4	8	5.8	128	-
Payette	286	25	8.8	3	1.1	22	7.7	260	1
Power	104	6	5.8	-	-	6	5.8	98	-
Shoshone	162	15	9.3	1	0.6	14	8.6	147	-
Teton	125	13	10.4	1	0.8	12	9.6	112	-
Twin Falls	1,152	89	7.7	10	0.9	79	6.9	1,063	-
Valley	107	5	4.7	-	-	5	4.7	102	-
Washington	109	3	2.8	1	0.9	2	1.8	106	-

1. U.S. low birthweight birth percentages are based on final 2018 data, released by the National Vital Statistics Reports, National Center for Health Statistics, Vol. 68/No. 13, November 27, 2019.

2. Percentages are based on records with stated birthweight.

IDAHO RESIDENT LOW BIRTHWEIGHT LIVE BIRTHS
Race and Ethnicity of Mother
2018

RESIDENCE	LOW BIRTHWEIGHT LIVE BIRTHS		RACE						ETHNICITY ²	
	Total	Percent ¹	White	Black	American Indian or Alaska Native	Asian or Pacific Islander	Other Race	Not Stated	Non-Hispanic	Hispanic
IDAHO (Percent ¹)	1,558	7.3%	1,346 7.1%	35 11.0%	15 4.8%	50 10.4%	107 7.9%	5 NA	1,288 7.2%	270 7.6%
District 1	138	5.4	126	2	4	2	4	-	131	7
District 2	72	6.6	64	4	-	3	1	-	68	4
District 3	263	7.2	231	4	3	4	19	2	195	68
District 4	412	7.6	340	20	1	26	23	2	347	65
District 5	178	6.8	142	3	-	5	27	1	120	58
District 6	210	9.3	188	1	5	4	12	-	186	24
District 7	285	7.5	255	1	2	6	21	-	241	44
Ada	362	7.4	300	17	1	23	19	2	308	54
Adams	-	-	-	-	-	-	-	-	-	-
Bannock	102	9.2	90	1	3	4	4	-	91	11
Bear Lake	11	14.3	11	-	-	-	-	-	10	1
Benewah	7	7.6	6	-	1	-	-	-	7	-
Bingham	48	8.2	40	-	1	-	7	-	41	7
Blaine	12	6.1	9	-	-	1	1	1	8	4
Boise	2	4.3	2	-	-	-	-	-	2	-
Bonner	26	6.4	23	-	-	-	3	-	23	3
Bonneville	152	8.4	137	1	1	4	9	-	132	20
Boundary	3	1.9	3	-	-	-	-	-	3	-
Butte	3	12.0	3	-	-	-	-	-	3	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	211	7.2	184	3	3	2	17	2	148	63
Caribou	16	16.2	16	-	-	-	-	-	15	1
Cassia	20	5.3	19	-	-	-	1	-	15	5
Clark	3	27.3	1	-	-	-	2	-	-	3
Clearwater	4	6.2	4	-	-	-	-	-	2	2
Custer	3	9.7	3	-	-	-	-	-	3	-
Elmore	43	10.3	33	3	-	3	4	-	32	11
Franklin	18	9.3	17	-	1	-	-	-	16	2
Fremont	13	6.9	13	-	-	-	-	-	11	2
Gem	14	7.3	11	-	-	2	1	-	13	1
Gooding	18	9.9	15	-	-	-	3	-	12	6
Idaho	9	6.3	8	1	-	-	-	-	8	1
Jefferson	36	8.1	29	-	-	1	6	-	24	12
Jerome	21	5.6	17	-	-	-	4	-	13	8
Kootenai	87	5.0	79	2	3	2	1	-	83	4
Latah	27	6.9	23	1	-	2	1	-	26	1
Lemhi	3	4.4	2	-	1	-	-	-	3	-
Lewis	4	10.5	3	-	-	1	-	-	4	-
Lincoln	3	5.1	2	-	-	-	1	-	2	1
Madison	62	5.7	58	-	-	1	3	-	58	4
Minidoka	15	5.4	13	-	-	-	2	-	6	9
Nez Perce	28	6.1	26	2	-	-	-	-	28	-
Oneida	6	10.7	6	-	-	-	-	-	6	-
Owyhee	10	7.2	8	1	-	-	1	-	9	1
Payette	25	8.8	25	-	-	-	-	-	22	3
Power	6	5.8	5	-	-	-	1	-	4	2
Shoshone	15	9.3	15	-	-	-	-	-	15	-
Teton	13	10.4	12	-	-	-	1	-	10	3
Twin Falls	89	7.7	67	3	-	4	15	-	64	25
Valley	5	4.7	5	-	-	-	-	-	5	-
Washington	3	2.8	3	-	-	-	-	-	3	-

1. Percentages are based on records with stated birthweight.

2. Race and Hispanic origin are reported separately on birth certificate. Mothers of Hispanic origin are included in appropriate race totals.

IDAHO RESIDENT LOW BIRTHWEIGHT LIVE BIRTHS
Age of Mother
2018

RESIDENCE	TOTAL LOW BIRTHWEIGHT	AGE									
		<15	15-19			20-24	25-29	30-34	35-39	40-44	45+
			Total	15-17	18-19						
IDAHO*	1,558	-	89	21	68	337	463	357	256	48	6
(Percent ¹)	7.3%	-	9.2%	10.0%	8.9%	6.6%	6.6%	6.7%	10.1%	10.9%	21.4%
District 1	138	-	7	1	6	28	38	33	27	5	-
District 2	72	-	4	1	3	18	20	14	12	3	1
District 3	263	-	23	8	15	61	78	55	39	6	1
District 4*	412	-	18	2	16	62	110	117	81	20	3
District 5	178	-	12	3	9	36	60	34	31	5	-
District 6	210	-	10	2	8	41	67	53	33	6	-
District 7*	285	-	15	4	11	91	90	51	33	3	1
Ada*	362	-	15	2	13	49	96	109	71	18	3
Adams	-	-	-	-	-	-	-	-	-	-	-
Bannock	102	-	3	-	3	23	31	27	15	3	-
Bear Lake	11	-	-	-	-	3	6	1	-	1	-
Benewah	7	-	1	1	-	2	2	1	1	-	-
Bingham	48	-	4	1	3	9	13	12	10	-	-
Blaine	12	-	-	-	-	2	1	3	6	-	-
Boise	2	-	-	-	-	-	-	-	2	-	-
Bonner	26	-	-	-	-	4	6	6	9	1	-
Bonneville*	152	-	6	2	4	39	55	31	19	1	-
Boundary	3	-	-	-	-	-	-	2	-	1	-
Butte	3	-	-	-	-	1	1	-	1	-	-
Camas	-	-	-	-	-	-	-	-	-	-	-
Canyon	211	-	18	7	11	49	62	46	30	5	1
Caribou	16	-	2	1	1	2	7	4	1	-	-
Cassia	20	-	2	1	1	6	9	3	-	-	-
Clark	3	-	-	-	-	-	-	1	2	-	-
Clearwater	4	-	-	-	-	1	1	-	2	-	-
Custer	3	-	-	-	-	-	3	-	-	-	-
Elmore	43	-	3	-	3	13	12	7	7	1	-
Franklin	18	-	-	-	-	2	5	7	2	2	-
Fremont	13	-	2	-	2	5	3	1	2	-	-
Gem	14	-	1	-	1	5	4	1	2	1	-
Gooding	18	-	2	-	2	5	5	1	3	2	-
Idaho	9	-	1	-	1	3	1	3	1	-	-
Jefferson	36	-	-	-	-	14	9	5	6	1	1
Jerome	21	-	2	2	-	4	8	4	2	1	-
Kootenai	87	-	4	-	4	18	25	21	16	3	-
Latah	27	-	1	-	1	6	10	3	6	1	-
Lemhi	3	-	1	1	-	-	1	1	-	-	-
Lewis	4	-	-	-	-	1	1	2	-	-	-
Lincoln	3	-	-	-	-	1	2	-	-	-	-
Madison	62	-	5	1	4	32	16	7	2	-	-
Minidoka	15	-	2	-	2	6	4	2	1	-	-
Nez Perce	28	-	2	1	1	7	7	6	3	2	1
Oneida	6	-	1	-	1	-	2	1	2	-	-
Owyhee	10	-	3	1	2	5	1	-	1	-	-
Payette	25	-	1	-	1	2	10	6	6	-	-
Power	6	-	-	-	-	1	2	1	2	-	-
Shoshone	15	-	2	-	2	4	5	3	1	-	-
Teton	13	-	1	-	1	1	3	5	2	1	-
Twin Falls	89	-	4	-	4	12	31	21	19	2	-
Valley	5	-	-	-	-	-	2	1	1	1	-
Washington	3	-	-	-	-	-	1	2	-	-	-

1. Percentages are based on records with stated birthweight.

* There are two births with maternal age not stated on the birth record for low birthweight births, one birth to a resident of District 4 (Ada county) and one birth to a resident of District 7 (Bonneville county).

IDAHO RESIDENT LOW BIRTHWEIGHT LIVE BIRTHS
Live Birth Order by Age of Mother
2018

LIVE BIRTH ORDER	TOTAL	AGE								
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL*	1,558	-	21	68	337	463	357	256	48	6
1	547	-	17	48	184	142	87	61	6	2
2**	405	-	3	16	98	130	83	62	11	1
3	285	-	-	4	32	108	86	48	7	-
4	174	-	-	-	18	55	62	29	9	1
5**	73	-	-	-	2	21	20	23	5	1
6	34	-	-	-	1	5	12	13	2	1
7	18	-	-	-	-	2	4	9	3	-
8	8	-	-	-	-	-	1	6	1	-
9	4	-	-	-	-	-	1	2	1	-
10-14	4	-	-	-	-	-	1	-	3	-
15+	-	-	-	-	-	-	-	-	-	-
Not Stated	6	-	1	-	2	-	-	3	-	-

* Total includes two births with maternal age not stated on the birth record.

** Total for live birth order of two and five includes one birth with maternal age not stated on the birth record.

IDAHO RESIDENT LOW BIRTHWEIGHT LIVE BIRTHS
Number and Percentage of Low Birthweight Births by Age of Mother
2018 U.S. and Idaho

AGE GROUP	IDAHO			U.S. ¹
	Total Live Births	Low Birthweight Live Births	Percent Low Birthweight	Percent Low Birthweight
TOTAL	21,406	1,558	7.3%	8.3%
<15	4	-	-	12.7
15-19	971	89	9.2	10.1
15-17	211	21	10.0	10.5
18-19	760	68	8.9	10.0
20-24	5,104	337	6.6	8.6
25-29	6,975	463	6.6	7.8
30-34	5,338	357	6.7	7.6
35-39	2,538	256	10.1	8.8
40-44	441	48	10.9	10.8
45+	28	6	21.4	18.4
Not Stated	7	2	NA	NA

1. U.S. low birthweight birth percentages (total and age groups <15, 15-19, 20-24, 25-29, 30-34, 35-39, 40-44, and 45+) are based on final 2018 data, released by the National Vital Statistics Reports, National Center for Health Statistics (NCHS), Vol. 68/No. 13, November 27, 2019. U.S. low birthweight birth percentages (age groups 15-17 and 18-19) are based on 2018 data taken from the Center for Disease Control and Prevention, NCHS WONDER Online Database, Natality public-use data 2016-2018, February 20. Percentages are based on records with stated birthweight. NA: not applicable.

IDAHO RESIDENT LIVE BIRTHS
Number and Percentage of Births by Birthweight by Gestational Age
2018

GESTATIONAL AGE ¹	TOTAL LIVE BIRTHS	BIRTHWEIGHT										
		Total Low Birthweight (< 2,500 Grams)		Very Low (< 1,500 Grams)		Moderately Low (1,500-2,499 Grams)		Normal (2,500-3,999 Grams)		Heavy (4,000+ Grams)		Not Stated
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
TOTAL	21,406	1,558	7.3%	229	1.1%	1,329	6.2%	18,159	84.9%	1,682	7.9%	7
Preterm (< 37 weeks)	1,934	1,071	55.4	220	11.4	851	44.0	847	43.8	15	0.8	1
Under 32 weeks	265	258	97.4	192	72.5	66	24.9	7	2.6	-	-	-
32-33 weeks	198	179	90.4	17	8.6	162	81.8	18	9.1	1	0.5	-
34-36 weeks	1,471	634	43.1	11	0.7	623	42.4	822	55.9	14	1.0	1
Term (37-41 weeks)	19,359	485	2.5	9	0.0	476	2.5	17,236	89.0	1,638	8.5	-
37-38 weeks	5,407	389	7.2	5	0.1	384	7.1	4,841	89.5	177	3.3	-
39-41 weeks	13,952	96	0.7	4	0.0	92	0.7	12,395	88.8	1,461	10.5	-
Postterm (42+ weeks)	70	-	-	-	-	-	-	48	68.6	22	31.4	-
Not Stated	43	2	NA	-	NA	2	NA	28	NA	7	NA	6

Percentages are based on records with stated data for birthweight. NA: not applicable.

1. Gestational age is based on the obstetric estimate (OE) at birth. Prior to 2014, the primary measure used to determine the gestational age of the newborn was based on the date of the mother's last normal menses and the baby's birth date. Gestational age using the two methods is not 100 percent comparable. For more information, see Technical Notes.

IDAHO RESIDENT LIVE BIRTHS
Number and Percentage of Births by Birthweight
by Cigarette Smoking Status During Pregnancy
2018

CIGARETTE SMOKING DURING PREGNANCY	TOTAL LIVE BIRTHS	BIRTHWEIGHT										
		Total Low Birthweight (< 2,500 Grams)		Very Low (< 1,500 Grams)		Moderately Low (1,500-2,499 Grams)		Normal (2,500-3,999 Grams)		Heavy (4,000+ Grams)		Not Stated
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
TOTAL	21,406	1,558	7.3%	229	1.1%	1,329	6.2%	18,159	84.9%	1,682	7.9%	7
Yes	1,715	231	13.5	22	1.3	209	12.2	1,409	82.3	73	4.3	2
No	19,652	1,323	6.7	206	1.0	1,117	5.7	16,716	85.1	1,609	8.2	4
Not Stated	39	4	NA	1	NA	3	NA	34	NA	-	NA	1

Percentages are based on records with stated data for birthweight. NA: not applicable.

IDAHO RESIDENT LIVE BIRTHS
Gestational Age
2018 U.S. and Idaho

RESIDENCE	TOTAL LIVE BIRTHS	GESTATIONAL AGE ¹				Not Stated
		< 37 Completed Weeks Gestation (Preterm Births)		37+ Completed Weeks Gestation (Term Births)		
		Number	Percent	Number	Percent	
U.S. ²	3,791,712		10.0%		90.0%	2,491
IDAHO	21,406	1,934	9.1%	19,429	90.9%	43
District 1	2,546	197	7.8	2,340	92.2	9
District 2	1,095	86	7.9	1,008	92.1	1
District 3	3,674	338	9.3	3,310	90.7	26
District 4	5,432	518	9.5	4,912	90.5	2
District 5	2,625	237	9.0	2,386	91.0	2
District 6	2,254	247	11.0	2,006	89.0	1
District 7	3,780	311	8.2	3,467	91.8	2
Ada	4,861	460	9.5	4,399	90.5	2
Adams	29	2	6.9	27	93.1	-
Bannock	1,112	123	11.1	989	88.9	-
Bear Lake	77	12	15.6	65	84.4	-
Benewah	92	11	12.0	81	88.0	-
Bingham	587	54	9.2	533	90.8	-
Blaine	197	16	8.1	181	91.9	-
Boise	47	7	14.9	40	85.1	-
Bonner	405	32	7.9	373	92.1	-
Bonneville	1,815	172	9.5	1,643	90.5	-
Boundary	154	7	4.6	146	95.4	1
Butte	25	2	8.0	23	92.0	-
Camas	4	-	-	4	100.0	-
Canyon	2,918	263	9.1	2,641	90.9	14
Caribou	99	16	16.2	83	83.8	-
Cassia	377	31	8.2	345	91.8	1
Clark	11	2	18.2	9	81.8	-
Clearwater	65	6	9.2	59	90.8	-
Custer	31	3	9.7	28	90.3	-
Elmore	417	47	11.3	370	88.7	-
Franklin	194	23	11.9	170	88.1	1
Fremont	189	14	7.4	175	92.6	-
Gem	194	20	10.5	170	89.5	4
Gooding	182	27	14.8	155	85.2	-
Idaho	144	10	6.9	134	93.1	-
Jefferson	444	38	8.6	404	91.4	2
Jerome	375	33	8.8	342	91.2	-
Kootenai	1,733	129	7.5	1,596	92.5	8
Latah	391	28	7.2	363	92.8	-
Lemhi	68	4	5.9	64	94.1	-
Lewis	38	3	7.9	35	92.1	-
Lincoln	59	5	8.5	54	91.5	-
Madison	1,097	67	6.1	1,030	93.9	-
Minidoka	279	21	7.5	258	92.5	-
Nez Perce	457	39	8.6	417	91.4	1
Oneida	56	8	14.3	48	85.7	-
Owyhee	138	17	12.8	116	87.2	5
Payette	286	34	12.0	250	88.0	2
Power	104	9	8.7	95	91.3	-
Shoshone	162	18	11.1	144	88.9	-
Teton	125	11	8.8	114	91.2	-
Twin Falls	1,152	104	9.0	1,047	91.0	1
Valley	107	4	3.7	103	96.3	-
Washington	109	2	1.9	106	98.1	1

1. For both U.S. and Idaho data, the primary measure used to determine the gestational age of the newborn is the obstetric estimate (OE). Prior to 2014, the primary measure used to determine the gestational age of the newborn was based on the date of the mother's last normal menses and the baby's birth date. Preterm data using the two methods are not comparable. Prior year's data based on the obstetric estimate are available upon request. For more information, see Technical Notes.

2. U.S. percentages are based on final 2018 data, released by the National Vital Statistics Reports, National Center for Health Statistics, Vol. 68/No. 13, November 27, 2019. Percentages based on records with stated gestational age.

**IDAHO RESIDENT LIVE BIRTHS
Number and Percent of Births by Plurality
2018**

RESIDENCE	PLURALITY					
	Single		Twin		Triplet/+ ¹	
	Number	Percent	Number	Percent	Number	Percent
IDAHO	20,693	96.7%	701	3.3%	12	0.1%
District 1	2,472	97.1	74	2.9	-	-
District 2	1,059	96.7	36	3.3	-	-
District 3	3,563	97.0	108	2.9	3	0.1
District 4	5,205	95.8	224	4.1	3	0.1
District 5	2,541	96.8	84	3.2	-	-
District 6	2,176	96.5	75	3.3	3	0.1
District 7	3,677	97.3	100	2.6	3	0.1

**IDAHO RESIDENT LIVE BIRTHS
Number and Percent of Births by Plurality by Gestational Age
2018**

GESTATIONAL AGE ²	PLURALITY					
	Single		Twin		Triplet/+ ¹	
	Number	Percent	Number	Percent	Number	Percent
TOTAL	20,693	100.0%	701	100.0%	12	100.0%
<37 Completed weeks gestation (Preterm births)	1,491	7.2	431	61.5	12	100.0
37+ Completed weeks gestation (Term births)	19,159	92.8	270	38.5	-	-
Gestational age not stated	43	NA	-	NA	-	NA

**IDAHO RESIDENT LIVE BIRTHS
Number and Percent of Births by Plurality by Birthweight
2018**

BIRTHWEIGHT	PLURALITY					
	Single		Twin		Triplet/+ ¹	
	Number	Percent	Number	Percent	Number	Percent
TOTAL	20,693	100.0%	701	100.0%	12	100.0%
Total low birthweight	1,159	5.6	387	55.2	12	100.0
<1,500 grams	175	0.8	48	6.8	6	50.0
1,500 - 2,499 grams	984	4.8	339	48.4	6	50.0
2,500+ grams	19,527	94.4	314	44.8	-	-
Birthweight not stated	7	NA	-	NA	-	NA

1. Triplet/+: includes triplets, quadruplets, and other high-order multiple births.

2. Gestational age is based on the obstetric estimate (OE) at birth. Prior to 2014, the primary measure used to determine the gestational age of the newborn was based on the date of the mother's last normal menses and the baby's birth date. Gestational age using the two methods is not 100 percent comparable. For more information, see Technical Notes.

Percentages based on records with stated gestational age or birthweight. NA: not applicable.

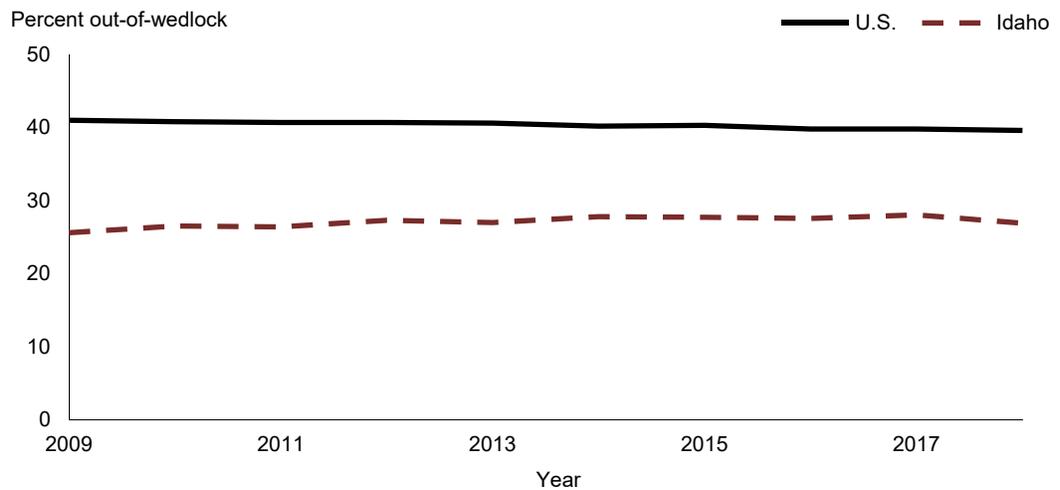
OUT-OF-WEDLOCK BIRTHS

U.S., Idaho, and Idaho Health Districts

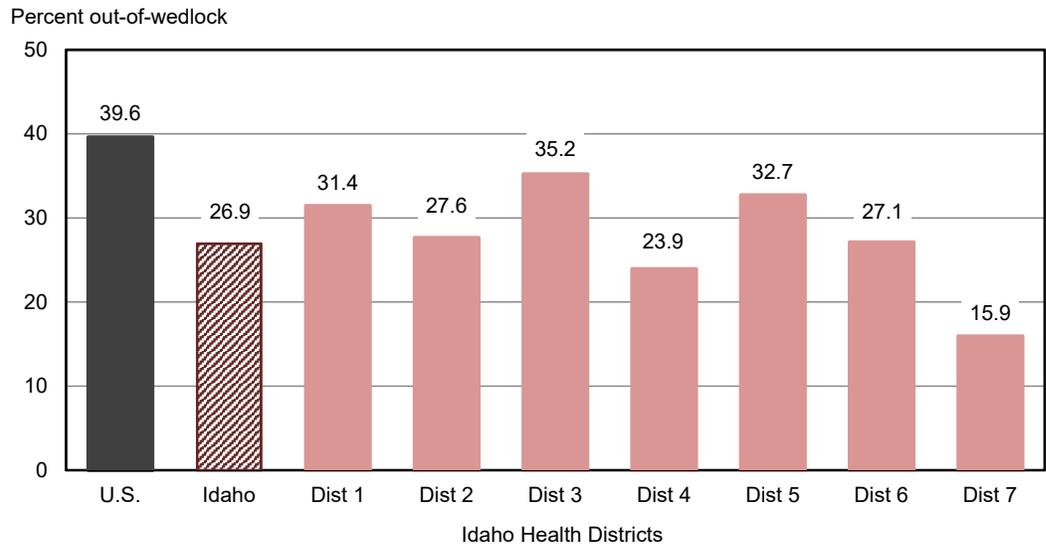
In Idaho, the number of out-of-wedlock births increased each year from 1998 to 2008 and fluctuated slightly from 2009 to 2018. The number of out-of-wedlock births decreased by 446 (7.2 percent) from 6,204 in 2017 to 5,758 in 2018.

From 2009 to 2018, U.S. percentages of out-of-wedlock births has consistently been higher than Idaho, while the 2018 U.S.² percent (39.6) was nearly 1.5 times greater than Idaho's percent (26.9). From 2017 to 2018 in Idaho, the percentage of out-of-wedlock births decreased in all seven Idaho Health Districts. In 2018, District 3 recorded the highest proportion of out-of-wedlock live births (35.2 percent) followed by District 5 (32.7 percent); District 7 recorded the lowest proportion of out-of-wedlock births (15.9) followed by District 4 (23.9).

PERCENT OUT-OF-WEDLOCK BIRTHS 2009-2018 U.S. and Idaho



PERCENT OUT-OF-WEDLOCK BIRTHS 2018 U.S.², Idaho, and Idaho Health Districts



Idaho Counties

In Idaho, Camas county did not have any out-of-wedlock births while counties with the highest percentages of out-of-wedlock births were Lewis (47.4 percent), Shoshone (46.3 percent), and Lincoln (44.1 percent). The lowest percentages occurred in Madison (3.3 percent), Franklin (14.9 percent), and Caribou (15.2 percent) counties. For the greatest changes in number of out-of-wedlock births from 2017 to 2018, Canyon county had the greatest decrease (115 fewer) followed by Twin Falls county (60 fewer) while Shoshone had the greatest increase (18 more) followed by Jerome county (16 more).

U.S. and Idaho Race/Ethnicity

In 2017, U.S. out-of-wedlock birth data for maternal race comparable to Idaho out-of-wedlock birth data for maternal race was discontinued from publishing among two U.S. data sources used throughout this report. Because of these changes in U.S. reporting, data in 2016 and prior are not directly comparable to data in and after 2017. Additionally, 2017 and 2018 U.S. out-of-wedlock birth data by maternal race is not provided in the below table. Please see Technical Notes for more details.

By race and ethnicity, 2018 Idaho resident out-of-wedlock percentages increased for Black (7.3 percent), “other race” (6.2 percent), and Asian or Pacific Islander (API) (2.3 percent) mothers while they decreased for American Indian or Alaska Native (AIAN) (16.5 percent), White (4.6 percent), and Hispanic (0.9 percent) mothers. Moreover, the 2018 out-of-wedlock percentage decreases for AIAN and White mothers were the largest to occur out of all race categories from 2014 through 2018. API mothers had the lowest out-of-wedlock birth percentages compared to all other race categories and yet, was the only category to increase every year from 2014 through 2018. Additionally, API mothers had the largest out-of-wedlock percentage increases, occurring in 2016 (11.8 percent) and 2017 (14.5 percent), followed by Black mothers, occurring in 2017 (7.8 percent) and 2018 (7.3 percent). When making comparisons, keep in mind that Idaho has a predominantly white population; the usually higher rates for most other races/ethnicities have less effect on the overall rate in Idaho. Note, Idaho has relatively small numbers for non-white rates; some yearly fluctuation can be expected.

RACE/ETHNICITY – SPECIFIC PERCENTAGES										
Race/Ethnicity	2018 %		2017 %		2016 %		2015 %		2014 %	
	ID	U.S. ²	ID	U.S. ³	ID	U.S. ⁴	ID	U.S. ⁵	ID	U.S. ⁶
Total	26.9	39.6	28.0	39.8	27.6	39.8	27.7	40.3	27.8	40.2
White	24.9	NA	26.1	NA	26.1	35.3	26.3	35.8	26.2	35.7
Black	38.4	NA	35.8	NA	33.2	69.0	33.3	70.1	33.0	70.4
AIAN	58.3	NA	69.8	NA	64.0	65.7	63.7	65.8	66.6	65.7
API	17.8	NA	17.4	NA	15.2	17.1	13.6	16.4	13.3	16.4
Other Race	48.2	NA	45.4	NA	43.3	NA	43.0	NA	44.6	NA
Ethnicity: Hispanic ¹	43.8	NA	44.2	NA	43.5	52.6	45.0	53.0	44.4	52.9

1. Race and Hispanic origin are reported separately on the birth certificate. Women of Hispanic origin are included in appropriate race totals.
2. “Births: Final Data for 2018,” [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 68/No. 13, November 27, 2019.
3. “Births: Final Data for 2017,” [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 67/No. 8, November 7, 2018.
4. “Births: Final Data for 2016,” [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 67/No. 1, January 31, 2018.
5. “Births: Final Data for 2015,” [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 66/No. 1, January 5, 2017.
6. “Births: Final Data for 2014,” [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 64/No. 12, December 23, 2015.

IDAHO RESIDENT OUT-OF-WEDLOCK LIVE BIRTHS
Race and Ethnicity of Mother
2018

RESIDENCE	OUT-OF-WEDLOCK LIVE BIRTHS		RACE						ETHNICITY ²	
	Total	Percent ³	White	Black	American Indian or Alaska Native	Asian or Pacific Islander	Other Race ¹	Not Stated	Non-Hispanic	Hispanic
IDAHO (Percent ³)	5,758	26.9%	4,699 24.9%	122 38.4%	183 58.3%	85 17.8%	649 48.2%	20 NA	4,204 23.6%	1,554 43.8%
District 1	798	31.4	721	8	37	13	18	1	753	45
District 2	302	27.6	262	6	24	3	5	2	282	20
District 3	1,291	35.2	1,048	15	22	13	185	8	783	508
District 4	1,297	23.9	1,081	74	21	28	91	2	1,046	251
District 5	858	32.7	646	10	5	12	184	1	453	405
District 6	610	27.1	465	1	65	10	63	6	481	129
District 7	602	15.9	476	8	9	6	103	-	406	196
Ada	1,148	23.7	951	71	19	27	79	1	927	221
Adams	11	37.9	11	-	-	-	-	-	10	1
Bannock	339	30.6	269	1	44	9	16	-	285	54
Bear Lake	15	19.5	14	-	1	-	-	-	15	-
Benewah	38	41.3	29	-	9	-	-	-	38	-
Bingham	157	26.8	98	-	20	1	33	5	107	50
Blaine	60	30.5	34	1	-	-	24	1	19	41
Boise	17	36.2	17	-	-	-	-	-	17	-
Bonner	124	30.9	119	-	-	3	2	-	119	5
Bonneville	414	22.8	324	8	6	3	73	-	274	140
Boundary	45	29.4	42	-	3	-	-	-	43	2
Butte	7	28.0	7	-	-	-	-	-	7	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	1,017	34.9	808	14	14	12	161	8	588	429
Caribou	15	15.2	15	-	-	-	-	-	15	-
Cassia	109	28.9	98	1	-	1	9	-	51	58
Clark	4	36.4	2	-	1	-	1	-	1	3
Clearwater	19	29.7	18	-	1	-	-	-	15	4
Custer	7	22.6	6	-	-	-	1	-	5	2
Elmore	104	25.0	86	3	2	1	11	1	77	27
Franklin	29	14.9	26	-	-	-	2	1	24	5
Fremont	32	16.9	27	-	-	-	5	-	25	7
Gem	59	30.4	53	-	-	-	6	-	50	9
Gooding	80	44.0	50	-	2	-	28	-	38	42
Idaho	31	21.5	29	-	2	-	-	-	30	1
Jefferson	68	15.3	53	-	1	3	11	-	44	24
Jerome	152	40.5	99	1	1	-	51	-	57	95
Kootenai	516	29.8	457	7	25	10	16	1	478	38
Latah	60	15.3	57	1	-	1	1	-	55	5
Lemhi	19	27.9	18	-	1	-	-	-	18	1
Lewis	18	47.4	12	-	2	1	1	2	17	1
Lincoln	26	44.1	17	-	-	-	9	-	12	14
Madison	36	3.3	32	-	-	-	4	-	27	9
Minidoka	78	28.1	71	-	1	-	6	-	31	47
Nez Perce	174	38.2	146	5	19	1	3	-	165	9
Oneida	11	19.6	11	-	-	-	-	-	10	1
Owyhee	56	40.6	41	1	4	-	10	-	33	23
Payette	101	35.3	91	-	4	1	5	-	66	35
Power	37	35.6	25	-	-	-	12	-	18	19
Shoshone	75	46.3	74	1	-	-	-	-	75	-
Teton	22	17.6	14	-	-	-	8	-	12	10
Twin Falls	353	30.7	277	7	1	11	57	-	245	108
Valley	28	26.2	27	-	-	-	1	-	25	3
Washington	47	43.1	44	-	-	-	3	-	36	11

1. Beginning with 2009, out-of-state births with more than one race are included with "other race"; there were 9 out-of-wedlock, out-of-state births with more than one race.

2. Race and Hispanic origin are reported separately on the birth certificate; Hispanic origin are included in appropriate race totals.

3. Percentages are based on records with stated data for marital status.

NA: not applicable.

IDAHO RESIDENT OUT-OF-WEDLOCK LIVE BIRTHS
Age of Mother
2018

RESIDENCE	TOTAL OUT-OF- WEDLOCK	AGE GROUP									
		<15	15-19			20-24	25-29	30-34	35-39	40-44	45+
			Total	15-17	18-19						
IDAHO	5,758	4	786	195	591	2,041	1,579	839	418	82	6
District 1	798	-	98	23	75	288	239	109	49	14	1
District 2	302	-	35	7	28	126	69	50	15	6	1
District 3	1,291	1	187	49	138	451	351	183	101	16	1
District 4	1,297	-	153	32	121	410	380	208	122	21	2
District 5	858	1	133	39	94	325	207	112	64	16	-
District 6	610	1	92	22	70	228	167	84	34	3	1
District 7	602	1	88	23	65	213	166	93	33	6	-
Ada	1,148	-	125	28	97	364	342	183	111	21	1
Adams	11	-	3	-	3	3	2	3	-	-	-
Bannock	339	1	44	11	33	131	93	50	18	2	-
Bear Lake	15	-	3	-	3	6	5	1	-	-	-
Benewah	38	-	6	2	4	15	10	4	2	1	-
Bingham	157	-	28	4	24	61	42	18	7	-	1
Blaine	60	-	7	2	5	13	10	12	13	5	-
Boise	17	-	3	1	2	1	8	2	3	-	-
Bonner	124	-	11	2	9	55	33	18	4	3	-
Bonneville	414	1	51	9	42	162	119	54	22	3	-
Boundary	45	-	5	-	5	15	17	6	1	-	1
Butte	7	-	-	-	-	1	5	-	1	-	-
Camas	-	-	-	-	-	-	-	-	-	-	-
Canyon	1,017	-	133	36	97	362	279	152	76	15	-
Caribou	15	-	3	3	-	7	2	2	-	1	-
Cassia	109	1	22	12	10	42	24	12	6	2	-
Clark	4	-	-	-	-	1	-	2	1	-	-
Clearwater	19	-	1	-	1	9	2	3	3	1	-
Custer	7	-	-	-	-	4	1	1	1	-	-
Elmore	104	-	23	2	21	36	21	17	6	-	1
Franklin	29	-	5	1	4	10	6	7	1	-	-
Fremont	32	-	6	1	5	11	10	3	2	-	-
Gem	59	-	12	-	12	15	18	8	4	1	1
Gooding	80	-	12	3	9	35	15	8	7	3	-
Idaho	31	-	4	3	1	13	9	5	-	-	-
Jefferson	68	-	18	8	10	20	12	13	4	1	-
Jerome	152	-	30	9	21	66	29	19	7	1	-
Kootenai	516	-	63	17	46	172	156	79	36	10	-
Latah	60	-	8	-	8	26	14	5	5	2	-
Lemhi	19	-	3	1	2	5	5	5	1	-	-
Lewis	18	-	3	1	2	7	2	6	-	-	-
Lincoln	26	-	4	-	4	12	8	2	-	-	-
Madison	36	-	6	3	3	8	12	7	1	2	-
Minidoka	78	-	11	3	8	24	24	9	9	1	-
Nez Perce	174	-	19	3	16	71	42	31	7	3	1
Oneida	11	-	4	1	3	2	2	1	2	-	-
Owyhee	56	1	15	6	9	19	11	5	5	-	-
Payette	101	-	14	4	10	37	28	9	13	-	-
Power	37	-	5	2	3	10	12	5	5	-	-
Shoshone	75	-	13	2	11	31	23	2	6	-	-
Teton	22	-	4	1	3	2	7	8	1	-	-
Twin Falls	353	-	47	10	37	133	97	50	22	4	-
Valley	28	-	2	1	1	9	9	6	2	-	-
Washington	47	-	10	3	7	15	13	6	3	-	-

IDAHO RESIDENT OUT-OF-WEDLOCK LIVE BIRTHS
Live Birth Order by Age of Mother
2018

LIVE BIRTH ORDER	TOTAL OUT-OF-WEDLOCK	AGE GROUP								
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL	5,755	4	195	591	2,041	1,579	839	418	82	6
1	2,539	4	186	501	1,122	451	183	77	14	1
2	1,540	-	8	78	635	512	213	79	15	-
3	910	-	-	8	207	377	213	88	17	-
4	439	-	-	1	55	172	117	78	13	3
5	189	-	-	-	14	44	68	50	13	-
6	77	-	-	-	2	16	30	23	4	2
7	21	-	-	-	-	4	7	7	3	-
8	17	-	-	-	1	-	4	10	2	-
9	2	-	-	-	-	-	-	2	-	-
10-14	4	-	-	-	-	-	2	1	1	-
15+	-	-	-	-	-	-	-	-	-	-
Not stated	17	-	1	3	5	3	2	3	-	-

IDAHO RESIDENT OUT-OF-WEDLOCK LIVE BIRTHS
Number and Percentage of Births Out-of-Wedlock by Age of Mother
2018 U.S. and Idaho

AGE GROUP	IDAHO			U.S. ¹
	Total Live Births	Out-of-Wedlock Live Births	Percent Out-of-Wedlock	Percent Out-of-Wedlock
TOTAL	21,406	5,758	26.9%	39.6%
<15	4	4	100.0	99.8
15-19	971	786	81.0	89.8
15-17	211	195	92.9	97.0
18-19	760	591	77.8	87.5
20-24	5,104	2,041	40.0	66.0
25-29	6,975	1,579	22.7	39.8
30-34	5,338	839	15.7	23.9
35-39	2,538	418	16.5	22.8
40-44	441	82	18.6	NA
45+	28	6	21.4	NA
Not stated	7	3	NA	NA

1. U.S. out-of-wedlock birth percentages are based on final 2018 data, released by the National Vital Statistics Reports, National Center for Health Statistics, Vol. 68/No. 13, November 27, 2019.
 NA: not applicable / not available.

IDAHO RESIDENT LIVE BIRTHS
Risk Factors and Infections Present and/or Treated by Age of Mother
2018

AGE	Total Live Births	Risk Factors In This Pregnancy		Infections Present/Treated During This Pregnancy	
		Number	Percent	Number	Percent
Total	21,406	6,090	28.5%	4,611	21.6%
<15	4	-	-	-	-
15-19	971	128	13.2	229	23.7
15-17	211	25	11.8	47	22.3
18-19	760	103	13.6	182	24.0
20-24	5,104	984	19.3	1,117	21.9
25-29	6,975	1,867	26.8	1,475	21.2
30-34	5,338	1,831	34.3	1,141	21.4
35-39	2,538	1,049	41.4	560	22.2
40-44	441	209	47.4	85	19.3
45+	28	16	57.1	4	14.3
Not stated	7	6	NA	-	NA

Percentages are based on records with stated risk factors and infections reported.

IDAHO RESIDENT LIVE BIRTHS
Risk Factors and Infections Present and/or Treated During This Pregnancy
2018

Risk Factors In This Pregnancy	Number	Infections Present and/or Treated	Number
Total Births	21,406	Total Births	21,406
Births with Risk Factor(s) reported	6,090	Births with Infection(s) of Mother reported	4,611
Diabetes:			
Pregpregnancy (diagnosis prior to this pregnancy)	176	Gonorrhea	37
Gestational (diagnosis in this pregnancy)	1,110	Syphilis	21
Hypertension:		HIV Infection	3
Pregpregnancy (chronic)	246	Herpes Simplex Virus (HSV)	455
Gestational (PIH, preeclampsia)	1,655	Chlamydia	295
Eclampsia	33	Listeria	2
Previous preterm birth	720	Group B Streptococcus	3,491
Other previous poor pregnancy outcome*	336	Cytomegalovirus	1
Pregnancy resulted from infertility treatment:		Parvovirus	1
Fertility-enhancing drugs, Artificial insemination, or intrauterine insemination	140	Toxoplasmosis	-
Assisted reproductive technology (in vitro fertilization (IVF), gamete intrafallopian transfer (GIFT))	277	Hepatitis B	22
Mother had a previous cesarean delivery	2,736	Hepatitis C	57
None of the above	15,295	Other infection not elsewhere specified	614
Risk factors in pregnancy not stated	21	None of the above	16,746
		Infections not stated	49

* Includes perinatal death, small-for-gestational age/intrauterine growth restricted birth.

More than one type of risk factor or infection may be reported for a live birth. For more information, see Technical Notes.

Note: Infection data is collected differently by state and therefore may not be available for out-of-state births.

IDAHO RESIDENT LIVE BIRTHS
Maternal Morbidity and Characteristics of Labor and Delivery by Age of Mother
2018

AGE	Total Live Births	Maternal Morbidity (Complications)		Characteristics of Labor and Delivery	
		Number	Percent	Number	Percent
Total	21,406	333	1.6%	18,340	85.7%
<15	4	-	-	4	100.0
15-19	971	14	1.4	888	91.5
15-17	211	1	0.5	191	90.5
18-19	760	13	1.7	697	91.7
20-24	5,104	94	1.8	4,557	89.3
25-29	6,975	102	1.5	5,946	85.3
30-34	5,338	74	1.4	4,473	83.8
35-39	2,538	38	1.5	2,085	82.2
40-44	441	10	2.3	359	81.4
45+	28	1	3.6	22	78.6
Not stated	7	-	NA	6	NA

Percentages based on records with stated maternal morbidity and characteristics of labor and delivery.
 NA: not applicable.

IDAHO RESIDENT LIVE BIRTHS
Maternal Morbidity and Characteristics of Labor and Delivery
2018

Maternal Morbidity (Complications)	Number	Characteristics of Labor and Delivery	Number
Total Births	21,406	Total Births	21,406
Births with Maternal Morbidity(ies) reported	333	Births with Characteristic(s) reported	18,340
Maternal transfusion	82	Induction of labor	7,176
Third or fourth degree perineal laceration	182	Augmentation of labor	5,671
Ruptured uterus	5	Non-vertex presentation	441
Unplanned hysterectomy	4	Steroids for fetal lung maturation received by mother prior to delivery	1,351
Admission to intensive care unit	27	Antibiotics received by mother during labor	5,141
Unplanned operating room procedure following delivery	77	Clinical chorioamnionitis diagnosed during labor or maternal temperature $\geq 38^{\circ}\text{C}$ (100.4°F)	334
None of the above	21,064	Moderate/heavy meconium staining of the amniotic fluid	1,099
Maternal morbidity not stated	9	Fetal intolerance to labor*	1,100
		Epidural or spinal anesthesia during labor	15,642
		None of the above	3,059
		Characteristic of labor and delivery not stated	7

* Fetal intolerance of labor such that one or more of the following actions was taken: in-utero resuscitative measures, further fetal assessment, or operative delivery.
 More than one complication or characteristic may be reported for a live birth. For more information, see Technical Notes.

IDAHO RESIDENT LIVE BIRTHS Abnormal Conditions of the Newborn 2018

Abnormal Conditions of Newborn	Number
Total Births	21,406
Births with Abnormal Condition(s) reported	3,382
Assisted ventilation required	
Immediately following delivery	1,623
For more than six hours	639
NICU admission	2,447
Newborn given surfactant replacement therapy	134
Antibiotics given for suspected neonatal sepsis	617
Seizure or serious neurologic dysfunction	11
Significant birth injury*	12
Failed newborn hearing test	398
None of the above	17,998
Abnormal conditions not stated	26

* Significant birth injury includes skeletal fracture, peripheral nerve injury, and/or soft tissue/solid organ hemorrhage which requires intervention.

IDAHO RESIDENT LIVE BIRTHS Congenital Anomalies 2018

Congenital Anomalies	Number	Congenital Anomalies	Number
Total Births	21,406	Congenital malformations and deformations of the musculoskeletal system	
Births with Congenital Anomaly(ies) reported	140	Congenital diaphragmatic hernia	7
Congenital malformations of the nervous system		Limb reduction defect	1
Anencephaly	1	Gastroschisis	5
Meningomyelocele/Spina Bifida	6	Omphalocele	3
Congenital malformations of the circulatory system		Down syndrome	
Cyanotic congenital heart disease	47	Karyotype confirmed	9
Cleft lip and cleft palate		Karyotype pending	11
Cleft lip with or without cleft palate	21	Microcephaly*	3
Cleft palate alone	7	Suspected other chromosomal disorder	
Congenital malformations of genital organs		Karyotype confirmed	2
Hypospadias	20	Karyotype pending	18
Male	20	None of the above	21,242
Female	-	Congenital anomalies not stated	24

* In 2018, Microcephaly was added to the Idaho birth certificate and collection of Microcephaly data began in 2018. Congenital anomaly data from 2017 and prior did not capture Microcephaly cases.

More than one type of abnormal condition or congenital anomaly may be reported for a live birth.

For more information, see Technical Notes.

IDAHO RESIDENT LIVE BIRTHS

Method of Delivery

2018 U.S. and Idaho

RESIDENCE	TOTAL LIVE BIRTHS	METHOD OF DELIVERY												Not Stated
		Vaginal Births						Cesarean Births						
		Total Vaginal		Vaginal		VBAC		Total Cesarean		Primary		Repeat		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
U.S.*	3,791,712		68.1		66.0		13.3		31.9		21.7		86.7	1,544
IDAHO	21,406	16,272	76.0	15,665	73.2	607	22.2	5,128	24.0	3,000	16.1	2,128	77.8	6
District 1	2,546	1,887	74.1	1,832	72.0	55	16.2	658	25.9	373	16.9	285	83.8	1
District 2	1,095	827	75.5	789	72.1	38	28.4	268	24.5	172	17.9	96	71.6	-
District 3	3,674	2,849	77.6	2,731	74.4	118	22.9	822	22.4	424	13.4	398	77.1	3
District 4	5,432	4,167	76.7	3,986	73.4	181	26.7	1,265	23.3	769	16.2	496	73.3	-
District 5	2,625	1,930	73.5	1,877	71.5	53	16.9	695	26.5	435	18.8	260	83.1	-
District 6	2,254	1,662	73.8	1,609	71.4	53	17.0	591	26.2	332	17.1	259	83.0	1
District 7	3,780	2,950	78.1	2,841	75.2	109	24.6	829	21.9	495	14.8	334	75.4	1
Ada	4,861	3,737	76.9	3,569	73.4	168	27.2	1,124	23.1	675	15.9	449	72.8	-
Adams	29	25	86.2	23	79.3	2	33.3	4	13.8	-	-	4	66.7	-
Bannock	1,112	829	74.6	812	73.0	17	13.3	283	25.4	172	17.5	111	86.7	-
Bear Lake	77	48	62.3	46	59.7	2	11.1	29	37.7	13	22.0	16	88.9	-
Benewah	92	71	77.2	70	76.1	1	9.1	21	22.8	11	13.6	10	90.9	-
Bingham	587	435	74.2	417	71.2	18	18.2	151	25.8	70	14.4	81	81.8	1
Blaine	197	136	69.0	134	68.0	2	6.9	61	31.0	34	20.2	27	93.1	-
Boise	47	33	70.2	31	66.0	2	33.3	14	29.8	10	24.4	4	66.7	-
Bonner	405	307	75.8	294	72.6	13	23.6	98	24.2	56	16.0	42	76.4	-
Bonneville	1,815	1,375	75.8	1,324	72.9	51	21.3	440	24.2	252	16.0	188	78.7	-
Boundary	154	116	75.3	111	72.1	5	21.7	38	24.7	20	15.3	18	78.3	-
Butte	25	20	80.0	19	76.0	1	33.3	5	20.0	3	13.6	2	66.7	-
Camas	4	4	100.0	4	100.0	-	-	-	-	-	-	-	-	-
Canyon	2,918	2,275	78.0	2,173	74.5	102	24.5	641	22.0	326	13.0	315	75.5	2
Caribou	99	70	70.7	67	67.7	3	16.7	29	29.3	14	17.3	15	83.3	-
Cassia	377	290	76.9	283	75.1	7	19.4	87	23.1	58	17.0	29	80.6	-
Clark	11	9	81.8	8	72.7	1	50.0	2	18.2	1	11.1	1	50.0	-
Clearwater	65	45	69.2	43	66.2	2	20.0	20	30.8	12	21.8	8	80.0	-
Custer	31	25	80.6	25	80.6	-	-	6	19.4	3	10.7	3	100.0	-
Elmore	417	304	72.9	296	71.0	8	18.6	113	27.1	78	20.9	35	81.4	-
Franklin	194	130	67.0	124	63.9	6	23.1	64	33.0	44	26.2	20	76.9	-
Fremont	189	147	77.8	144	76.2	3	14.3	42	22.2	24	14.3	18	85.7	-
Gem	194	150	77.3	144	74.2	6	25.0	44	22.7	26	15.3	18	75.0	-
Gooding	182	137	75.3	135	74.2	2	9.5	45	24.7	26	16.1	19	90.5	-
Idaho	144	115	79.9	108	75.0	7	38.9	29	20.1	18	14.3	11	61.1	-
Jefferson	444	346	77.9	327	73.6	19	28.8	98	22.1	51	13.5	47	71.2	-
Jerome	375	273	72.8	263	70.1	10	19.2	102	27.2	60	18.6	42	80.8	-
Kootenai	1,733	1,279	73.8	1,245	71.9	34	14.9	453	26.2	259	17.2	194	85.1	1
Latah	391	268	68.5	250	63.9	18	29.0	123	31.5	79	24.0	44	71.0	-
Lemhi	68	55	80.9	53	77.9	2	28.6	13	19.1	8	13.1	5	71.4	-
Lewis	38	32	84.2	32	84.2	-	-	6	15.8	3	8.6	3	100.0	-
Lincoln	59	44	74.6	43	72.9	1	20.0	15	25.4	11	20.4	4	80.0	-
Madison	1,097	899	82.0	871	79.5	28	32.2	197	18.0	138	13.7	59	67.8	1
Minidoka	279	213	76.3	211	75.6	2	6.5	66	23.7	37	14.9	29	93.5	-
Nez Perce	457	367	80.3	356	77.9	11	26.8	90	19.7	60	14.4	30	73.2	-
Oneida	56	46	82.1	45	80.4	1	16.7	10	17.9	5	10.0	5	83.3	-
Owyhee	138	110	79.7	109	79.0	1	7.1	28	20.3	15	12.1	13	92.9	-
Payette	286	202	70.9	197	69.1	5	11.9	83	29.1	46	18.9	37	88.1	1
Power	104	84	80.8	79	76.0	5	35.7	20	19.2	11	12.2	9	64.3	-
Shoshone	162	114	70.4	112	69.1	2	8.7	48	29.6	27	19.4	21	91.3	-
Teton	125	94	75.2	89	71.2	5	27.8	31	24.8	18	16.8	13	72.2	-
Twin Falls	1,152	833	72.3	804	69.8	29	20.9	319	27.7	209	20.6	110	79.1	-
Valley	107	93	86.9	90	84.1	3	27.3	14	13.1	6	6.3	8	72.7	-
Washington	109	87	79.8	85	78.0	2	15.4	22	20.2	11	11.5	11	84.6	-

* U.S. rates are based on final 2018 data, released by the National Vital Statistics Reports, National Center for Health Statistics Vol. 68/No. 13, November 27, 2019.

VBAC: Vaginal birth after previous cesarean. See Technical Notes for formulas. NA: not applicable.

IDAHO RESIDENT LIVE BIRTHS
Number and Rate of Births by Method of Delivery and Birthweight
2018

BIRTHWEIGHT*	TOTAL LIVE BIRTHS	METHOD OF DELIVERY												
		Vaginal Births						Cesarean Births						Not Stated
		Total Vaginal		Vaginal ¹		VBAC ²		Total Cesarean		Primary		Repeat		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
TOTAL	21,406	16,272	76.0	15,665	73.2	607	22.2	5,128	24.0	3,000	16.1	2,128	77.8	6
Total low birthweight	1,558	848	54.4	802	51.5	46	21.9	710	45.6	546	40.5	164	78.1	-
Very low birthweight	229	93	40.6	84	36.7	9	28.1	136	59.4	113	57.4	23	71.9	-
Moderately low birthweight	1,329	755	56.8	718	54.0	37	20.8	574	43.2	433	37.6	141	79.2	-
Normal birthweight	18,159	14,212	78.3	13,715	75.5	497	22.0	3,943	21.7	2,181	13.7	1,762	78.0	4
Heavy birthweight	1,682	1,207	71.8	1,143	68.0	64	24.1	475	28.2	273	19.3	202	75.9	-
Not Stated	7	5	NA	5	NA	-	NA	-	NA	-	NA	-	NA	2

* Low birthweight (less than 2,500 grams); very low birthweight (less than 1,500 grams); moderately low birthweight (1,500-2,499 grams); normal birthweight (2,500-3,999 grams); and heavy birthweight (4,000 grams or more).
See below for definition of rates by method of delivery; rates are based on records with known method of delivery. NA: not applicable.

IDAHO RESIDENT LIVE BIRTHS
Number and Rate of Births by Method of Delivery and Gestational Age
2018

GESTATIONAL AGE ³	TOTAL LIVE BIRTHS	METHOD OF DELIVERY												
		Vaginal Births						Cesarean Births						Not Stated
		Total Vaginal		Vaginal ¹		VBAC ²		Total Cesarean		Primary		Repeat		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
TOTAL	21,406	16,272	76.0	15,665	73.2	607	22.2	5,128	24.0	3,000	16.1	2,128	77.8	6
Preterm: Total < 37 weeks	1,934	1,042	53.9	986	51.0	56	17.8	892	46.1	633	39.1	259	82.2	-
Under 32 weeks	265	112	42.3	104	39.2	8	17.8	153	57.7	116	52.7	37	82.2	-
32-33 weeks	198	98	49.5	89	44.9	9	30.0	100	50.5	79	47.0	21	70.0	-
34-36 weeks	1,471	832	56.6	793	53.9	39	16.3	639	43.4	438	35.6	201	83.8	-
Term - Total 37-41 weeks	19,359	15,130	78.2	14,582	75.3	548	22.7	4,225	21.8	2,357	13.9	1,868	77.3	4
37-38 weeks	5,407	4,095	75.7	3,952	73.1	143	20.2	1,311	24.3	745	15.9	566	79.8	1
39-41 weeks	13,952	11,035	79.1	10,630	76.2	405	23.7	2,914	20.9	1,612	13.2	1,302	76.3	3
Postterm: 42 weeks+	70	60	85.7	58	82.9	2	66.7	10	14.3	9	13.4	1	33.3	-
Not Stated	43	40	NA	39	NA	1	NA	1	NA	1	NA	-	NA	2

- Vaginal births, not including VBAC.
- VBAC: Vaginal birth after previous cesarean.
Rates are based on records with known data for method of delivery. NA: not applicable.
Total vaginal rate: Number of vaginal deliveries per 100 births.
Vaginal, non-VBAC rate: Number of vaginal, non-VBAC deliveries per 100 births.
Vaginal birth after previous cesarean (VBAC): Number of vaginal deliveries per 100 births to women with a previous cesarean.
Total cesarean rate: Number of cesarean deliveries per 100 births.
Primary cesarean rate: Number of primary cesarean deliveries per 100 births to women who had no previous cesareans.
Repeat cesarean rate: Number of repeat cesarean deliveries per 100 births to women with a previous cesarean.
- Gestational age is based on the obstetric estimate (OE) at birth. Prior to 2014, the primary measure used to determine the gestational age of the newborn was based on the date of the mother's last normal menses and the baby's birth date. Gestational age using the two methods is not 100 percent comparable. For more information, see Technical Notes.

IDAHO RESIDENT LIVE BIRTHS

Number and Rate of Births by Method of Delivery and Main Payment Source for Delivery¹ 2018

METHOD OF PAYMENT	TOTAL LIVE BIRTHS	METHOD OF DELIVERY												
		Vaginal Births						Cesarean Births						Not Stated
		Total Vaginal		Vaginal		VBAC		Total Cesarean		Primary		Repeat		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
TOTAL	21,406	16,272	76.0	15,665	73.2	607	22.2	5,128	24.0	3,000	16.1	2,128	77.8	6
Self-Pay	1,309	1,129	86.2	1,074	82.0	55	40.7	180	13.8	100	8.5	80	59.3	-
Private Insurance	11,689	8,793	75.2	8,484	72.6	309	20.9	2,895	24.8	1,729	16.9	1,166	79.1	1
Medicaid ²	7,491	5,656	75.5	5,436	72.6	220	21.6	1,833	24.5	1,033	16.0	800	78.4	2
Other Government ³	584	429	73.5	410	70.2	19	27.5	155	26.5	105	20.4	50	72.5	-
Not Applicable, Other or None	312	251	80.7	247	79.4	4	11.1	60	19.3	28	10.2	32	88.9	1
Not Stated	21	14	NA	14	NA	-	NA	5	NA	5	NA	-	NA	2

1. Payment source for delivery at time birth record is filed with the State. Payment source may change after record is filed with the state.
2. Data for Medicaid-paid deliveries may differ from Medicaid statistics.
3. Other government includes Indian Health Services, CHAMPUS/TRICARE, and other government (federal, state, local).
See below for definition of rates by method of delivery; rates are based on records with known method of delivery. NA: not applicable.

IDAHO RESIDENT LIVE BIRTHS

Number and Rate of Births by Method of Delivery and Age of Mother 2018

AGE GROUP	TOTAL LIVE BIRTHS	METHOD OF DELIVERY												
		Vaginal Births						Cesarean Births						Not Stated
		Total Vaginal		Vaginal ¹		VBAC ²		Total Cesarean		Primary		Repeat		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
TOTAL	21,406	16,272	76.0	15,665	73.2	607	22.2	5,128	24.0	3,000	16.1	2,128	77.8	6
<15	4	3	75.0	3	75.0	-	-	1	25.0	1	25.0	-	-	-
15-19	971	817	84.1	814	83.8	3	18.8	154	15.9	141	14.8	13	81.3	-
15-17	211	183	86.7	183	86.7	-	-	28	13.3	28	13.3	-	-	-
18-19	760	634	83.4	631	83.0	3	18.8	126	16.6	113	15.2	13	81.3	-
20-24	5,104	4,137	81.1	4,078	79.9	59	18.4	965	18.9	703	14.7	262	81.6	2
25-29	6,975	5,368	77.0	5,185	74.4	183	21.0	1,605	23.0	918	15.0	687	79.0	2
30-34	5,338	3,895	73.0	3,672	68.8	223	24.5	1,441	27.0	752	17.0	689	75.5	2
35-39	2,538	1,756	69.2	1,644	64.8	112	22.0	782	30.8	385	19.0	397	78.0	-
40-44	441	274	62.1	247	56.0	27	26.0	167	37.9	90	26.7	77	74.0	-
45+	28	18	64.3	18	64.3	-	-	10	35.7	8	30.8	2	100.0	-
Not Stated	7	4	NA	4	NA	-	NA	3	NA	2	NA	1.0	NA	-

1. Vaginal births, not including VBAC.
2. VBAC: Vaginal birth after previous cesarean.
Rates are based on records with known data for method of delivery. NA: not applicable.
Total vaginal rate: Number of vaginal deliveries per 100 births.
Vaginal, non-VBAC rate: Number of vaginal, non-VBAC deliveries per 100 births.
Vaginal birth after previous cesarean (VBAC): Number of vaginal deliveries per 100 births to women with a previous cesarean.
Total cesarean rate: Number of cesarean deliveries per 100 births.
Primary cesarean rate: Number of primary cesarean deliveries per 100 births to women who had no previous cesareans.
Repeat cesarean rate: Number of repeat cesarean deliveries per 100 births to women with a previous cesarean.

IDAHO RESIDENT LIVE BIRTHS
Number and Percentage of Births by Main Payment Source for Delivery¹
By Birth Attendant
2018

BIRTH ATTENDANT	TOTAL LIVE BIRTHS	PAYMENT FOR DELIVERY										Not Stated
		Self-pay		Private Insurance		Medicaid ²		Other Government ³		Not Applicable, Other, or None		
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-
Physician (M.D., D.O.)	-	-	-	-	-	-	-	-	-	-	-	-
Certified Nurse Midwife	-	-	-	-	-	-	-	-	-	-	-	-
Nurse	-	-	-	-	-	-	-	-	-	-	-	-
Licensed Midwife	-	-	-	-	-	-	-	-	-	-	-	-
Lay Midwife	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-
Not Stated	-	-	NA	-	NA	-	NA	-	NA	-	NA	-

IDAHO RESIDENT LIVE BIRTHS
Number and Percentage of Births by Main Payment Source for Delivery¹
By Age of Mother
2018

AGE GROUP	TOTAL LIVE BIRTHS	PAYMENT FOR DELIVERY										Not Stated
		Self-pay		Private Insurance		Medicaid ²		Other Government ³		Not Applicable, Other, or None		
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
TOTAL	21,406	1,309	6.1%	11,689	54.7%	7,491	35.0%	584	2.7%	312	1.5%	21
<15	4	-	-	-	-	4	100.0	-	-	-	-	-
15-19	971	37	3.8	177	18.2	726	74.8	22	2.3	8	0.8	1
15-17	211	8	3.8	36	17.1	161	76.3	2	0.9	4	1.9	-
18-19	760	29	3.8	141	18.6	565	74.4	20	2.6	4	0.5	1
20-24	5,104	259	5.1	2,168	42.5	2,480	48.6	123	2.4	72	1.4	2
25-29	6,975	396	5.7	3,934	56.5	2,339	33.6	196	2.8	99	1.4	11
30-34	5,338	374	7.0	3,491	65.4	1,225	23.0	171	3.2	75	1.4	2
35-39	2,538	186	7.3	1,626	64.2	611	24.1	63	2.5	47	1.9	5
40-44	441	55	12.5	268	60.8	100	22.7	9	2.0	9	2.0	-
45+	28	2	7.1	21	75.0	3	10.7	-	-	2	7.1	-
Not Stated	7	-	NA	4	NA	3	NA	-	NA	-	NA	-

1. Payment source for delivery at time birth record is filed with the State. Payment source may change after record is filed with the state.
2. Data for Medicaid-paid deliveries may differ from Medicaid statistics.
3. Other government includes Indian Health Services, CHAMPUS/TRICARE, and other government (federal, state, local). Percentages are based on records with stated data for payment of delivery. NA: not applicable.

IDAHO RESIDENT LIVE BIRTHS
Main Payment Source for Delivery¹
2018

RESIDENCE	TOTAL LIVE BIRTHS	PAYMENT FOR DELIVERY										Not Stated
		Self-pay		Private Insurance		Medicaid ²		Other Government ³		Not Applicable, Other, or None		
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
IDAHO	21,406	1,309	6.1%	11,689	54.7%	7,491	35.0%	584	2.7%	312	1.5%	21
District 1	2,546	219	8.6	1,348	53.2	894	35.3	57	2.3	14	0.6	14
District 2	1,095	83	7.6	632	57.8	333	30.4	32	2.9	14	1.3	1
District 3	3,674	294	8.0	1,652	45.0	1,597	43.5	61	1.7	66	1.8	4
District 4	5,432	200	3.7	3,297	60.7	1,546	28.5	338	6.2	51	0.9	-
District 5	2,625	260	9.9	1,215	46.3	1,056	40.2	33	1.3	61	2.3	-
District 6	2,254	83	3.7	1,267	56.3	760	33.7	47	2.1	95	4.2	2
District 7	3,780	170	4.5	2,278	60.3	1,305	34.5	16	0.4	11	0.3	-
Ada	4,861	180	3.7	3,118	64.1	1,360	28.0	161	3.3	42	0.9	-
Adams	29	5	17.2	9	31.0	13	44.8	1	3.4	1	3.4	-
Bannock	1,112	22	2.0	596	53.6	413	37.1	15	1.3	66	5.9	-
Bear Lake	77	1	1.3	56	72.7	17	22.1	2	2.6	1	1.3	-
Benewah	92	9	9.8	39	42.4	38	41.3	6	6.5	-	-	-
Bingham	587	28	4.8	334	56.9	208	35.4	8	1.4	9	1.5	-
Blaine	197	15	7.6	127	64.5	53	26.9	-	-	2	1.0	-
Boise	47	1	2.1	29	61.7	17	36.2	-	-	-	-	-
Bonner	405	48	11.9	192	47.5	154	38.1	5	1.2	5	1.2	1
Bonneville	1,815	50	2.8	1,034	57.0	717	39.5	9	0.5	5	0.3	-
Boundary	154	27	17.5	64	41.6	59	38.3	2	1.3	2	1.3	-
Butte	25	2	8.0	14	56.0	8	32.0	1	4.0	-	-	-
Camas	4	-	-	3	75.0	1	25.0	-	-	-	-	-
Canyon	2,918	240	8.2	1,327	45.5	1,263	43.3	45	1.5	39	1.3	4
Caribou	99	4	4.0	67	67.7	19	19.2	1	1.0	8	8.1	-
Cassia	377	76	20.2	166	44.0	118	31.3	2	0.5	15	4.0	-
Clark	11	3	27.3	5	45.5	3	27.3	-	-	-	-	-
Clearwater	65	1	1.5	28	43.1	31	47.7	4	6.2	1	1.5	-
Custer	31	2	6.5	17	54.8	11	35.5	1	3.2	-	-	-
Elmore	417	11	2.6	94	22.5	131	31.4	174	41.7	7	1.7	-
Franklin	194	19	9.8	123	63.7	31	16.1	13	6.7	7	3.6	1
Fremont	189	12	6.3	119	63.0	57	30.2	1	0.5	-	-	-
Gem	194	15	7.7	80	41.2	88	45.4	7	3.6	4	2.1	-
Gooding	182	18	9.9	63	34.6	93	51.1	-	-	8	4.4	-
Idaho	144	16	11.1	78	54.2	38	26.4	6	4.2	6	4.2	-
Jefferson	444	34	7.7	274	61.7	129	29.1	3	0.7	4	0.9	-
Jerome	375	42	11.2	140	37.3	179	47.7	6	1.6	8	2.1	-
Kootenai	1,733	125	7.3	988	57.4	560	32.5	42	2.4	6	0.3	12
Latah	391	48	12.3	241	61.8	90	23.1	8	2.1	3	0.8	1
Lemhi	68	5	7.4	34	50.0	27	39.7	1	1.5	1	1.5	-
Lewis	38	3	7.9	13	34.2	20	52.6	2	5.3	-	-	-
Lincoln	59	6	10.2	15	25.4	36	61.0	1	1.7	1	1.7	-
Madison	1,097	50	4.6	712	64.9	334	30.4	1	0.1	-	-	-
Minidoka	279	46	16.5	128	45.9	95	34.1	1	0.4	9	3.2	-
Nez Perce	457	15	3.3	272	59.5	154	33.7	12	2.6	4	0.9	-
Oneida	56	4	7.3	31	56.4	13	23.6	7	12.7	-	-	1
Owyhee	138	14	10.1	50	36.2	62	44.9	2	1.4	10	7.2	-
Payette	286	16	5.6	142	49.7	114	39.9	4	1.4	10	3.5	-
Power	104	3	2.9	46	44.2	51	49.0	-	-	4	3.8	-
Shoshone	162	10	6.2	65	40.4	83	51.6	2	1.2	1	0.6	1
Teton	125	14	11.2	83	66.4	27	21.6	-	-	1	0.8	-
Twin Falls	1,152	57	4.9	573	49.7	481	41.8	23	2.0	18	1.6	-
Valley	107	8	7.5	56	52.3	38	35.5	3	2.8	2	1.9	-
Washington	109	4	3.7	44	40.4	57	52.3	2	1.8	2	1.8	-

1. Payment source for delivery at time birth record is filed with the State. Payment source may change after record is filed with the state
2. Data for Medicaid-paid deliveries may differ from Medicaid statistics.
3. Other government includes Indian Health Services, CHAMPUS/TRICARE, and other government (federal, state, local)
Percentages are based on records with stated data for payment of delivery

IDAHO RESIDENT LIVE BIRTHS
Cigarette Smoking Before and During Pregnancy
2018

RESIDENCE	CIGARETTE SMOKING									
	Three Months Before Pregnancy		During Pregnancy							
			Any Time During Pregnancy		First Three Months of Pregnancy		Second Three Months of Pregnancy		Third Three Months of Pregnancy	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
IDAHO	2,354	11.0%	1,715	8.0%	1,673	7.8%	1,345	6.3%	1,263	5.9%
District 1	402	15.9	289	11.4	281	11.1	222	8.8	215	8.5
District 2	147	13.4	122	11.2	119	10.9	105	9.6	102	9.3
District 3	460	12.6	350	9.6	343	9.4	284	7.8	258	7.0
District 4	497	9.2	335	6.2	323	5.9	248	4.6	231	4.3
District 5	310	11.8	225	8.6	219	8.4	172	6.6	164	6.3
District 6	281	12.5	209	9.3	205	9.1	173	7.7	163	7.3
District 7	257	6.8	185	4.9	183	4.8	141	3.7	130	3.4
Ada	415	8.5	278	5.7	266	5.5	203	4.2	189	3.9
Adams	4	13.8	4	13.8	4	13.8	4	13.8	3	10.3
Bannock	157	14.1	118	10.6	115	10.4	103	9.3	93	8.4
Bear Lake	16	20.8	13	16.9	13	16.9	11	14.3	11	14.3
Benewah	21	23.6	17	19.1	17	19.1	12	13.5	12	13.5
Bingham	65	11.1	42	7.2	41	7.0	31	5.3	32	5.5
Blaine	14	7.2	8	4.1	6	3.1	3	1.5	4	2.1
Boise	6	12.8	4	8.5	4	8.5	1	2.1	1	2.1
Bonner	58	14.4	46	11.4	45	11.2	37	9.2	37	9.2
Bonneville	187	10.3	135	7.4	133	7.3	104	5.7	91	5.0
Boundary	21	13.7	15	9.8	15	9.8	12	7.8	12	7.8
Butte	3	12.0	2	8.0	2	8.0	1	4.0	1	4.0
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	330	11.3	250	8.6	243	8.4	194	6.7	177	6.1
Caribou	10	10.1	7	7.1	7	7.1	4	4.0	3	3.0
Cassia	33	8.8	23	6.1	23	6.1	16	4.2	15	4.0
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	15	23.1	10	15.4	10	15.4	9	13.8	9	13.8
Custer	4	12.9	3	9.7	3	9.7	3	9.7	3	9.7
Elmore	61	14.6	40	9.6	40	9.6	34	8.2	31	7.4
Franklin	11	5.8	9	4.8	9	4.8	9	4.8	9	4.8
Fremont	9	4.8	8	4.2	8	4.2	6	3.2	6	3.2
Gem	33	17.0	21	10.8	21	10.8	20	10.3	19	9.8
Gooding	22	12.1	18	9.9	17	9.3	13	7.1	14	7.7
Idaho	13	9.0	12	8.3	11	7.6	10	6.9	11	7.6
Jefferson	28	6.3	18	4.1	18	4.1	13	2.9	14	3.2
Jerome	34	9.1	23	6.1	23	6.1	20	5.3	19	5.1
Kootenai	253	14.6	169	9.8	166	9.6	129	7.5	120	6.9
Latah	35	9.0	26	6.7	25	6.4	20	5.1	21	5.4
Lemhi	13	19.1	12	17.6	12	17.6	9	13.2	9	13.2
Lewis	11	29.7	10	27.0	10	27.0	6	16.2	6	16.2
Lincoln	8	13.8	6	10.3	6	10.3	4	6.9	4	6.9
Madison	12	1.1	9	0.8	9	0.8	6	0.5	7	0.6
Minidoka	27	9.7	21	7.5	21	7.5	16	5.7	13	4.7
Nez Perce	73	16.0	64	14.0	63	13.8	60	13.1	55	12.0
Oneida	5	8.9	5	8.9	5	8.9	5	8.9	5	8.9
Owyhee	23	16.9	17	12.5	17	12.5	14	10.3	10	7.4
Payette	49	17.1	41	14.3	41	14.3	35	12.2	33	11.5
Power	14	13.5	13	12.5	13	12.5	9	8.7	9	8.7
Shoshone	49	30.4	42	26.1	38	23.6	32	19.9	34	21.1
Teton	4	3.2	-	-	-	-	-	-	-	-
Twin Falls	172	14.9	126	10.9	123	10.7	100	8.7	95	8.2
Valley	15	14.0	13	12.1	13	12.1	10	9.3	10	9.3
Washington	21	19.4	17	15.7	17	15.7	17	15.7	16	14.8

Percentages are based on records with stated data for cigarette smoking. For more information, see Technical Notes.

IDAHO RESIDENT LIVE BIRTHS
Number and Percentage of Births by Mother's Cigarette Smoking
During Pregnancy and Age of Mother
2018

AGE GROUP	TOTAL LIVE BIRTHS	CIGARETTE SMOKING DURING PREGNANCY				
		Yes		No		Not Stated
		Number	Percent	Number	Percent	
TOTAL	21,406	1,715	8.0%	19,652	92.0%	39
<15	4	-	-	4	100.0	-
15-19	971	158	16.3	809	83.7	4
15-17	211	25	12.0	184	88.0	2
18-19	760	133	17.5	625	82.5	2
20-24	5,104	539	10.6	4,555	89.4	10
25-29	6,975	568	8.2	6,396	91.8	11
30-34	5,338	296	5.6	5,034	94.4	8
35-39	2,538	133	5.3	2,400	94.7	5
40-44	441	20	4.5	420	95.5	1
45+	28	1	3.6	27	96.4	-
Not Stated	7	-	NA	7	NA	-

Percentages are based on records with stated cigarette smoking data. NA: not applicable.

IDAHO RESIDENT LIVE BIRTHS
Number and Percentage of Births by Mother's Cigarette Smoking
During Pregnancy and Race and Ethnicity of Mother¹
2018

RACE AND ETHNICITY	TOTAL LIVE BIRTHS	CIGARETTE SMOKING DURING PREGNANCY				
		Yes		No		Not Stated
		Number	Percent	Number	Percent	
TOTAL	21,406	1,715	8.0%	19,652	92.0%	39
Race						
White	18,879	1,602	8.5	17,257	91.5	20
Black	318	15	4.7	303	95.3	-
American Indian or Alaska Native	315	42	13.6	266	86.4	7
Asian or Pacific Islander	479	17	3.5	462	96.5	-
Other Race	1,349	37	2.8	1,308	97.2	4
Race not stated	66	2	NA	56	NA	8
Ethnicity ²						
Non-Hispanic	17,858	1,559	8.7	16,267	91.3	32
Hispanic	3,548	156	4.4	3,385	95.6	7
Ethnicity not stated	-	-	NA	-	NA	-

1. Beginning with 2009, out-of-state births with more than one race are included with "other race".

2. Race and Hispanic origin are reported separately on the birth certificate; Hispanic mothers are included in the appropriate race totals.

Percentages are based on records with stated cigarette smoking data. NA: not applicable.

IDAHO RESIDENT LIVE BIRTHS
Number and Percentage of Births by Pre-Pregnancy Body Mass Index¹ (BMI)
2018

RESIDENCE	TOTAL LIVE BIRTHS	BODY MASS INDEX ²								
		Underweight		Normal Weight		Overweight		Obese		Not Stated
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	
IDAHO	21,406	617	2.9%	9,366	44.4%	5,542	26.2%	5,589	26.5%	292
District 1	2,546	90	3.6	1,208	47.8	615	24.3	613	24.3	20
District 2	1,095	26	2.4	477	43.9	284	26.1	300	27.6	8
District 3	3,674	90	2.5	1,393	38.8	947	26.4	1,157	32.3	87
District 4	5,432	170	3.2	2,659	50.2	1,351	25.5	1,113	21.0	139
District 5	2,625	82	3.2	1,092	42.0	681	26.2	748	28.7	22
District 6	2,254	49	2.2	892	39.7	620	27.6	684	30.5	9
District 7	3,780	110	2.9	1,645	43.6	1,044	27.7	974	25.8	7
Ada	4,861	144	3.0	2,406	50.9	1,201	25.4	979	20.7	131
Adams	29	1	3.4	11	37.9	10	34.5	7	24.1	-
Bannock	1,112	21	1.9	428	38.6	326	29.4	333	30.1	4
Bear Lake	77	1	1.3	33	42.9	18	23.4	25	32.5	-
Benewah	92	7	7.8	32	35.6	29	32.2	22	24.4	2
Bingham	587	16	2.7	223	38.1	162	27.6	185	31.6	1
Blaine	197	4	2.1	113	57.9	48	24.6	30	15.4	2
Boise	47	2	4.3	21	45.7	14	30.4	9	19.6	1
Bonner	405	12	3.0	195	48.1	106	26.2	92	22.7	-
Bonneville	1,815	48	2.6	721	39.7	485	26.7	561	30.9	-
Boundary	154	5	3.3	76	49.7	33	21.6	39	25.5	1
Butte	25	-	-	13	52.0	8	32.0	4	16.0	-
Camas	4	-	-	2	50.0	1	25.0	1	25.0	-
Canyon	2,918	70	2.5	1,090	38.3	765	26.9	921	32.4	72
Caribou	99	2	2.0	37	37.8	26	26.5	33	33.7	1
Cassia	377	14	3.8	142	38.7	99	27.0	112	30.5	10
Clark	11	-	-	3	27.3	4	36.4	4	36.4	-
Clearwater	65	-	-	25	38.5	14	21.5	26	40.0	-
Custer	31	-	-	13	41.9	8	25.8	10	32.3	-
Elmore	417	18	4.4	174	42.4	108	26.3	110	26.8	7
Franklin	194	4	2.1	88	46.1	45	23.6	54	28.3	3
Fremont	189	4	2.1	86	45.5	53	28.0	46	24.3	-
Gem	194	8	4.2	81	42.6	47	24.7	54	28.4	4
Gooding	182	7	3.8	67	36.8	50	27.5	58	31.9	-
Idaho	144	5	3.5	53	36.8	40	27.8	46	31.9	-
Jefferson	444	15	3.4	199	45.1	111	25.2	116	26.3	3
Jerome	375	4	1.1	157	41.9	120	32.0	94	25.1	-
Kootenai	1,733	58	3.4	835	48.7	407	23.7	416	24.2	17
Latah	391	10	2.6	193	50.0	106	27.5	77	19.9	5
Lemhi	68	2	3.0	32	48.5	15	22.7	17	25.8	2
Lewis	38	1	2.8	13	36.1	13	36.1	9	25.0	2
Lincoln	59	1	1.7	23	39.0	19	32.2	16	27.1	-
Madison	1,097	34	3.1	530	48.4	334	30.5	198	18.1	1
Minidoka	279	3	1.1	97	35.9	79	29.3	91	33.7	9
Nez Perce	457	10	2.2	193	42.3	111	24.3	142	31.1	1
Oneida	56	2	3.6	31	55.4	9	16.1	14	25.0	-
Owyhee	138	1	0.7	57	42.5	30	22.4	46	34.3	4
Payette	286	8	2.9	106	38.0	71	25.4	94	33.7	7
Power	104	3	2.9	39	37.5	26	25.0	36	34.6	-
Shoshone	162	8	4.9	70	43.2	40	24.7	44	27.2	-
Teton	125	7	5.6	61	49.2	34	27.4	22	17.7	1
Twin Falls	1,152	49	4.3	491	42.7	265	23.0	346	30.1	1
Valley	107	6	5.6	58	54.2	28	26.2	15	14.0	-
Washington	109	2	1.8	48	44.0	24	22.0	35	32.1	-

1. Body Mass Index formula: [weight (lb.) / [height (in)]² x 703. Classifications are from the Center for Disease Control.

2. Interpretation of BMI for adults: Underweight <18.5, Normal 18.5-24.9, Overweight 25.0-29.9, Obese 30+.

Percentages are based on records with stated data for body mass index. For more information, see Technical Notes.

IDAHO RESIDENT LIVE BIRTHS
Number and Percentage of Births by Pre-Pregnancy Body Mass Index¹ (BMI)
by Age of Mother
2018

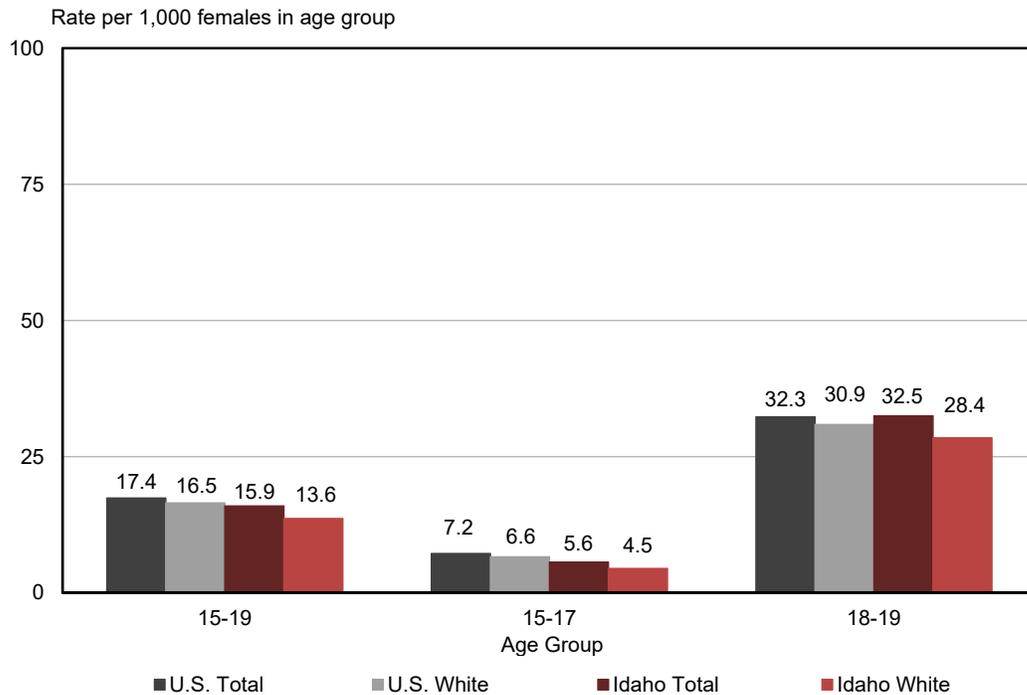
AGE GROUP	TOTAL LIVE BIRTHS	BODY MASS INDEX ²								
		Underweight		Normal Weight		Overweight		Obese		Not Stated
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	
TOTAL	21,406	617	2.9%	9,366	44.4%	5,542	26.2%	5,589	26.5%	292
<15	4	-	-	2	50.0	2	50.0	-	-	-
15-19	971	75	7.8	484	50.6	215	22.5	183	19.1	14
15-17	211	18	8.8	121	59.3	38	18.6	27	13.2	7
18-19	760	57	7.6	363	48.2	177	23.5	156	20.7	7
20-24	5,104	198	3.9	2,249	44.7	1,329	26.4	1,258	25.0	70
25-29	6,975	193	2.8	3,018	43.9	1,792	26.1	1,874	27.3	98
30-34	5,338	104	2.0	2,373	45.0	1,405	26.6	1,391	26.4	65
35-39	2,538	44	1.8	1,057	42.3	661	26.5	736	29.5	40
40-44	441	2	0.5	169	38.7	126	28.8	140	32.0	4
45+	28	1	3.7	13	48.1	6	22.2	7	25.9	1
Not Stated	7	-	NA	1	NA	6	NA	-	NA	-

IDAHO RESIDENT LIVE BIRTHS
Number and Percentage of Births by Pre-Pregnancy Body Mass Index¹ (BMI)
by Race and Ethnicity of Mother
2018

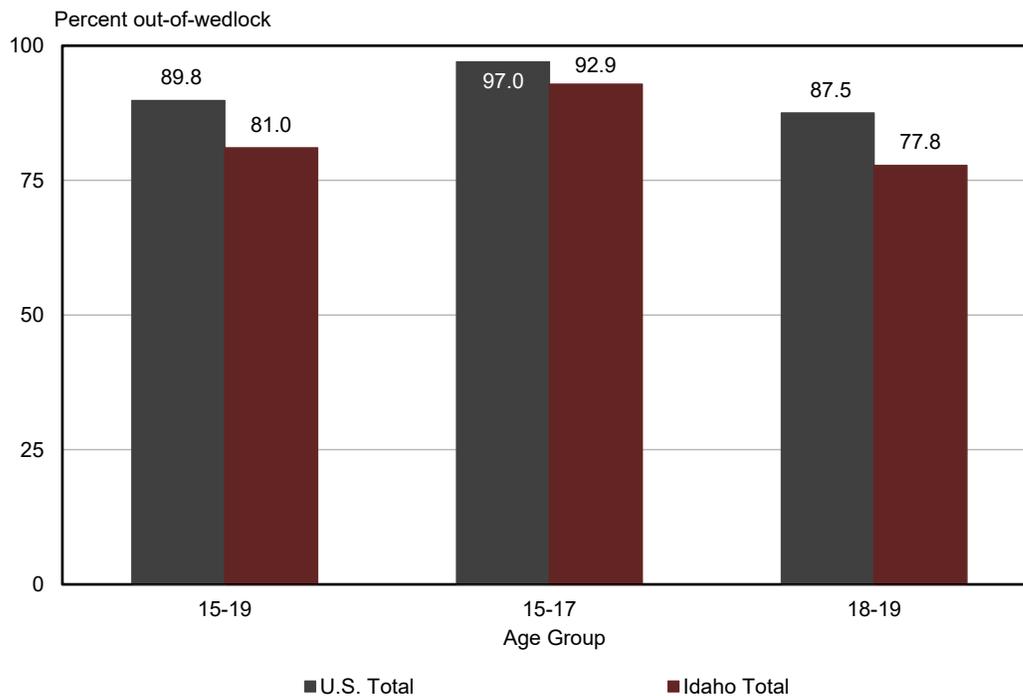
RACE AND ETHNICITY ³	TOTAL LIVE BIRTHS	BODY MASS INDEX ²								
		Underweight		Normal Weight		Overweight		Obese		Not Stated
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	
TOTAL	21,406	617	2.9%	9,366	44.4%	5,542	26.2%	5,589	26.5%	292
Race										
White	18,879	554	3.0	8,371	44.9	4,870	26.1	4,861	26.1	223
Black	318	11	3.7	110	37.4	85	28.9	88	29.9	24
American Indian or Alaska Native	315	5	1.6	96	31.0	78	25.2	131	42.3	5
Asian or Pacific Islander	479	23	4.9	278	59.4	96	20.5	71	15.2	11
Other Race	1,349	23	1.7	488	36.6	400	30.0	421	31.6	17
Race not stated	66	1	NA	23	NA	13	NA	17	NA	12
Ethnicity ⁴										
Non-Hispanic	17,858	555	3.1	8,115	46.0	4,503	25.5	4,467	25.3	218
Hispanic	3,548	62	1.8	1,251	36.0	1,039	29.9	1,122	32.3	74
Ethnicity not stated	-	-	NA	-	NA	-	NA	-	NA	-

1. Body Mass Index formula: [weight (lb.) / [height (in)]² x 703. Classifications are from the Center for Disease Control.
2. Interpretation of BMI for adults: Underweight <18.5, Normal 18.5-24.9, Overweight 25.0-29.9, Obese 30+.
3. Beginning in 2004, multiple races and Hispanic origins may be reported on the Idaho birth certificate. For mothers with multiple races, the races were bridged to a single race category; however, bridged-race data are not available for out-of-state births. Total and other race includes 32 out-of-state births with multiple races that have BMI stated on their infant(s) birth record(s).
4. Race and Hispanic origin are reported separately on the birth certificate; Hispanic mothers are included in the appropriate race totals. For more information, see Technical Notes. Percentages are based on records with stated data for body mass index. NA: not applicable.

TEEN FERTILITY RATES BY AGE 2018 U.S.* and Idaho (Total and White)



TEEN OUT-OF-WEDLOCK BIRTH PERCENTS BY AGE 2018 U.S.* and Idaho



* U.S. total fertility and total out-of-wedlock data are based on 2018 final data, National Vital Statistics Reports, National Center for Health Statistics (NCHS), Vol. 68/No. 13, November 27, 2019. U.S. white fertility data were taken from the Center for Disease Control and Prevention WONDER Online Database, Natality public-use data 2007-2018, February 2020.

Note: In and after 2017, U.S. final data reports do not publish maternal race birth data using bridged race estimates while CDC WONDER Online Database excludes California births from national out-of-wedlock birth data. Because of these changes in U.S. reporting, U.S. white out-of-wedlock birth data published in previous Idaho Resident Natality Reports are not provided in this 2018 report as U.S. data is not comparable to Idaho data. See Technical Notes for more details.

U.S. AND IDAHO RESIDENT TEEN LIVE BIRTHS 2018 U.S.¹ and Idaho

	Fertility Rate ²	Percent Out-of-Wedlock ⁵	Percent Low Birth Weight ³
IDAHO TOTAL			
<15 ⁴	0.1	100.0%	-
15-19	15.9	81.0	9.2
15-17	5.6	92.9	10.0
18-19	32.5	77.8	8.9
IDAHO WHITE			
<15 ⁴	0.0	100.0%	-
15-19	13.6	80.4	8.9
15-17	4.5	92.9	11.5
18-19	28.4	77.3	8.3
U.S. TOTAL			
<15 ⁴	0.2	99.8%	12.7%
15-19	17.4	89.8	10.1
15-17	7.2	97.0	10.5
18-19	32.3	87.5	10.0
U.S. WHITE			
<15 ⁴	0.1	NA	11.5%
15-19	16.5	NA	8.7
15-17	6.6	NA	9.0
18-19	30.9	NA	8.6

1. U.S. total fertility and total out-of-wedlock data: "Births: Final Data for 2018," *National Vital Statistics Reports*, National Center for Health Statistics (NCHS), Vol. 68. No. 13. November 27, 2019. U.S. white fertility, total low birth weight, and white low birth weight data: United States Department of Health and Human Services (US DHHS), Centers for Disease Control and Prevention (CDC), NCHS, Division of Vital Statistics, "Births" public-use data 2007-2018, on CDC WONDER Online Database, February 2020.
 2. Fertility rate: Number of live births per 1,000 females in corresponding age group.
 3. Percentages are based on records with known birth weight. Low birth weight: under 2,500 grams.
 4. Rates for <15 age group are based on births to females aged <15 and population among females aged 10-14. NA: not applicable / not available.
- Note: In and after 2017, U.S. final data reports do not publish maternal race birth data using bridged race estimates while CDC WONDER Online Database excludes California births from national out-of-wedlock birth data. Because of these changes in U.S. reporting, U.S. white out-of-wedlock birth data published in previous Idaho Resident Natality Reports are not provided in this 2018 report as U.S. data is not comparable to Idaho data. See Technical Notes for more details.

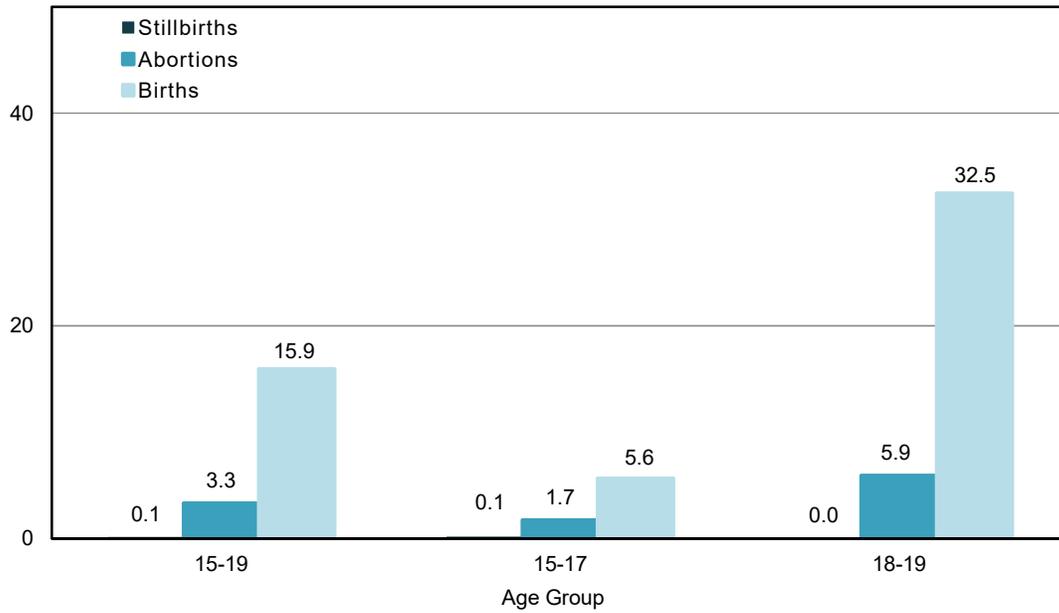
IDAHO RESIDENT TEEN PREGNANCIES AND ABORTIONS 2018

	PREGNANCIES ¹		INDUCED ABORTIONS		
	Number	Rate ²	Number	Rate ³	Ratio ⁴
TOTAL					
<15 ⁵	11	0.2	7	0.1	1,750.0
15-19	1,177	19.3	202	3.3	208.0
15-17	279	7.4	64	1.7	303.3
18-19	898	38.4	138	5.9	181.6
WHITE					
<15 ⁵	8	0.1	6	0.1	3,000.0
15-19	942	16.6	166	2.9	214.7
15-17	212	6.1	53	1.5	339.7
18-19	730	33.6	113	5.2	183.1

1. Pregnancies include live births, induced abortions, and reportable stillbirths (only those fetal deaths with a gestational period of 20+ weeks or which weight 350+ grams are required to be reported under Idaho law).
 2. Number of pregnancies per 1,000 females in corresponding age group.
 3. Induced abortion rate: Number of induced abortions per 1,000 females in corresponding age group.
 4. Induced abortion ratio: Number of induced abortions per 1,000 live births in corresponding age group.
 5. Rates for <15 age group are based on pregnancies and abortions to females aged <15 and population among females aged 10-14.
- U.S. data for teen pregnancies and abortions are not shown because they are not comparable to Idaho data. Abortion data from the Centers for Disease Control and Prevention's National Center for Chronic Disease Prevention and Health Promotion (NCCDPHP) are adjusted to national totals compiled by The Guttmacher Institute (AGI) from their surveys of all known abortion providers because abortion data by age are not reported to the NCCDPHP for three states (Alaska, California, New Hampshire).

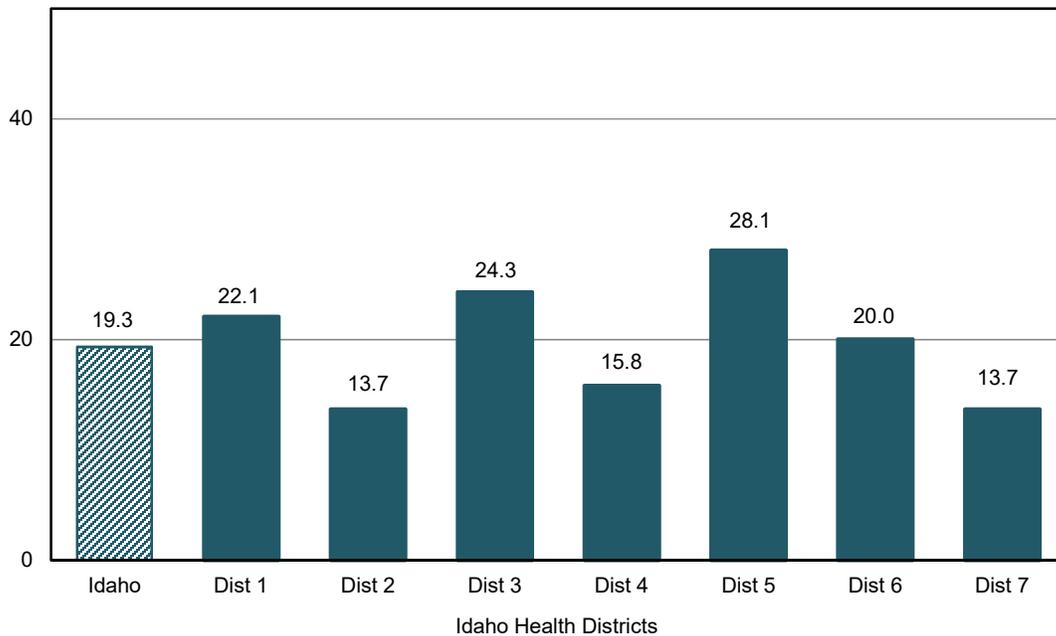
TEEN STILLBIRTH, ABORTION, AND BIRTH RATES BY AGE Idaho 2018

Rate per 1,000 females in age group



TEEN PREGNANCY RATES Idaho and Districts, 15-19 Year-Olds 2018

Rate per 1,000 females age 15-19



**IDAHO RESIDENT TEEN PREGNANCY
Total Pregnancies and Rates by Age
2018**

RESIDENCE	AGE GROUP							
	<15		15-19		15-17		18-19	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
IDAHO	11	0.2	1,177	19.3	279	7.4	898	38.4
District 1	1	0.1	153	22.1	44	9.6	109	46.7
District 2	-	-	53	13.7	12	6.6	41	20.0
District 3	2	0.2	255	24.3	64	9.6	191	49.9
District 4	3	0.2	267	15.8	56	5.3	211	33.5
District 5	2	0.2	189	28.1	49	11.1	140	60.3
District 6	1	0.1	130	20.0	23	5.5	107	45.9
District 7	2	0.2	130	13.7	31	5.9	99	23.3
Ada	2	0.1	221	14.1	49	5.0	172	29.3
Adams	-	-	3	32.3	-	-	3	103.4
Bannock	1	0.3	64	20.0	12	6.2	52	41.1
Bear Lake	-	-	3	13.8	-	-	3	43.5
Benewah	-	-	8	31.0	2	11.0	6	77.9
Bingham	-	-	39	22.7	4	3.5	35	61.5
Blaine	-	-	13	17.5	2	3.9	11	47.2
Boise	-	-	5	25.9	1	7.8	4	62.5
Bonner	-	-	19	15.6	6	7.1	13	34.9
Bonneville	2	0.4	70	16.5	15	5.2	55	40.8
Boundary	-	-	11	28.4	3	11.6	8	61.5
Butte	-	-	1	11.8	-	-	1	34.5
Camas	-	-	-	-	-	-	-	-
Canyon	1	0.1	184	21.9	49	9.4	135	42.8
Caribou	-	-	5	19.5	3	16.4	2	27.0
Cassia	1	0.9	30	32.1	12	18.7	18	61.6
Clark	-	-	-	-	-	-	-	-
Clearwater	-	-	2	10.5	1	7.5	1	17.9
Custer	-	-	-	-	-	-	-	-
Elmore	1	1.1	37	47.1	4	8.4	33	107.5
Franklin	-	-	7	12.0	1	2.5	6	32.6
Fremont	-	-	8	17.5	2	6.5	6	40.3
Gem	-	-	20	38.6	2	5.8	18	104.0
Gooding	-	-	15	29.1	4	12.4	11	57.0
Idaho	-	-	5	12.2	3	10.9	2	14.8
Jefferson	-	-	20	16.8	8	9.8	12	31.6
Jerome	-	-	39	46.7	13	22.8	26	97.7
Kootenai	1	0.2	98	20.8	29	9.4	69	42.0
Latah	-	-	15	7.7	1	1.5	14	10.8
Lemhi	-	-	5	24.9	1	7.2	4	63.5
Lewis	-	-	4	42.1	2	29.0	2	76.9
Lincoln	-	-	6	26.5	-	-	6	75.0
Madison	-	-	22	7.4	4	4.8	18	8.4
Minidoka	1	1.2	18	27.4	4	9.7	14	57.1
Nez Perce	-	-	27	22.1	5	7.3	22	41.2
Oneida	-	-	5	32.5	1	9.9	4	75.5
Owyhee	1	2.1	17	43.3	6	21.7	11	94.0
Payette	-	-	19	24.7	4	7.7	15	60.0
Power	-	-	6	22.0	2	10.7	4	46.5
Shoshone	-	-	17	49.0	4	17.1	13	115.0
Teton	-	-	5	16.1	1	5.2	4	34.5
Twin Falls	-	-	68	24.4	14	7.8	54	54.1
Valley	-	-	4	17.7	2	12.6	2	29.9
Washington	-	-	12	36.3	3	13.3	9	84.9

Pregnancies include live births, induced abortions, and reportable stillbirths (only those fetal deaths with a gestational period of 20+ weeks or which weigh 350+ grams are required to be reported under Idaho law).

Rate: Number of pregnancies per 1,000 females in corresponding age group. Rates for <15 age group are based on pregnancies among females aged <15 and population among females aged 10-14.

IDAHO RESIDENT TEEN LIVE BIRTHS
Live Births and Rates by Age of Mother
2018

RESIDENCE	AGE GROUP							
	<15		15-19		15-17		18-19	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
IDAHO	4	0.1	971	15.9	211	5.6	760	32.5
District 1	-	-	116	16.7	26	5.7	90	38.5
District 2	-	-	39	10.1	7	3.8	32	15.6
District 3	1	0.1	222	21.2	53	8.0	169	44.1
District 4	-	-	199	11.8	36	3.4	163	25.9
District 5	1	0.1	168	24.9	43	9.7	125	53.9
District 6	1	0.1	115	17.7	22	5.3	93	39.9
District 7	1	0.1	112	11.8	24	4.6	88	20.7
Ada	-	-	158	10.1	31	3.2	127	21.7
Adams	-	-	3	32.3	-	-	3	103.4
Bannock	1	0.3	56	17.5	11	5.7	45	35.6
Bear Lake	-	-	3	13.8	-	-	3	43.5
Benewah	-	-	6	23.3	2	11.0	4	51.9
Bingham	-	-	35	20.4	4	3.5	31	54.5
Blaine	-	-	8	10.8	2	3.9	6	25.8
Boise	-	-	4	20.7	1	7.8	3	46.9
Bonner	-	-	13	10.7	2	2.4	11	29.5
Bonneville	1	0.2	57	13.4	10	3.5	47	34.8
Boundary	-	-	8	20.6	1	3.9	7	53.8
Butte	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-
Canyon	-	-	157	18.7	38	7.3	119	37.7
Caribou	-	-	5	19.5	3	16.4	2	27.0
Cassia	1	0.9	29	31.0	12	18.7	17	58.2
Clark	-	-	-	-	-	-	-	-
Clearwater	-	-	1	5.3	-	-	1	17.9
Custer	-	-	-	-	-	-	-	-
Elmore	-	-	33	42.0	2	4.2	31	101.0
Franklin	-	-	6	10.3	1	2.5	5	27.2
Fremont	-	-	7	15.3	1	3.2	6	40.3
Gem	-	-	19	36.7	2	5.8	17	98.3
Gooding	-	-	14	27.2	3	9.3	11	57.0
Idaho	-	-	5	12.2	3	10.9	2	14.8
Jefferson	-	-	20	16.8	8	9.8	12	31.6
Jerome	-	-	37	44.3	11	19.3	26	97.7
Kootenai	-	-	76	16.1	19	6.2	57	34.7
Latah	-	-	10	5.1	-	-	10	7.7
Lemhi	-	-	4	19.9	1	7.2	3	47.6
Lewis	-	-	3	31.6	1	14.5	2	76.9
Lincoln	-	-	5	22.1	-	-	5	62.5
Madison	-	-	19	6.4	3	3.6	16	7.5
Minidoka	-	-	15	22.8	3	7.3	12	49.0
Nez Perce	-	-	20	16.4	3	4.4	17	31.8
Oneida	-	-	4	26.0	1	9.9	3	56.6
Owyhee	1	2.1	15	38.2	6	21.7	9	76.9
Payette	-	-	17	22.1	4	7.7	13	52.0
Power	-	-	6	22.0	2	10.7	4	46.5
Shoshone	-	-	13	37.5	2	8.5	11	97.3
Teton	-	-	5	16.1	1	5.2	4	34.5
Twin Falls	-	-	60	21.5	12	6.7	48	48.0
Valley	-	-	4	17.7	2	12.6	2	29.9
Washington	-	-	11	33.2	3	13.3	8	75.5

Rate: Number of births per 1,000 females in corresponding age group. Rates for <15 age group are based on births to females aged <15 and population of females aged 10-14.

IDAHO RESIDENT TEEN LIVE BIRTHS
Number and Percentage¹ of Out-of-Wedlock Births by Age of Mother
2018

RESIDENCE	AGE GROUP							
	<15		15-19		15-17		18-19	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
IDAHO	4	100.0%	786	81.0%	195	92.9%	591	77.8%
District 1	-	-	98	84.5	23	88.5	75	83.3
District 2	-	-	35	89.7	7	100.0	28	87.5
District 3	1	100.0	187	84.6	49	94.2	138	81.7
District 4	-	-	153	76.9	32	88.9	121	74.2
District 5	1	100.0	133	79.2	39	90.7	94	75.2
District 6	1	100.0	92	80.0	22	100.0	70	75.3
District 7	1	100.0	88	78.6	23	95.8	65	73.9
Ada	-	-	125	79.1	28	90.3	97	76.4
Adams	-	-	3	100.0	-	-	3	100.0
Bannock	1	100.0	44	78.6	11	100.0	33	73.3
Bear Lake	-	-	3	100.0	-	-	3	100.0
Benewah	-	-	6	100.0	2	100.0	4	100.0
Bingham	-	-	28	80.0	4	100.0	24	77.4
Blaine	-	-	7	87.5	2	100.0	5	83.3
Boise	-	-	3	75.0	1	100.0	2	66.7
Bonner	-	-	11	84.6	2	100.0	9	81.8
Bonneville	1	100.0	51	89.5	9	90.0	42	89.4
Boundary	-	-	5	62.5	-	-	5	71.4
Butte	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-
Canyon	-	-	133	85.3	36	97.3	97	81.5
Caribou	-	-	3	60.0	3	100.0	-	-
Cassia	1	100.0	22	75.9	12	100.0	10	58.8
Clark	-	-	-	-	-	-	-	-
Clearwater	-	-	1	100.0	-	-	1	100.0
Custer	-	-	-	-	-	-	-	-
Elmore	-	-	23	69.7	2	100.0	21	67.7
Franklin	-	-	5	83.3	1	100.0	4	80.0
Fremont	-	-	6	85.7	1	100.0	5	83.3
Gem	-	-	12	63.2	-	-	12	70.6
Gooding	-	-	12	85.7	3	100.0	9	81.8
Idaho	-	-	4	80.0	3	100.0	1	50.0
Jefferson	-	-	18	90.0	8	100.0	10	83.3
Jerome	-	-	30	81.1	9	81.8	21	80.8
Kootenai	-	-	63	82.9	17	89.5	46	80.7
Latah	-	-	8	80.0	-	-	8	80.0
Lemhi	-	-	3	75.0	1	100.0	2	66.7
Lewis	-	-	3	100.0	1	100.0	2	100.0
Lincoln	-	-	4	80.0	-	-	4	80.0
Madison	-	-	6	31.6	3	100.0	3	18.8
Minidoka	-	-	11	73.3	3	100.0	8	66.7
Nez Perce	-	-	19	95.0	3	100.0	16	94.1
Oneida	-	-	4	100.0	1	100.0	3	100.0
Owyhee	1	100.0	15	100.0	6	100.0	9	100.0
Payette	-	-	14	82.4	4	100.0	10	76.9
Power	-	-	5	83.3	2	100.0	3	75.0
Shoshone	-	-	13	100.0	2	100.0	11	100.0
Teton	-	-	4	80.0	1	100.0	3	75.0
Twin Falls	-	-	47	78.3	10	83.3	37	77.1
Valley	-	-	2	50.0	1	50.0	1	50.0
Washington	-	-	10	90.9	3	100.0	7	87.5

1. Percentages of out-of-wedlock births for some counties are based on small data bases; number of births should be shown with the percent. Percentages are based on records with stated data for marital status.

IDAHO RESIDENT TEEN LIVE BIRTHS
Number and Percentage of Low Birth Weight Births by Age of Mother
2018

RESIDENCE	AGE GROUP							
	<15		15-19		15-17		18-19	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
IDAHO	-	-	89	9.2%	21	10.0%	68	8.9%
District 1	-	-	7	6.0	1	3.8	6	6.7
District 2	-	-	4	10.3	1	14.3	3	9.4
District 3	-	-	23	10.4	8	15.1	15	8.9
District 4	-	-	18	9.0	2	5.6	16	9.8
District 5	-	-	12	7.1	3	7.0	9	7.2
District 6	-	-	10	8.7	2	9.1	8	8.6
District 7	-	-	15	13.4	4	16.7	11	12.5
Ada	-	-	15	9.5	2	6.5	13	10.2
Adams	-	-	-	-	-	-	-	-
Bannock	-	-	3	5.4	-	-	3	6.7
Bear Lake	-	-	-	-	-	-	-	-
Benewah	-	-	1	16.7	1	50.0	-	-
Bingham	-	-	4	11.4	1	25.0	3	9.7
Blaine	-	-	-	-	-	-	-	-
Boise	-	-	-	-	-	-	-	-
Bonner	-	-	-	-	-	-	-	-
Bonneville	-	-	6	10.5	2	20.0	4	8.5
Boundary	-	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-
Canyon	-	-	18	11.5	7	18.4	11	9.2
Caribou	-	-	2	40.0	1	33.3	1	50.0
Cassia	-	-	2	6.9	1	8.3	1	5.9
Clark	-	-	-	-	-	-	-	-
Clearwater	-	-	-	-	-	-	-	-
Custer	-	-	-	-	-	-	-	-
Elmore	-	-	3	9.1	-	-	3	9.7
Franklin	-	-	-	-	-	-	-	-
Fremont	-	-	2	28.6	-	-	2	33.3
Gem	-	-	1	5.3	-	-	1	5.9
Gooding	-	-	2	14.3	-	-	2	18.2
Idaho	-	-	1	20.0	-	-	1	50.0
Jefferson	-	-	-	-	-	-	-	-
Jerome	-	-	2	5.4	2	18.2	-	-
Kootenai	-	-	4	5.3	-	-	4	7.0
Latah	-	-	1	10.0	-	-	1	10.0
Lemhi	-	-	1	25.0	1	100.0	-	-
Lewis	-	-	-	-	-	-	-	-
Lincoln	-	-	-	-	-	-	-	-
Madison	-	-	5	26.3	1	33.3	4	25.0
Minidoka	-	-	2	13.3	-	-	2	16.7
Nez Perce	-	-	2	10.0	1	33.3	1	5.9
Oneida	-	-	1	25.0	-	-	1	33.3
Owyhee	-	-	3	20.0	1	16.7	2	22.2
Payette	-	-	1	5.9	-	-	1	7.7
Power	-	-	-	-	-	-	-	-
Shoshone	-	-	2	15.4	-	-	2	18.2
Teton	-	-	1	20.0	-	-	1	25.0
Twin Falls	-	-	4	6.7	-	-	4	8.3
Valley	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-

Percentage of total live births in each age group that are low birth weight (<2,500 grams). Percentages are based on records with stated birth weight.

The low birth weight percentages for some counties are based on small data bases; number of births should be shown with the percentages.

IDAHO RESIDENT TEEN ABORTIONS Abortions, Ratios and Rates by Age of Patient 2018

RESIDENCE	AGE GROUP											
	<15			15-19			15-17			18-19		
	Number	Ratio	Rate	Number	Ratio	Rate	Number	Ratio	Rate	Number	Ratio	Rate
IDAHO	7	1,750.0	0.1	202	208.0	3.3	64	303.3	1.7	138	181.6	5.9
District 1	1	**	0.1	37	319.0	5.3	18	692.3	3.9	19	211.1	8.1
District 2	-	-	-	13	333.3	3.4	4	571.4	2.2	9	281.3	4.4
District 3	1	1,000.0	0.1	32	144.1	3.1	10	188.7	1.5	22	130.2	5.7
District 4	3	**	0.2	68	341.7	4.0	20	555.6	1.9	48	294.5	7.6
District 5	1	1,000.0	0.1	21	125.0	3.1	6	139.5	1.4	15	120.0	6.5
District 6	-	-	-	15	130.4	2.3	1	45.5	0.2	14	150.5	6.0
District 7	1	1,000.0	0.1	16	142.9	1.7	5	208.3	1.0	11	125.0	2.6
Ada	2	**	0.1	63	398.7	4.0	18	580.6	1.8	45	354.3	7.7
Adams	-	-	-	-	-	-	-	-	-	-	-	-
Bannock	-	-	-	8	142.9	2.5	1	90.9	0.5	7	155.6	5.5
Bear Lake	-	-	-	-	-	-	-	-	-	-	-	-
Benewah	-	-	-	2	333.3	7.8	-	-	-	2	500.0	26.0
Bingham	-	-	-	4	114.3	2.3	-	-	-	4	129.0	7.0
Blaine	-	-	-	5	625.0	6.7	-	-	-	5	833.3	21.5
Boise	-	-	-	1	250.0	5.2	-	-	-	1	333.3	15.6
Bonner	-	-	-	6	461.5	4.9	4	2,000.0	4.7	2	181.8	5.4
Bonneville	1	1,000.0	0.2	11	193.0	2.6	3	300.0	1.0	8	170.2	5.9
Boundary	-	-	-	3	375.0	7.7	2	2,000.0	7.8	1	142.9	7.7
Butte	-	-	-	1	**	11.8	-	-	-	1	**	34.5
Camas	-	-	-	-	-	-	-	-	-	-	-	-
Canyon	1	**	0.1	26	165.6	3.1	10	263.2	1.9	16	134.5	5.1
Caribou	-	-	-	-	-	-	-	-	-	-	-	-
Cassia	-	-	-	1	34.5	1.1	-	-	-	1	58.8	3.4
Clark	-	-	-	-	-	-	-	-	-	-	-	-
Clearwater	-	-	-	-	-	-	-	-	-	-	-	-
Custer	-	-	-	-	-	-	-	-	-	-	-	-
Elmore	1	**	1.1	4	121.2	5.1	2	1,000.0	4.2	2	64.5	6.5
Franklin	-	-	-	1	166.7	1.7	-	-	-	1	200.0	5.4
Fremont	-	-	-	1	142.9	2.2	1	1,000.0	3.2	-	-	-
Gem	-	-	-	1	52.6	1.9	-	-	-	1	58.8	5.8
Gooding	-	-	-	1	71.4	1.9	1	333.3	3.1	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Jefferson	-	-	-	-	-	-	-	-	-	-	-	-
Jerome	-	-	-	2	54.1	2.4	2	181.8	3.5	-	-	-
Kootenai	1	**	0.2	22	289.5	4.7	10	526.3	3.2	12	210.5	7.3
Latah	-	-	-	5	500.0	2.6	1	**	1.5	4	400.0	3.1
Lemhi	-	-	-	1	250.0	5.0	-	-	-	1	333.3	15.9
Lewis	-	-	-	1	333.3	10.5	1	1,000.0	14.5	-	-	-
Lincoln	-	-	-	1	200.0	4.4	-	-	-	1	200.0	12.5
Madison	-	-	-	3	157.9	1.0	1	333.3	1.2	2	125.0	0.9
Minidoka	1	**	1.2	3	200.0	4.6	1	333.3	2.4	2	166.7	8.2
Nez Perce	-	-	-	7	350.0	5.7	2	666.7	2.9	5	294.1	9.4
Oneida	-	-	-	1	250.0	6.5	-	-	-	1	333.3	18.9
Owyhee	-	-	-	2	133.3	5.1	-	-	-	2	222.2	17.1
Payette	-	-	-	2	117.6	2.6	-	-	-	2	153.8	8.0
Power	-	-	-	-	-	-	-	-	-	-	-	-
Shoshone	-	-	-	4	307.7	11.5	2	1,000.0	8.5	2	181.8	17.7
Teton	-	-	-	-	-	-	-	-	-	-	-	-
Twin Falls	-	-	-	8	133.3	2.9	2	166.7	1.1	6	125.0	6.0
Valley	-	-	-	-	-	-	-	-	-	-	-	-
Washington	-	-	-	1	90.9	3.0	-	-	-	1	125.0	9.4

** Ratio cannot be computed; no live births. Ratio: Number of induced abortions per 1,000 live births in corresponding age group.
Rate: Number of induced abortions per 1,000 females in corresponding age group. Rates for <15 age group are based on females aged 10-14.

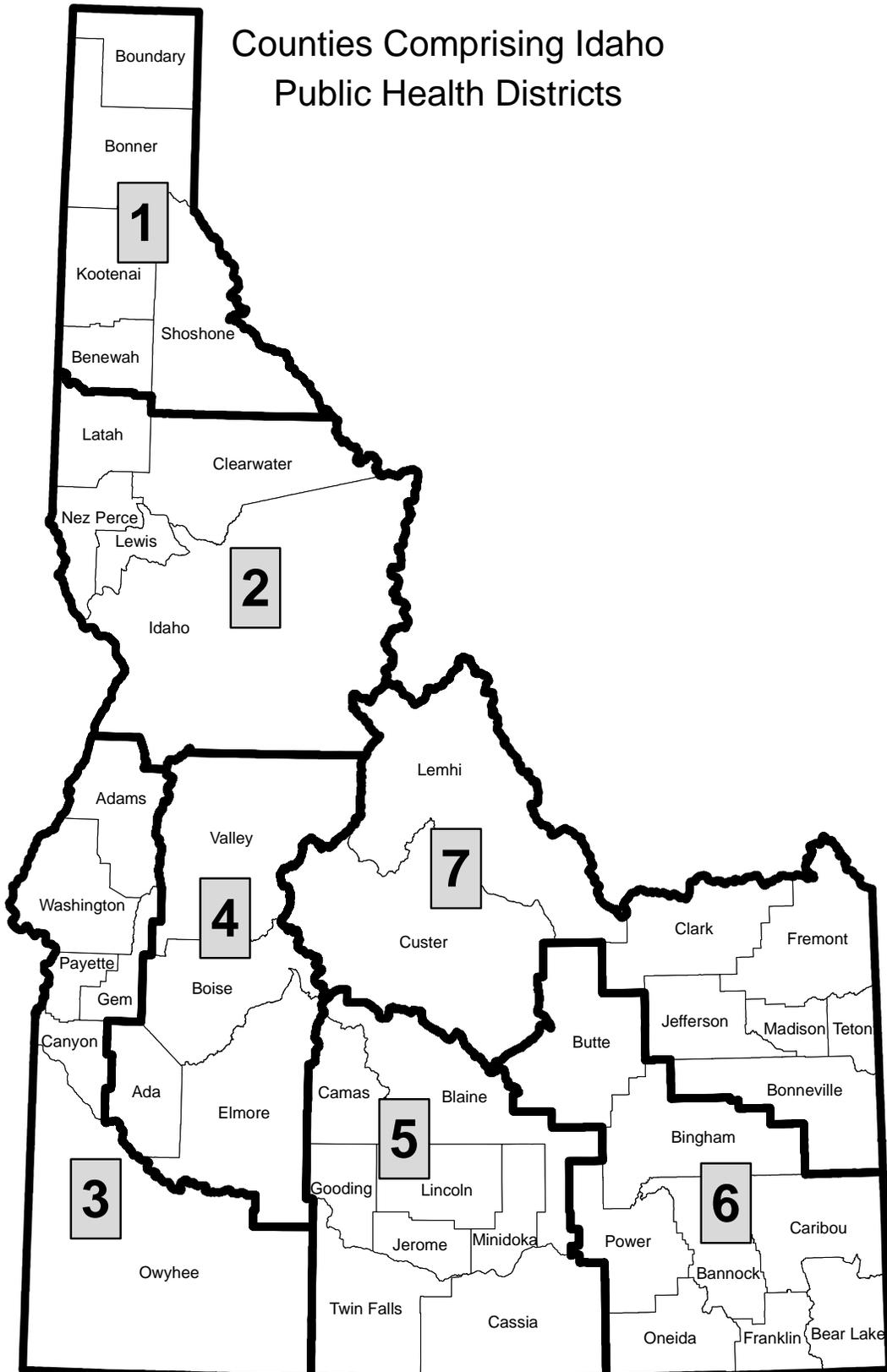
2018 IDAHO RESIDENT LIVE BIRTHS

Most Common Given Names				Selected Unique Baby Names, Yewneek Baybee Spellings		
Male		Female		Male	Female	
1.	Liam	(127)	Olivia	(107)	Anarchy	Amerikis
2.	Oliver	(114)	Emma	(92)	Banx	Anomaly
3.	William	(93)	Harper	(88)	Bekan	Aquamarine
4.	* Hudson	(83)	Charlotte	(83)	Boss	Atlyss
5.	Henry	(83)	Evelyn	(82)	Combat	Azkadealliya
6.	James	(82)	Amelia	(77)	Derexx	Buttercup
7.	Owen	(79)	Hazel	(62)	Geremi	Cansas
8.	Jackson	(78)	Ava	(60)	Given	Ellexy
9.	Wyatt	(77)	Abigail	(58)	Gnash	Gift
10.	Lincoln	(75)	Lily	(56)	Grizzly	Glacier-Dawn
11.	Logan	(74)	Sophia	(56)	Jj	Ingeborg
12.	Benjamin	(74)	Avery	(55)	Jrue	Johnnacie
13.	Samuel	(70)	Isabella	(51)	Krush	Kc
14.	Jack	(66)	* Scarlett	(51)	Lighten	Livingston
15.	Elijah	(64)	Elizabeth	(48)	Lion	Naivee
16.	* Grayson	(62)	Emily	(46)	Lukasze	Netanya
17.	Luke	(61)	Aria	(46)	Prentiss	Neverr
18.	Easton	(60)	Paisley	(45)	Rhun	Onnicka
19.	Noah	(57)	* Ruby	(43)	Skeigh	Phynixx
20.	* Weston	(56)	* Oakley	(43)	Thackery	Reminatrix
21.	* Lucas	(56)	* Lucy	(41)	Timber	Silentbird
22.	Mason	(55)	Brooklyn	(40)	Trynitee	Stormageddon
23.	* Asher	(55)	* Adeline	(40)	Tytanium	Sufia
24.	* Isaac	(54)	* Sofia	(39)	Ugutz	Violetjade
25.	* Theodore	(54)	Hannah	(39)	Wisely	Yggdrasil
26.	* Hunter	(54)	* Chloe	(39)		

(Number of Occurrences)

* Name was not on Idaho's 25 most common given names list in 2017.
Each spelling constitutes a different name.

Counties Comprising Idaho Public Health Districts



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

TECHNICAL NOTES

Natality

Height and Weight of Mother

The 2004 certificate collected data on the mother's height, prepregnancy weight, and weight at delivery for the first time. Height and weight information are needed to calculate maternal body mass index (BMI). BMI is calculated using mother's height and prepregnancy weight:

$$BMI = \frac{mass(lb) \times 703}{(height(in))^2}$$

The body mass index is classified into four categories: *Underweight* (<18.5), *Normal weight* (18.5-24.9), *Overweight* (25.0-29.9), and *Obese* (includes all classes) (>29.9)¹.

Underweight is defined as BMI below 18.5 prior to pregnancy. The lower a woman's weight-for-height or BMI the more likely she is to be undernourished. Women who are underweight prior to pregnancy are at a higher risk for having low birthweight infant, fetal growth problems, perinatal mortality and other pregnancy complications¹.

Normal weight is defined as a BMI between 18.5 and 24.9¹.

Overweight is defined as a BMI greater than between 25.0 and 29.9. Being overweight prior to pregnancy is a risk factor for postpartum weight retention of prenatal weight gain¹.

Obese is defined as a BMI greater than or equal to 30.0. Obese women are at greater risk of delivering a macrosomic infant and experiencing shoulder dystocia and other complications. Obese women are also more likely to develop gestational diabetes¹.

Prenatal Care

In 2004, the prenatal care item was revised from collecting the month prenatal care began collecting the date of the first prenatal care visit and prenatal care data on the revised certificate are based on the first prenatal care visit date, the length of gestation, and the date of birth. In 2014, the National Center for Health Statistics (NCHS) made a transition in the measurement used to determine length of gestation which affected prenatal care data. Prior to 2014, the length of gestation was based on the date of the mother's last normal menses and the infant's date of birth. Beginning in 2014, length of gestation is based on the obstetric estimate (OE) at the time of birth². Prenatal care data based on the two different measurements are not comparable. Using the OE, the onset of prenatal care is measured using the infant's birthdate minus the number of day's length of gestation to determine the beginning OE date. The number of days between the beginning of the OE date and the date of the first prenatal care visit is used to determine the trimester prenatal care began.

Did Mother Get WIC food for Herself During Pregnancy?

WIC is the Idaho Health and Welfare program for women, infants, and children that provides nutritional education, monetary checks for food, and health referrals. Data on WIC from the birth certificate may differ from data from the WIC Program.

Is Infant Being Breastfed? The NCHS recommended adding this item to the birth certificate because the information is important for the Maternal and Child Health program to track breast feeding levels. Data are based on the infant being breastfed at the time of birth through the time the birth certificate is completed.

Is Infant Living at Time of Report? If the infant is not living at time of report, there is follow-up at the Bureau of Vital Records and Health Statistics to obtain a matching infant death certificate from the state of death.

Mother's and Father's Race Beginning in 2004, parents may choose multiple races on the Idaho birth certificate. In 2018, there were 540 in-state births and 32 out-of-state births in which the mother reported more than one race. For statistical analysis, Idaho birth records with more than one race were provided to NCHS for them to re-code and provide the bridged-race codes back to Idaho for in-state births. However, bridged-race codes are not provided to Idaho for all out-of-state births. Idaho resident birth data by race of mother are based on single-race and bridged-race categories for births in Idaho and single-race categories for births out of state. The 32 out-of-state births with multiple race of mother are included in "other race" category in 2018.

Year	Mother's Race Births in Idaho*			Mother's Race Births Out of State*		
	Total	Single Race	Multiple Race	Total	Single Race	Multiple Race
2016	21,303	20,771	532	1,048	1,027	21
2017	21,050	20,457	593	1,030	1,003	27
2018	20,336	19,826	540	974	942	32

* Mother's race data does not include "Not Stated".

Prior to 2004, mother's and father's races were written on the birth certificate. For statistical analysis, races listed on the certificate were collapsed into five race categories: White, Black, American Indian or Alaska Native, Asian or Pacific Islander, or "other race". In 2004, the birth certificate was revised to allow parents to select one or more race. At the same time, the race category structure was revised. Prior to use of check boxes, write-ins of "Hispanic" or "Mexican" for race were coded to white. Beginning with 2004 births, check boxes of "other race" with write-ins of "Hispanic" or "Mexican" were coded to "other race". Therefore, race data in and after 2004 are not comparable with race data for births prior to 2004.

Births by Race of Mother				
Race of Mother	2015	2016	2017	2018
White	20,448	20,046	19,524	18,879
Black	267	296	332	318
American Indian/Alaska Native	370	390	378	315
Asian or Pacific Islander	495	479	471	479
Other race	1,164	1,140	1,375	1,349
Race not stated	88	111	79	66

Other Race Because of the bridged-race code rules implemented in 2004, there has been a large increase in the number of Idaho resident mothers with race coded to “other race”. In 2018, 97.9 percent of the records of mothers with race coded to “other race” were of Hispanic ethnicity; prior to the rule change, these would have been coded to white race. Data for white, non-Hispanic mothers are available upon request; these data are comparable for years prior to 2004 and to the present.

Mother’s and Father’s Ethnicity The 2004 Idaho certificate includes check boxes for Hispanic origin and allows the mother and father to choose more than one Hispanic origin. Origin is then categorized as Hispanic or non-Hispanic. Race and Hispanic origin are reported separately on the birth certificate. Data shown for Hispanic mothers may be of any race.

Mother’s and Father’s Education The 2004 birth certificate was revised to report the highest degree or level of school completed at delivery. Prior to 2004, education was reported as years of school completed. Because of this change, data in 2004 and after are not comparable with data prior to 2004.

Number of Years Schooling Conversion to Highest Degree or Level of School Completed

Number of Years Schooling	Highest Level of School Completed
0-8 years	8 th grade or less (includes none)
9-11 years	9 th – 12 th grade, but no diploma
12 years	High school graduate or GED completed
13-15 years	Some college credit, excludes those higher than an associate’s degree
16 years	Bachelor’s degree
17+ years	Master’s, doctorate or professional degree

Cigarette Smoking Before and During Pregnancy Prior to 2004, tobacco use during pregnancy (yes or no) and average number of cigarettes per day were reported on the birth certificate. Beginning in 2004, the Idaho birth certificate was revised to include four data items for cigarette smoking before and during pregnancy. The revised certificate collects data on the average number of cigarettes smoked per day during the three months before pregnancy, the first three months of pregnancy, the second three months of pregnancy, and the third three months of pregnancy.

Data based on mother’s cigarette smoking status during the three trimesters of pregnancy were used to generate a data item for mother smoking during pregnancy. Mothers who smoked during the first three months of pregnancy, the second three months of pregnancy, or the third three months of pregnancy were coded to reflect that the mother smoked cigarettes during pregnancy for data analysis.

Medical and Health Section The medical and health section for the mother includes risk factors in this pregnancy, infections present and/or treated during this pregnancy, obstetric procedures that applied to this pregnancy, onset of labor, characteristics of labor and delivery, method of delivery, and maternal morbidity (complications of labor and delivery). The medical and health section for the infant includes abnormal conditions of the newborn and congenital anomalies of the newborn.

Risk Factors in this Pregnancy

Definitions of risk factors in this pregnancy are provided by the Centers for Disease Control and Prevention (CDC), NCHS³.

Prepregnancy diabetes - Glucose intolerance requiring treatment diagnosed prior to the onset of this pregnancy.

Gestational diabetes - Glucose intolerance requiring treatment diagnosed during this pregnancy.

Prepregnancy hypertension - Elevation of blood pressure above normal for age, gender, and physiological condition diagnosed prior to the onset of this pregnancy.

Gestational hypertension - Elevation of blood pressure above normal for age, gender, and physiological condition diagnosed during this pregnancy.

Previous preterm birth - History of pregnancy(ies) terminating in a live birth of less than 37 completed weeks of gestation.

Other previous poor pregnancy outcome - History of pregnancy(ies) with fetal and neonatal death, small for gestational age, and/or intrauterine growth restricted birth.

Vaginal bleeding during pregnancy - Any reported or observed bleeding per vaginam at any time in the pregnancy presenting prior to the onset of labor.

Infertility treatment - Any assisted reproduction technique, whether artificial insemination, drugs, or any technical procedures (in-vitro fertilization) used to initiate the pregnancy.

Previous cesarean delivery - Previous operative delivery in which the fetus was extracted through an incision in the maternal abdominal and uterine walls.

Infections Present and/or Treated During this Pregnancy

The revised U.S. birth certificate includes six infections which are known to cause concomitant fetal and/or subsequent neonatal infection. The infections listed on the U.S. revised certificate are Gonorrhea, Syphilis, Herpes Simplex Virus (HSV), Chlamydia, Hepatitis B, and Hepatitis C. In addition to the infections listed on the revised U.S. certificate, the Idaho birth certificate includes HIV, Listeria, Group B Streptococcus, Cytomegalovirus, Parvovirus, and Toxoplasmosis. The CDC provides more information on these infections at <http://www.cdc.gov/>.

Gonorrhea - Infection due to *Neisseria gonorrhoeae* transmitted sexually (an STD) in most cases, but also by contact with infected exudates in neonatal infants at birth.

Syphilis - A subacute to chronic infectious disease caused by the spirochete *Treponema pallidum*, which is usually transmitted sexually or acquired in utero.

HIV (Human immunodeficiency virus) - The virus that causes AIDS (acquired immune deficiency syndrome). HIV may be transmitted sexually or through infected blood or contact

**Infections
Present and/or
Treated During
this Pregnancy**

with an infected person's broken skin or mucous membranes. In addition, infected pregnant women can pass HIV to their babies during pregnancy or delivery, as well as through breast-feeding.

Herpes Simplex Virus (HSV) - A sexually-transmitted infection of the skin on the genital area by herpes simplex virus.

Chlamydia - A sexually-transmitted disease that is caused by the bacterium *Chlamydia trachomatis*.

Listeria - A genus of bacteria of uncertain affiliation, closely resembling those of the family *Corynebacteriaceae*, made up of small, coccoid gram-positive rods that have a tendency to form chains and palisades; they are found in the feces of humans and other animals, on vegetation, and in silage.

Group B Streptococcus (GBS) - A type of bacteria that can cause serious illness and death in newborns. Group B streptococcus is the most common cause of sepsis (blood infection) and meningitis (infection of the fluid and lining around the brain) in newborns. It is not spread by the consumption of water or food or transmitted sexually.

Cytomegalovirus (CMV) - A common virus of the subfamily *Betaherpesvirinae* that can be present in the body without causing infection. It is spread from person to person by contact with urine, saliva, breast milk, blood, semen, and possibly other body fluids. The virus can be spread from an infected mother to her fetus or newborn baby.

Parvovirus - A virus that commonly infects humans; about 50 percent of all adults have been infected sometime during childhood or adolescence. Parvovirus B19 infects only humans. There are also animal parvoviruses, but they do not infect humans. Therefore, a person cannot catch parvovirus B19 from a dog or cat.

Toxoplasmosis - A disease caused by a single-cell parasite called *Toxoplasma gondii*. The *Toxoplasma* infection can cause serious health problems in pregnant women. *Toxoplasma* infection occurs from contaminated food or drinking water and cat feces from a *Toxoplasma*-infected cat. Most infants are infected while still in the womb. They have no symptoms at birth, but they may develop symptoms later in life.

Hepatitis B (HBV) - A serious disease caused by a virus that attacks the liver. This virus can cause lifelong infection, cirrhosis (scarring) of the liver, liver cancer, and death. The Hepatitis virus may be transmitted sexually, through contaminated blood, or from infected mothers to their infants at birth.

Hepatitis C - A disease caused by the Hepatitis C virus which results in infection of the liver. The Hepatitis C virus is spread by contact with contaminated blood or plasma. The role of person-to-person contact and sexual transmission is unclear, but it may be transmitted from an infected mother to her baby during birth.

Characteristics of Labor and Delivery

Characteristic of labor and delivery include information about the course of the delivery. Definitions of characteristics of labor are provided by the CDC, NCHS³.

Induction of labor - Initiation of uterine contractions by medical and/or surgical means for the purpose of delivery before the spontaneous onset of labor.

Augmentation of labor - Stimulation of uterine contractions by drug or manipulative technique with the intent to reduce the time to delivery.

Non-vertex presentation - Includes any non-vertex fetal presentation, e.g., breech, shoulder, brow, face presentations, and transverse lie in the active phase of labor or at delivery other than vertex.

Steroids (glucocorticoids) for fetal lung maturation - Steroids received by the mother prior to delivery including betamethasone, dexamethasone, or hydrocortisone specifically given to accelerate fetal lung maturation in anticipation of preterm delivery. Excludes steroid medication given to the mother as an anti-inflammatory treatment.

Antibiotics during labor - Includes antibacterial medications given systemically (intravenous or intramuscular) to the mother in the interval between the onset of labor and the actual delivery.

Chorioamnionitis or Maternal temp. >100.4 degrees F - A clinical diagnosis of chorioamnionitis during labor made by the delivery attendant. Usually includes more than one of the following during labor made by the delivery attendant. Usually includes more than one of the following: fever, uterine tenderness and/or irritability, leukocytosis, and fetal tachycardia.

Moderate/heavy meconium staining of amniotic fluid - Staining of the amniotic fluid caused by passage of fetal bowel contents during labor and/or delivery which is more than enough to cause a greenish color change of the fluid.

Fetal intolerance of labor - In-utero resuscitation measure (maternal position change, oxygen administration to the mother, IV fluid, amnioinfusion, support of maternal blood pressure, uterine relaxing agents), further fetal assessment (scalp pH, scalp stimulation, acoustic stimulation), operative delivery/intervention to shorten time to deliver the fetus.

Epidural or spinal anesthesia during labor - Administration of a regional anesthetic to the mother for control of the pain of labor, i.e., delivery of an agent into a limited space with the distribution of the analgesic effect limited to the lower body.

Maternal Morbidity (Complications of Labor and Delivery)

Maternal morbidity includes serious complications experienced by the mother associated with the labor and delivery. Definitions of maternal morbidity are provided by the CDC, NCHS³.

Maternal transfusion - Includes infusion of whole blood or packed red blood cells within the period specified.

**Maternal
Morbidity
(Complications
of Labor and
Delivery)**

Third or fourth degree perineal laceration - Third degree laceration extends completely through the perineal skin, vaginal mucosa, perineal body, and anal sphincter. Fourth degree laceration is all of the above with extension through the rectal mucosa.

Ruptured uterus - Tearing of the uterine wall.

Unplanned hysterectomy - Surgical removal of the uterus that was not planned prior to admission for delivery. Includes an anticipated or possible but not definitively planned procedure.

ICU admission - Any admission, planned or unplanned, of the mother to a facility/unit designated as providing intensive care (ICU).

Unplanned operating room procedure following delivery - Any transfer of the mother back to a surgical area for an operative procedure that was not planned prior to the admission for delivery. This complication excludes postpartum tubal ligations.

**Abnormal
Conditions of
the Newborn**

Abnormal conditions of the newborn include disorders or significant morbidity experienced by the newborn infant. Definitions of abnormal conditions are provided by the CDC, NCHS³.

Assisted ventilation required immediately following delivery - Infant given manual breaths with bag and mask or bag and endotracheal tube within the first several minutes of birth for any duration.

Assisted ventilation required for more than six hours - Infant given mechanical ventilation (breathing assistance) by any method for more than six hours.

Seizure or serious neurologic dysfunction - Seizure defined as any involuntary repetitive, convulsive movement or behavior. Serious neurologic dysfunction defined as severe alteration of alertness such as obtundation, stupor, or coma.

Significant birth injury (injury present immediately following delivery or manifesting following delivery) - Any bone fracture or weakness or loss of sensation. This condition excludes fractured clavicles and transient facial nerve palsy.

NICU admission - NICU (neonatal intensive care unit) is defined as a facility or unit staffed and equipped to provide continuous mechanical ventilatory support for the newborn. The infant may require additional or medical support in an NICU other than continuous mechanical ventilatory support.

Newborn given surfactant replacement therapy - Treatment of surfactant deficiency either due to preterm birth or pulmonary injury resulting in decreased lung compliance.

Antibiotics received by the newborn for suspected neonatal sepsis - Any antibacterial drug given systemically.

**Abnormal
Conditions of
the Newborn**

Failed newborn hearing test - Failure of the newborn hearing screening test in one or both ears. Data are based on infants given the test in which test results were available prior to the birth certificate being filed with the state. Newborn hearing screening tests may vary by birth facility.

**Congenital
Anomalies of
the Newborn**

The revised U.S. birth certificate includes 14 congenital anomalies of the newborn which are diagnosable within the first 24 hours following birth using widely available conventional diagnostic techniques. In addition to the congenital anomalies listed on the revised U.S. certificate, the Idaho birth certificate includes Microcephaly beginning in 2018. Definitions are provided by the CDC, NCHS³ for all anomalies except for Microcephaly in which case the definition is provided by the CDC, NCBDDD⁶.

Anencephaly - Absence of the cerebral hemispheres.

Meningomyelocele/spina bifida - Developmental anomaly characterized by defective closure of the bony encasement of the spinal cord, through which the cord and meninges may or may not protrude.

Cyanotic congenital heart disease - Congenital heart defects which cause cyanosis. Includes, but is not limited to, transposition of the great arteries, teratology of Fallot, pulmonary or pulmonic valvular atresia, tricuspid atresia, truncus arteriosus, and total or partial anomalous pulmonary venous return with or without obstruction.

Congenital diaphragmatic hernia - Defects in the formation of the diaphragm allowing herniation of abdominal organs into the thoracic cavity.

Omphalocele - Protrusion of variable amounts of abdominal viscera from a midline defect at the base of the umbilicus.

Gastroschisis - The abdominal viscera protrude through an abdominal wall defect, usually on the right side of the umbilical cord insertion.

Limb reduction defect - Complete or partial absence of a portion of an extremity secondary to failure to develop. Congenital amputation and dwarfing syndromes are excluded.

Cleft lip with or without cleft palate - Refers to incomplete closure of the lip. Cleft lip may be unilateral, bilateral, or median.

Cleft palate alone - Refers to incomplete fusion of the palatal shelves. This may be limited to the soft palate or may also extend into the hard palate.

Down syndrome (karyotype confirmed and karyotype pending) - The most common chromosomal defect, with most cases resulting from an extra chromosome (Trisomy 21).

Suspected other chromosomal disorder (karyotype confirmed and karyotype pending) - Includes any constellation of congenital malformations resulting from or compatible with

Congenital Anomalies of the Newborn

known syndromes caused by detectable defects in chromosome structure.

Hypospadias - Congenital malformations of genital organs.

Microcephaly – a condition where an infant’s head is smaller than expected and can occur because the infant’s brain has not developed properly during pregnancy or has stopped growing after birth, resulting in a smaller head size.

Method of Delivery

In 2004, the Idaho birth certificate was revised to collect additional data for cesarean births. The revised certificate asks for the number of previous cesarean deliveries and is calculated from the response to a question under “risk factors in this pregnancy” which asks if the mother had a previous cesarean delivery and if so, the number of previous cesarean deliveries. As a result, data on vaginal birth after previous cesarean (VBAC), primary, and repeat cesarean deliveries are not directly comparable between revisions⁴.

The formulas for calculating rates by method of delivery are based on mother’s delivery history. For mothers with no previous deliveries or with a previous vaginal delivery, the method of delivery for this birth will either be vaginal or primary cesarean. For women with a previous cesarean delivery, the method of delivery will either be VBAC or repeat cesarean.

Vaginal, non-VBAC rate: Number of vaginal, non-VBAC deliveries per 100 births. Rate is based on records with known data for method of delivery.

Formula: [(vaginal, non-VBAC births)/(total births-births with unknown method)] x 100

Vaginal birth after previous cesarean (VBAC) rate: Number of vaginal deliveries per 100 births to women with a previous cesarean.

Formula: [(VBAC births) / (VBAC births + repeat cesarean births)] x 100

Total cesarean rate: Number of cesarean deliveries per 100 births with known data for method.

Formula: [(total cesarean births) / (total births - births with unknown method of delivery)] x 100

Primary cesarean rate: Number of cesarean deliveries per 100 births to women who had no previous cesareans. Rate is based on records with known data for method of delivery.

Formula: [(primary cesarean births) / (total births - VBAC's - repeat cesareans - unknown method)] x 100

Repeat cesarean rate: Number of cesarean deliveries per 100 births to women with a previous cesarean.

Formula: [(repeat cesarean births) / (repeat cesarean births + VBAC births)] x 100

Principal Source of payment for Delivery

Principal source for payment was added to the Idaho certificate in 1996. The categories listed from 1996 to 2003 were Health Maintenance Organization (HMO), self-pay, other health insurance, Medicaid, and other government. In 2004, the Idaho birth certificate was revised to include eight check boxes for principle source of payment for this delivery: private insurance, Medicaid, self-pay, Indian Health Services, CHAMPUS/TRICARE, other government, other, and none. For data analysis, records with Indian Health Services, CHAMPUS/TRICARE, or other government selected were categorized as “other government”. Data from 1996 to 2003 are not comparable with data in 2004 and after. Data for Medicaid-paid births from the birth certificate may not match data from the Medicaid Program. The principal source for payment may change after the certificate is filed with the state.

Out-of-Wedlock

In 2016 and after, U.S. final birth data report on births for non-Hispanic single race by marital status, excluding data for bridged race by marital status⁷. In 2017 and after, U.S. CDC WONDER data reporting bridged race by marital status data excludes California births due to California’s statutory restrictions in releasing marital status birth data⁸. Because of these changes in U.S. reporting, 2017 and 2018 U.S. white out-of-wedlock birth data is not provided within this 2018 Idaho Resident Natality Report as U.S. data is not directly comparable to Idaho data. Comparable measures include using total U.S. and Idaho resident birth data for bridged race estimates by marital status.

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 multiple race categories. 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 U.S. vital statistics, “other race” is allocated to the four main race categories.

Standard Race Categories on April 1, 2010 Census for Idaho

Race	Number	Percent
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%
Some other race	79,523	5.1%
Two or more races	38,935	2.5%

Race

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 25, 2019, NCHS released state and county population totals for July 1, 2018. 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 origin⁵.

Race	April 1, 2010		July 1, 2017		July 1, 2018	
	Number	Percent	Number	Percent	Number	Percent
Total	1,567,582	100.0%	1,716,943	100.0%	1,754,208	100.0%
White	1,496,784	95.5%	1,626,437	94.7%	1,660,028	94.6%
Black	15,104	1.0%	21,230	1.2%	22,301	1.3%
American Indian/ Alaska Native	29,801	1.9%	34,832	2.0%	35,530	2.0%
Asian/ Pacific Islander	25,893	1.7%	34,444	2.0%	36,349	2.1%

1. “PNSS Health Indicators” Center for Disease Control’s Pediatric and Pregnancy Nutrition Surveillance System. December 2010. Available at: http://www.cdc.gov/pednss/what_is/pnss_health_indicators.htm
2. “Measuring Gestational Age in Vital Statistics Data: Transitioning to the Obstetric Estimate” National Center for Health Statistics, Vol. 64/No. 5, June 1, 2015.
3. “Birth Edit Specifications for the 2003 Revision of the U.S. Standard Certificate of Birth” National Center for Health Statistics, Division of Vital Statistics, April 2004, Updated March 18, 2005.
4. “Births: Final Data for 2005” National Vital Statistics Reports, National Center for Health Statistics, Vol. 56/No. 6, December 5, 2007.
5. 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 25, 2019. Available at: http://www.cdc.gov/nchs/nvss/bridged_race/data_documentation.htm
6. “Facts About Microcephaly” Center for Disease Control’s National Center on Birth Defects and Developmental Disabilities (NCBDDD). March 2020. Available at: <https://www.cdc.gov/ncbddd/index.html>
7. “Births: Final Data for 2016” National Vital Statistics Reports, National Center for Health Statistics, Vol. 67/No. 1, January 31, 2018.
8. “Births” public-use data 2007-2018, United States Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Health Statistics, Division of Vital Statistics, WONDER Online Database, February 2020. Available under ‘Marital Status’: <https://wonder.cdc.gov/wonder/help/Nativity.html#>

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