

Natality 2016



IDAHO VITAL STATISTICS

Division of Public Health

November 2017



IDAHO DEPARTMENT OF HEALTH & WELFARE
DIVISION OF PUBLIC HEALTH

2016 IDAHO VITAL STATISTICS - NATALITY

- Contact** For more information on this report or other vital statistics, please contact the Bureau of Vital Records and Health Statistics at (208) 334-6658. This report and other reports from the Bureau of Vital Records and Health Statistics are available on the web at www.healthstatistics.dhw.idaho.gov.
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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 females 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 RATIO -- number of stillbirths per 1,000 live births within the corresponding age group indicated in data graph (15-19, 15-17, 18-19)

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

(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 age group indicated in data tables and graphs (<15, 15-17, 15-19, 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 age group indicated in data tables (<15, 15-17, 15-19, 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 age group indicated in data tables and graph (<15, 15-17, 15-19, 18-19)

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

(corresponding age group)

U.S. Data In this publication, there are references to preliminary and final U.S. data. If the U.S. statistics are not noted as preliminary, 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. 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 November 2017, the latest U.S. preliminary data available are 2015 for birth¹ 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 November 2017, the latest U.S. final data available are 2015 for birth² data.

For the latest U.S. data please visit:

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

1. "Births: Preliminary Data for 2015," National Vital Statistics Reports, National Center for Health Statistics, Vol. 65 No. 3, June 2, 2016.
2. "Births: Final Data for 2015," National Vital Statistics Reports, National Center for Health Statistics, Vol. 66, No. 1, January 5, 2017.

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 2016 birth records was August 8, 2017 and the cut-off date for 2016 stillbirth records was August 9, 2017. 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 2016 induced abortion records was June 29, 2017. 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.

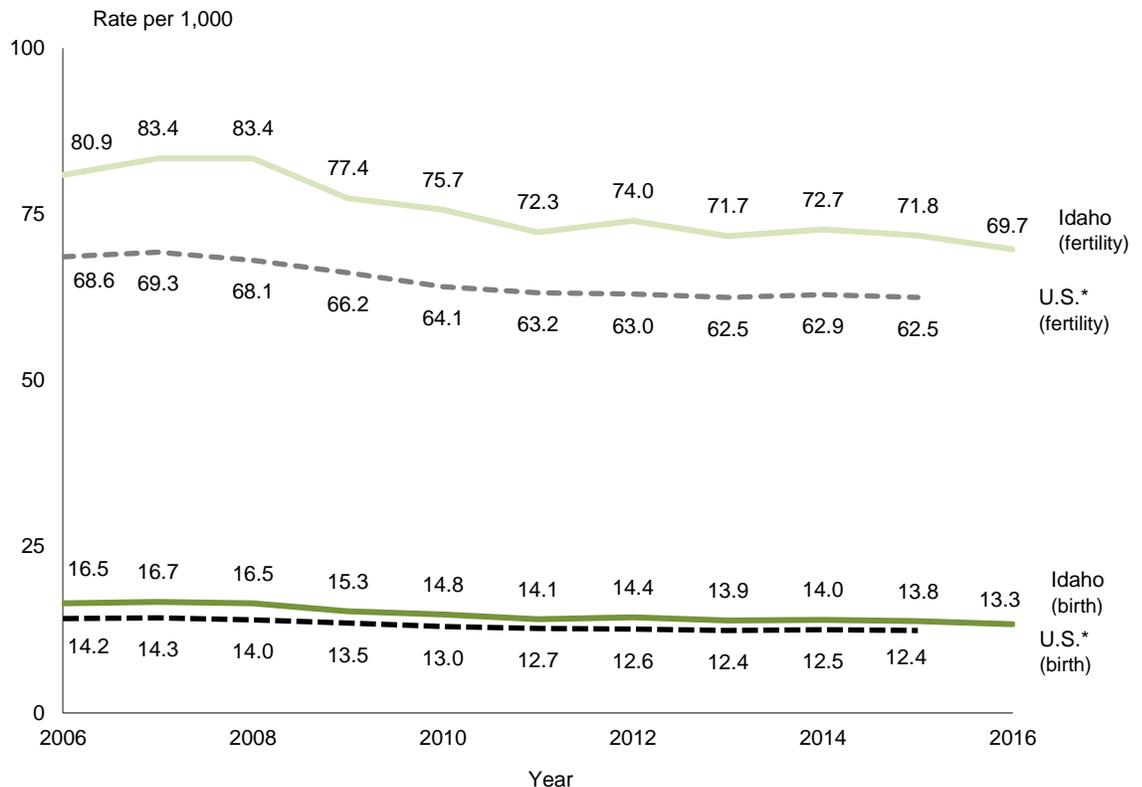
NATALITY

U.S. and Idaho

The total number of live births for the U.S in 2015¹ was 3,978,497, a decrease of 0.2 percent from 2014² (3,988,076 births). Since 2007, there was a steady decline in birth rates until 2014 which had a 0.8 percent increase followed by another decline in 2015. The 2015¹ U.S. birth rate was 12.4 per 1,000 population, compared with 12.5 in 2014¹ and 12.4 in 2013³. U.S. fertility rates followed the same trend as U.S. birth rates, taking a downward trend after 2007 and a slight increase in 2014. The U.S. 2015¹ fertility rate was 62.5 per 1,000 women aged 15-44, slightly down from 62.9 in 2014¹ and same to the fertility rate in 2013³.

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 2016. The birth rate for Idaho in 2016 was 13.3, a 3.3 percent decrease from 13.8 in 2015, and a 4.7 percent decrease from 14.0 in 2014. The 2016 fertility rate for Idaho was 69.7 per 1,000 women aged 15-44, a 2.9 percent decrease from 71.8 in 2015, and a 4.1 percent decrease from 72.7 in 2014. The number of births decreased by 370 births (1.6 percent), from 22,832 births in 2015 to 22,462 in 2016.

**RESIDENT LIVE BIRTH AND FERTILITY RATES
U.S. and Idaho
2006-2016**

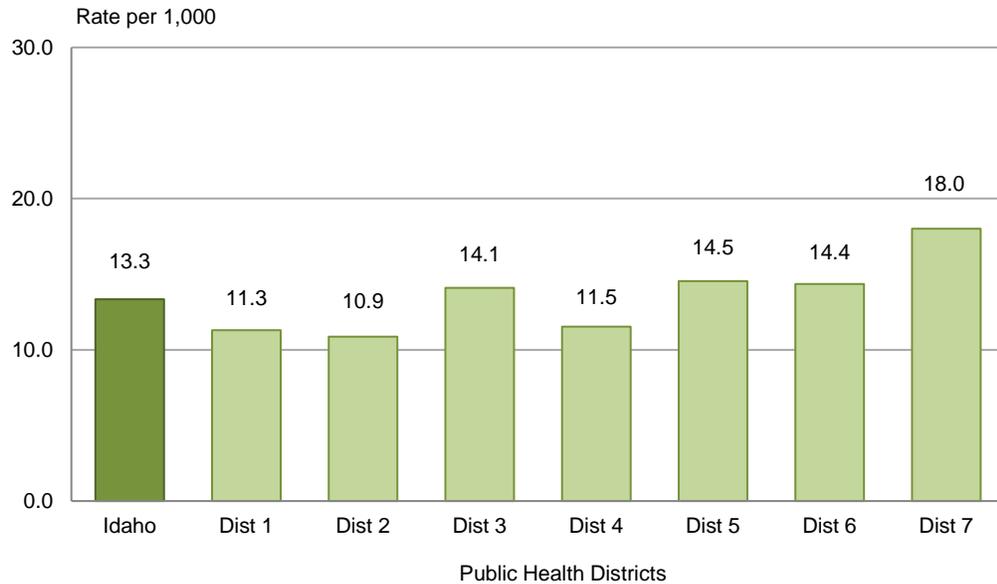


* U.S. fertility and birth rates are final data for the years of 2006 through 2015 while 2016 data was unavailable at the time of this publication; taken from the National Center for Health Statistics, National Vital Statistics Reports. Birth rate: Number of live births per 1,000 population. Fertility rate: Number of live births per 1,000 females 15-44 years of age.

U.S. and Idaho

Idaho live birth rates in 2016 ranged from a low of 10.9 per 1,000 population in District 2 to a high of 18.0 per 1,000 in District 7. From 2015 to 2016, District's 1, 2, 3, 4, 6, and 7 experienced lower birth rates while District 5 was the only District to experience an increase in birth rates. District 6 had the largest rate decrease (5.1 percent) from 15.1 in 2015 to 14.4 in 2016 followed by District 7 (4.3 percent) from 18.8 in 2015 to 18.0 in 2016; District 5 experienced a 0.8 percent increase in births from 14.4 in 2015 to 14.5 in 2016.

IDAHO RESIDENT LIVE BIRTH RATES Idaho and Districts 2016



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, Asian and Pacific Islander, other race, or race not stated. Ethnicity data were collapsed into Hispanic, non-Hispanic, or ethnicity not stated. In 2016, 89.7 percent of Idaho mothers were white, 1.3 percent were black, 1.7 percent were American Indian, 2.1 percent were Asian or Pacific Islander and 5.1 percent reported other race. A total of 16.1 percent of mothers were of Hispanic origin and 83.9 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 2016 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 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 mothers was 27.9 years in 2016. For the 7,554 first-time Idaho mothers with known age, the mean age was 25 years in 2016, compared with 26.4 years for first-time mothers in the U.S. in 2015 ¹ . The ages for first-time mothers ranged from 13 to 47 in Idaho in 2016. Most Idaho births, 56.7 percent, were to mothers aged 20 to 29 in 2016 compared with 57.2 percent in 2015. Teens aged less than 20 accounted for 5.2 percent of all live births in 2016 compared with 5.7 percent in 2015. A total of 38.0 percent of mothers were aged 30 or older in 2016, compared with 37.1 percent in 2015.
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 2016, 11.2 percent of mothers were not high school graduates, and 88.8 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, 87.0 percent had not yet received their high school diploma. A total of 36.4 percent of mothers aged 18 and 19 had not received their diploma, and 9.1 percent of mothers aged 20 and older had not received their diploma at the time of delivery in 2016.
Birth Attendant	<p>In 2016, 87.2 percent of births to Idaho residents were attended by physicians and 12.8 percent were non-physician attended. While the number of total births decreased 3.3 percent from 2015 to 2016, the number of births attended by physicians decreased 2.5 percent from 20,077 in 2015 to 19,576 in 2016. The number of births attended by certified nurse midwives increased 8.8 percent from 2,027 to 2,206; the number of births attended by licensed, lay midwives decreased 5.0 percent from 605 in 2015 to 575 in 2016.</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 3.5 percent (791) of Idaho's 2016 resident births occurred in a non-hospital setting. Most of the out-of-hospital births occurred at a residence (473 or 2.1 percent) or a freestanding birthing center (302 or 1.3 percent). In 2016, a total of 4 infants were born en route to a hospital.
Prenatal Care	The collection of prenatal care data changed dramatically with the revision of the Idaho birth certificate in 2004. Prenatal care data on the revised certificate are based on the date of the first prenatal care visit, the length of gestation, and the date of birth. Prior to 2004, prenatal care on the certificate was based on the month prenatal care began (first, second, third, etc. month of pregnancy). 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 birth. Prenatal care data based on the two

Prenatal Care 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 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 77.7 percent in 2016, 75.8 percent in 2015, and 74.2 percent in 2014.

Low birthweight and Preterm Births Nationally, 8.1 percent of births were low birthweight (< 2,500 grams or 5 lb. 8 oz.) in 2015¹, which is a slight increase from 2014² (8.0 percent). Among Idaho residents, the percent of low birthweight live births increased from 6.6 percent in 2015 to 6.9 in 2016. 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 period 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 2015¹ U.S. data based on the OE indicates 9.6 percent of live births were preterm. (less than 37 completed weeks of gestation). The percent of preterm infants was 8.9 percent in Idaho in 2016, 8.2 percent in 2015, and 8.2 percent in 2014 using the obstetric estimate. There is a correlation between low birthweight babies and preterm births. Of the 1,991 babies born preterm (prior to 37 weeks gestation) in Idaho for 2016, 1,061 (53.3 percent) were born low birthweight compared with 498 (2.4 percent) born low birthweight among babies born to term (37 or more weeks gestation).

The National Center for Health Statistics 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 2015, there were 21,733 singletons, 701 twins and 28 triplets or higher-order births. The percent of low birthweight infants was 5.5 percent for singletons, 49.1 for twins, and 96.4 percent for triplets or higher-order births in 2016. The Idaho preterm rate was 7.2 percent for singletons, 56.9 percent for twins, and 89.3 percent for triplets or higher-order births in 2016.

WIC: Supplemental Nutritional Program for Women, Infants, and Children In 2016, 32.8 percent of live births were to mothers who received WIC food for themselves during pregnancy, compared with 36.7 percent of births in 2015. By district of residence, the percentage of mothers who participated in WIC ranged from a low of 21.2 percent in District 4, to a high of 40.0 percent in District 5. Mothers aged less than 20 were twice as likely to receive WIC food (65.4 percent) than mothers aged 20 and older (31.0 percent). Unmarried mothers were twice as likely to receive WIC food (54.8 percent) than married mothers (24.5 percent).

Breastfeeding A total of 92.6 percent of Idaho infants were breastfed at birth in 2016. Mothers aged less than 20 were less likely to have breastfed at the time of birth (88.9 percent) than mothers aged 20 and older (92.8 percent). Fewer unmarried mothers breastfed at birth (88.2 percent) than married mothers (94.2 percent).

Out of Wedlock	In Idaho, the total number of births decreased 1.6 percent from 2015 to 2016, while the number of out-of-wedlock births decreased 2.0 percent from 6,308 in 2015 to 6,184 in 2016. The percent of out-of-wedlock Idaho births decreased slightly from 27.7 percent in 2015 to 27.6 percent in 2016. In Idaho, the percentage of births to unmarried mothers ranged from 15.2 percent among Asian or Pacific Islander mothers to 64.0 percent among American Indian or Alaska Native mothers. Nationally, the percent of all births to unmarried women was 40.3 in 2015 ¹ , a slight difference from 40.2 percent in 2014 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. A total of 6,308 births (28.1 percent) were to Idaho mothers with at least one risk factor during pregnancy. The most common risk factor to mothers was previous cesarean delivery (2,974) followed by gestational hypertension (1,602), and gestational diabetes (1,116).
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; 3,925 or 17.5 percent of births were to mothers with or treated for group B streptococcus. Among births with known data for infection status, 5,042 (23.3 percent) births were to mothers with at least one infection present and/or treated during pregnancy in 2016.
Maternal Morbidity	Maternal morbidity is defined on the Idaho birth certificate as complications associated with labor and delivery. A total of 1.8 percent of Idaho births (393) were to mothers with one or more complications of labor and delivery reported on the birth certificate in 2016. The leading complications reported were: third or fourth degree perineal laceration (258 births), unplanned operating room procedure following delivery (80 births), and maternal transfusion (70 births).
Characteristics of Labor and Delivery	The most common characteristics of labor and delivery reported in 2016 were: epidural or spinal anesthesia during labor (16,182 births or 72.0 percent), induction of labor (6,650 births or 29.6 percent), antibiotics received by mother during labor (6,348 or 28.3 percent), and augmentation of labor (5,186 births or 23.1 percent).
Abnormal Conditions of the Newborn	One in seven newborns had at least one abnormal condition reported on the 2016 birth certificate (3,211 or 14.3 percent). The most common abnormal condition reported was Neonatal Intensive Care Unit (NICU) admission (2,390), followed by assisted ventilation required immediately following delivery (1,339), and newborn received antibiotics for suspected neonatal sepsis (740 births).
Congenital Anomalies of the Newborn	A total of 129 Idaho newborns had one or more congenital anomalies in 2016. A total of 35 births reported Cyanotic congenital heart disease, 21 births reported down syndrome (9 had karyotype confirmed), and 17 births reported cleft lip with or without cleft palate. Hypospadias was reported for 14 births while 10 births were reported for Gastroschisis.

Cigarette Smoking

A total of 12.0 percent of mothers reported smoking the three months prior to pregnancy. Of the 2,687 who reported smoking in the three months prior to pregnancy, 772 (28.8 percent) reported they did not smoke anytime during pregnancy. Among the women who smoked during pregnancy, 8.5 percent reported smoking during the first three months of pregnancy; 7.0 percent reported smoking during the second three months of pregnancy; and 6.5 percent reported smoking during the third three months of pregnancy. Overall, 1,955 (8.7 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 5.6 percent in District 7 to a high of 13.5 percent in District 2.

By age group, ages 18-19 had the highest percentage of mothers who smoked during pregnancy (15.5 percent) and ages 40-44 had the lowest percentage of mothers who smoked (4.5 percent). By race, American Indian or Alaska natives had the highest percentage of mothers who smoked (18.0 percent) and mothers of “other race” had the lowest percentage of mothers who smoked (2.0 percent). Non-Hispanic mothers were 2.5 times more likely to smoke during pregnancy (9.7 percent) than Hispanic mothers (3.9 percent) in 2016.

In 2016, 6.9 percent of all live births were low birthweight. Of the 1,955 births to women who smoked during pregnancy, 234 (12.0 percent) infants were low birthweight compared with 6.5 percent of infants born low birthweight to nonsmokers.

Method of Delivery

In 2016, the Idaho resident birth rate for vaginal, non-VBAC (vaginal deliveries after a cesarean) births was 73.5 deliveries per 100 births; the total birth rate for vaginal deliveries in Idaho was 76.1 per 100 births compared with 68.0 per 100 births nationally in 2015¹. Conversely, Idaho’s total cesarean rate (23.9 deliveries per 100 births) in 2016 was lower than the national rate of 32.0 per 100 births in 2015¹. Rates for VBACs and repeat cesareans are based on mothers with a previous cesarean. Idaho’s VBAC rate was 19.8 deliveries per 100 births to women with previous cesarean, and the repeat cesarean rate for Idaho was 80.2 per 100 births to women with a previous cesarean.

Method of Payment

In 2016, 53.9 percent of deliveries were paid by private insurance in Idaho compared with 51.6 percent in 2015. In 2016, 37.0 percent of births were paid by Medicaid compared with 38.4 percent in 2015. A total of 5.2 percent of births were reported as self-pay and a total of 3.1 percent of births were paid by other governmental agencies. A total of 0.8 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.

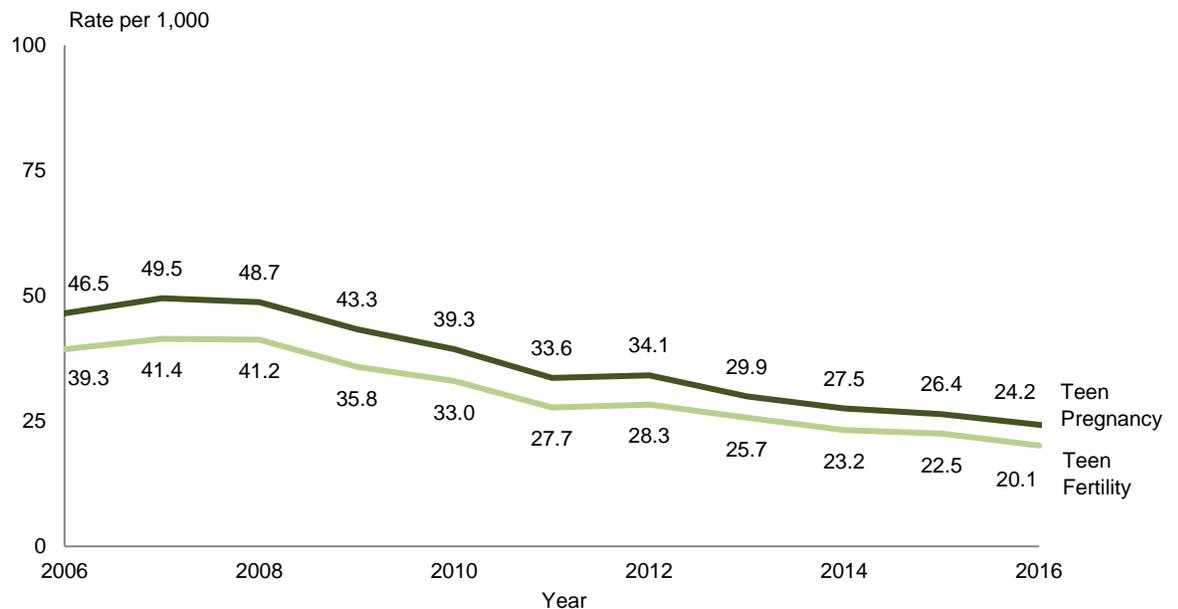
Body Mass Index (BMI)

Pre-pregnancy Body Mass Index (BMI) is a measure of weight and height before the woman became pregnant (see Technical Notes for classifications). In 2016, 10,525 (47.3 percent) births were to mothers classified as normal weight while 5,536 (24.9 percent) births were to women who were classified as being overweight and 5,492 (24.7 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, there has been a steady decline in the annual teen pregnancy number (from 2,543 in 2006 to 1,401 in 2016) and rate (from 46.5 per 1,000 in corresponding age group in 2006 to 24.1 in 2016) among Idaho females aged 15 to 19. In 2016, the 1,401 reportable pregnancies among Idaho females aged 15-19 included 1,169 live births, 219 abortions, and 13 stillbirths. The pregnancy rate for those aged 15-17 decreased from 10.6 in 2015 to 9.5 in 2016, a decline of 9.8 percent while the pregnancy rate for those aged 18-19 decreased from 51.7 in 2015 to 48.2 in 2016, a decline of 6.8 percent. For those aged 15-19, there was an increase in fertility rates from 2005 to 2007 while declining thereafter, except for the increase in 2012 (28.3). The fertility rate in 2016 for those aged 15-19 was 20.1 per 1,000 females in corresponding age group, a 10.5 percent decrease from the rate in 2015 which was 22.5. The fertility rate for those aged 15-17 decreased from 8.5 in 2015 to 7.7 in 2016, a decline of 9.5 percent while the fertility rate for those aged 18-19 decreased from 44.8 in 2015 to 40.6 in 2016, a decline of 9.3 percent.

**IDAHO RESIDENT PREGNANCY* AND FERTILITY RATES
Teens Aged 15-19
2006-2016**



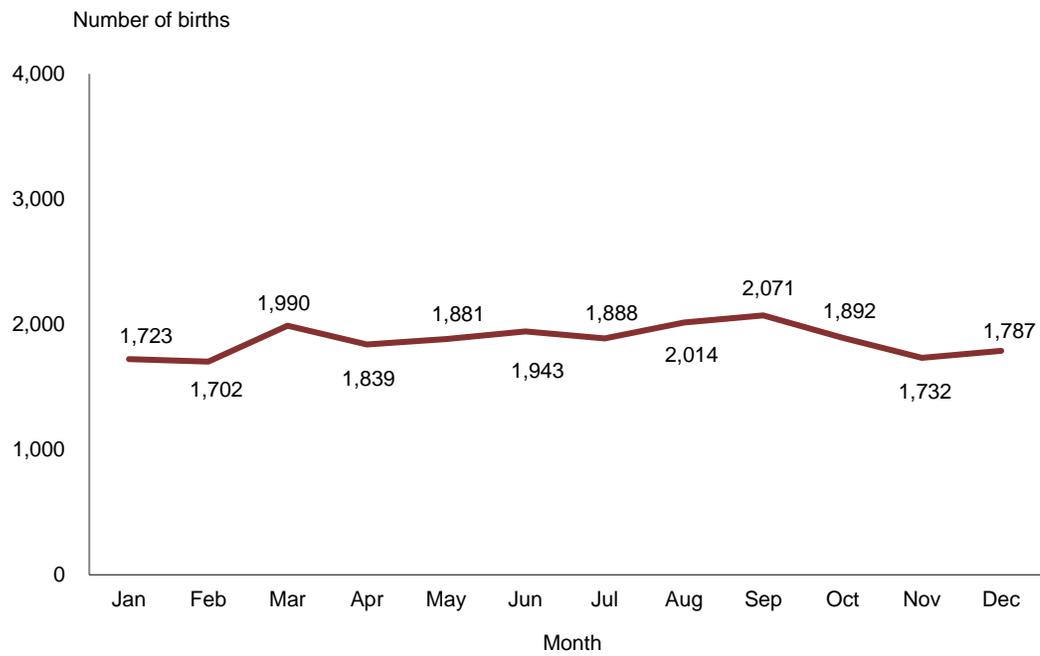
* Pregnancy rates include live births, induced abortions, and reportable stillbirths (only those fetal deaths with a gestational period of 20+ weeks or which weigh 350+ grams are required to be reported under Idaho law.)

Note: Teen pregnancy rate: Number of pregnancies per 1,000 females aged 15-19.

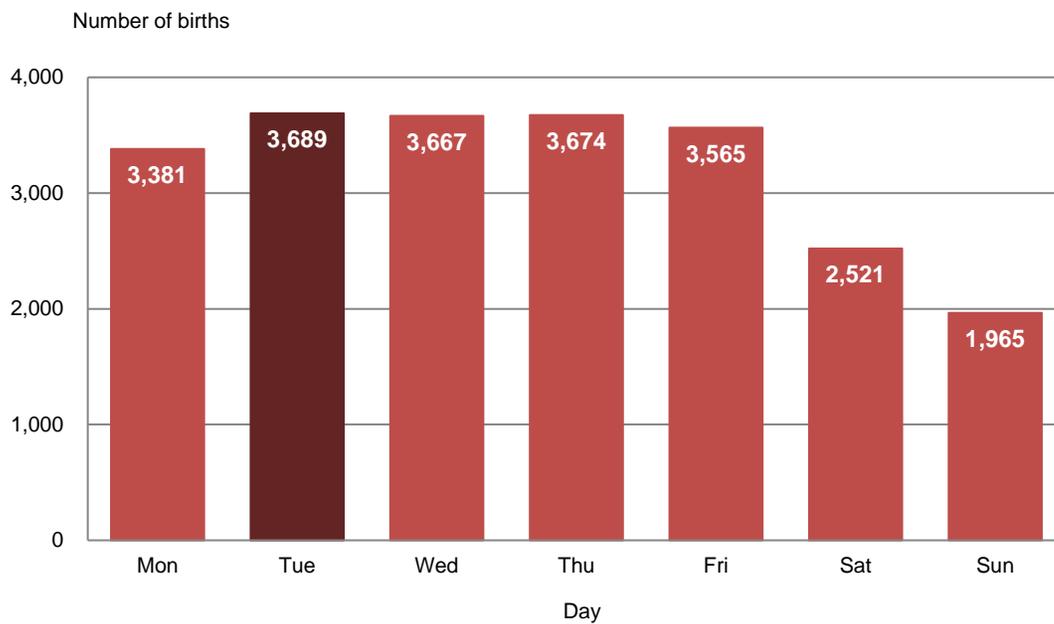
Teen fertility rate: Number of live births per 1,000 females aged 15-19.

1. "Births: Final Data for 2015" [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 66, No. 1, January 5, 2017.
2. "Births: Final Data for 2014" [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 64, No. 12, December 23, 2015.
3. "Births: Final Data for 2013" [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 64, No. 1, January 15, 2015.

IDAHO RESIDENT LIVE BIRTHS Births by Month 2016



IDAHO RESIDENT LIVE BIRTHS Births by Day 2016



IDAHO RESIDENT LIVE BIRTHS
Number of Live Births and Live Birth Rates
2010-2016

RESIDENCE	2016		2015		2014		2013		2012	
	Number	Rate								
U.S.				12.4		12.5		12.4		12.6
IDAHO	22,462	13.3	22,832	13.8	22,888	14.0	22,348	13.9	22,941	14.4
District 1	2,600	11.3	2,652	11.8	2,615	11.8	2,473	11.4	2,499	11.6
District 2	1,175	10.9	1,219	11.4	1,180	11.0	1,157	10.9	1,252	11.8
District 3	3,911	14.1	3,965	14.6	4,005	14.9	3,846	14.6	3,907	15.1
District 4	5,625	11.5	5,679	11.9	5,751	12.3	5,594	12.2	5,644	12.5
District 5	2,821	14.5	2,777	14.4	2,789	14.6	2,845	15.1	2,881	15.4
District 6	2,445	14.4	2,556	15.1	2,579	15.3	2,581	15.3	2,703	15.9
District 7	3,885	18.0	3,984	18.8	3,969	18.9	3,852	18.5	4,055	19.6
Ada	5,023	11.3	5,118	11.8	5,128	12.0	4,980	12.0	5,079	12.4
Adams	37	9.5	26	6.8	31	8.0	28	7.3	29	7.4
Bannock	1,200	14.2	1,258	15.0	1,324	15.9	1,249	15.0	1,324	15.8
Bear Lake	90	15.1	70	11.8	90	15.1	79	13.3	90	15.2
Benewah	103	11.3	115	12.7	107	11.7	106	11.7	123	13.5
Bingham	661	14.6	734	16.3	687	15.2	745	16.4	769	16.9
Blaine	202	9.3	237	11.0	222	10.3	211	9.9	235	11.1
Boise	49	6.9	41	5.8	39	5.7	43	6.3	36	5.3
Bonner	437	10.3	378	9.0	431	10.4	394	9.7	392	9.7
Bonneville	1,910	17.0	1,969	17.9	1,875	17.3	1,847	17.2	2,004	18.8
Boundary	156	13.4	143	12.6	132	12.0	129	11.9	120	11.1
Butte	30	12.0	27	10.8	26	9.9	30	11.4	30	10.9
Camas	8	7.5	11	10.3	5	4.8	10	9.6	12	11.1
Canyon	3,129	14.8	3,174	15.3	3,227	15.9	3,079	15.5	3,098	16.0
Caribou	89	12.9	86	12.7	83	12.1	100	14.7	89	13.1
Cassia	383	16.3	345	14.7	374	15.9	383	16.4	377	16.2
Clark	7	8.1	9	10.2	10	11.5	10	11.5	9	10.4
Clearwater	72	8.5	56	6.6	58	6.8	75	8.7	71	8.3
Custer	47	11.5	35	8.6	42	10.1	42	9.9	31	7.2
Elmore	457	17.6	432	16.7	495	19.0	486	18.6	439	16.7
Franklin	202	15.1	198	15.1	176	13.5	203	15.8	205	16.0
Fremont	176	13.6	174	13.6	198	15.4	179	13.8	196	15.1
Gem	207	12.0	215	12.8	192	11.4	199	11.9	210	12.6
Gooding	227	14.9	202	13.2	202	13.4	208	13.8	196	12.8
Idaho	143	8.9	168	10.3	158	9.7	135	8.4	175	10.7
Jefferson	448	16.1	483	17.8	445	16.5	484	18.0	494	18.5
Jerome	401	17.4	422	18.5	384	16.8	409	18.2	405	18.0
Kootenai	1,756	11.4	1,856	12.3	1,795	12.2	1,708	11.8	1,746	12.3
Latah	424	10.8	466	12.0	448	11.7	434	11.4	454	11.9
Lemhi	80	10.4	88	11.4	65	8.4	62	8.0	58	7.5
Lewis	39	10.1	46	12.1	35	9.1	43	11.0	39	10.0
Lincoln	56	10.6	86	16.2	62	11.7	75	14.1	78	14.8
Madison	1,073	27.5	1,060	27.7	1,197	31.5	1,084	28.9	1,095	29.2
Minidoka	304	14.7	304	14.9	326	16.0	331	16.3	347	17.3
Nez Perce	497	12.3	483	12.1	481	12.0	470	11.8	513	13.0
Oneida	50	11.5	53	12.4	44	10.5	47	11.0	50	11.9
Owyhee	136	11.9	145	12.8	142	12.5	123	10.7	154	13.5
Payette	289	12.6	292	12.8	310	13.6	301	13.3	308	13.6
Power	123	16.1	130	17.0	149	19.6	128	16.6	146	18.8
Shoshone	148	11.9	160	12.9	150	12.1	136	10.7	118	9.3
Teton	144	13.1	166	15.7	137	13.2	144	14.0	168	16.7
Twin Falls	1,240	14.8	1,170	14.2	1,214	15.0	1,218	15.2	1,231	15.7
Valley	96	9.1	88	8.7	89	9.1	85	8.8	90	9.4
Washington	113	11.1	113	11.3	103	10.3	116	11.7	108	10.7

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

IDAHO RESIDENT LIVE BIRTHS
Sex of Newborn
2016

RESIDENCE	TOTAL LIVE BIRTHS	SEX	
		Male	Female
IDAHO	22,462	11,481	10,981
District 1	2,600	1,364	1,236
District 2	1,175	598	577
District 3	3,911	2,006	1,905
District 4	5,625	2,879	2,746
District 5	2,821	1,456	1,365
District 6	2,445	1,213	1,232
District 7	3,885	1,965	1,920
Ada	5,023	2,562	2,461
Adams	37	21	16
Bannock	1,200	597	603
Bear Lake	90	43	47
Benewah	103	59	44
Bingham	661	329	332
Blaine	202	100	102
Boise	49	20	29
Bonner	437	237	200
Bonneville	1,910	981	929
Boundary	156	88	68
Butte	30	13	17
Camas	8	6	2
Canyon	3,129	1,603	1,526
Caribou	89	43	46
Cassia	383	206	177
Clark	7	1	6
Clearwater	72	33	39
Custer	47	24	23
Elmore	457	252	205
Franklin	202	104	98
Fremont	176	83	93
Gem	207	114	93
Gooding	227	124	103
Idaho	143	82	61
Jefferson	448	211	237
Jerome	401	209	192
Kootenai	1,756	907	849
Latah	424	196	228
Lemhi	80	44	36
Lewis	39	22	17
Lincoln	56	27	29
Madison	1,073	552	521
Minidoka	304	154	150
Nez Perce	497	265	232
Oneida	50	23	27
Owyhee	136	66	70
Payette	289	145	144
Power	123	61	62
Shoshone	148	73	75
Teton	144	69	75
Twin Falls	1,240	630	610
Valley	96	45	51
Washington	113	57	56

IDAHO RESIDENT LIVE BIRTHS
Race and Ethnicity of Mother
2016

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	Not Stated
IDAHO	22,462	20,046	296	390	479	1,140	111	18,767	3,613	82
District 1	2,600	2,437	13	62	33	43	12	2,446	140	14
District 2	1,175	1,051	10	76	25	12	1	1,131	42	2
District 3	3,911	3,443	27	39	35	341	26	2,747	1,132	32
District 4	5,625	4,936	183	43	259	178	26	5,020	594	11
District 5	2,821	2,552	23	22	57	155	12	1,911	908	2
District 6	2,445	2,095	17	131	27	144	31	2,116	317	12
District 7	3,885	3,532	23	17	43	267	3	3,396	480	9
Ada	5,023	4,426	160	30	234	148	25	4,499	513	11
Adams	37	37	-	-	-	-	-	35	2	-
Bannock	1,200	1,047	13	73	25	32	10	1,096	96	8
Bear Lake	90	87	-	1	1	1	-	86	4	-
Benewah	103	89	1	13	-	-	-	101	1	1
Bingham	661	536	3	54	1	58	9	532	128	1
Blaine	202	155	-	-	2	33	12	118	83	1
Boise	49	46	1	1	-	1	-	48	1	-
Bonner	437	412	4	5	10	5	1	408	27	2
Bonneville	1,910	1,716	16	9	20	149	-	1,611	299	-
Boundary	156	149	1	2	2	2	-	148	8	-
Butte	30	27	-	1	-	2	-	25	5	-
Camas	8	8	-	-	-	-	-	8	-	-
Canyon	3,129	2,728	26	31	27	296	21	2,125	975	29
Caribou	89	84	-	-	-	4	1	79	9	1
Cassia	383	367	2	4	3	7	-	244	139	-
Clark	7	3	-	-	-	4	-	3	4	-
Clearwater	72	69	1	1	1	-	-	70	2	-
Custer	47	46	-	1	-	-	-	46	1	-
Elmore	457	371	21	10	25	29	1	386	71	-
Franklin	202	191	-	1	-	6	4	185	15	2
Fremont	176	154	-	2	1	19	-	149	27	-
Gem	207	188	1	1	3	14	-	178	28	1
Gooding	227	202	-	4	1	20	-	128	99	-
Idaho	143	135	2	4	2	-	-	142	1	-
Jefferson	448	412	1	4	2	29	-	404	44	-
Jerome	401	349	2	3	1	46	-	198	202	1
Kootenai	1,756	1,645	7	39	18	36	11	1,643	102	11
Latah	424	394	5	6	14	4	1	401	21	2
Lemhi	80	77	-	-	-	2	1	77	1	2
Lewis	39	34	-	5	-	-	-	38	1	-
Lincoln	56	47	-	-	-	9	-	38	18	-
Madison	1,073	999	4	1	20	49	-	992	79	2
Minidoka	304	297	-	1	1	5	-	181	123	-
Nez Perce	497	419	2	60	8	8	-	480	17	-
Oneida	50	48	-	-	-	1	1	48	2	-
Owyhee	136	112	-	2	1	18	3	85	51	-
Payette	289	275	-	4	4	6	-	237	52	-
Power	123	75	1	1	-	40	6	65	58	-
Shoshone	148	142	-	3	3	-	-	146	2	-
Teton	144	125	2	-	-	15	2	114	25	5
Twin Falls	1,240	1,127	19	10	49	35	-	996	244	-
Valley	96	93	1	2	-	-	-	87	9	-
Washington	113	103	-	1	-	7	2	87	24	2

1. Beginning in 2009, out-of-state births with more than one race are included with "other race"; there were 21 births with more than one race delivered out of state during 2016.
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
2016

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	22,462	7	1,169	279	890	5,578	7,168	5,690	2,327	489	33	1
District 1	2,600	-	134	32	102	682	786	658	274	60	6	-
District 2	1,175	1	67	11	56	301	399	284	107	15	1	-
District 3	3,911	2	268	77	191	1,077	1,232	913	341	73	4	1
District 4	5,625	-	198	42	156	958	1,761	1,786	754	155	13	-
District 5	2,821	2	214	58	156	745	884	612	280	77	7	-
District 6	2,445	1	136	32	104	609	807	602	243	46	1	-
District 7	3,885	1	152	27	125	1,206	1,299	835	328	63	1	-
Ada	5,023	-	164	33	131	806	1,535	1,651	706	148	13	-
Adams	37	-	-	-	-	7	13	10	5	2	-	-
Bannock	1,200	1	65	11	54	315	399	275	123	21	1	-
Bear Lake	90	-	5	-	5	21	38	15	9	2	-	-
Benewah	103	-	8	1	7	40	29	15	10	1	-	-
Bingham	661	-	48	17	31	152	213	188	51	9	-	-
Blaine	202	-	8	2	6	30	53	55	43	12	1	-
Boise	49	-	5	2	3	10	20	9	3	2	-	-
Bonner	437	-	29	9	20	102	133	100	55	16	2	-
Bonneville	1,910	1	92	17	75	489	684	450	162	32	-	-
Boundary	156	-	9	-	9	43	41	38	20	4	1	-
Butte	30	-	1	-	1	9	14	6	-	-	-	-
Camas	8	-	-	-	-	3	3	2	-	-	-	-
Canyon	3,129	2	224	68	156	863	967	740	273	55	4	1
Caribou	89	-	2	-	2	27	25	24	10	1	-	-
Cassia	383	1	37	12	25	101	122	81	31	9	1	-
Clark	7	-	1	-	1	1	2	1	2	-	-	-
Clearwater	72	1	5	1	4	29	21	12	4	-	-	-
Custer	47	-	3	1	2	11	13	15	5	-	-	-
Elmore	457	-	26	7	19	129	175	98	25	4	-	-
Franklin	202	-	7	1	6	45	72	46	26	6	-	-
Fremont	176	-	9	2	7	59	54	35	15	3	1	-
Gem	207	-	15	3	12	61	68	40	19	4	-	-
Gooding	227	-	18	4	14	71	65	44	23	6	-	-
Idaho	143	-	12	3	9	33	49	30	17	2	-	-
Jefferson	448	-	19	1	18	92	153	127	49	8	-	-
Jerome	401	-	41	12	29	95	123	94	38	9	1	-
Kootenai	1,756	-	81	22	59	436	533	484	180	39	3	-
Latah	424	-	17	-	17	95	146	116	43	6	1	-
Lemhi	80	-	3	1	2	18	21	25	11	2	-	-
Lewis	39	-	4	-	4	8	13	12	2	-	-	-
Lincoln	56	-	3	2	1	18	19	9	5	2	-	-
Madison	1,073	-	22	2	20	516	338	141	45	11	-	-
Minidoka	304	-	28	6	22	93	97	51	26	9	-	-
Nez Perce	497	-	29	7	22	136	170	114	41	7	-	-
Oneida	50	-	-	-	-	12	11	18	6	3	-	-
Owyhee	136	-	8	4	4	33	41	31	19	4	-	-
Payette	289	-	13	1	12	81	97	70	21	7	-	-
Power	123	-	8	3	5	28	35	30	18	4	-	-
Shoshone	148	-	7	-	7	61	50	21	9	-	-	-
Teton	144	-	3	3	-	20	34	41	39	7	-	-
Twin Falls	1,240	1	79	20	59	334	402	276	114	30	4	-
Valley	96	-	3	-	3	13	31	28	20	1	-	-
Washington	113	-	8	1	7	32	46	22	4	1	-	-

IDAHO RESIDENT LIVE BIRTHS
Education of Mother
2016

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	22,462	540	1,961	5,783	8,067	4,674	1,328	109
District 1	2,600	36	212	749	1,039	405	148	11
District 2	1,175	14	79	288	447	251	95	1
District 3	3,911	147	483	1,222	1,403	491	121	44
District 4	5,625	103	351	1,113	1,914	1,516	611	17
District 5	2,821	163	404	743	1,015	386	104	6
District 6	2,445	25	199	967	637	486	108	23
District 7	3,885	52	233	701	1,612	1,139	141	7
Ada	5,023	95	285	949	1,664	1,432	583	15
Adams	37	-	3	11	14	7	2	-
Bannock	1,200	4	73	564	208	256	83	12
Bear Lake	90	1	5	29	33	19	3	-
Benewah	103	1	8	42	36	12	4	-
Bingham	661	14	86	188	238	123	12	-
Blaine	202	9	23	42	53	42	30	3
Boise	49	2	7	11	21	6	2	-
Bonner	437	4	44	145	147	73	23	1
Bonneville	1,910	27	162	434	734	480	73	-
Boundary	156	19	10	57	47	18	4	1
Butte	30	-	3	10	13	4	-	-
Camas	8	-	1	2	2	2	1	-
Canyon	3,129	110	378	977	1,121	401	103	39
Caribou	89	-	4	32	32	19	1	1
Cassia	383	25	52	109	126	65	6	-
Clark	7	-	1	2	1	3	-	-
Clearwater	72	3	6	30	25	5	3	-
Custer	47	-	4	17	15	7	3	1
Elmore	457	4	51	133	201	51	16	1
Franklin	202	1	11	69	77	35	7	2
Fremont	176	6	13	40	68	43	4	2
Gem	207	3	23	70	87	18	4	2
Gooding	227	10	52	72	71	19	3	-
Idaho	143	5	11	41	51	28	7	-
Jefferson	448	6	26	83	189	126	17	1
Jerome	401	36	82	120	125	26	10	2
Kootenai	1,756	11	123	450	754	295	114	9
Latah	424	4	16	62	160	119	62	1
Lemhi	80	2	5	23	33	9	7	1
Lewis	39	1	5	12	14	6	1	-
Lincoln	56	5	9	14	18	8	1	1
Madison	1,073	3	17	74	523	430	26	-
Minidoka	304	17	39	93	111	34	10	-
Nez Perce	497	1	41	143	197	93	22	-
Oneida	50	-	1	15	18	15	-	1
Owyhee	136	17	29	38	37	9	4	2
Payette	289	15	42	77	104	45	6	-
Power	123	5	16	60	18	15	2	7
Shoshone	148	1	27	55	55	7	3	-
Teton	144	8	5	28	49	41	11	2
Twin Falls	1,240	61	146	291	509	190	43	-
Valley	96	2	8	20	28	27	10	1
Washington	113	2	8	49	40	11	2	1

IDAHO RESIDENT LIVE BIRTHS
Attendant at Birth
2016

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	22,462	19,576	2,206	-	473	102	104	1
District 1	2,600	2,057	285	-	188	35	35	-
District 2	1,175	924	171	-	63	7	10	-
District 3	3,911	3,482	310	-	62	43	13	1
District 4	5,625	4,821	715	-	78	2	9	-
District 5	2,821	2,686	111	-	16	3	5	-
District 6	2,445	2,228	189	-	12	5	11	-
District 7	3,885	3,378	425	-	54	7	21	-
Ada	5,023	4,254	684	-	75	2	8	-
Adams	37	35	1	-	-	1	-	-
Bannock	1,200	1,066	124	-	5	2	3	-
Bear Lake	90	89	1	-	-	-	-	-
Benewah	103	83	8	-	9	-	3	-
Bingham	661	618	35	-	6	-	2	-
Blaine	202	198	1	-	2	-	1	-
Boise	49	39	8	-	2	-	-	-
Bonner	437	356	13	-	53	9	6	-
Bonneville	1,910	1,666	211	-	25	3	5	-
Boundary	156	126	3	-	19	8	-	-
Butte	30	28	2	-	-	-	-	-
Camas	8	6	2	-	-	-	-	-
Canyon	3,129	2,839	208	-	51	24	6	1
Caribou	89	84	3	-	-	-	2	-
Cassia	383	374	5	-	3	-	1	-
Clark	7	6	-	-	-	-	1	-
Clearwater	72	52	17	-	1	-	2	-
Custer	47	43	3	-	1	-	-	-
Elmore	457	435	20	-	1	-	1	-
Franklin	202	191	6	-	1	1	3	-
Fremont	176	152	22	-	1	-	1	-
Gem	207	183	19	-	3	-	2	-
Gooding	227	204	21	-	2	-	-	-
Idaho	143	115	10	-	11	3	4	-
Jefferson	448	390	42	-	6	4	6	-
Jerome	401	367	32	-	2	-	-	-
Kootenai	1,756	1,366	245	-	104	18	23	-
Latah	424	368	8	-	42	4	2	-
Lemhi	80	77	-	-	3	-	-	-
Lewis	39	30	8	-	1	-	-	-
Lincoln	56	44	11	-	1	-	-	-
Madison	1,073	930	120	-	15	-	8	-
Minidoka	304	302	1	-	-	-	1	-
Nez Perce	497	359	128	-	8	-	2	-
Oneida	50	42	5	-	-	2	1	-
Owyhee	136	119	8	-	2	7	-	-
Payette	289	212	57	-	5	11	4	-
Power	123	110	13	-	-	-	-	-
Shoshone	148	126	16	-	3	-	3	-
Teton	144	114	27	-	3	-	-	-
Twin Falls	1,240	1,191	38	-	6	3	2	-
Valley	96	93	3	-	-	-	-	-
Washington	113	94	17	-	1	-	1	-

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

IDAHO RESIDENT LIVE BIRTHS
Place of Birth
2016

RESIDENCE	TOTAL LIVE BIRTHS	PLACE OF BIRTH					
		Hospital*	Freestanding Birthing Center	Clinic/Doctor's Office	Home	Other	Not Stated
IDAHO	22,462	21,674	302	2	473	10	1
District 1	2,600	2,366	100	-	131	3	-
District 2	1,175	1,102	17	-	56	-	-
District 3	3,911	3,755	58	1	96	-	1
District 4	5,625	5,427	103	-	94	1	-
District 5	2,821	2,791	5	-	22	3	-
District 6	2,445	2,416	4	-	23	2	-
District 7	3,885	3,817	15	1	51	1	-
Ada	5,023	4,837	94	-	91	1	-
Adams	37	35	1	-	1	-	-
Bannock	1,200	1,190	-	-	9	1	-
Bear Lake	90	89	-	-	1	-	-
Benewah	103	93	-	-	10	-	-
Bingham	661	653	2	-	6	-	-
Blaine	202	199	-	-	3	-	-
Boise	49	45	2	-	2	-	-
Bonner	437	370	34	-	33	-	-
Bonneville	1,910	1,880	5	-	24	1	-
Boundary	156	129	18	-	9	-	-
Butte	30	30	-	-	-	-	-
Camas	8	8	-	-	-	-	-
Canyon	3,129	3,024	42	-	62	-	1
Caribou	89	87	-	-	1	1	-
Cassia	383	378	1	-	3	1	-
Clark	7	7	-	-	-	-	-
Clearwater	72	70	1	-	1	-	-
Custer	47	46	-	-	1	-	-
Elmore	457	451	5	-	1	-	-
Franklin	202	197	1	-	4	-	-
Fremont	176	175	-	-	1	-	-
Gem	207	198	4	-	5	-	-
Gooding	227	224	1	-	2	-	-
Idaho	143	125	5	-	13	-	-
Jefferson	448	434	2	-	12	-	-
Jerome	401	398	1	-	2	-	-
Kootenai	1,756	1,631	45	-	77	3	-
Latah	424	381	10	-	33	-	-
Lemhi	80	77	-	-	3	-	-
Lewis	39	38	1	-	-	-	-
Lincoln	56	55	-	-	1	-	-
Madison	1,073	1,058	8	-	7	-	-
Minidoka	304	302	-	-	1	1	-
Nez Perce	497	488	-	-	9	-	-
Oneida	50	47	1	-	2	-	-
Owyhee	136	126	2	1	7	-	-
Payette	289	263	6	-	20	-	-
Power	123	123	-	-	-	-	-
Shoshone	148	143	3	-	2	-	-
Teton	144	140	-	1	3	-	-
Twin Falls	1,240	1,227	2	-	10	1	-
Valley	96	94	2	-	-	-	-
Washington	113	109	3	-	1	-	-

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

IDAHO RESIDENT LIVE BIRTHS
Birth and Fertility Rates
2015 U.S. and 2016 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	3,978,497		12.4		62.5
IDAHO	22,462	1,683,140	13.3	322,092	69.7
District 1	2,600	230,072	11.3	39,313	66.1
District 2	1,175	108,071	10.9	20,404	57.6
District 3	3,911	277,369	14.1	53,232	73.5
District 4	5,625	487,666	11.5	96,026	58.6
District 5	2,821	193,947	14.5	35,843	78.7
District 6	2,445	170,314	14.4	32,745	74.7
District 7	3,885	215,701	18.0	44,529	87.2
Ada	5,023	444,028	11.3	88,530	56.7
Adams	37	3,900	9.5	472	78.4
Bannock	1,200	84,377	14.2	17,397	69.0
Bear Lake	90	5,945	15.1	997	90.3
Benewah	103	9,092	11.3	1,325	77.7
Bingham	661	45,201	14.6	8,380	78.9
Blaine	202	21,791	9.3	3,589	56.3
Boise	49	7,124	6.9	964	50.8
Bonner	437	42,536	10.3	6,402	68.3
Bonneville	1,910	112,232	17.0	22,083	86.5
Boundary	156	11,681	13.4	1,873	83.3
Butte	30	2,501	12.0	378	79.4
Camas	8	1,072	7.5	163	49.1
Canyon	3,129	211,698	14.8	42,591	73.5
Caribou	89	6,887	12.9	1,130	78.8
Cassia	383	23,504	16.3	4,312	88.8
Clark	7	860	8.1	158	44.3
Clearwater	72	8,497	8.5	1,009	71.4
Custer	47	4,096	11.5	552	85.1
Elmore	457	26,018	17.6	5,052	90.5
Franklin	202	13,406	15.1	2,452	82.4
Fremont	176	12,943	13.6	2,196	80.1
Gem	207	17,184	12.0	2,713	76.3
Gooding	227	15,185	14.9	2,615	86.8
Idaho	143	16,156	8.9	2,096	68.2
Jefferson	448	27,839	16.1	5,254	85.3
Jerome	401	22,994	17.4	4,263	94.1
Kootenai	1,756	154,311	11.4	27,867	63.0
Latah	424	39,196	10.8	9,454	44.8
Lemhi	80	7,723	10.4	1,031	77.6
Lewis	39	3,853	10.1	532	73.3
Lincoln	56	5,271	10.6	1,025	54.6
Madison	1,073	39,048	27.5	11,097	96.7
Minidoka	304	20,616	14.7	3,663	83.0
Nez Perce	497	40,369	12.3	7,313	68.0
Oneida	50	4,343	11.5	693	72.2
Owyhee	136	11,389	11.9	1,947	69.9
Payette	289	23,026	12.6	4,001	72.2
Power	123	7,654	16.1	1,318	93.3
Shoshone	148	12,452	11.9	1,846	80.2
Teton	144	10,960	13.1	2,158	66.7
Twin Falls	1,240	83,514	14.8	16,213	76.5
Valley	96	10,496	9.1	1,480	64.9
Washington	113	10,172	11.1	1,508	74.9

1. Population source: United State Census Bureau, July 1, 2016 population estimate, Internet release June 26, 2017.
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 2015 final data, released by the National Vital Statistics Reports, National Center for Health Statistics, Vol. 66/No. 1, January 5, 2017.

IDAHO RESIDENT LIVE BIRTHS
Live Birth Order by Age of Mother
2016

LIVE BIRTH ORDER	TOTAL LIVE BIRTHS	AGE								
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL *	22,462	7	279	890	5,578	7,168	5,690	2,327	489	33
1	7,554	7	261	722	3,008	2,076	1,068	345	61	6
2	6,549	-	18	148	1,778	2,450	1,501	548	102	4
3	4,179	-	-	19	627	1,621	1,373	457	75	7
4	2,291	-	-	1	128	724	976	382	73	7
5	1,022	-	-	-	24	209	473	255	60	1
6	455	-	-	-	2	55	200	157	38	3
7	170	-	-	-	-	14	49	89	17	1
8	87	-	-	-	-	6	22	43	15	1
9	54	-	-	-	-	-	10	19	24	1
10-14	51	-	-	-	-	-	8	25	17	1
15+	2	-	-	-	-	-	-	-	2	-
Not Stated	48	-	-	-	11	13	10	7	5	1

* Total includes 1 birth with maternal age and live birth order not stated.

IDAHO RESIDENT LIVE BIRTHS
Fertility Rates and Birth Rates by Age of Mother
2015 U.S. and 2016 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	22,462	322,092	69.7	62.5
<15 ⁵	7	60,918	0.1	0.2
15-19	1,169	58,145	20.1	22.3
15-17	279	36,236	7.7	9.9
18-19	890	21,909	40.6	40.7
20-24	5,578	53,194	104.9	76.8
25-29	7,168	55,109	130.1	104.3
30-34	5,690	54,117	105.1	101.5
35-39	2,327	53,335	43.6	51.8
40-44	489	48,192	10.1	11.0
45+ ⁶	33	48,602	0.7	0.8
Not Stated	1	-	NA	NA

1. Source: U.S. Census Bureau, July 1, 2016 population estimate, Internet release date June 26, 2017.

2. U.S. rates are based on final 2015 data, released by the National Vital Statistics Reports, National Center for Health Statistics, Vol. 66/No. 1, January 5, 2017.

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
2016**

RESIDENCE	TOTAL LIVE BIRTHS	WIC Participation ¹	
		Number	Percent ²
IDAHO	22,462	7,307	32.8%
District 1	2,600	851	33.0
District 2	1,175	378	32.4
District 3	3,911	1,525	39.4
District 4	5,625	1,180	21.2
District 5	2,821	1,127	40.0
District 6	2,445	896	37.1
District 7	3,885	1,350	34.8
Ada	5,023	992	19.9
Adams	37	9	24.3
Bannock	1,200	430	36.3
Bear Lake	90	27	30.3
Benewah	103	48	48.0
Bingham	661	251	38.3
Blaine	202	53	26.6
Boise	49	19	38.8
Bonner	437	144	33.1
Bonneville	1,910	638	33.4
Boundary	156	49	31.6
Butte	30	11	36.7
Camas	8	4	50.0
Canyon	3,129	1,259	40.8
Caribou	89	30	34.5
Cassia	383	144	37.6
Clark	7	4	57.1
Clearwater	72	24	33.3
Custer	47	17	36.2
Elmore	457	147	34.2
Franklin	202	67	33.5
Fremont	176	72	41.4
Gem	207	61	29.6
Gooding	227	110	48.7
Idaho	143	27	19.3
Jefferson	448	113	25.2
Jerome	401	202	50.5
Kootenai	1,756	547	31.4
Latah	424	115	27.4
Lemhi	80	33	41.3
Lewis	39	16	42.1
Lincoln	56	21	37.5
Madison	1,073	445	41.5
Minidoka	304	127	41.8
Nez Perce	497	196	39.6
Oneida	50	17	35.4
Owyhee	136	50	36.8
Payette	289	96	33.3
Power	123	63	52.5
Shoshone	148	63	42.9
Teton	144	28	19.4
Twin Falls	1,240	466	37.6
Valley	96	22	23.2
Washington	113	50	44.6

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
2016

RESIDENCE	TOTAL LIVE BIRTHS	Breastfed	
		Number	Percent ²
IDAHO	22,462	20,723	92.6%
District 1	2,600	2,414	93.5
District 2	1,175	1,102	94.2
District 3	3,911	3,577	91.9
District 4	5,625	5,319	94.8
District 5	2,821	2,591	91.9
District 6	2,445	2,122	87.3
District 7	3,885	3,598	92.7
Ada	5,023	4,754	94.8
Adams	37	35	94.6
Bannock	1,200	1,057	88.2
Bear Lake	90	75	84.3
Benewah	103	91	89.2
Bingham	661	574	88.0
Blaine	202	195	97.5
Boise	49	48	98.0
Bonner	437	411	95.6
Bonneville	1,910	1,723	90.3
Boundary	156	153	98.1
Butte	30	27	90.0
Camas	8	7	87.5
Canyon	3,129	2,872	92.3
Caribou	89	79	88.8
Cassia	383	346	90.3
Clark	7	5	71.4
Clearwater	72	70	97.2
Custer	47	44	93.6
Elmore	457	428	94.7
Franklin	202	170	85.0
Fremont	176	159	90.3
Gem	207	188	91.3
Gooding	227	212	93.4
Idaho	143	137	95.8
Jefferson	448	420	93.8
Jerome	401	369	92.0
Kootenai	1,756	1,630	93.2
Latah	424	398	94.5
Lemhi	80	74	93.7
Lewis	39	36	97.3
Lincoln	56	55	98.2
Madison	1,073	1,034	96.6
Minidoka	304	259	85.2
Nez Perce	497	461	92.8
Oneida	50	37	74.0
Owyhee	136	127	93.4
Payette	289	257	89.2
Power	123	103	84.4
Shoshone	148	129	87.8
Teton	144	139	96.5
Twin Falls	1,240	1,148	92.7
Valley	96	89	92.7
Washington	113	98	87.5

1. Data in this table represents those newborns that received any established breastmilk or colostrum during the period of time between their birth and discharge from the hospital.
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, 2012	76.4%
Idaho, 2013	76.0%
Idaho, 2014	74.2%
Idaho, 2015	75.8%
Idaho, 2016	77.7%

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) Not all states have revised their birth certificate to the 2003 U.S. Standard Certificate. Idaho resident births occurring in states with non-revised certificates will not have comparable data for onset of prenatal care. 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
2016

	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	22,462	17,292	77.7%	3,915	17.6%	906	4.1%	146	0.7%	203
Mother's Age										
<15	7	4	57.1	1	14.3	2	28.6	-	-	-
15-19	1,169	779	67.4	292	25.3	72	6.2	13	1.1	13
15-17	279	167	61.2	82	30.0	20	7.3	4	1.5	6
18-19	890	612	69.3	210	23.8	52	5.9	9	1.0	7
20-24	5,578	4,105	74.5	1,091	19.8	279	5.1	37	0.7	66
25-29	7,168	5,647	79.4	1,142	16.1	286	4.0	40	0.6	53
30-34	5,690	4,536	80.4	887	15.7	184	3.3	35	0.6	48
35-39	2,327	1,837	79.5	387	16.8	73	3.2	13	0.6	17
40-44	489	359	74.2	107	22.1	10	2.1	8	1.7	5
45+	33	25	75.8	8	24.2	-	-	-	-	-
Age not stated	1	-	NA	-	NA	-	NA	-	NA	1
Race/Ethnicity¹										
White	20,046	15,638	78.7	3,375	17.0	733	3.7	128	0.6	172
Black	296	186	62.8	87	29.4	23	7.8	-	-	-
American Indian	390	231	60.9	96	25.3	44	11.6	8	2.1	11
Asian/Pacific Islander	479	348	73.6	91	19.2	28	5.9	6	1.3	6
Other race/multiple race	1,140	805	71.1	251	22.2	73	6.4	4	0.4	7
Race not stated	111	84	NA	15	NA	5	NA	-	NA	7
Non-Hispanic	18,767	14,696	79.0	3,098	16.6	696	3.7	121	0.7	156
Hispanic	3,613	2,549	71.3	796	22.3	206	5.8	24	0.7	38
Ethnicity not stated	82	47	NA	21	NA	4	NA	1	NA	9
Mother's Education										
Did not graduate high school	2,501	1,612	65.2	647	26.2	166	6.7	49	2.0	27
Graduated high school	19,852	15,609	79.3	3,251	16.5	732	3.7	93	0.5	167
Education not stated	109	71	NA	17	NA	8	NA	4	NA	9
Payment Source²										
Private Insurance	12,080	10,060	83.8	1,631	13.6	305	2.5	13	0.1	71
Medicaid	8,303	5,844	71.1	1,826	22.2	487	5.9	61	0.7	85
Self Pay	1,167	716	62.3	341	29.7	76	6.6	16	1.4	18
Other Government	696	574	83.6	81	11.8	28	4.1	4	0.6	9
Not applicable/none/other	172	83	48.8	26	15.3	9	5.3	52	30.6	2
Payment source not stated	44	15	NA	10	NA	1	NA	-	NA	18
Cigarette Smoking³										
Yes	1,955	1,338	69.4	432	22.4	128	6.6	31	1.6	26
No	20,397	15,893	78.5	3,464	17.1	768	3.8	111	0.5	161
Smoking status not stated	110	61	NA	19	NA	10	NA	4	NA	16
Parity⁴										
High for age	880	540	61.6	259	29.5	51	5.8	27	3.1	3
Not high for age	21,534	16,739	78.4	3,651	17.1	852	4.0	114	0.5	178
Parity not stated	48	13	NA	5	NA	3	NA	5	NA	22

1. Other race includes 17 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
2016

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	22,462	17,292	77.7%	3,915	17.6%	906	4.1%	146	0.7%	203
District 1	2,600	1,953	76.7	470	18.5	116	4.6	8	0.3	53
District 2	1,175	908	78.1	209	18.0	36	3.1	9	0.8	13
District 3	3,911	2,870	74.4	792	20.5	135	3.5	63	1.6	51
District 4	5,625	4,835	86.6	623	11.2	109	2.0	18	0.3	40
District 5	2,821	2,120	75.5	528	18.8	137	4.9	23	0.8	13
District 6	2,445	1,825	75.4	456	18.8	125	5.2	15	0.6	24
District 7	3,885	2,781	71.7	837	21.6	248	6.4	10	0.3	9
Ada	5,023	4,333	86.9	545	10.9	90	1.8	17	0.3	38
Adams	37	31	83.8	4	10.8	2	5.4	-	-	-
Bannock	1,200	894	74.7	220	18.4	75	6.3	7	0.6	4
Bear Lake	90	73	84.9	11	12.8	2	2.3	-	-	4
Benewah	103	69	69.0	23	23.0	8	8.0	-	-	3
Bingham	661	459	70.6	154	23.7	33	5.1	4	0.6	11
Blaine	202	170	84.2	25	12.4	6	3.0	1	0.5	-
Boise	49	42	85.7	5	10.2	2	4.1	-	-	-
Bonner	437	303	71.5	84	19.8	36	8.5	1	0.2	13
Bonneville	1,910	1,367	71.8	401	21.1	131	6.9	5	0.3	6
Boundary	156	112	72.7	31	20.1	11	7.1	-	-	2
Butte	30	23	76.7	5	16.7	2	6.7	-	-	-
Camas	8	5	62.5	3	37.5	-	-	-	-	-
Canyon	3,129	2,326	75.3	620	20.1	102	3.3	40	1.3	41
Caribou	89	77	86.5	9	10.1	3	3.4	-	-	-
Cassia	383	249	65.4	104	27.3	25	6.6	3	0.8	2
Clark	7	4	57.1	2	28.6	1	14.3	-	-	-
Clearwater	72	52	72.2	17	23.6	2	2.8	1	1.4	-
Custer	47	38	80.9	6	12.8	2	4.3	1	2.1	-
Elmore	457	389	85.3	53	11.6	13	2.9	1	0.2	1
Franklin	202	159	80.7	31	15.7	5	2.5	2	1.0	5
Fremont	176	128	72.7	35	19.9	13	7.4	-	-	-
Gem	207	143	70.4	55	27.1	5	2.5	-	-	4
Gooding	227	160	71.4	49	21.9	15	6.7	-	-	3
Idaho	143	106	74.6	23	16.2	9	6.3	4	2.8	1
Jefferson	448	321	71.7	102	22.8	21	4.7	4	0.9	-
Jerome	401	307	76.6	71	17.7	18	4.5	5	1.2	-
Kootenai	1,756	1,364	79.2	300	17.4	55	3.2	4	0.2	33
Latah	424	333	80.0	73	17.5	10	2.4	-	-	8
Lemhi	80	62	78.5	13	16.5	4	5.1	-	-	1
Lewis	39	33	84.6	5	12.8	1	2.6	-	-	-
Lincoln	56	45	80.4	9	16.1	2	3.6	-	-	-
Madison	1,073	756	70.5	248	23.1	68	6.3	-	-	1
Minidoka	304	205	68.1	79	26.2	15	5.0	2	0.7	3
Nez Perce	497	384	77.9	91	18.5	14	2.8	4	0.8	4
Oneida	50	40	80.0	6	12.0	3	6.0	1	2.0	-
Owyhee	136	90	66.7	29	21.5	7	5.2	9	6.7	1
Payette	289	199	69.6	63	22.0	12	4.2	12	4.2	3
Power	123	100	81.3	20	16.3	2	1.6	1	0.8	-
Shoshone	148	105	71.9	32	21.9	6	4.1	3	2.1	2
Teton	144	105	73.4	30	21.0	8	5.6	-	-	1
Twin Falls	1,240	979	79.3	188	15.2	56	4.5	12	1.0	5
Valley	96	71	74.7	20	21.1	4	4.2	-	-	1
Washington	113	81	73.0	21	18.9	7	6.3	2	1.8	2

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
2016

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	22,462	7,842	35.4%	9,817	44.3%	1,728	7.8%	2,645	11.9%	146	0.7%	284
District 1	2,600	980	38.6	1,052	41.4	161	6.3	340	13.4	8	0.3	59
District 2	1,175	302	26.0	635	54.7	89	7.7	125	10.8	9	0.8	15
District 3	3,911	1,115	29.1	1,812	47.3	346	9.0	498	13.0	63	1.6	77
District 4	5,625	1,976	35.5	2,895	52.0	312	5.6	364	6.5	18	0.3	60
District 5	2,821	1,215	43.4	926	33.1	260	9.3	373	13.3	23	0.8	24
District 6	2,445	869	36.1	1,043	43.3	172	7.1	308	12.8	15	0.6	38
District 7	3,885	1,385	35.8	1,454	37.5	388	10.0	637	16.4	10	0.3	11
Ada	5,023	1,793	36.1	2,599	52.3	256	5.2	304	6.1	17	0.3	54
Adams	37	13	35.1	15	40.5	5	13.5	4	10.8	-	-	-
Bannock	1,200	415	35.0	502	42.3	95	8.0	167	14.1	7	0.6	14
Bear Lake	90	30	34.9	45	52.3	5	5.8	6	7.0	-	-	4
Benewah	103	23	23.0	52	52.0	8	8.0	17	17.0	-	-	3
Bingham	661	233	36.0	292	45.1	31	4.8	87	13.4	4	0.6	14
Blaine	202	96	48.5	75	37.9	13	6.6	13	6.6	1	0.5	4
Boise	49	14	28.6	29	59.2	2	4.1	4	8.2	-	-	-
Bonner	437	128	30.2	153	36.1	53	12.5	89	21.0	1	0.2	13
Bonneville	1,910	866	45.5	666	35.0	59	3.1	308	16.2	5	0.3	6
Boundary	156	31	20.1	69	44.8	27	17.5	27	17.5	-	-	2
Butte	30	12	40.0	12	40.0	2	6.7	4	13.3	-	-	-
Camas	8	1	14.3	4	57.1	-	-	2	28.6	-	-	1
Canyon	3,129	891	29.1	1,464	47.8	291	9.5	380	12.4	40	1.3	63
Caribou	89	28	31.5	41	46.1	13	14.6	7	7.9	-	-	-
Cassia	383	157	41.3	129	33.9	21	5.5	70	18.4	3	0.8	3
Clark	7	-	-	5	71.4	-	-	2	28.6	-	-	-
Clearwater	72	13	18.1	37	51.4	10	13.9	11	15.3	1	1.4	-
Custer	47	15	32.6	20	43.5	5	10.9	5	10.9	1	2.2	1
Elmore	457	153	33.9	213	47.1	47	10.4	38	8.4	1	0.2	5
Franklin	202	81	41.1	81	41.1	14	7.1	19	9.6	2	1.0	5
Fremont	176	34	19.3	76	43.2	36	20.5	30	17.0	-	-	-
Gem	207	56	27.7	98	48.5	18	8.9	30	14.9	-	-	5
Gooding	227	84	38.0	79	35.7	28	12.7	30	13.6	-	-	6
Idaho	143	22	15.5	88	62.0	10	7.0	18	12.7	4	2.8	1
Jefferson	448	165	36.8	177	39.5	44	9.8	58	12.9	4	0.9	-
Jerome	401	163	40.8	122	30.5	56	14.0	54	13.5	5	1.3	1
Kootenai	1,756	739	43.0	722	42.1	66	3.8	186	10.8	4	0.2	39
Latah	424	98	23.6	233	56.1	49	11.8	35	8.4	-	-	9
Lemhi	80	45	57.0	20	25.3	2	2.5	12	15.2	-	-	1
Lewis	39	10	25.6	22	56.4	3	7.7	4	10.3	-	-	-
Lincoln	56	21	38.2	22	40.0	4	7.3	8	14.5	-	-	1
Madison	1,073	221	20.6	427	39.8	223	20.8	201	18.8	-	-	1
Minidoka	304	154	51.2	93	30.9	7	2.3	45	15.0	2	0.7	3
Nez Perce	497	159	32.3	255	51.8	17	3.5	57	11.6	4	0.8	5
Oneida	50	16	32.7	19	38.8	6	12.2	7	14.3	1	2.0	1
Owyhee	136	42	31.3	54	40.3	8	6.0	21	15.7	9	6.7	2
Payette	289	85	29.9	121	42.6	20	7.0	46	16.2	12	4.2	5
Power	123	54	43.9	51	41.5	6	4.9	11	8.9	1	0.8	-
Shoshone	148	59	40.4	56	38.4	7	4.8	21	14.4	3	2.1	2
Teton	144	39	27.5	63	44.4	19	13.4	21	14.8	-	-	2
Twin Falls	1,240	539	43.6	402	32.6	131	10.6	151	12.2	12	1.0	5
Valley	96	16	16.8	54	56.8	7	7.4	18	18.9	-	-	1
Washington	113	28	25.2	60	54.1	4	3.6	17	15.3	2	1.8	2

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
2015 U.S. and 2016 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	3,978,497	8.1%		1.4%		6.7%			
IDAHO	22,462	1,559	6.9%	242	1.1%	1,317	5.9%	20,895	8
District 1	2,600	161	6.2	29	1.1	132	5.1	2,437	2
District 2	1,175	68	5.8	18	1.5	50	4.3	1,106	1
District 3	3,911	284	7.3	41	1.0	243	6.2	3,625	2
District 4	5,625	368	6.5	54	1.0	314	5.6	5,256	1
District 5	2,821	213	7.6	39	1.4	174	6.2	2,608	-
District 6	2,445	196	8.0	25	1.0	171	7.0	2,247	2
District 7	3,885	269	6.9	36	0.9	233	6.0	3,616	-
Ada	5,023	334	6.6	52	1.0	282	5.6	4,689	-
Adams	37	5	13.5	-	-	5	13.5	32	-
Bannock	1,200	98	8.2	12	1.0	86	7.2	1,101	1
Bear Lake	90	4	4.4	-	-	4	4.4	86	-
Benewah	103	6	5.8	-	-	6	5.8	97	-
Bingham	661	53	8.0	7	1.1	46	7.0	608	-
Blaine	202	20	9.9	4	2.0	16	7.9	182	-
Boise	49	1	2.0	-	-	1	2.0	48	-
Bonner	437	30	6.9	3	0.7	27	6.2	407	-
Bonneville	1,910	147	7.7	22	1.2	125	6.5	1,763	-
Boundary	156	10	6.4	1	0.6	9	5.8	146	-
Butte	30	3	10.0	1	3.3	2	6.7	27	-
Camas	8	-	-	-	-	-	-	8	-
Canyon	3,129	221	7.1	30	1.0	191	6.1	2,906	2
Caribou	89	8	9.0	1	1.1	7	7.9	81	-
Cassia	383	29	7.6	7	1.8	22	5.7	354	-
Clark	7	-	-	-	-	-	-	7	-
Clearwater	72	1	1.4	-	-	1	1.4	70	1
Custer	47	3	6.4	-	-	3	6.4	44	-
Elmore	457	27	5.9	2	0.4	25	5.5	429	1
Franklin	202	16	8.0	3	1.5	13	6.5	185	1
Fremont	176	9	5.1	-	-	9	5.1	167	-
Gem	207	15	7.2	4	1.9	11	5.3	192	-
Gooding	227	19	8.4	2	0.9	17	7.5	208	-
Idaho	143	4	2.8	-	-	4	2.8	139	-
Jefferson	448	33	7.4	3	0.7	30	6.7	415	-
Jerome	401	34	8.5	12	3.0	22	5.5	367	-
Kootenai	1,756	103	5.9	24	1.4	79	4.5	1,651	2
Latah	424	32	7.5	11	2.6	21	5.0	392	-
Lemhi	80	3	3.8	1	1.3	2	2.5	77	-
Lewis	39	2	5.1	1	2.6	1	2.6	37	-
Lincoln	56	4	7.1	1	1.8	3	5.4	52	-
Madison	1,073	62	5.8	7	0.7	55	5.1	1,011	-
Minidoka	304	22	7.2	3	1.0	19	6.3	282	-
Nez Perce	497	29	5.8	6	1.2	23	4.6	468	-
Oneida	50	4	8.0	-	-	4	8.0	46	-
Owyhee	136	14	10.3	5	3.7	9	6.6	122	-
Payette	289	21	7.3	2	0.7	19	6.6	268	-
Power	123	10	8.1	1	0.8	9	7.3	113	-
Shoshone	148	12	8.1	1	0.7	11	7.4	136	-
Teton	144	12	8.3	3	2.1	9	6.3	132	-
Twin Falls	1,240	85	6.9	10	0.8	75	6.0	1,155	-
Valley	96	6	6.3	-	-	6	6.3	90	-
Washington	113	8	7.1	-	-	8	7.1	105	-

1. U.S. low birthweight birth percentages are based on 2015 final data, released by the National Vital Statistics Reports, National Center for Health Statistics, Vol. 66/No. 1, January 5, 2017.

2. Percentages are based on records with stated birthweight.

IDAHO RESIDENT LOW BIRTHWEIGHT LIVE BIRTHS
Race and Ethnicity of Mother
2016

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)	1,559	6.9%	1,349 6.7%	22 7.4%	25 6.4%	48 10.0%	110 9.6%	5 NA	1,256 6.7%	299 8.3%
District 1	161	6.2	146	-	4	6	5	-	149	12
District 2	68	5.8	59	-	5	3	1	-	61	7
District 3	284	7.3	247	1	4	3	29	-	195	88
District 4	368	6.5	322	13	2	19	12	-	323	45
District 5	213	7.6	175	2	3	6	26	1	125	88
District 6	196	8.0	164	-	6	7	15	4	173	21
District 7	269	6.9	236	6	1	4	22	-	230	38
Ada	334	6.6	294	12	1	18	9	-	294	40
Adams	5	13.5	5	-	-	-	-	-	4	1
Bannock	98	8.2	83	-	3	6	4	2	91	5
Bear Lake	4	4.4	3	-	-	1	-	-	4	-
Benewah	6	5.8	6	-	-	-	-	-	6	-
Bingham	53	8.0	43	-	3	-	6	1	44	9
Blaine	20	9.9	12	-	-	-	7	1	9	11
Boise	1	2.0	1	-	-	-	-	-	1	-
Bonner	30	6.9	28	-	-	1	1	-	29	1
Bonneville	147	7.7	129	3	-	3	12	-	121	26
Boundary	10	6.4	9	-	1	-	-	-	10	-
Butte	3	10.0	3	-	-	-	-	-	3	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	221	7.1	191	1	3	3	23	-	153	67
Caribou	8	9.0	7	-	-	-	1	-	7	1
Cassia	29	7.6	23	1	1	-	4	-	19	10
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	1	1.4	1	-	-	-	-	-	1	-
Custer	3	6.4	3	-	-	-	-	-	3	-
Elmore	27	5.9	22	1	-	1	3	-	23	4
Franklin	16	8.0	16	-	-	-	-	-	16	-
Fremont	9	5.1	6	-	1	-	2	-	7	2
Gem	15	7.2	14	-	-	-	1	-	10	5
Gooding	19	8.4	16	-	1	1	1	-	12	7
Idaho	4	2.8	4	-	-	-	-	-	4	-
Jefferson	33	7.4	27	1	-	-	5	-	27	6
Jerome	34	8.5	28	-	-	-	6	-	14	20
Kootenai	103	5.9	91	-	3	5	4	-	92	11
Latah	32	7.5	28	-	1	3	-	-	27	5
Lemhi	3	3.8	3	-	-	-	-	-	3	-
Lewis	2	5.1	1	-	1	-	-	-	2	-
Lincoln	4	7.1	3	-	-	-	1	-	3	1
Madison	62	5.8	57	1	-	1	3	-	58	4
Minidoka	22	7.2	21	-	-	-	1	-	7	15
Nez Perce	29	5.8	25	-	3	-	1	-	27	2
Oneida	4	8.0	4	-	-	-	-	-	4	-
Owyhee	14	10.3	10	-	-	-	4	-	6	8
Payette	21	7.3	19	-	1	-	1	-	14	7
Power	10	8.1	5	-	-	-	4	1	4	6
Shoshone	12	8.1	12	-	-	-	-	-	12	-
Teton	12	8.3	11	1	-	-	-	-	11	-
Twin Falls	85	6.9	72	1	1	5	6	-	61	24
Valley	6	6.3	5	-	1	-	-	-	5	1
Washington	8	7.1	8	-	-	-	-	-	8	-

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. Please note, there were four records that had a low birth weight stated but ethnicity was not stated.

IDAHO RESIDENT LOW BIRTHWEIGHT LIVE BIRTHS
Age of Mother
2016

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 (Percent ¹)	1,559 6.9%	1 14.3%	115 9.8%	33 11.8%	82 9.2%	400 7.2%	468 6.5%	344 6.0%	185 8.0%	44 9.0%	2 6.1%
District 1	161	-	14	4	10	49	45	32	17	4	-
District 2	68	-	2	-	2	13	27	16	10	-	-
District 3	284	-	20	9	11	84	92	53	25	9	1
District 4	368	-	26	7	19	60	111	100	60	11	-
District 5	213	1	23	8	15	62	55	40	24	8	-
District 6	196	-	13	2	11	47	56	44	29	6	1
District 7	269	-	17	3	14	85	82	59	20	6	-
Ada	334	-	26	7	19	49	101	90	57	11	-
Adams	5	-	-	-	-	1	2	1	1	-	-
Bannock	98	-	7	-	7	23	29	23	13	2	1
Bear Lake	4	-	1	-	1	-	-	1	2	-	-
Benewah	6	-	1	1	-	2	-	2	1	-	-
Bingham	53	-	5	2	3	17	12	13	4	2	-
Blaine	20	-	1	-	1	4	2	7	4	2	-
Boise	1	-	-	-	-	-	1	-	-	-	-
Bonner	30	-	4	-	4	11	7	5	2	1	-
Bonneville	147	-	11	2	9	48	41	31	13	3	-
Boundary	10	-	-	-	-	3	1	5	1	-	-
Butte	3	-	-	-	-	1	1	1	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-	-
Canyon	221	-	17	8	9	59	78	41	19	6	1
Caribou	8	-	-	-	-	1	4	1	2	-	-
Cassia	29	1	6	2	4	4	10	8	-	-	-
Clark	-	-	-	-	-	-	-	-	-	-	-
Clearwater	1	-	-	-	-	-	1	-	-	-	-
Custer	3	-	-	-	-	-	1	2	-	-	-
Elmore	27	-	-	-	-	10	7	8	2	-	-
Franklin	16	-	-	-	-	3	7	2	3	1	-
Fremont	9	-	-	-	-	2	6	1	-	-	-
Gem	15	-	2	1	1	7	4	1	1	-	-
Gooding	19	-	-	-	-	9	1	5	4	-	-
Idaho	4	-	-	-	-	-	4	-	-	-	-
Jefferson	33	-	3	-	3	7	10	10	2	1	-
Jerome	34	-	2	-	2	12	12	2	4	2	-
Kootenai	103	-	9	3	6	27	32	19	13	3	-
Latah	32	-	2	-	2	8	10	7	5	-	-
Lemhi	3	-	-	-	-	-	2	1	-	-	-
Lewis	2	-	-	-	-	-	-	2	-	-	-
Lincoln	4	-	1	-	1	1	1	1	-	-	-
Madison	62	-	2	-	2	28	19	10	3	-	-
Minidoka	22	-	2	-	2	9	5	3	3	-	-
Nez Perce	29	-	-	-	-	5	12	7	5	-	-
Oneida	4	-	-	-	-	1	1	-	1	1	-
Owyhee	14	-	-	-	-	4	1	4	3	2	-
Payette	21	-	1	-	1	7	6	5	1	1	-
Power	10	-	-	-	-	1	2	3	4	-	-
Shoshone	12	-	-	-	-	6	5	1	-	-	-
Teton	12	-	1	1	-	-	3	4	2	2	-
Twin Falls	85	-	11	6	5	23	24	14	9	4	-
Valley	6	-	-	-	-	1	2	2	1	-	-
Washington	8	-	-	-	-	6	1	1	-	-	-

1. Percentages are based on records with stated birthweight.

IDAHO RESIDENT LOW BIRTHWEIGHT LIVE BIRTHS
Live Birth Order by Age of Mother
2016

LIVE BIRTH ORDER	TOTAL	AGE								
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL	1,559	1	33	82	400	468	344	185	44	2
1	591	1	27	68	211	161	85	32	5	1
2	405	-	6	12	130	140	78	34	5	-
3	262	-	-	2	43	92	75	37	12	1
4	157	-	-	-	11	48	58	31	9	-
5	63	-	-	-	2	16	23	18	4	-
6	34	-	-	-	-	2	14	15	3	-
7	18	-	-	-	-	3	7	7	1	-
8	5	-	-	-	-	-	1	3	1	-
9	7	-	-	-	-	-	1	3	3	-
10-14	5	-	-	-	-	-	1	3	1	-
15+	-	-	-	-	-	-	-	-	-	-
Not Stated	12	-	-	-	3	6	1	2	-	-

IDAHO RESIDENT LOW BIRTHWEIGHT LIVE BIRTHS
Number and Percentage of Low Birthweight Births by Age of Mother
2015 U.S. and 2016 Idaho

AGE GROUP	IDAHO			U.S. ¹
	Total Live Births	Low Birthweight Live Births	Percent Low Birthweight	Percent Low Birthweight
TOTAL	22,462	1,559	6.9%	8.1%
<15	7	1	14.3	12.6
15-19	1,169	115	9.8	9.5
15-17	279	33	11.8	9.8
18-19	890	82	9.2	9.4
20-24	5,578	400	7.2	8.4
25-29	7,168	468	6.5	7.5
30-34	5,690	344	6.0	7.5
35-39	2,327	185	8.0	8.7
40-44	489	44	9.0	10.8
45+	33	2	6.1	19.8
Not Stated	1	-	NA	NA

1. U.S. low birthweight birth percentages are based on final 2015 data, released by the National Vital Statistics Reports, National Center for Health Statistics, Vol. 66/No. 1, January 5, 2017.
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
2016

GESTATIONAL AGE ¹	TOTAL LIVE BIRTHS	BIRTHWEIGHT										Not Stated
		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)		
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
TOTAL	22,462	1,559	6.9%	242	1.1%	1,317	5.9%	19,022	84.7%	1,873	8.3%	8
Preterm (< 37 weeks)	1,991	1,061	53.3	235	11.8	826	41.5	921	46.3	9	0.5	-
Under 32 weeks	293	287	98.0	197	67.2	90	30.7	6	2.0	-	-	-
32-33 weeks	201	186	92.5	28	13.9	158	78.6	15	7.5	-	-	-
34-36 weeks	1,497	588	39.3	10	0.7	578	38.6	900	60.1	9	0.6	-
Term (37-41 weeks)	20,380	498	2.4	7	0.0	491	2.4	18,036	88.5	1,845	9.1	1
37-38 weeks	5,496	380	6.9	1	0.0	379	6.9	4,898	89.1	218	4.0	-
39-41 weeks	14,884	118	0.8	6	0.0	112	0.8	13,138	88.3	1,627	10.9	1
Postterm (42+ weeks)	52	-	-	-	-	-	-	37	71.2	15	28.8	-
Not Stated	39	-	NA	-	NA	-	NA	28	NA	4	NA	7

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
2016

CIGARETTE SMOKING DURING PREGNANCY	TOTAL LIVE BIRTHS	BIRTHWEIGHT										Not Stated
		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)		
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
TOTAL	22,462	1,559	6.9%	242	1.1%	1,317	5.9%	19,022	84.7%	1,873	8.3%	8
Yes	1,955	234	12.0	26	1.3	208	10.6	1,628	83.3	92	4.7	1
No	20,397	1,316	6.5	214	1.0	1,102	5.4	17,307	84.9	1,771	8.7	3
Not Stated	110	9	NA	2	NA	7	NA	87	NA	10	NA	4

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

IDAHO RESIDENT LIVE BIRTHS
Gestational Age
2015 U.S. and 2016 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	3,978,497		9.6%		90.4%	
IDAHO	22,462	1,991	8.9%	20,432	91.1%	39
District 1	2,600	194	7.5	2,404	92.5	2
District 2	1,175	89	7.6	1,082	92.4	4
District 3	3,911	396	10.2	3,487	89.8	28
District 4	5,625	462	8.2	5,161	91.8	2
District 5	2,821	267	9.5	2,553	90.5	1
District 6	2,445	275	11.3	2,168	88.7	2
District 7	3,885	308	7.9	3,577	92.1	-
Ada	5,023	422	8.4	4,600	91.6	1
Adams	37	2	5.4	35	94.6	-
Bannock	1,200	123	10.3	1,076	89.7	1
Bear Lake	90	9	10.0	81	90.0	-
Benewah	103	7	6.8	96	93.2	-
Bingham	661	81	12.3	580	87.7	-
Blaine	202	20	9.9	182	90.1	-
Boise	49	2	4.1	47	95.9	-
Bonner	437	34	7.8	403	92.2	-
Bonneville	1,910	179	9.4	1,731	90.6	-
Boundary	156	15	9.6	141	90.4	-
Butte	30	7	23.3	23	76.7	-
Camas	8	-	-	8	100.0	-
Canyon	3,129	314	10.1	2,794	89.9	21
Caribou	89	11	12.4	78	87.6	-
Cassia	383	34	8.9	349	91.1	-
Clark	7	-	-	7	100.0	-
Clearwater	72	3	4.2	68	95.8	1
Custer	47	5	10.6	42	89.4	-
Elmore	457	32	7.0	424	93.0	1
Franklin	202	24	11.9	177	88.1	1
Fremont	176	11	6.3	165	93.8	-
Gem	207	17	8.2	190	91.8	-
Gooding	227	22	9.7	205	90.3	-
Idaho	143	7	4.9	135	95.1	1
Jefferson	448	32	7.1	416	92.9	-
Jerome	401	42	10.5	359	89.5	-
Kootenai	1,756	126	7.2	1,628	92.8	2
Latah	424	39	9.2	383	90.8	2
Lemhi	80	7	8.8	73	91.3	-
Lewis	39	2	5.1	37	94.9	-
Lincoln	56	4	7.1	52	92.9	-
Madison	1,073	61	5.7	1,012	94.3	-
Minidoka	304	26	8.6	277	91.4	1
Nez Perce	497	38	7.6	459	92.4	-
Oneida	50	5	10.0	45	90.0	-
Owyhee	136	17	13.0	114	87.0	5
Payette	289	37	12.9	250	87.1	2
Power	123	15	12.2	108	87.8	-
Shoshone	148	12	8.1	136	91.9	-
Teton	144	13	9.0	131	91.0	-
Twin Falls	1,240	119	9.6	1,121	90.4	-
Valley	96	6	6.3	90	93.8	-
Washington	113	9	8.0	104	92.0	-

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 2015 data, released by the National Vital Statistics Reports, National Center for Health Statistics, Vol. 66/No. 1, January 5, 2017. Percentages based on records with stated gestational age.

**IDAHO RESIDENT LIVE BIRTHS
Number and Percent of Births by Plurality
2016**

RESIDENCE	PLURALITY					
	Single		Twin		Triplet/+ ¹	
	Number	Percent	Number	Percent	Number	Percent
IDAHO	21,733	96.8%	701	3.1%	28	0.1%
District 1	2,515	96.7	82	3.2	3	0.1
District 2	1,147	97.6	25	2.1	3	0.3
District 3	3,780	96.7	128	3.3	3	0.1
District 4	5,444	96.8	178	3.2	3	0.1
District 5	2,723	96.5	94	3.3	4	0.1
District 6	2,365	96.7	80	3.3	-	-
District 7	3,759	96.8	114	2.9	12	0.3

**IDAHO RESIDENT LIVE BIRTHS
Number and Percent of Births by Plurality by Gestational Age
2016**

GESTATIONAL AGE ²	PLURALITY					
	Single		Twin		Triplet/+ ¹	
	Number	Percent	Number	Percent	Number	Percent
TOTAL	21,733	100.0%	701	100.0%	28	100.0%
<37 Completed weeks gestation (Preterm births)	1,567	7.2	399	56.9	25	89.3
37+ Completed weeks gestation (Term births)	20,127	92.8	302	43.1	3	10.7
Gestational age not stated	39	NA	-	NA	-	NA

**IDAHO RESIDENT LIVE BIRTHS
Number and Percent of Births by Plurality by Birthweight
2016**

BIRTHWEIGHT	PLURALITY					
	Single		Twin		Triplet/+ ¹	
	Number	Percent	Number	Percent	Number	Percent
TOTAL	21,733	100.0%	701	100.0%	28	100.0%
Total low birthweight	1,188	5.5	344	49.1	27	96.4
<1,500 grams	190	0.9	42	6.0	10	35.7
1,500 - 2,499 grams	998	4.6	302	43.1	17	60.7
2,500+ grams	20,537	94.5	357	50.9	1	3.6
Birthweight not stated	8	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.

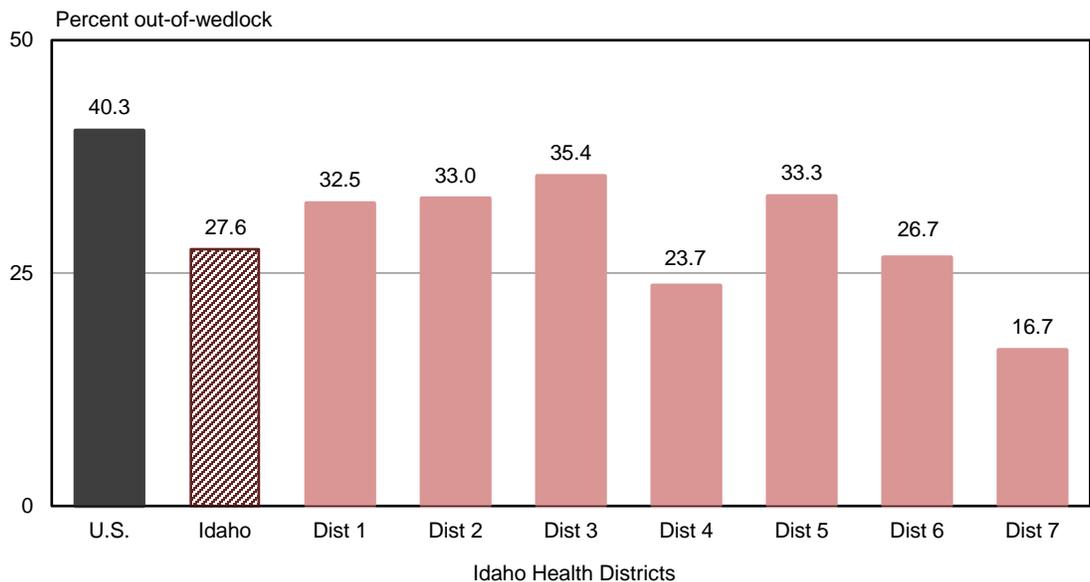
OUT-OF-WEDLOCK BIRTHS

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 from 2008 to 2016. In the past year, the number of out-of-wedlock births decreased 124 (2.0 percent) from 6,308 in 2015 to 6,184 in 2016.

The U.S.² 2015 total percent of out-of-wedlock births (40.3) was nearly 1.5 times greater than Idaho's 2016 total percent (27.6). From 2015 to 2016 in Idaho, the percentage of out-of-wedlock births increased in Health Districts 2 and 5 and decreased in Districts 1, 3, 4, 6, and 7. District 3 recorded the highest proportion of live births that were out of wedlock (35.4 percent) followed by District 5 (33.3 percent). District 7 recorded the lowest percent of out-of-wedlock births in 2016 (16.7) followed by District 4 (23.7).

PERCENT OUT-OF-WEDLOCK BIRTHS
2015 U.S.² and 2016 Idaho and Idaho Health Districts



Idaho Counties

In Idaho, Counties with the highest percentages of out-of-wedlock births in Idaho were Clearwater (50.7 percent), Shoshone (47.6 percent), and Lewis (46.2 percent). The lowest percentages occurred in Madison (2.8 percent), Franklin (12.4 percent), and Caribou (14.6 percent). For greatest changes in total numbers of out-of-wedlock births, Ada and Kootenai Counties had the greatest decrease from 2015 to 2016 (62 fewer out-of-wedlock births for both Ada and Kootenai) while Twin Falls and Bannock Counties had the greatest increase from 2015 to 2016 (41 more out-of-wedlock births for Twin Falls and 33 more out-of-wedlock births for Bannock).

U.S. and Idaho Race/Ethnicity

By race and ethnicity, Idaho 2016 out-of-wedlock percentages increased for the American Indian or Alaska Native (AIAN), Asian or Pacific Islander (API), and "other race" populations while they decreased for the White, Black, and Hispanic populations. Note, Idaho has relatively small numbers for non-white rates; some fluctuation from year to year can be expected.

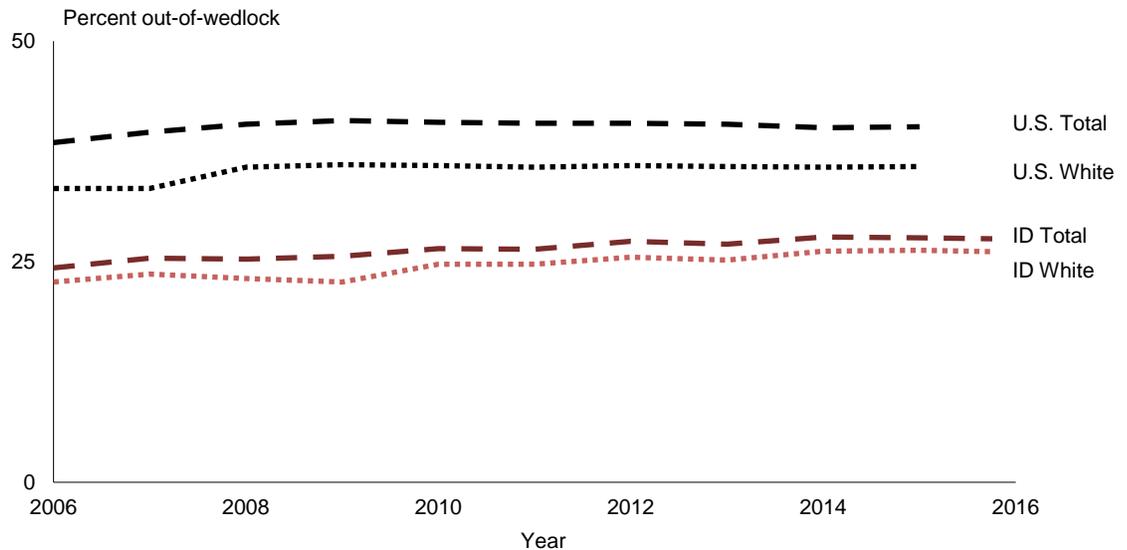
The U.S.² out-of-wedlock percent for Whites was 37.3 percent higher than Idaho's 2016 percent and the U.S.² Black percent was more than twice as high than Idaho's percent. The U.S.² Hispanic percent was 21.7 percent higher than Idaho's 2016 percent while the U.S.² Asian or

**U.S. and Idaho
Race/Ethnicity**

Pacific Islander (API) percent was 7.6 percent higher than Idaho’s percent. The U.S.² American Indian or Alaska Native (AIAN) percent was 2.8 percent higher than Idaho’s 2016 percent. When comparing Idaho with the U.S., one should 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.

RACE/ETHNICITY – SPECIFIC PERCENTAGES										
Race/Ethnicity	2016 %		2015 %		2014 %		2013 %		2012 %	
	ID	U.S.	ID	U.S. ²	ID	U.S. ³	ID.	U.S. ⁴	ID	U.S. ⁵
Total	27.6	NA	27.7	40.3	27.8	40.2	27.0	40.6	27.3	40.7
White	26.1	NA	26.3	35.8	26.2	35.7	25.2	35.8	25.5	35.9
Black	33.2	NA	33.3	70.1	33.0	70.4	32.7	71.0	39.8	71.6
AIAN	64.0	NA	63.7	65.8	66.6	65.7	70.8	66.4	66.4	66.9
API	15.2	NA	13.6	16.4	13.3	16.4	16.3	17.0	16.1	17.0
Other Race	43.3	NA	43.0	NA	44.6	NA	46.0	NA	45.4	NA
Ethnicity: Hispanic ¹	43.5	NA	45.0	53.0	44.4	52.9	45.2	53.2	45.0	53.5

**PERCENT OUT-OF-WEDLOCK BIRTHS
U.S. and Idaho (Total and White)
2006-2016**



Note: 2016 U.S. percentages of out-of-wedlock births were unavailable at the time of this publication and therefore, is not included in these charts.

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 2015,” [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 66/No. 1, January 5, 2017.
3. “Births: Final Data for 2014,” [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 64/No. 12, December 23, 2015.
4. “Births: Final Data for 2013,” [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 64/No. 1 January 15, 2015.
5. “Births: Final Data for 2012,” [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 62/No. 9 December 30, 2013.

IDAHO RESIDENT OUT-OF-WEDLOCK LIVE BIRTHS
Race and Ethnicity of Mother
2016

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)	6,184	27.6%	5,223 26.1%	98 33.2%	249 64.0%	73 15.2%	494 43.3%	47 NA	4,584 24.4%	1,572 43.5%
District 1	844	32.5	769	9	35	10	17	4	787	54
District 2	387	33.0	326	3	49	3	6	-	369	16
District 3	1,383	35.4	1,163	13	22	12	163	10	841	528
District 4	1,330	23.7	1,139	51	23	35	71	11	1,098	229
District 5	938	33.3	836	6	13	8	69	6	527	410
District 6	652	26.7	470	7	98	4	57	16	506	141
District 7	650	16.7	520	9	9	1	111	-	456	194
Ada	1,166	23.2	1,006	44	16	32	57	11	964	199
Adams	14	37.8	14	-	-	-	-	-	12	2
Bannock	349	29.1	264	7	57	4	11	6	297	48
Bear Lake	19	21.1	19	-	-	-	-	-	17	2
Benewah	47	45.6	38	1	8	-	-	-	46	1
Bingham	195	29.5	116	-	41	-	30	8	131	63
Blaine	65	32.2	48	-	-	1	10	6	30	34
Boise	20	40.8	17	1	1	-	1	-	19	1
Bonner	138	31.6	129	1	3	3	2	-	128	10
Bonneville	442	23.2	363	7	5	-	67	-	306	136
Boundary	44	28.2	42	1	1	-	-	-	41	3
Butte	7	23.3	6	-	-	-	1	-	5	2
Camas	2	25.0	2	-	-	-	-	-	2	-
Canyon	1,111	35.6	916	12	18	9	146	10	636	462
Caribou	13	14.6	12	-	-	-	1	-	11	2
Cassia	115	30.0	109	1	2	-	3	-	48	67
Clark	3	42.9	-	-	-	-	3	-	-	3
Clearwater	36	50.7	34	1	1	-	-	-	35	1
Custer	14	29.8	14	-	-	-	-	-	13	1
Elmore	108	23.7	82	6	4	3	13	-	85	23
Franklin	25	12.4	22	-	-	-	1	2	21	4
Fremont	40	22.7	28	-	1	-	11	-	27	13
Gem	69	33.5	63	1	-	1	4	-	59	9
Gooding	90	39.6	77	-	2	-	11	-	47	43
Idaho	43	30.1	39	1	2	1	-	-	43	-
Jefferson	66	14.7	48	1	3	-	14	-	46	20
Jerome	156	38.9	132	1	2	-	21	-	67	89
Kootenai	545	31.1	491	6	23	6	15	4	502	40
Latah	91	21.6	85	-	2	1	3	-	82	7
Lemhi	24	30.4	24	-	-	-	-	-	24	-
Lewis	18	46.2	14	-	4	-	-	-	18	-
Lincoln	23	41.1	15	-	-	-	8	-	12	11
Madison	30	2.8	19	1	-	1	9	-	21	9
Minidoka	98	32.2	96	-	1	-	1	-	40	58
Nez Perce	199	40.0	154	1	40	1	3	-	191	8
Oneida	10	20.0	10	-	-	-	-	-	10	-
Owyhee	46	34.1	37	-	2	-	7	-	30	16
Payette	95	32.9	88	-	2	2	3	-	67	28
Power	34	27.6	21	-	-	-	13	-	14	20
Shoshone	70	47.6	69	-	-	1	-	-	70	-
Teton	31	21.5	24	-	-	-	7	-	19	12
Twin Falls	389	31.4	357	4	6	7	15	-	281	108
Valley	36	37.5	34	-	2	-	-	-	30	6
Washington	48	42.9	45	-	-	-	3	-	37	11

1. Beginning with 2009, out-of-state births with more than one race are included with "other race"; there were 8 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
2016

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	6,184	7	933	254	679	2,287	1,620	860	378	90	9
District 1	844	-	112	28	84	358	217	106	43	7	1
District 2	387	1	57	11	46	160	98	45	22	3	1
District 3	1,383	2	216	66	150	553	332	195	65	19	1
District 4	1,330	-	167	41	126	435	379	231	92	22	4
District 5	938	2	165	54	111	325	251	104	69	21	1
District 6	652	1	106	32	74	227	168	96	46	7	1
District 7	650	1	110	22	88	229	175	83	41	11	-
Ada	1,166	-	140	32	108	382	328	206	84	22	4
Adams	14	-	-	-	-	5	4	2	2	1	-
Bannock	349	1	49	11	38	122	92	56	25	3	1
Bear Lake	19	-	4	-	4	4	8	2	1	-	-
Benewah	47	-	8	1	7	22	11	4	2	-	-
Bingham	195	-	41	17	24	61	47	31	13	2	-
Blaine	65	-	6	2	4	14	22	11	8	4	-
Boise	20	-	5	2	3	7	5	3	-	-	-
Bonner	138	-	22	7	15	57	35	15	7	2	-
Bonneville	442	1	73	13	60	162	122	54	22	8	-
Boundary	44	-	7	-	7	21	10	3	2	1	-
Butte	7	-	-	-	-	5	-	2	-	-	-
Camas	2	-	-	-	-	2	-	-	-	-	-
Canyon	1,111	2	182	59	123	437	266	156	52	15	1
Caribou	13	-	2	-	2	7	2	1	1	-	-
Cassia	115	1	30	12	18	39	29	8	6	2	-
Clark	3	-	1	-	1	1	-	-	1	-	-
Clearwater	36	1	5	1	4	17	7	4	2	-	-
Custer	14	-	3	1	2	4	3	2	2	-	-
Elmore	108	-	19	7	12	38	33	14	4	-	-
Franklin	25	-	4	1	3	9	9	1	2	-	-
Fremont	40	-	7	2	5	12	13	4	4	-	-
Gem	69	-	11	2	9	30	18	5	5	-	-
Gooding	90	-	16	3	13	38	20	5	8	3	-
Idaho	43	-	11	3	8	17	8	3	3	1	-
Jefferson	66	-	12	-	12	28	13	7	6	-	-
Jerome	156	-	28	11	17	47	41	19	17	3	1
Kootenai	545	-	68	20	48	220	142	79	31	4	1
Latah	91	-	15	-	15	37	20	12	5	1	1
Lemhi	24	-	3	1	2	6	8	5	1	1	-
Lewis	18	-	3	-	3	6	5	4	-	-	-
Lincoln	23	-	3	2	1	7	9	2	1	1	-
Madison	30	-	8	2	6	10	8	3	-	1	-
Minidoka	98	-	21	6	15	38	23	9	4	3	-
Nez Perce	199	-	23	7	16	83	58	22	12	1	-
Oneida	10	-	-	-	-	5	1	-	2	2	-
Owyhee	46	-	5	3	2	17	13	8	1	2	-
Payette	95	-	11	1	10	45	16	17	5	1	-
Power	34	-	6	3	3	14	9	3	2	-	-
Shoshone	70	-	7	-	7	38	19	5	1	-	-
Teton	31	-	3	3	-	6	8	8	5	1	-
Twin Falls	389	1	61	18	43	140	107	50	25	5	-
Valley	36	-	3	-	3	8	13	8	4	-	-
Washington	48	-	7	1	6	19	15	7	-	-	-

IDAHO RESIDENT OUT-OF-WEDLOCK LIVE BIRTHS
Live Birth Order by Age of Mother
2016

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	6,184	7	254	679	2,287	1,620	860	378	90	9
1	2,751	7	241	561	1,254	453	160	55	17	3
2	1,697	-	13	105	696	546	232	82	23	-
3	954	-	-	12	254	369	209	94	13	3
4	438	-	-	1	64	169	131	57	14	2
5	201	-	-	-	13	55	79	47	7	-
6	68	-	-	-	-	15	23	20	9	1
7	22	-	-	-	-	4	11	4	3	-
8	18	-	-	-	-	2	5	9	2	-
9	10	-	-	-	-	-	4	5	1	-
10-14	4	-	-	-	-	-	1	2	1	-
15+	-	-	-	-	-	-	-	-	-	-
Not stated	21	-	-	-	6	7	5	3	-	-

IDAHO RESIDENT OUT-OF-WEDLOCK LIVE BIRTHS
Number and Percentage of Births Out-of-Wedlock by Age of Mother
2015 U.S. and 2016 Idaho

AGE GROUP	IDAHO			U.S. ¹
	Total Live Births	Out-of-Wedlock Live Births	Percent Out-of-Wedlock	Percent Out-of-Wedlock
TOTAL	22,462	6,184	27.6%	40.3%
<15	7	7	100.0	99.6
15-19	1,169	933	79.9	88.8
15-17	279	254	91.0	95.7
18-19	890	679	76.4	86.3
20-24	5,578	2,287	41.1	65.9
25-29	7,168	1,620	22.6	37.8
30-34	5,690	860	15.1	23.1
35-39	2,327	378	16.3	22.1
40-44	489	90	18.4	NA
45+	33	9	28.1	NA
Not stated	1	-	NA	NA

1. U.S. out-of-wedlock birth percentages are based on final 2015 data, released by the National Vital Statistics Reports, National Center for Health Statistics, Vol. 66/No. 1, January 5, 2017.
 NA: not applicable / not available.

IDAHO RESIDENT LIVE BIRTHS
Risk Factors and Infections Present and/or Treated by Age of Mother
2016

AGE	Total Live Births	Risk Factors In This Pregnancy		Infections Present/Treated During This Pregnancy	
		Number	Percent	Number	Percent
Total	22,462	6,308	28.1%	5,042	23.6%
<15	7	2	28.6	1	14.3
15-19	1,169	154	13.2	283	25.1
15-17	279	26	9.3	59	21.7
18-19	890	128	14.4	224	26.2
20-24	5,578	1,071	19.2	1,254	23.5
25-29	7,168	1,966	27.4	1,554	22.8
30-34	5,690	1,934	34.0	1,287	23.9
35-39	2,327	928	39.9	554	25.4
40-44	489	233	47.8	103	22.2
45+	33	20	60.6	6	21.4
Not stated	1	-	-	-	-

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
2016

Risk Factors In This Pregnancy	Number	Infections Present and/or Treated	Number
Total Births	22,462	Total Births	22,462
Births with Risk Factor(s) reported	6,308	Births with Infection(s) of Mother reported	5,042
Diabetes:		Gonorrhea	305
Pregnancy (diagnosis prior to this pregnancy)	203	Syphilis	11
Gestational (diagnosis in this pregnancy)	1,116	HIV Infection	5
Hypertension:		Herpes Simplex Virus (HSV)	481
Pregnancy (chronic)	222	Chlamydia	309
Gestational (PIH, preeclampsia)	1,602	Listeria	1
Eclampsia	27	Group B Streptococcus	3,925
Previous preterm birth	759	Cytomegalovirus	3
Other previous poor pregnancy outcome*	263	Parvovirus	-
Pregnancy resulted from infertility treatment:		Toxoplasmosis	-
Fertility-enhancing drugs, Artificial insemination, or intrauterine insemination	168	Hepatitis B	28
Assisted reproductive technology (in vitro fertilization (IVF), gamete intrafallopian transfer (GIFT))	247	Hepatitis C	43
Mother had a previous cesarean delivery	2,974	Other infection not elsewhere specified	607
None of the above	16,131	None of the above	16,303
Risk factors in pregnancy not stated	23	Infections not stated	1,117

* 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
2016

AGE	Total Live Births	Maternal Morbidity (Complications)		Characteristics of Labor and Delivery	
		Number	Percent	Number	Percent
Total	22,462	393	1.8%	18,986	84.6%
<15	7	2	28.6	7	100.0
15-19	1,169	19	1.6	1,044	89.3
15-17	279	5	1.8	237	84.9
18-19	890	14	1.6	807	90.7
20-24	5,578	99	1.8	4,861	87.2
25-29	7,168	142	2.0	6,047	84.4
30-34	5,690	93	1.6	4,671	82.1
35-39	2,327	32	1.4	1,924	82.7
40-44	489	6	1.2	406	83.2
45+	33	-	-	26	78.8
Not stated	1	-	NA	-	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
2016

Maternal Morbidity (Complications)	Number	Characteristics of Labor and Delivery	Number
Total Births	22,462	Total Births	22,462
Births with Maternal Morbidity(ies) reported	393	Births with Characteristic(s) reported	18,986
Maternal transfusion	70	Induction of labor	6,650
Third or fourth degree perineal laceration	258	Augmentation of labor	5,186
Ruptured uterus	5	Non-vertex presentation	324
Unplanned hysterectomy	7	Steroids for fetal lung maturation received by mother prior to delivery	902
Admission to intensive care unit	27	Antibiotics received by mother during labor	6,348
Unplanned operating room procedure following delivery	80	Clinical chorioamnionitis diagnosed during labor or maternal temperature $\geq 38^{\circ}\text{C}$ (100.4°F)	362
None of the above	22,061	Moderate/heavy meconium staining of the amniotic fluid	1,397
Maternal morbidity not stated	8	Fetal intolerance to labor*	1,592
		Epidural or spinal anesthesia during labor	16,182
		None of the above	3,468
		Characteristic of labor and delivery not stated	8

* 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
2016**

Abnormal Conditions of Newborn	Number
Total Births	22,462
Births with Abnormal Condition(s) reported	3,211
Assisted ventilation required	
Immediately following delivery	1,339
For more than six hours	425
NICU admission	2,374
Newborn given surfactant replacement therapy	103
Antibiotics given for suspected neonatal sepsis	740
Seizure or serious neurologic dysfunction	17
Significant birth injury*	10
Failed newborn hearing test	368
None of the above	19,241
Abnormal conditions not stated	10

* 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
2016**

Congenital Anomalies	Number	Congenital Anomalies	Number
Total Births	22,462	Congenital malformations and deformations of the musculoskeletal system	
Births with Congenital Anomaly(ies) reported	129	Congenital diaphragmatic hernia	6
Congenital malformations of the nervous system		Limb reduction defect	7
Anencephaly	2	Gastroschisis	10
Meningomyelocele/Spina Bifida	6	Omphalocele	6
Congenital malformations of the circulatory system		Down syndrome	
Cyanotic congenital heart disease	35	Karyotype confirmed	9
Cleft lip and cleft palate		Karyotype pending	12
Cleft lip with or without cleft palate	17	Suspected other chromosomal disorder	
Cleft palate alone	6	Karyotype confirmed	3
Congenital malformations of genital organs		Karyotype pending	6
Hypospadias	14	None of the above	22,325
Male	14	Congenital anomalies not stated	8
Female	-		

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
2015 U.S. and 2016 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.*		68.0		NA		NA		32.0		NA		NA		
IDAHO	22,462	17,089	76.1	16,500	73.5	589	19.8	5,367	23.9	2,983	15.3	2,384	80.2	6
District 1	2,600	1,931	74.3	1,883	72.5	48	15.7	667	25.7	410	17.9	257	84.3	2
District 2	1,175	913	77.7	875	74.5	38	29.0	262	22.3	169	16.2	93	71.0	-
District 3	3,911	3,012	77.1	2,899	74.2	113	19.7	897	22.9	437	13.1	460	80.3	2
District 4	5,625	4,329	77.0	4,151	73.8	178	23.4	1,296	23.0	713	14.7	583	76.6	-
District 5	2,821	2,099	74.4	2,046	72.5	53	14.8	722	25.6	416	16.9	306	85.2	-
District 6	2,445	1,818	74.4	1,765	72.2	53	15.2	625	25.6	330	15.8	295	84.8	2
District 7	3,885	2,987	76.9	2,881	74.2	106	21.4	898	23.1	508	15.0	390	78.6	-
Ada	5,023	3,881	77.3	3,717	74.0	164	24.3	1,142	22.7	632	14.5	510	75.7	-
Adams	37	31	83.8	31	83.8	-	-	6	16.2	1	3.1	5	100.0	-
Bannock	1,200	903	75.3	885	73.8	18	11.3	296	24.7	155	14.9	141	88.7	1
Bear Lake	90	61	67.8	57	63.3	4	25.0	29	32.2	17	23.0	12	75.0	-
Benewah	103	72	70.6	71	69.6	1	7.1	30	29.4	17	19.3	13	92.9	1
Bingham	661	485	73.4	467	70.7	18	16.7	176	26.6	86	15.6	90	83.3	-
Blaine	202	147	72.8	146	72.3	1	3.4	55	27.2	27	15.6	28	96.6	-
Boise	49	40	81.6	38	77.6	2	33.3	9	18.4	5	11.6	4	66.7	-
Bonner	437	343	78.5	336	76.9	7	21.9	94	21.5	69	17.0	25	78.1	-
Bonneville	1,910	1,430	74.9	1,372	71.8	58	20.2	480	25.1	251	15.5	229	79.8	-
Boundary	156	121	77.6	119	76.3	2	13.3	35	22.4	22	15.6	13	86.7	-
Butte	30	21	70.0	20	66.7	1	20.0	9	30.0	5	20.0	4	80.0	-
Camas	8	7	87.5	7	87.5	-	-	1	12.5	1	12.5	-	-	-
Canyon	3,129	2,414	77.2	2,314	74.0	100	21.4	713	22.8	346	13.0	367	78.6	2
Caribou	89	68	76.4	66	74.2	2	18.2	21	23.6	12	15.4	9	81.8	-
Cassia	383	300	78.3	293	76.5	7	15.6	83	21.7	45	13.3	38	84.4	-
Clark	7	6	85.7	6	85.7	-	-	1	14.3	1	14.3	-	-	-
Clearwater	72	57	79.2	55	76.4	2	25.0	15	20.8	9	14.1	6	75.0	-
Custer	47	36	76.6	34	72.3	2	50.0	11	23.4	9	20.9	2	50.0	-
Elmore	457	333	72.9	323	70.7	10	14.5	124	27.1	65	16.8	59	85.5	-
Franklin	202	148	73.6	142	70.6	6	22.2	53	26.4	32	18.4	21	77.8	1
Fremont	176	143	81.3	139	79.0	4	26.7	33	18.8	22	13.7	11	73.3	-
Gem	207	167	80.7	163	78.7	4	18.2	40	19.3	22	11.9	18	81.8	-
Gooding	227	177	78.0	170	74.9	7	30.4	50	22.0	34	16.7	16	69.6	-
Idaho	143	108	75.5	102	71.3	6	46.2	35	24.5	28	21.5	7	53.8	-
Jefferson	448	342	76.3	328	73.2	14	19.4	106	23.7	48	12.8	58	80.6	-
Jerome	401	295	73.6	285	71.1	10	16.9	106	26.4	57	16.7	49	83.1	-
Kootenai	1,756	1,283	73.1	1,246	71.0	37	16.2	472	26.9	280	18.3	192	83.8	1
Latah	424	303	71.5	288	67.9	15	26.8	121	28.5	80	21.7	41	73.2	-
Lemhi	80	56	70.0	54	67.5	2	22.2	24	30.0	17	23.9	7	77.8	-
Lewis	39	28	71.8	26	66.7	2	22.2	11	28.2	4	13.3	7	77.8	-
Lincoln	56	35	62.5	35	62.5	-	-	21	37.5	11	23.9	10	100.0	-
Madison	1,073	869	81.0	847	78.9	22	25.0	204	19.0	138	14.0	66	75.0	-
Minidoka	304	244	80.3	238	78.3	6	15.0	60	19.7	26	9.8	34	85.0	-
Nez Perce	497	417	83.9	404	81.3	13	28.9	80	16.1	48	10.6	32	71.1	-
Oneida	50	39	78.0	36	72.0	3	42.9	11	22.0	7	16.3	4	57.1	-
Owyhee	136	102	75.0	99	72.8	3	13.6	34	25.0	15	13.2	19	86.4	-
Payette	289	212	73.4	208	72.0	4	9.5	77	26.6	39	15.8	38	90.5	-
Power	123	93	75.6	92	74.8	1	6.7	30	24.4	16	14.8	14	93.3	-
Shoshone	148	112	75.7	111	75.0	1	6.7	36	24.3	22	16.5	14	93.3	-
Teton	144	105	72.9	101	70.1	4	19.0	39	27.1	22	17.9	17	81.0	-
Twin Falls	1,240	894	72.1	872	70.3	22	14.4	346	27.9	215	19.8	131	85.6	-
Valley	96	75	78.1	73	76.0	2	16.7	21	21.9	11	13.1	10	83.3	-
Washington	113	86	76.1	84	74.3	2	13.3	27	23.9	14	14.3	13	86.7	-

* U.S. total vaginal and total cesarean rates are based on final 2015 data, released by the National Vital Statistics Reports, National Center for Health Statistics Vol. 66/No. 1, January 5, 2017.

U.S. 2015 total vaginal and total cesarean rates are based on all reporting areas.

U.S. 2015 VBAC and other rates are not available for the states with revised certificates.

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
2016

BIRTHWEIGHT*	TOTAL LIVE BIRTHS	METHOD OF DELIVERY												Not Stated
		Vaginal Births						Cesarean Births						
		Total Vaginal		Vaginal ¹		VBAC ²		Total Cesarean		Primary		Repeat		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
TOTAL	22,462	17,089	76.1	16,500	73.5	589	19.8	5,367	23.9	2,983	15.3	2,384	80.2	6
Total low birthweight	1,559	853	54.7	828	53.1	25	13.1	706	45.3	540	39.5	166	86.9	-
Very low birthweight	242	81	33.5	73	30.2	8	25.0	161	66.5	137	65.2	24	75.0	-
Moderately low birthweight	1,317	772	58.6	755	57.3	17	10.7	545	41.4	403	34.8	142	89.3	-
Normal birthweight	19,022	14,880	78.2	14,389	75.7	491	19.7	4,140	21.8	2,144	13.0	1,996	80.3	2
Heavy birthweight	1,873	1,352	72.2	1,280	68.3	72	24.5	521	27.8	299	18.9	222	75.5	-
Not Stated	8	4	NA	3	NA	1	NA	-	NA	-	NA	-	NA	4

* 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
2016

GESTATIONAL AGE ³	TOTAL LIVE BIRTHS	METHOD OF DELIVERY												Not Stated
		Vaginal Births						Cesarean Births						
		Total Vaginal		Vaginal ¹		VBAC ²		Total Cesarean		Primary		Repeat		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
TOTAL	22,462	17,089	76.1	16,500	73.5	589	19.8	5,367	23.9	2,983	15.3	2,384	80.2	6
Preterm: Total < 37 weeks	1,991	1,076	54.0	1,033	51.9	43	13.2	915	46.0	633	38.0	282	86.8	-
Under 32 weeks	293	115	39.2	105	35.8	10	20.4	178	60.8	139	57.0	39	79.6	-
32-33 weeks	201	72	35.8	68	33.8	4	12.9	129	64.2	102	60.0	27	87.1	-
34-36 weeks	1,497	889	59.4	860	57.4	29	11.8	608	40.6	392	31.3	216	88.2	-
Term - Total 37-41 weeks	20,380	15,939	78.2	15,396	75.6	543	20.5	4,439	21.8	2,339	13.2	2,100	79.5	2
37-38 weeks	5,496	4,142	75.4	3,997	72.7	145	18.6	1,354	24.6	720	15.3	634	81.4	-
39-41 weeks	14,884	11,797	79.3	11,399	76.6	398	21.4	3,085	20.7	1,619	12.4	1,466	78.6	2
Postterm: 42 weeks+	52	39	75.0	36	69.2	3	60.0	13	25.0	11	23.4	2	40.0	-
Not Stated	39	35	NA	35	NA	-	NA	-	NA	-	NA	-	NA	4

- 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 2016

METHOD OF PAYMENT	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	
TOTAL	22,462	17,089	76.1	16,500	73.5	589	19.8	5,367	23.9	2,983	15.3	2,384	80.2	6
Self-Pay	1,167	990	84.8	950	81.4	40	29.6	177	15.2	82	7.9	95	70.4	-
Private Insurance	12,080	9,158	75.8	8,842	73.2	316	20.4	2,921	24.2	1,689	16.0	1,232	79.6	1
Medicaid ²	8,303	6,251	75.3	6,047	72.8	204	17.4	2,052	24.7	1,084	15.2	968	82.6	-
Other Government ³	696	516	74.2	498	71.7	18	20.5	179	25.8	109	18.0	70	79.5	1
Not Applicable, Other or None	172	149	86.6	141	82.0	8	36.4	23	13.4	9	6.0	14	63.6	-
Not Stated	44	25	NA	22	NA	3	NA	15	NA	10	NA	5	NA	4

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 2016

AGE GROUP	TOTAL LIVE BIRTHS	METHOD OF DELIVERY												Not Stated
		Vaginal Births						Cesarean Births						
		Total Vaginal		Vaginal ¹		VBAC ²		Total Cesarean		Primary		Repeat		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
TOTAL	22,462	17,089	76.1	16,500	73.5	589	19.8	5,367	23.9	2,983	15.3	2,384	80.2	6
<15	7	7	100.0	7	100.0	-	-	-	-	-	-	-	-	-
15-19	1,169	966	82.6	964	82.5	2	6.9	203	17.4	176	15.4	27	93.1	-
15-17	279	235	84.2	235	84.2	-	-	44	15.8	43	15.5	1	100.0	-
18-19	890	731	82.1	729	81.9	2	7.1	159	17.9	133	15.4	26	92.9	-
20-24	5,578	4,475	80.2	4,405	79.0	70	17.2	1,102	19.8	765	14.8	337	82.8	1
25-29	7,168	5,508	76.9	5,313	74.1	195	19.9	1,659	23.1	873	14.1	786	80.1	1
30-34	5,690	4,168	73.3	3,961	69.6	207	21.1	1,521	26.7	748	15.9	773	78.9	1
35-39	2,327	1,635	70.3	1,542	66.3	93	20.4	691	29.7	328	17.5	363	79.6	1
40-44	489	314	64.3	292	59.8	22	19.5	174	35.7	83	22.1	91	80.5	1
45+	33	16	48.5	16	48.5	-	-	17	51.5	10	38.5	7	100.0	-
Not Stated	1	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	1

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
2016

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	22,462	1,167	5.2%	12,080	53.9%	8,303	37.0%	696	3.1%	172	0.8%	44
Physician (M.D., D.O.)	19,576	724	3.7	10,721	54.9	7,363	37.7	645	3.3	88	0.5	35
Certified Nurse Midwife	2,206	114	5.2	1,243	56.4	795	36.1	46	2.1	7	0.3	1
Nurse	-	-	-	-	-	-	-	-	-	-	-	-
Licensed Midwife	473	288	61.0	67	14.2	105	22.2	3	0.6	9	1.9	1
Lay Midwife	102	26	25.7	13	12.9	13	12.9	-	-	49	48.5	1
Other	104	15	15.2	36	36.4	27	27.3	2	2.0	19	19.2	5
Not Stated	1	-	NA	-	NA	-	NA	-	NA	-	NA	1

IDAHO RESIDENT LIVE BIRTHS
Number and Percentage of Births by Main Payment Source for Delivery¹
By Age of Mother
2016

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	22,462	1,167	5.2%	12,080	53.9%	8,303	37.0%	696	3.1%	172	0.8%	44
<15	7	-	-	-	-	7	100.0	-	-	-	-	-
15-19	1,169	46	3.9	216	18.5	876	74.9	25	2.1	6	0.5	-
15-17	279	8	2.9	45	16.1	221	79.2	4	1.4	1	0.4	-
18-19	890	38	4.3	171	19.2	655	73.6	21	2.4	5	0.6	-
20-24	5,578	223	4.0	2,251	40.4	2,883	51.8	177	3.2	36	0.6	8
25-29	7,168	358	5.0	4,046	56.5	2,461	34.4	240	3.4	55	0.8	8
30-34	5,690	327	5.8	3,718	65.5	1,412	24.9	182	3.2	41	0.7	10
35-39	2,327	173	7.5	1,524	65.7	535	23.1	61	2.6	26	1.1	8
40-44	489	38	7.9	304	63.3	121	25.2	9	1.9	8	1.7	9
45+	33	2	6.1	21	63.6	8	24.2	2	6.1	-	-	-
Not Stated	1	-	NA	-	NA	-	NA	-	NA	-	NA	1

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
2016

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	22,462	1,167	5.2%	12,080	53.9%	8,303	37.0%	696	3.1%	172	0.8%	44
District 1	2,600	187	7.2	1,348	52.2	968	37.5	67	2.6	10	0.4	20
District 2	1,175	74	6.3	664	56.7	399	34.0	27	2.3	8	0.7	3
District 3	3,911	282	7.2	1,632	41.8	1,851	47.4	77	2.0	65	1.7	4
District 4	5,625	151	2.7	3,367	59.9	1,687	30.0	371	6.6	45	0.8	4
District 5	2,821	209	7.4	1,301	46.2	1,239	44.0	36	1.3	28	1.0	8
District 6	2,445	110	4.5	1,434	58.7	792	32.4	92	3.8	13	0.5	4
District 7	3,885	154	4.0	2,334	60.1	1,367	35.2	26	0.7	3	0.1	1
Ada	5,023	135	2.7	3,205	63.8	1,477	29.4	174	3.5	29	0.6	3
Adams	37	4	10.8	14	37.8	19	51.4	-	-	-	-	-
Bannock	1,200	33	2.8	696	58.1	423	35.3	41	3.4	4	0.3	3
Bear Lake	90	4	4.4	63	70.0	19	21.1	3	3.3	1	1.1	-
Benewah	103	11	10.8	51	50.0	33	32.4	7	6.9	-	-	1
Bingham	661	35	5.3	365	55.2	237	35.9	20	3.0	4	0.6	-
Blaine	202	13	6.6	115	58.1	58	29.3	4	2.0	8	4.0	4
Boise	49	1	2.0	19	38.8	27	55.1	1	2.0	1	2.0	-
Bonner	437	44	10.1	207	47.4	174	39.8	9	2.1	3	0.7	-
Bonneville	1,910	78	4.1	1,058	55.4	761	39.9	12	0.6	-	-	1
Boundary	156	22	14.1	60	38.5	65	41.7	5	3.2	4	2.6	-
Butte	30	2	6.7	18	60.0	10	33.3	-	-	-	-	-
Camas	8	1.0%	12.5	3	37.5	4	50.0	-	-	-	-	-
Canyon	3,129	230	7.4	1,314	42.0	1,471	47.1	64	2.0	46	1.5	4
Caribou	89	4	4.5	64	71.9	19	21.3	1	1.1	1	1.1	-
Cassia	383	45	11.7	185	48.3	151	39.4	1	0.3	1	0.3	-
Clark	7	1	14.3	2	28.6	4	57.1	-	-	-	-	-
Clearwater	72	-	-	33	45.8	38	52.8	-	-	1	1.4	-
Custer	47	1	2.1	25	53.2	19	40.4	2	4.3	-	-	-
Elmore	457	11	2.4	91	20.0	144	31.6	195	42.8	15	3.3	1
Franklin	202	12	6.0	135	67.2	29	14.4	22	10.9	3	1.5	1
Fremont	176	8	4.5	99	56.3	68	38.6	1	0.6	-	-	-
Gem	207	9	4.3	84	40.6	109	52.7	5	2.4	-	-	-
Gooding	227	19	8.4	82	36.3	123	54.4	1	0.4	1	0.4	1
Idaho	143	18	12.6	75	52.4	40	28.0	5	3.5	5	3.5	-
Jefferson	448	20	4.5	291	65.0	131	29.2	3	0.7	3	0.7	-
Jerome	401	34	8.5	150	37.4	208	51.9	4	1.0	5	1.2	-
Kootenai	1,756	106	6.1	971	55.9	613	35.3	44	2.5	3	0.2	19
Latah	424	47	11.2	264	62.7	98	23.3	11	2.6	1	0.2	3
Lemhi	80	5	6.3	45	56.3	26	32.5	4	5.0	-	-	-
Lewis	39	1	2.6	14	35.9	23	59.0	1	2.6	-	-	-
Lincoln	56	5	9.1	19	34.5	28	50.9	1	1.8	2	3.6	1
Madison	1,073	29	2.7	718	66.9	323	30.1	3	0.3	-	-	-
Minidoka	304	36	11.9	157	51.8	108	35.6	1	0.3	1	0.3	1
Nez Perce	497	8	1.6	278	55.9	200	40.2	10	2.0	1	0.2	-
Oneida	50	3	6.0	31	62.0	11	22.0	5	10.0	-	-	-
Owyhee	136	9	6.6	51	37.5	67	49.3	2	1.5	7	5.1	-
Payette	289	24	8.3	127	43.9	121	41.9	5	1.7	12	4.2	-
Power	123	17	13.8	62	50.4	44	35.8	-	-	-	-	-
Shoshone	148	4	2.7	59	39.9	83	56.1	2	1.4	-	-	-
Teton	144	12	8.3	96	66.7	35	24.3	1	0.7	-	-	-
Twin Falls	1,240	56	4.5	590	47.6	559	45.1	24	1.9	10	0.8	1
Valley	96	4	4.2	52	54.2	39	40.6	1	1.0	-	-	-
Washington	113	6	5.3	42	37.2	64	56.6	1	0.9	-	-	-

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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
2016

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	2,687	12.0%	1,955	8.7%	1,891	8.5%	1,555	7.0%	1,454	6.5%
District 1	457	17.7	328	12.7	314	12.1	277	10.7	253	9.8
District 2	198	16.9	158	13.5	155	13.2	130	11.1	119	10.2
District 3	547	14.1	396	10.2	379	9.7	317	8.2	302	7.8
District 4	576	10.3	400	7.2	389	7.0	308	5.5	289	5.2
District 5	283	10.1	208	7.4	206	7.3	169	6.0	153	5.4
District 6	324	13.4	247	10.2	239	9.9	192	7.9	183	7.6
District 7	302	7.8	218	5.6	209	5.4	162	4.2	155	4.0
Ada	455	9.1	315	6.3	304	6.1	234	4.7	224	4.5
Adams	9	24.3	8	21.6	8	21.6	6	16.2	5	13.5
Bannock	183	15.4	139	11.7	135	11.3	115	9.6	109	9.1
Bear Lake	11	12.4	10	11.2	9	10.1	8	9.0	8	9.0
Benewah	27	26.7	20	19.8	20	19.8	19	18.8	17	16.8
Bingham	85	13.0	60	9.2	58	8.9	45	6.9	43	6.6
Blaine	12	6.2	10	5.1	10	5.1	7	3.6	6	3.1
Boise	12	25.0	11	22.9	11	22.9	8	16.7	8	16.7
Bonner	66	15.1	57	13.1	56	12.8	45	10.3	46	10.6
Bonneville	195	10.2	140	7.3	134	7.0	102	5.3	97	5.1
Boundary	21	13.5	15	9.6	15	9.6	13	8.3	12	7.7
Butte	4	13.3	3	10.0	3	10.0	2	6.7	2	6.7
Camas	2	25.0	2	25.0	2	25.0	1	12.5	1	12.5
Canyon	413	13.3	298	9.6	283	9.1	237	7.6	221	7.1
Caribou	7	8.0	7	8.0	6	6.8	3	3.4	4	4.5
Cassia	12	3.1	9	2.4	9	2.4	5	1.3	5	1.3
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	23	31.9	19	26.4	19	26.4	17	23.6	16	22.2
Custer	9	19.1	6	12.8	6	12.8	6	12.8	5	10.6
Elmore	91	20.1	61	13.5	61	13.5	56	12.4	48	10.6
Franklin	12	6.0	8	4.0	8	4.0	6	3.0	5	2.5
Fremont	23	13.1	17	9.7	14	8.0	13	7.4	14	8.0
Gem	35	17.0	24	11.7	23	11.2	20	9.7	21	10.2
Gooding	37	16.4	28	12.4	28	12.4	22	9.7	21	9.3
Idaho	17	12.0	11	7.7	11	7.7	11	7.7	10	7.0
Jefferson	36	8.0	27	6.0	27	6.0	21	4.7	22	4.9
Jerome	35	8.7	28	7.0	27	6.7	23	5.7	22	5.5
Kootenai	291	16.7	193	11.1	183	10.5	163	9.3	144	8.2
Latah	47	11.1	33	7.8	32	7.6	27	6.4	26	6.2
Lemhi	18	22.5	15	18.8	15	18.8	12	15.0	11	13.8
Lewis	13	33.3	10	25.6	10	25.6	6	15.4	5	12.8
Lincoln	5	8.9	5	8.9	5	8.9	5	8.9	3	5.4
Madison	11	1.0	6	0.6	6	0.6	5	0.5	5	0.5
Minidoka	18	5.9	13	4.3	13	4.3	12	3.9	9	3.0
Nez Perce	98	19.7	85	17.1	83	16.7	69	13.9	62	12.5
Oneida	7	14.3	7	14.3	7	14.3	6	12.2	6	12.2
Owyhee	17	12.5	11	8.1	10	7.4	8	5.9	8	5.9
Payette	47	16.3	38	13.1	38	13.1	32	11.1	32	11.1
Power	15	12.4	13	10.7	13	10.7	7	5.8	6	5.0
Shoshone	52	35.4	43	29.3	40	27.2	37	25.2	34	23.1
Teton	10	7.0	7	4.9	7	4.9	3	2.1	1	0.7
Twin Falls	162	13.1	113	9.1	112	9.0	94	7.6	86	6.9
Valley	18	18.8	13	13.5	13	13.5	10	10.4	9	9.4
Washington	26	23.2	17	15.5	17	15.5	14	12.7	15	13.6

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
2016

AGE GROUP	TOTAL LIVE BIRTHS	CIGARETTE SMOKING DURING PREGNANCY				
		Yes		No		Not Stated
		Number	Percent	Number	Percent	
TOTAL	22,462	1,955	8.7%	20,397	91.3%	110
<15	7	1	14.3	6	85.7	-
15-19	1,169	161	13.8	1,002	86.2	6
15-17	279	24	8.7	253	91.3	2
18-19	890	137	15.5	749	84.5	4
20-24	5,578	723	13.0	4,828	87.0	27
25-29	7,168	597	8.4	6,543	91.6	28
30-34	5,690	319	5.6	5,341	94.4	30
35-39	2,327	130	5.6	2,183	94.4	14
40-44	489	22	4.5	463	95.5	4
45+	33	2	6.1	31	93.9	-
Not Stated	1	-	NA	-	NA	1

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
2016

RACE AND ETHNICITY	TOTAL LIVE BIRTHS	CIGARETTE SMOKING DURING PREGNANCY				
		Yes		No		Not Stated
		Number	Percent	Number	Percent	
TOTAL	22,462	1,955	8.7%	20,397	91.3%	110
Race						
White	20,046	1,824	9.1	18,142	90.9	80
Black	296	20	6.9	271	93.1	5
American Indian or Alaska Native	390	69	18.0	315	82.0	6
Asian or Pacific Islander	479	18	3.8	458	96.2	3
Other Race	1,140	23	2.0	1,114	98.0	3
Race not stated	111	1	NA	97	NA	13
Ethnicity ²						
Non-Hispanic	18,767	1,814	9.7	16,875	90.3	78
Hispanic	3,613	139	3.9	3,459	96.1	15
Ethnicity not stated	82	2	NA	63	NA	17

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)
2016

RESIDENCE	TOTAL LIVE BIRTHS	BODY MASS INDEX ²								
		Underweight		Normal Weight		Overweight		Obese		Not Stated
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	
IDAHO	22,462	707	3.2%	10,525	47.3%	5,536	24.9%	5,492	24.7%	202
District 1	2,600	91	3.5	1,311	50.7	616	23.8	567	21.9	15
District 2	1,175	36	3.1	558	47.5	299	25.5	281	23.9	1
District 3	3,911	104	2.7	1,561	40.5	1,025	26.6	1,161	30.1	60
District 4	5,625	185	3.3	2,892	52.0	1,315	23.6	1,171	21.0	62
District 5	2,821	86	3.1	1,200	42.7	766	27.3	756	26.9	13
District 6	2,445	58	2.4	1,025	42.7	596	24.9	719	30.0	47
District 7	3,885	147	3.8	1,978	51.0	919	23.7	837	21.6	4
Ada	5,023	163	3.3	2,610	52.6	1,168	23.5	1,023	20.6	59
Adams	37	-	-	9	24.3	13	35.1	15	40.5	-
Bannock	1,200	26	2.2	492	41.8	297	25.2	362	30.8	23
Bear Lake	90	2	2.4	52	61.2	14	16.5	17	20.0	5
Benewah	103	6	5.8	43	41.7	25	24.3	29	28.2	-
Bingham	661	14	2.1	282	43.2	153	23.4	204	31.2	8
Blaine	202	5	2.6	108	55.4	54	27.7	28	14.4	7
Boise	49	1	2.0	28	57.1	14	28.6	6	12.2	-
Bonner	437	22	5.0	233	53.4	100	22.9	81	18.6	1
Bonneville	1,910	51	2.7	894	46.8	477	25.0	487	25.5	1
Boundary	156	3	1.9	77	49.4	37	23.7	39	25.0	-
Butte	30	-	-	13	43.3	7	23.3	10	33.3	-
Camas	8	1	12.5	5	62.5	1	12.5	1	12.5	-
Canyon	3,129	79	2.6	1,244	40.4	823	26.7	932	30.3	51
Caribou	89	5	5.7	43	48.9	23	26.1	17	19.3	1
Cassia	383	6	1.6	154	40.5	119	31.3	101	26.6	3
Clark	7	1	14.3	3	42.9	2	28.6	1	14.3	-
Clearwater	72	1	1.4	41	56.9	15	20.8	15	20.8	-
Custer	47	1	2.1	24	51.1	13	27.7	9	19.1	-
Elmore	457	16	3.5	205	45.2	110	24.2	123	27.1	3
Franklin	202	9	4.6	82	41.8	49	25.0	56	28.6	6
Fremont	176	7	4.0	86	49.1	37	21.1	45	25.7	1
Gem	207	7	3.4	103	50.5	43	21.1	51	25.0	3
Gooding	227	6	2.6	93	41.0	65	28.6	63	27.8	-
Idaho	143	4	2.8	80	55.9	33	23.1	26	18.2	-
Jefferson	448	23	5.1	238	53.1	98	21.9	89	19.9	-
Jerome	401	11	2.8	147	36.9	110	27.6	130	32.7	3
Kootenai	1,756	55	3.2	889	51.0	427	24.5	371	21.3	14
Latah	424	16	3.8	203	48.0	118	27.9	86	20.3	1
Lemhi	80	3	3.8	46	57.5	20	25.0	11	13.8	-
Lewis	39	1	2.6	20	51.3	9	23.1	9	23.1	-
Lincoln	56	-	-	28	50.0	14	25.0	14	25.0	-
Madison	1,073	56	5.2	607	56.6	236	22.0	174	16.2	-
Minidoka	304	10	3.3	122	40.1	80	26.3	92	30.3	-
Nez Perce	497	14	2.8	214	43.1	124	24.9	145	29.2	-
Oneida	50	1	2.0	21	42.9	12	24.5	15	30.6	1
Owyhee	136	1	0.8	42	32.3	42	32.3	45	34.6	6
Payette	289	9	3.1	117	40.5	81	28.0	82	28.4	-
Power	123	1	0.8	40	33.3	41	34.2	38	31.7	3
Shoshone	148	5	3.4	69	46.6	27	18.2	47	31.8	-
Teton	144	5	3.5	80	56.3	36	25.4	21	14.8	2
Twin Falls	1,240	47	3.8	543	43.8	323	26.0	327	26.4	-
Valley	96	5	5.2	49	51.0	23	24.0	19	19.8	-
Washington	113	8	7.1	46	40.7	23	20.4	36	31.9	-

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
2016

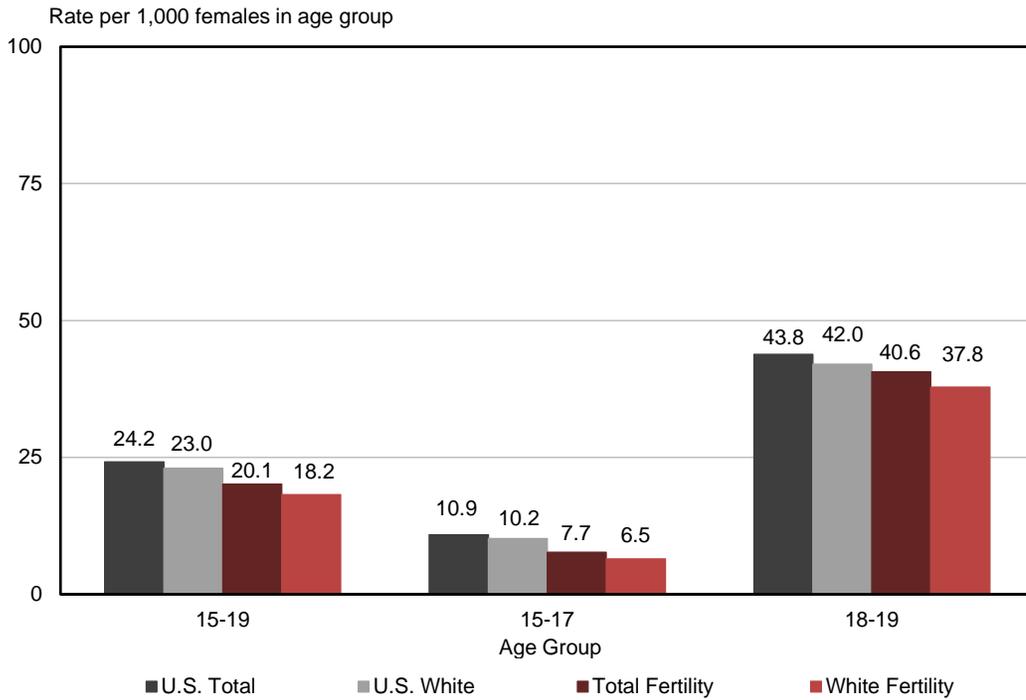
AGE GROUP	TOTAL LIVE BIRTHS	BODY MASS INDEX ²								
		Underweight		Normal Weight		Overweight		Obese		Not Stated
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	
TOTAL	22,462	707	3.2%	10,525	47.3%	5,536	24.9%	5,492	24.7%	202
<15	7	-	-	5	71.4	-	-	2	28.6	-
15-19	1,169	84	7.2	632	54.4	267	23.0	178	15.3	8
15-17	279	27	9.7	163	58.6	59	21.2	29	10.4	1
18-19	890	57	6.5	469	53.1	208	23.6	149	16.9	7
20-24	5,578	259	4.7	2,729	49.4	1,304	23.6	1,234	22.3	52
25-29	7,168	227	3.2	3,345	47.0	1,775	25.0	1,767	24.8	54
30-34	5,690	103	1.8	2,598	46.1	1,467	26.0	1,468	26.0	54
35-39	2,327	29	1.3	984	42.7	598	25.9	695	30.1	21
40-44	489	5	1.0	214	44.9	120	25.2	138	28.9	12
45+	33	-	-	18	54.5	5	15.2	10	30.3	-
Not Stated	1	-	NA	-	NA	-	NA	-	NA	1

IDAHO RESIDENT LIVE BIRTHS
Number and Percentage of Births by Pre-Pregnancy Body Mass Index¹ (BMI)
by Race and Ethnicity of Mother
2016

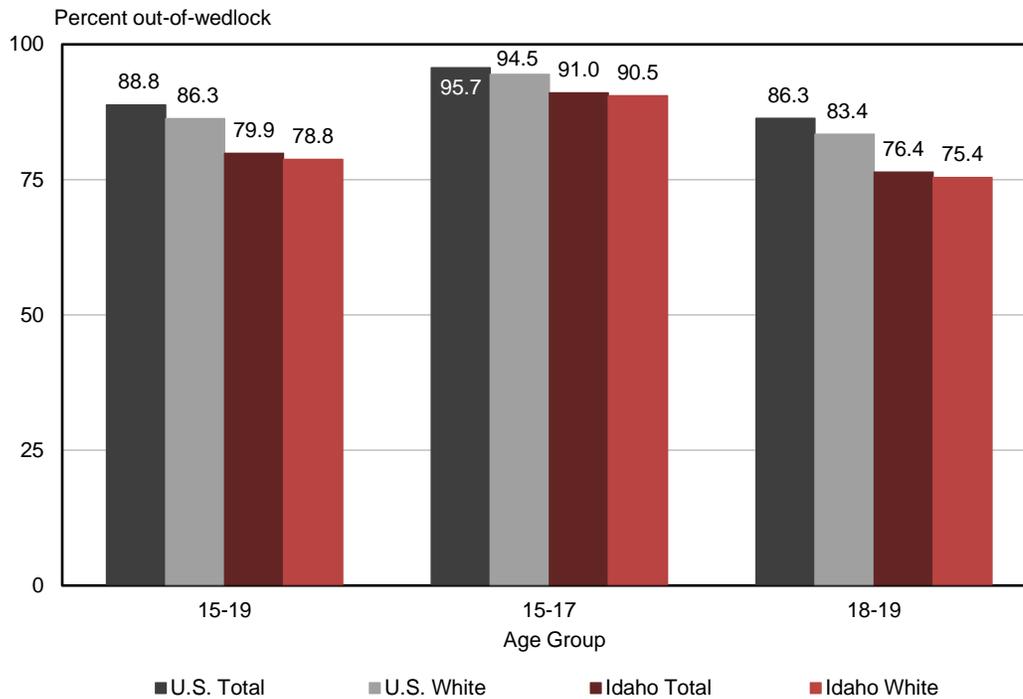
RACE AND ETHNICITY ³	TOTAL LIVE BIRTHS	BODY MASS INDEX ²								
		Underweight		Normal Weight		Overweight		Obese		Not Stated
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	
TOTAL	22,462	707	3.2%	10,525	47.3%	5,536	24.9%	5,492	24.7%	202
Race										
White	20,046	632	3.2	9,528	47.9	4,887	24.6	4,856	24.4	143
Black	296	5	1.8	128	44.9	86	30.2	66	23.2	11
American Indian or Alaska Native	390	4	1.1	123	32.5	96	25.4	155	41.0	12
Asian or Pacific Islander	479	25	5.3	265	56.0	120	25.4	63	13.3	6
Other Race	1,140	35	3.1	444	39.6	316	28.2	327	29.1	18
Race not stated	111	6	NA	37	NA	31	NA	25	NA	12
Ethnicity ⁴										
Non-Hispanic	18,767	614	3.3	9,146	49.1	4,491	24.1	4,390	23.6	126
Hispanic	3,613	90	2.5	1,342	37.8	1,028	28.9	1,091	30.7	62
Ethnicity not stated	82	3	NA	37	NA	17	NA	11	NA	14

1. Body Mass Index formula: $[\text{weight (lb.)} / \text{[height (in)]}^2] \times 703$. 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 20 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 2015 U.S.* and 2016 Idaho (Total and White)



TEEN OUT-OF-WEDLOCK BIRTH PERCENTS BY AGE 2015 U.S.* and 2016 Idaho (Total and White)



* U.S. out-of-wedlock percentages are based on 2015 final data, released by the National Vital Statistics Reports, National Center for Health Statistics, Vol. 66/No. 1, January 5, 2017.

U.S. AND IDAHO RESIDENT TEEN LIVE BIRTHS 2016 Idaho and 2015 U.S.

	Fertility Rate ²	Percent Out-of-Wedlock	Percent Low Birth Weight ³
IDAHO TOTAL			
<15 ⁴	0.1	100.0%	14.3%
15-19	20.1	79.9	9.8
15-17	7.7	91.0	11.8
18-19	40.6	76.4	9.2
IDAHO WHITE			
<15 ⁴	0.1	100.0%	-
15-19	18.2	78.8	9.9
15-17	6.5	90.5	13.1
18-19	37.8	75.4	8.9
U.S. TOTAL¹			
<15 ⁴	0.3	99.6%	12.6%
15-19	24.2	88.8	9.5
15-17	10.9	95.7	9.8
18-19	43.8	86.3	9.4
U.S. WHITE¹			
<15 ⁴	0.2	99.3%	10.3%
15-19	23.0	86.3	8.2%
15-17	10.2	94.5	8.6%
18-19	42.0	83.4	8.1%

1. U.S. fertility rates (total and white), unmarried (total and white), and low birth weight (total): "Births: Final Data for 2015," [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 66. No. 1. January 5, 2017. U.S. low birth weight (white): United States Department of Health and Human Services (US DHHS), Centers for Disease Control and Prevention (CDC), National Center for Health Statistics (NCHS), Division of Vital Statistics, Natality public-use data 2007-2015, on CDC WONDER Online Database, September 2017.
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.

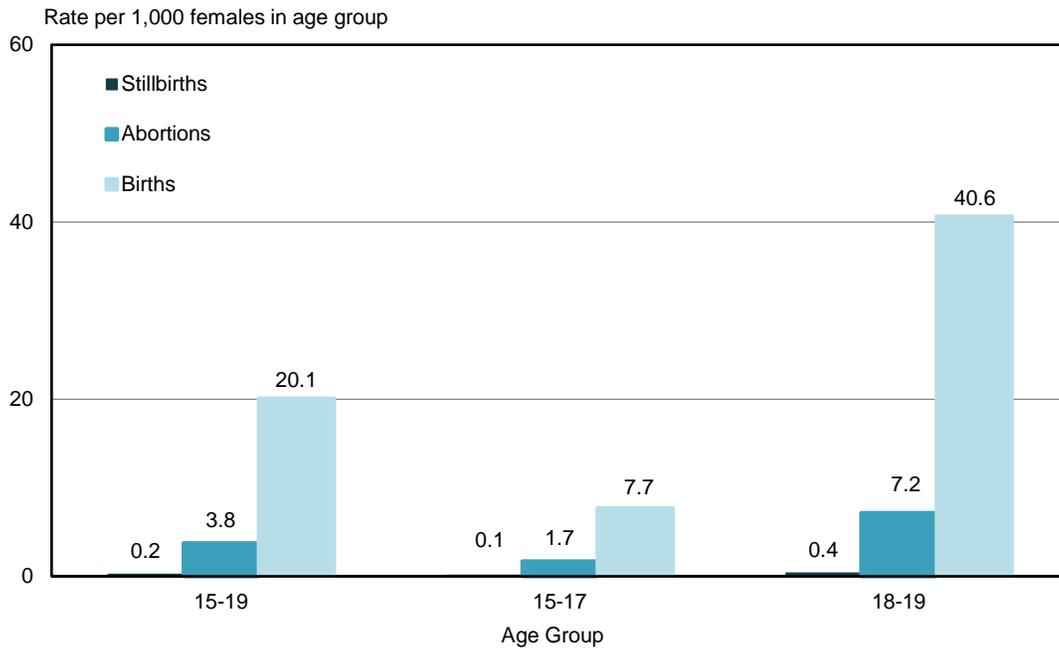
IDAHO RESIDENT TEEN PREGNANCIES AND ABORTIONS 2016

	PREGNANCIES ¹		INDUCED ABORTIONS		
	Number	Rate ²	Number	Rate ³	Ratio ⁴
TOTAL					
<15 ⁵	11	0.2	4	0.1	571.4
15-19	1,401	24.1	219	3.8	187.3
15-17	346	9.5	62	1.7	222.2
18-19	1,055	48.2	157	7.2	176.4
WHITE					
<15 ⁵	10	0.2	4	0.1	666.7
15-19	1,195	21.9	191	3.5	192.2
15-17	279	8.2	55	1.6	248.9
18-19	916	44.8	136	6.7	175.9

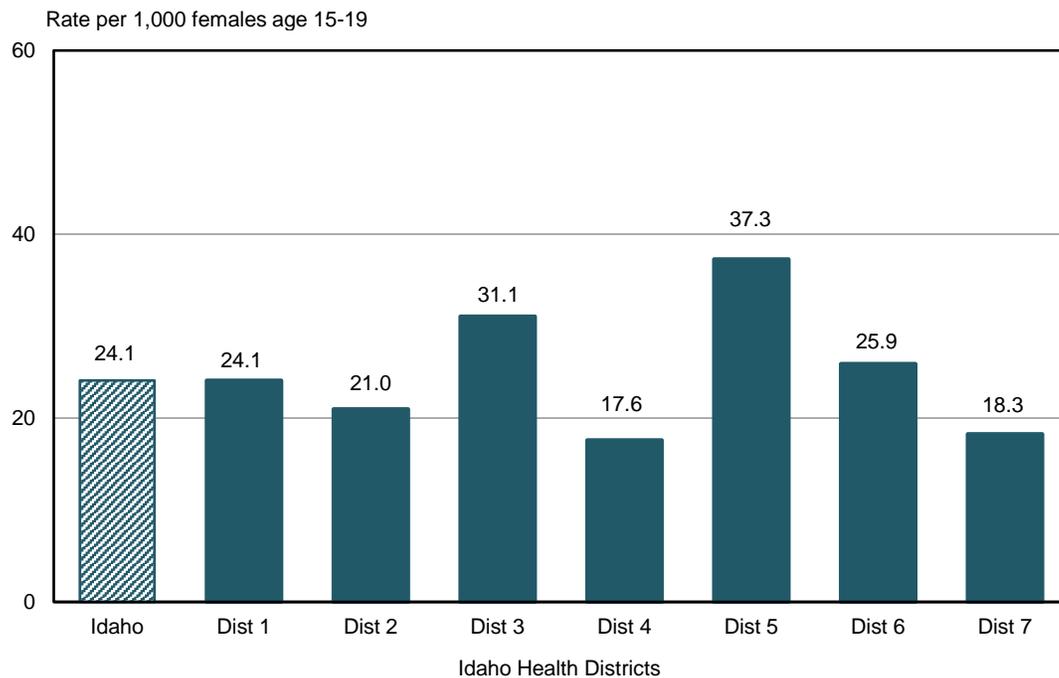
1. Pregnancies include live births, induced abortions, and reportable stillbirths (only those fetal deaths with a gestational period of 20+ weeks or which weight 350+ grams are required to be reported under Idaho law).
2. Number of pregnancies per 1,000 females in corresponding age group.
3. Induced 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 2016



TEEN PREGNANCY RATES Idaho and Districts, 15-19 Year-Olds 2016



IDAHO RESIDENT TEEN PREGNANCY
Total Pregnancies and Rates by Age of Mother
2016

RESIDENCE	AGE GROUP							
	<15		15-19		15-17		18-19	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
IDAHO	11	0.2	1,401	24.1	346	9.5	1,055	48.2
District 1	2	0.3	166	24.1	40	8.7	126	55.5
District 2	1	0.4	79	21.0	16	9.1	63	31.2
District 3	3	0.3	312	31.1	91	13.9	221	63.1
District 4	1	0.1	277	17.6	62	6.1	215	38.1
District 5	2	0.3	243	37.3	69	15.9	174	80.0
District 6	1	0.1	158	25.9	36	9.2	122	55.3
District 7	1	0.1	166	18.3	32	6.4	134	32.7
Ada	1	0.1	239	16.4	53	5.7	186	35.5
Adams	-	-	1	12.0	-	-	1	33.3
Bannock	1	0.3	82	27.8	15	8.5	67	56.5
Bear Lake	-	-	5	22.6	-	-	5	64.9
Benewah	-	-	10	41.7	1	5.7	9	138.5
Bingham	-	-	51	30.2	17	15.0	34	61.4
Blaine	-	-	10	14.9	2	4.4	8	36.5
Boise	-	-	6	28.6	2	14.0	4	59.7
Bonner	-	-	32	26.8	9	11.3	23	57.8
Bonneville	1	0.2	101	25.8	22	8.2	79	64.0
Boundary	-	-	9	22.4	-	-	9	72.6
Butte	-	-	1	13.9	-	-	1	45.5
Camas	-	-	-	-	-	-	-	-
Canyon	3	0.3	259	32.5	81	15.7	178	63.4
Caribou	-	-	3	13.7	-	-	3	44.1
Cassia	1	1.0	39	42.8	12	19.8	27	87.9
Clark	-	-	1	27.0	-	-	1	111.1
Clearwater	1	5.4	6	33.5	1	8.1	5	90.9
Custer	-	-	4	44.0	1	18.2	3	83.3
Elmore	-	-	28	37.1	7	14.3	21	79.5
Franklin	-	-	8	14.3	1	2.6	7	40.0
Fremont	-	-	9	20.5	2	7.1	7	44.9
Gem	-	-	18	34.2	3	8.5	15	86.7
Gooding	-	-	18	33.8	4	10.9	14	83.8
Idaho	-	-	15	35.8	5	18.0	10	70.9
Jefferson	-	-	19	17.1	1	1.3	18	52.8
Jerome	-	-	43	54.7	13	24.5	30	117.6
Kootenai	1	0.2	107	22.6	29	9.2	78	49.6
Latah	-	-	21	11.3	1	1.8	20	15.4
Lemhi	-	-	3	15.5	1	7.3	2	35.1
Lewis	-	-	4	38.5	-	-	4	121.2
Lincoln	-	-	4	17.9	2	12.4	2	32.3
Madison	-	-	24	8.0	2	2.5	22	10.1
Minidoka	-	-	33	48.2	10	21.7	23	102.7
Nez Perce	-	-	33	27.4	9	12.5	24	49.4
Oneida	-	-	-	-	-	-	-	-
Owyhee	-	-	8	19.7	4	14.9	4	29.2
Payette	-	-	16	21.6	1	2.0	15	64.4
Power	-	-	8	33.1	3	18.9	5	60.2
Shoshone	1	3.0	8	25.2	1	4.8	7	64.2
Teton	-	-	5	16.1	3	13.5	2	22.7
Twin Falls	1	0.3	96	35.8	26	14.9	70	75.2
Valley	-	-	4	19.5	-	-	4	53.3
Washington	-	-	10	30.2	2	9.6	8	65.0

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
2016

RESIDENCE	AGE GROUP							
	<15		15-19		15-17		18-19	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
IDAHO	7	0.1	1,169	20.1	279	7.7	890	40.6
District 1	-	-	134	19.4	32	6.9	102	45.0
District 2	1	0.4	67	17.8	11	6.3	56	27.8
District 3	2	0.2	268	26.7	77	11.8	191	54.5
District 4	-	-	198	12.6	42	4.2	156	27.6
District 5	2	0.3	214	32.8	58	13.4	156	71.8
District 6	1	0.1	136	22.3	32	8.2	104	47.2
District 7	1	0.1	152	16.7	27	5.4	125	30.5
Ada	-	-	164	11.3	33	3.5	131	25.0
Adams	-	-	-	-	-	-	-	-
Bannock	1	0.3	65	22.1	11	6.3	54	45.5
Bear Lake	-	-	5	22.6	-	-	5	64.9
Benewah	-	-	8	33.3	1	5.7	7	107.7
Bingham	-	-	48	28.4	17	15.0	31	56.0
Blaine	-	-	8	12.0	2	4.4	6	27.4
Boise	-	-	5	23.8	2	14.0	3	44.8
Bonner	-	-	29	24.2	9	11.3	20	50.3
Bonneville	1	0.2	92	23.5	17	6.3	75	60.7
Boundary	-	-	9	22.4	-	-	9	72.6
Butte	-	-	1	13.9	-	-	1	45.5
Camas	-	-	-	-	-	-	-	-
Canyon	2	0.2	224	28.2	68	13.2	156	55.6
Caribou	-	-	2	9.1	-	-	2	29.4
Cassia	1	1.0	37	40.6	12	19.8	25	81.4
Clark	-	-	1	27.0	-	-	1	111.1
Clearwater	1	5.4	5	27.9	1	8.1	4	72.7
Custer	-	-	3	33.0	1	18.2	2	55.6
Elmore	-	-	26	34.4	7	14.3	19	72.0
Franklin	-	-	7	12.5	1	2.6	6	34.3
Fremont	-	-	9	20.5	2	7.1	7	44.9
Gem	-	-	15	28.5	3	8.5	12	69.4
Gooding	-	-	18	33.8	4	10.9	14	83.8
Idaho	-	-	12	28.6	3	10.8	9	63.8
Jefferson	-	-	19	17.1	1	1.3	18	52.8
Jerome	-	-	41	52.2	12	22.6	29	113.7
Kootenai	-	-	81	17.1	22	7.0	59	37.5
Latah	-	-	17	9.1	-	-	17	13.1
Lemhi	-	-	3	15.5	1	7.3	2	35.1
Lewis	-	-	4	38.5	-	-	4	121.2
Lincoln	-	-	3	13.5	2	12.4	1	16.1
Madison	-	-	22	7.4	2	2.5	20	9.2
Minidoka	-	-	28	40.9	6	13.0	22	98.2
Nez Perce	-	-	29	24.0	7	9.7	22	45.3
Oneida	-	-	-	-	-	-	-	-
Owyhee	-	-	8	19.7	4	14.9	4	29.2
Payette	-	-	13	17.5	1	2.0	12	51.5
Power	-	-	8	33.1	3	18.9	5	60.2
Shoshone	-	-	7	22.0	-	-	7	64.2
Teton	-	-	3	9.6	3	13.5	-	-
Twin Falls	1	0.3	79	29.5	20	11.4	59	63.4
Valley	-	-	3	14.6	-	-	3	40.0
Washington	-	-	8	24.2	1	4.8	7	56.9

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
2016

RESIDENCE	AGE GROUP							
	<15		15-19		15-17		18-19	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
IDAHO	7	100.0%	933	79.9%	254	91.0%	679	76.4%
District 1	-	-	112	83.6	28	87.5	84	82.4
District 2	1	100.0	57	85.1	11	100.0	46	82.1
District 3	2	100.0	216	80.6	66	85.7	150	78.5
District 4	-	-	167	84.8	41	97.6	126	81.3
District 5	2	100.0	165	77.1	54	93.1	111	71.2
District 6	1	100.0	106	77.9	32	100.0	74	71.2
District 7	1	100.0	110	72.4	22	81.5	88	70.4
Ada	-	-	140	85.9	32	97.0	108	83.1
Adams	-	-	-	-	-	-	-	-
Bannock	1	100.0	49	75.4	11	100.0	38	70.4
Bear Lake	-	-	4	80.0	-	-	4	80.0
Benewah	-	-	8	100.0	1	100.0	7	100.0
Bingham	-	-	41	85.4	17	100.0	24	77.4
Blaine	-	-	6	75.0	2	100.0	4	66.7
Boise	-	-	5	100.0	2	100.0	3	100.0
Bonner	-	-	22	75.9	7	77.8	15	75.0
Bonneville	1	100.0	73	79.3	13	76.5	60	80.0
Boundary	-	-	7	77.8	-	-	7	77.8
Butte	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-
Canyon	2	100.0	182	81.3	59	86.8	123	78.8
Caribou	-	-	2	100.0	-	-	2	100.0
Cassia	1	100.0	30	81.1	12	100.0	18	72.0
Clark	-	-	1	100.0	-	-	1	100.0
Clearwater	1	100.0	5	100.0	1	100.0	4	100.0
Custer	-	-	3	100.0	1	100.0	2	100.0
Elmore	-	-	19	73.1	7	100.0	12	63.2
Franklin	-	-	4	57.1	1	100.0	3	50.0
Fremont	-	-	7	77.8	2	100.0	5	71.4
Gem	-	-	11	73.3	2	66.7	9	75.0
Gooding	-	-	16	88.9	3	75.0	13	92.9
Idaho	-	-	11	91.7	3	100.0	8	88.9
Jefferson	-	-	12	63.2	-	-	12	66.7
Jerome	-	-	28	68.3	11	91.7	17	58.6
Kootenai	-	-	68	84.0	20	90.9	48	81.4
Latah	-	-	15	88.2	-	-	15	88.2
Lemhi	-	-	3	100.0	1	100.0	2	100.0
Lewis	-	-	3	75.0	-	-	3	75.0
Lincoln	-	-	3	100.0	2	100.0	1	100.0
Madison	-	-	8	36.4	2	100.0	6	30.0
Minidoka	-	-	21	75.0	6	100.0	15	68.2
Nez Perce	-	-	23	79.3	7	100.0	16	72.7
Oneida	-	-	-	-	-	-	-	-
Owyhee	-	-	5	62.5	3	75.0	2	50.0
Payette	-	-	11	84.6	1	100.0	10	83.3
Power	-	-	6	75.0	3	100.0	3	60.0
Shoshone	-	-	7	100.0	-	-	7	100.0
Teton	-	-	3	100.0	3	100.0	-	-
Twin Falls	1	100.0	61	77.2	18	90.0	43	72.9
Valley	-	-	3	100.0	-	-	3	100.0
Washington	-	-	7	87.5	1	100.0	6	85.7

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
2016

RESIDENCE	AGE GROUP							
	<15		15-19		15-17		18-19	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
IDAHO	1	14.3%	115	9.8%	33	11.8%	82	9.2%
District 1	-	-	14	10.4	4	12.5	10	9.8
District 2	-	-	2	3.0	-	-	2	3.6
District 3	-	-	20	7.5	9	11.7	11	5.8
District 4	-	-	26	13.1	7	16.7	19	12.2
District 5	1	50.0	23	10.7	8	13.8	15	9.6
District 6	-	-	13	9.6	2	6.3	11	10.6
District 7	-	-	17	11.2	3	11.1	14	11.2
Ada	-	-	26	15.9	7	21.2	19	14.5
Adams	-	-	-	-	-	-	-	-
Bannock	-	-	7	10.8	-	-	7	13.0
Bear Lake	-	-	1	20.0	-	-	1	20.0
Benewah	-	-	1	12.5	1	100.0	-	-
Bingham	-	-	5	10.4	2	11.8	3	9.7
Blaine	-	-	1	12.5	-	-	1	16.7
Boise	-	-	-	-	-	-	-	-
Bonner	-	-	4	13.8	-	-	4	20.0
Bonneville	-	-	11	12.0	2	11.8	9	12.0
Boundary	-	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-
Canyon	-	-	17	7.6	8	11.8	9	5.8
Caribou	-	-	-	-	-	-	-	-
Cassia	1	100.0	6	16.2	2	16.7	4	16.0
Clark	-	-	-	-	-	-	-	-
Clearwater	-	-	-	-	-	-	-	-
Custer	-	-	-	-	-	-	-	-
Elmore	-	-	-	-	-	-	-	-
Franklin	-	-	-	-	-	-	-	-
Fremont	-	-	-	-	-	-	-	-
Gem	-	-	2	13.3	1	33.3	1	8.3
Gooding	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-
Jefferson	-	-	3	15.8	-	-	3	16.7
Jerome	-	-	2	4.9	-	-	2	6.9
Kootenai	-	-	9	11.1	3	13.6	6	10.2
Latah	-	-	2	11.8	-	-	2	11.8
Lemhi	-	-	-	-	-	-	-	-
Lewis	-	-	-	-	-	-	-	-
Lincoln	-	-	1	33.3	-	-	1	100.0
Madison	-	-	2	9.1	-	-	2	10.0
Minidoka	-	-	2	7.1	-	-	2	9.1
Nez Perce	-	-	-	-	-	-	-	-
Oneida	-	-	-	-	-	-	-	-
Owyhee	-	-	-	-	-	-	-	-
Payette	-	-	1	7.7	-	-	1	8.3
Power	-	-	-	-	-	-	-	-
Shoshone	-	-	-	-	-	-	-	-
Teton	-	-	1	33.3	1	33.3	-	-
Twin Falls	-	-	11	13.9	6	30.0	5	8.5
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 2016

RESIDENCE	AGE GROUP											
	<15			15-19			15-17			18-19		
	Number	Ratio	Rate	Number	Ratio	Rate	Number	Ratio	Rate	Number	Ratio	Rate
IDAHO	4	571.4	0.1	219	187.3	3.8	62	222.2	1.7	157	176.4	7.2
District 1	2	**	0.3	30	223.9	4.4	8	250.0	1.7	22	215.7	9.7
District 2	-	-	-	9	134.3	2.4	3	272.7	1.7	6	107.1	3.0
District 3	1	500.0	0.1	40	149.3	4.0	12	155.8	1.8	28	146.6	8.0
District 4	1	**	0.1	79	399.0	5.0	20	476.2	2.0	59	378.2	10.4
District 5	-	-	-	27	126.2	4.1	10	172.4	2.3	17	109.0	7.8
District 6	-	-	-	20	147.1	3.3	4	125.0	1.0	16	153.8	7.3
District 7	-	-	-	14	92.1	1.5	5	185.2	1.0	9	72.0	2.2
Ada	1	**	0.1	75	457.3	5.1	20	606.1	2.1	55	419.8	10.5
Adams	-	-	-	1	**	12.0	-	-	-	1	**	33.3
Bannock	-	-	-	16	246.2	5.4	4	363.6	2.3	12	222.2	10.1
Bear Lake	-	-	-	-	-	-	-	-	-	-	-	-
Benewah	-	-	-	2	250.0	8.3	-	-	-	2	285.7	30.8
Bingham	-	-	-	3	62.5	1.8	-	-	-	3	96.8	5.4
Blaine	-	-	-	2	250.0	3.0	-	-	-	2	333.3	9.1
Boise	-	-	-	1	200.0	4.8	-	-	-	1	333.3	14.9
Bonner	-	-	-	3	103.4	2.5	-	-	-	3	150.0	7.5
Bonneville	-	-	-	9	97.8	2.3	5	294.1	1.9	4	53.3	3.2
Boundary	-	-	-	-	-	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-	-	-
Canyon	1	500.0	0.1	32	142.9	4.0	11	161.8	2.1	21	134.6	7.5
Caribou	-	-	-	1	500.0	4.6	-	-	-	1	500.0	14.7
Cassia	-	-	-	2	54.1	2.2	-	-	-	2	80.0	6.5
Clark	-	-	-	-	-	-	-	-	-	-	-	-
Clearwater	-	-	-	1	200.0	5.6	-	-	-	1	250.0	18.2
Custer	-	-	-	1	333.3	11.0	-	-	-	1	500.0	27.8
Elmore	-	-	-	2	76.9	2.6	-	-	-	2	105.3	7.6
Franklin	-	-	-	-	-	-	-	-	-	-	-	-
Fremont	-	-	-	-	-	-	-	-	-	-	-	-
Gem	-	-	-	2	133.3	3.8	-	-	-	2	166.7	11.6
Gooding	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	1	83.3	2.4	1	333.3	3.6	-	-	-
Jefferson	-	-	-	-	-	-	-	-	-	-	-	-
Jerome	-	-	-	1	24.4	1.3	-	-	-	1	34.5	3.9
Kootenai	1	**	0.2	24	296.3	5.1	7	318.2	2.2	17	288.1	10.8
Latah	-	-	-	3	176.5	1.6	-	-	-	3	176.5	2.3
Lemhi	-	-	-	-	-	-	-	-	-	-	-	-
Lewis	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln	-	-	-	1	333.3	4.5	-	-	-	1	1,000.0	16.1
Madison	-	-	-	2	90.9	0.7	-	-	-	2	100.0	0.9
Minidoka	-	-	-	5	178.6	7.3	4	666.7	8.7	1	45.5	4.5
Nez Perce	-	-	-	4	137.9	3.3	2	285.7	2.8	2	90.9	4.1
Oneida	-	-	-	-	-	-	-	-	-	-	-	-
Owyhee	-	-	-	-	-	-	-	-	-	-	-	-
Payette	-	-	-	3	230.8	4.0	-	-	-	3	250.0	12.9
Power	-	-	-	-	-	-	-	-	-	-	-	-
Shoshone	1	**	3.0	1	142.9	3.1	1	**	4.8	-	-	-
Teton	-	-	-	2	666.7	6.4	-	-	-	2	**	22.7
Twin Falls	-	-	-	16	202.5	6.0	6	300.0	3.4	10	169.5	10.7
Valley	-	-	-	1	333.3	4.9	-	-	-	1	333.3	13.3
Washington	-	-	-	2	250.0	6.0	1	1,000.0	4.8	1	142.9	8.1

** 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.

2016 IDAHO RESIDENT LIVE BIRTHS

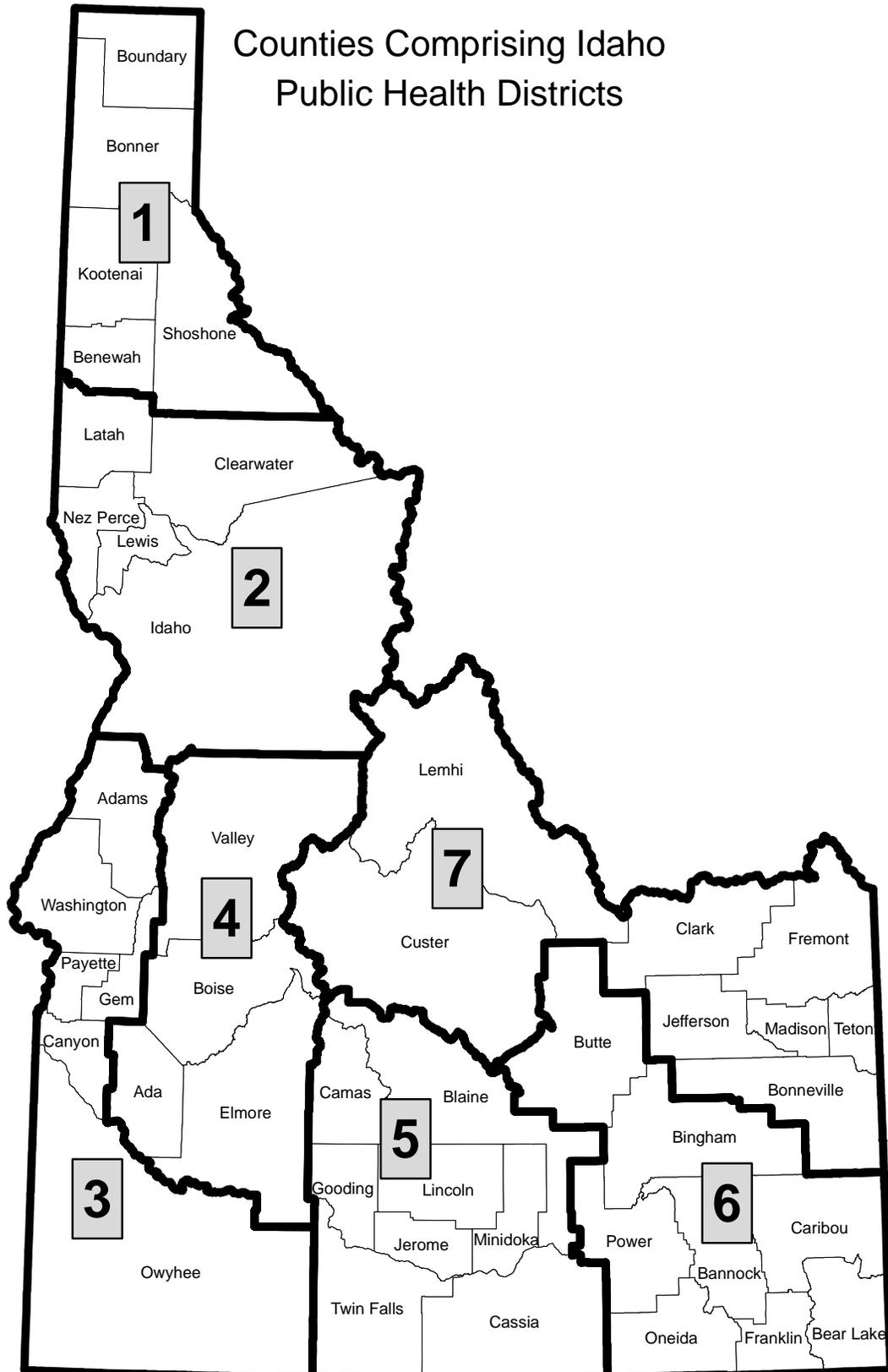
Most Common Given Names				Selected Unique Baby Names, Yewneek Baybee Spellings		
Male		Female		Male	Female	
1.	Oliver	(124)	Emma	(123)	Atlyas	Abalene
2.	Liam	(108)	Olivia	(100)	Baelfire	Aireonna
3.	Mason	(99)	Harper	(88)	Bergandy	Aitana Sophia
4.	William	(96)	Abigail	(75)	Current	Aizic
5.	Lincoln	(90)	Evelyn	(75)	Forge	Beretta
6.	James	(88)	Charlotte	(74)	Geladin	Consider
7.	Wyatt	(85)	Ava	(69)	Hieronymus	Goddess
8.	Noah	(80)	Emily	(65)	Huitzillin	Holliday
9.	Henry	(77)	Elizabeth	(62)	Jay Pea	Jakklyn
10.	Owen	(74)	Amelia	(56)	Jusziyah	Junedarling
11.	Elijah	(73)	Sophia	(54)	Klaw	Kobra
12.	Benjamin	(72)	Avery	(54)	Krimsyn	Kokoro
13.	Grayson	(70)	Ella	(53)	Laszlo	Lolove
14.	* Ethan	(69)	* Claire	(49)	Lil Weezy	Maximum
15.	* Gabriel	(68)	Brooklyn	(49)	Meriadoc	Meecca
16.	Hudson	(68)	Isabella	(49)	Nekoda	Moonlight
17.	* Luke	(65)	Lucy	(48)	Odd	Ozzry
18.	* Easton	(63)	Ellie	(46)	Om	Paizliemichelle
19.	Lucas	(63)	* Zoey	(45)	Radyxx	Quetzally
20.	Daniel	(63)	Scarlett	(44)	Seiuli	Rowdi
21.	Carter	(61)	Paisley	(43)	Shohn	Semmitry
22.	Jaxon	(61)	* Hazel	(42)	Steadfast	Shardanay
23.	Hunter	(59)	Mia	(41)	Tryton	Travisty
24.	Jack	(58)	* Ruby	(40)	Xakiah Ace	Xanity
25.	Logan	(57)	Lily	(39)	Zinadene	Zhakairynne
			* Alice	(39)		

(Number of Occurrences)

* Name was not on Idaho's 25 most common given names list in 2015.

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

The collection of prenatal care data changed dramatically with the revision of the Idaho birth certificate in 2004. Prenatal care data on the revised certificate are based on the date of the first prenatal care visit, the length of gestation, and the date of birth. Prior to 2004, prenatal care on the certificate was based on the month prenatal care began (first, second, third, etc. month of pregnancy). 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 this 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 2016, there were 532 in-state births and 21 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 the National Centers for Health Statistics (NCHS) for NCHS 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 21 out-of-state births with multiple race of mother are included in “other race” category in 2016.

Year	Mother’s Race Births in Idaho			Mother’s Race Births Out of State		
	Total	Single Race	Multiple Race	Total	Single Race	Multiple Race
2014	21,849	20,320	529	1,039	1,014	25
2015	21,724	21,179	545	1,108	1,083	25
2016	21,400	20,771	532	1,062	1,027	21

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 Alaskan 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.

Mother's and Father's Race

Births by Race of Mother				
Race of Mother	2013	2014	2015	2016
White	20,029	20,455	20,448	20,046
Black	199	233	267	296
American Indian/Alaska Native	380	380	370	390
Asian or Pacific Islander	460	473	495	479
Other race	1,197	1,227	1,164	1,140
Race not stated	83	120	88	111

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 2016, 97.3 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. For birth occurring out of state in states with unrevised birth certificates, years of schooling were entered as close as possible to the highest level of school completed.

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 degrees 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 includes 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. For births occurring out of state in states with unrevised certificates, if the mother used tobacco during pregnancy, the birth record was coded to reflect that the mother smoked cigarettes during all three trimesters of pregnancy. Data for cigarette smoking prior to pregnancy were not collected on the unrevised certificate and were coded to “not stated” for data analysis.

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. There were extensive changes for each of these items on the revised certificate. Every effort was made to code information for out-of-state births in states with unrevised certificates to the appropriate data item in the Idaho database.

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.

Risk Factors in this Pregnancy

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 vaginum 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 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

Infections Present and/or Treated During this Pregnancy

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.

Characteristics of Labor and Delivery

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: 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.

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.

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**

Anomalies which are diagnosable within the first 24 hours following birth using widely available conventional diagnostic techniques. Definitions are provided by the CDC, NCHS³.

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.

Congenital Anomalies of the Newborn

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 known syndromes caused by detectable defects in chromosome structure.

Hypospadias - Congenital malformations of genital organs.

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.

Method of Delivery

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

In 2004, the Idaho birth certificate included eight check boxes for the 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”. Principal source for payment was added to the Idaho certificate in 1996. The categories listed from 1996 to 2003 were HMO, self-pay, other health insurance, Medicaid, and 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.

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

Race

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%

NCHS contracted with the Census Bureau to produce a bridged data set in which all multiple race persons are allocated to a single race, to reproduce what these people would have reported had they not had the option to report more than one race. On June 26, 2017, NCHS released state and county population totals for July 1, 2016. These totals are for the four race groups (White, Black, American Indian or Alaska Native, Asian or Pacific Islander) by single year of age, sex, and Hispanic origin⁵.

Race	April 1, 2010		July 1, 2015		July 1, 2016	
	Number	Percent	Number	Percent	Number	Percent
Total	1,567,582	100.0%	1,654,930	100.0%	1,683,140	100.0%
White	1,496,784	95.5%	1,570,040	94.9%	1,596,443	94.8%
Black	15,104	1.0%	19,519	1.2%	20,021	1.2%
American Indian/ Alaska Native	29,801	1.9%	33,410	2.0%	34,218	2.0%
Asian/ Pacific Islander	25,893	1.7%	31,961	1.9%	32,458	1.9%

1. “PNSS Health Indicators,” CDC Pediatric and Pregnancy Nutrition Surveillance System. December 2010. 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 26, 2017. Available at: http://www.cdc.gov/nchs/nvss/bridged_race/data_documentation.htm

Costs associated with this publication are available from Idaho Department of Health and Welfare.

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