



November 2018



IDAHO DEPARTMENT OF HEALTH & WELFARE
DIVISION OF PUBLIC HEALTH

2017 Natality Idaho Vital Statistics



2017 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.
- Prepared by** This report was prepared by Sonya Deakins, Senior Research Analyst of the Idaho Department of Health and Welfare, Division of Public Health.
- Citation** Suggested citation: *Idaho Vital Statistics- Natality 2017*, Idaho Department of Health and Welfare, Division of Public Health, Bureau of Vital Records and Health Statistics, November 2018.

TABLE OF CONTENTS

	Page
NATALITY DEFINITIONS AND FORMULAS	5
VITAL REGISTRATION AND DATA COLLECTION	7
NATALITY	8
2017 Live births: births by month (graph)	15
2017 Live births: births by day (graph).....	15
2013-2017 Live births: number and rates (<i>U.S., Idaho, districts, counties</i>).....	16
2017 Live births: sex of newborn (<i>Idaho, districts, counties</i>).....	17
2017 Live births: race/ethnicity of mother (<i>Idaho, districts, counties</i>)	18
2017 Live births: age of mother (<i>Idaho, districts, counties</i>).....	19
2017 Live births: education of mother (<i>Idaho, districts, counties</i>)	20
2017 Live births: attendant at birth (<i>Idaho, districts, counties</i>)	21
2017 Live births: place of birth (<i>Idaho, districts, counties</i>).....	22
2017 Live births: birth and fertility rates (<i>U.S., Idaho, districts, counties</i>).....	23
2017 Live births: live birth order by age of mother.....	24
2017 Live births: fertility and age-specific rates (<i>U.S., Idaho</i>)	24
2017 Live births: WIC participation (<i>Idaho, districts, counties</i>).....	25
2017 Live births: Infant breastfed (<i>Idaho, districts, counties</i>)	26
PRENATAL CARE	27
2017 Live births: prenatal care by mother’s characteristics.....	28
2017 Live births: trimester when prenatal care began (<i>Idaho, districts, counties</i>).....	29
2017 Live births: APNCU Index of prenatal care (<i>Idaho, districts, counties</i>).....	30
2017 Low birthweight live births: weight at birth (<i>U.S., Idaho, districts, counties</i>).....	31
2017 Low birthweight live births: race/ethnicity of mother (<i>Idaho, districts, counties</i>).....	32
2017 Low birthweight live births: age of mother (<i>Idaho, districts, counties</i>).....	33
2017 Low birthweight live births: live birth order by age of mother.....	34
2017 Low birthweight live births: age-specific percentages (<i>U.S., Idaho</i>).....	34
2017 Live births: birthweight by gestational age	35
2017 Live births: birthweight by cigarette smoking status during pregnancy	35
2017 Live births: gestational age in weeks (<i>U.S., Idaho, districts, counties</i>).....	36
2017 Live births: number and percent of births by plurality (<i>Idaho, districts</i>)	37
2017 Live births: plurality by gestational age.....	37
2017 Live births: plurality by birthweight.....	37
OUT-OF-WEDLOCK LIVE BIRTHS	38
2017 Out-of-wedlock live births: race/ethnicity of mother (<i>Idaho, districts, counties</i>).....	40
2017 Out-of-wedlock live births: age of mother (<i>Idaho, districts, counties</i>).....	41
2017 Out-of-wedlock live births: live birth order by age of mother	42
2017 Out-of-wedlock live births: age-specific percentages (<i>U.S., Idaho</i>).....	42

TABLE OF CONTENTS (CONTINUED)

	Page
OTHER CHARACTERISTICS	
2017 Live births: risk factors, infections present and/or treated during pregnancy by age of mother	43
2017 Live births: risk factors, infections present and/or treated during pregnancy	43
2017 Live births: maternal morbidity (complications), characteristics of labor and delivery by age of mother	44
2017 Live births: maternal morbidity (complications), characteristics of labor and delivery	44
2017 Live births: abnormal conditions of the newborn	45
2017 Live births: congenital anomalies of the newborn	45
2017 Live births: method of delivery (<i>U.S., Idaho, districts, counties</i>)	46
2017 Live births: method of delivery by birthweight	47
2017 Live births: method of delivery by gestational age	47
2017 Live births: method of delivery by principal source of payment for delivery	48
2017 Live births: method of delivery by age of mother	48
2017 Live births: principal source of payment for delivery by birth attendant	49
2017 Live births: principal source of payment for delivery by age of mother	49
2017 Live births: principal source of payment for delivery (<i>Idaho, districts, counties</i>)	50
2017 Live births: cigarette smoking before and during pregnancy by trimester (<i>Idaho, districts, counties</i>)	51
2017 Live births: cigarette smoking during pregnancy by age of mother	52
2017 Live births: cigarette smoking during pregnancy by race and ethnicity of mother	52
2017 Live births: pre-pregnancy body mass index (<i>Idaho, districts, counties</i>)	53
2017 Live births: pre-pregnancy body mass index by age of mother	54
2017 Live births: pre-pregnancy body mass index by race and ethnicity of mother	54
TEEN NATALITY	
2017 Teen pregnancy: fertility rates by age group (graph) (<i>U.S., Idaho</i>)	55
2017 Teen pregnancy: out-of-wedlock percentages by age group (graph) (<i>U.S., Idaho</i>)	55
2017 Teen pregnancy: fertility, out-of-wedlock, and low birthweight by age group (<i>U.S., Idaho</i>) ...	56
2017 Teen pregnancy: pregnancy and abortion by age group	56
2017 Teen pregnancy: stillbirth, abortion, and birth rates by age group (graph)	57
2017 Teen pregnancy: pregnancy rates by 15-19 age group (graph) (<i>Idaho, districts</i>)	57
2017 Teen pregnancy: total pregnancies and rates by age group (<i>Idaho, districts, counties</i>)	58
2017 Teen live births: age of mother (<i>Idaho, districts, counties</i>)	59
2017 Teen live births: out-of-wedlock by age of mother (<i>Idaho, districts, counties</i>)	60
2017 Teen live births: low birthweight by age of mother (<i>Idaho, districts, counties</i>)	61
2017 Teen abortions: abortions, ratios and rates by age of patient (<i>Idaho, districts, counties</i>)	62
2017 Most common given names and selected unique names	63
Counties comprising Idaho Public Health Districts	64
NATALITY TECHNICAL NOTES	65

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. At the time of publication, 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. At the time of publication, the latest U.S. final data available are 2016 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 2016," National Vital Statistics Reports, National Center for Health Statistics, Vol. 67, No. 1, January 31, 2018.

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 2017 birth records was July 3, 2018 and the cut-off date for 2017 stillbirth records was September 13, 2018. 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 2017 induced abortion records was September 17, 2018. 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.

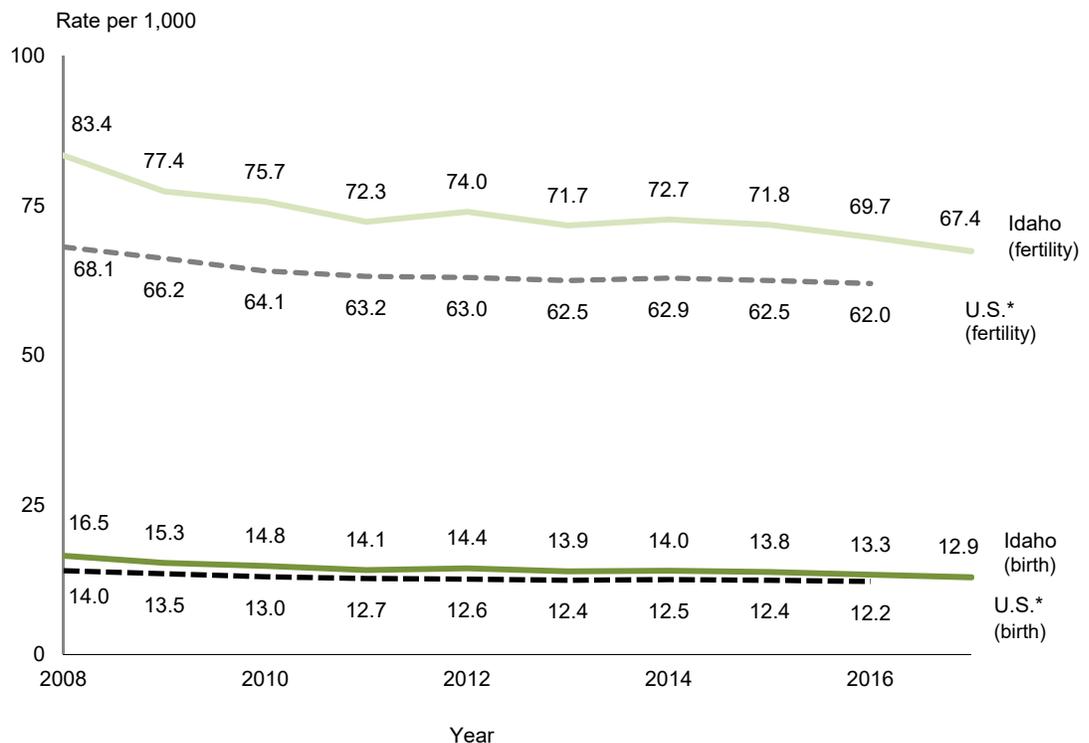
NATALITY

U.S. and Idaho

The total number of live births for the U.S in 2016¹ was 3,945,875, a decrease of 0.8 percent from 2015² (3,978,497 births). Since 2007, there was a steady decline in birth rates until 2014 which had a 0.8 percent increase followed by further decline in 2015 and 2016. The 2016¹ U.S. birth rate was 12.2 per 1,000 population, compared with 12.4 in 2015¹ and 12.5 in 2014³. U.S. fertility rates followed a similar trend as U.S. birth rates, decreasing after 2007 and slightly increasing in 2014, followed by a further decline in 2015 and 2016. The U.S. 2016¹ fertility rate was 62.0 per 1,000 women aged 15-44, decreasing from 62.5 in 2015¹ and 62.9 in 2014³.

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 2017. The birth rate for Idaho in 2017 was 12.9, a 3.3 percent decrease from 13.3 in 2016, and a 6.5 percent decrease from 13.8 in 2015. The 2017 fertility rate for Idaho was 67.4 per 1,000 women aged 15-44, a 3.4 percent decrease from 69.7 in 2016, and a 6.2 percent decrease from 71.8 in 2015. The number of births decreased by 303 births (1.3 percent), from 22,462 births in 2016 to 22,159 in 2017.

**RESIDENT LIVE BIRTH AND FERTILITY RATES
U.S. and Idaho
2008-2017**

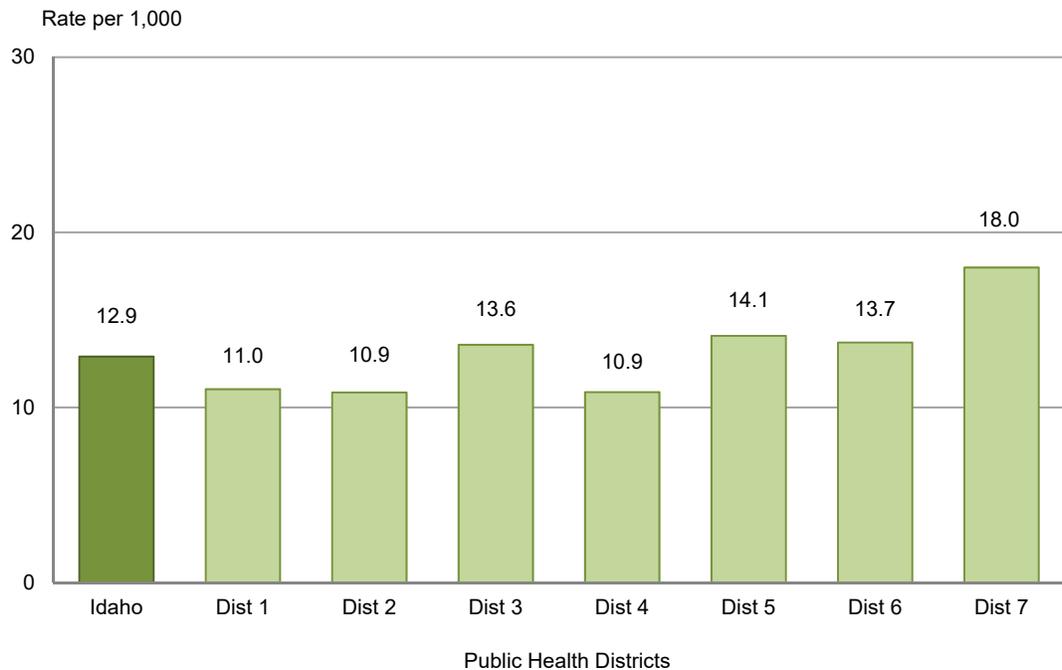


* U.S. fertility and birth rates are based on final data for 2008 through 2016 and 2017 data was unavailable at the time of this publication; taken from the National Center for Health Statistics, National Vital Statistics Reports.
Birth rate: Number of live births per 1,000 population.
Fertility rate: Number of live births per 1,000 females 15-44 years of age.

U.S. and Idaho

Idaho live birth rates in 2017 ranged from a low of 10.9 per 1,000 population in District's 2 and 4 to a high of 18.0 per 1,000 in District 7. From 2016 to 2017, there were no Districts that experienced an increase in birth rates while District's 1, 3, 4, 5, and 6 experienced a decrease and District's 2 and 7 had no change in birth rates. District 4 had the largest rate decrease (5.7 percent) from 11.5 in 2016 to 10.9 in 2017 followed by District 6 (4.5 percent) from 14.4 in 2016 to 13.7 in 2017.

IDAHO RESIDENT LIVE BIRTH RATES Idaho and Districts 2017



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 2017, 88.4 percent of Idaho mothers were White, 1.5 percent were Black, 1.7 percent were American Indian, 2.1 percent were Asian or Pacific Islander, and 6.2 percent reported other race. A total of 16.2 percent of mothers were of Hispanic origin and 83.8 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 2017 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 resident mothers was 28 years in 2017. For the 7,553 first-time Idaho mothers with known age, the mean age was 25 years in 2017, compared with 26.6 years for first-time mothers in the U.S. in 2016 ¹ . The ages for first-time mothers ranged from 13 to 49 in Idaho in 2017. Most Idaho births, 57.2 percent, were to mothers aged 20 to 29 in 2017 compared with 56.7 percent in 2016. Teens aged less than 20 accounted for 5.0 percent of all live births in 2017 compared with 5.2 percent in 2016. A total of 37.8 percent of mothers were aged 30 or older in 2017, compared with 38.0 percent in 2016.
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 2017, 10.9 percent of mothers were not high school graduates and 89.1 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, 84.7 percent had not yet received their high school diploma. A total of 40.3 percent of mothers aged 18 and 19 had not received their diploma and 8.9 percent of mothers aged 20 and older had not received their diploma at the time of delivery in 2017.
Birth Attendant	<p>In 2017, 86.0 percent of births to Idaho residents were attended by physicians and 14.0 percent were non-physician attended. While the number of total births decreased 1.3 percent from 2016 to 2017, the number of births attended by physicians decreased 2.6 percent from 19,576 in 2016 to 19,062 in 2017. The number of births attended by certified nurse midwives increased 6.9 percent from 2,206 to 2,358; the number of births attended by licensed or lay midwives increased 3.3 percent from 575 in 2016 to 594 in 2017.</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 3.9 percent (862) of Idaho's 2017 resident births occurred in a non-hospital setting. Most of the out-of-hospital births occurred at a residence (505 or 2.3 percent) or a freestanding birthing center (319 or 1.4 percent). In 2017, a total of 26 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 78.3 percent in 2017, 77.7 percent in 2016, and 75.8 percent in 2015.

Low birthweight and Preterm Births Nationally, 8.2 percent of births were low birthweight (< 2,500 grams or 5 lb. 8 oz.) in 2016¹, which is a slight increase from 2015² (1.2 percent). Among Idaho residents, the percent of low birthweight live births increased from 6.9 percent in 2016 to 7.0 in 2017. 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 2016¹ U.S. data based on the OE indicates 9.9 percent of live births were preterm. (less than 37 completed weeks of gestation). The percent of preterm infants was 8.8 percent in Idaho in 2017, 8.9 percent in 2016, and 8.2 percent in 2015 using the obstetric estimate. There is a correlation between low birthweight babies and preterm births. Of the 1,939 babies born preterm (prior to 37 weeks gestation) in Idaho for 2017, 1,078 (55.6 percent) were born low birthweight compared with 470 (2.3 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 2017, there were 21,464 singletons, 682 twins and 12 triplets or higher-order births. The percent of low birthweight infants was 5.4 percent for singletons, 56.5 for twins, and 100.0 percent for triplets or higher-order births in 2017. The Idaho preterm rate was 6.9 percent for singletons, 64.7 percent for twins, and 100.0 percent for triplets or higher-order births in 2017.

WIC: Supplemental Nutritional Program for Women, Infants, and Children In 2017, 30.5 percent of live births were to mothers who received WIC food for themselves during pregnancy, compared with 32.8 percent of births in 2016. By district of residence, the percentage of mothers who participated in WIC ranged from a low of 21.1 percent in District 4, to a high of 35.9 percent in District 6. Mothers aged less than 20 were twice as likely to receive WIC food (67.0 percent) than mothers aged 20 and older (28.6 percent). Unmarried mothers were twice as likely to receive WIC food (51.3 percent) than married mothers (22.5 percent).

Breastfeeding A total of 92.3 percent of Idaho infants were breastfed at birth in 2017. Mothers under the age of 20 were less likely to have breastfed at the time of birth (88.7 percent) than mothers aged 20 and older (92.5 percent). Fewer unmarried mothers breastfed at birth (87.1 percent) than married mothers (94.3 percent).

Out of Wedlock	In Idaho, the total number of births decreased 1.3 percent from 2016 to 2017, while the number of out-of-wedlock births increased 0.3 percent from 6,184 in 2016 to 6,204 in 2017. The percent of out-of-wedlock Idaho births increased slightly from 27.6 percent in 2016 to 28.0 percent in 2017. In Idaho, the percentage of births to unmarried mothers ranged from 17.4 percent among Asian or Pacific Islander mothers to 69.8 percent among American Indian or Alaska Native mothers. Nationally, the percent of all births to unmarried women was 39.8 in 2016 ¹ , a slight difference from 40.3 percent in 2015 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 6,037 births (27.3 percent) were to Idaho mothers with at least one risk factor during pregnancy. The most common risk factor to mothers was previous cesarean delivery (2,901) followed by gestational hypertension (1,509), and gestational diabetes (1,095).
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; 3,708 or 16.7 percent of births were to mothers with or treated for group B streptococcus. Among births with known data for infection status, 4,751 (22.2 percent) births were to mothers with at least one infection present and/or treated during pregnancy in 2017.
Maternal Morbidity	Maternal morbidity is defined on the Idaho birth certificate as complications associated with labor and delivery. A total of 1.5 percent of Idaho births (336) were to mothers with one or more complications of labor and delivery reported on the birth certificate in 2017. The leading complications reported were: third or fourth degree perineal laceration (207 births), maternal transfusion (81 births), and unplanned operating room procedure following delivery (54 births).
Characteristics of Labor and Delivery	The most common characteristics of labor and delivery reported in 2017 were: epidural or spinal anesthesia during labor (15,875 births or 71.6 percent), induction of labor (6,610 births or 29.8 percent), augmentation of labor (5,732 births or 25.9 percent), and antibiotics received by mother during labor (5,380 or 24.3 percent).
Abnormal Conditions of the Newborn	One in seven newborns had at least one abnormal condition reported on the 2017 birth certificate (3,121 or 14.1 percent). The most common abnormal condition reported was Neonatal Intensive Care Unit (NICU) admission (2,320), followed by assisted ventilation required immediately following delivery (1,409), and newborn received antibiotics for suspected neonatal sepsis (739 births).
Congenital Anomalies of the Newborn	A total of 160 Idaho newborns had one or more congenital anomalies in 2017. A total of 43 births reported Cyanotic congenital heart disease, suspected other chromosomal disorders was reported for 23 births (13 had confirmed karyotype disorders), and 21 births reported cleft lip with or without cleft palate. Hypospadias was reported for 20 births while 16 births reported down syndrome (7 had karyotype confirmed).

Cigarette Smoking

A total of 12.0 percent of mothers reported smoking the three months prior to pregnancy. Of the 2,648 who reported smoking in the three months prior to pregnancy, 747 (28.2 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, 1,937 (8.8 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 5.9 percent in District 7 to a high of 13.3 percent in District 1.

By age group, ages 18-19 had the highest percentage of mothers who smoked during pregnancy (16.6 percent) and ages 40-44 had the lowest percentage of mothers who smoked (5.2 percent). By race, American Indian or Alaska natives had the highest percentage of mothers who smoked (16.7 percent) and mothers of “other race” and Asian or Pacific Islander had the lowest percentage of those who smoked (2.8 percent). Non-Hispanic mothers were 2.5 times more likely to smoke during pregnancy (9.7 percent) than Hispanic mothers (3.9 percent) in 2017.

In 2017, 7.0 percent of all live births were low birthweight. Of the 1,937 births to women who smoked during pregnancy, 10.9 percent infants were low birthweight compared with 6.6 percent of infants born low birthweight to nonsmokers.

Method of Delivery

In 2017, the Idaho resident birth rate for vaginal, non-VBAC (vaginal deliveries after a cesarean) births was 73.6 deliveries per 100 births; the total birth rate for vaginal deliveries in Idaho was 76.3 per 100 births compared with 68.1 per 100 births nationally in 2016¹. Conversely, Idaho’s total cesarean rate (23.7 deliveries per 100 births) in 2017 was lower than the national rate of 31.9 per 100 births in 2016¹. Rates for VBACs and repeat cesareans are based on mothers with a previous cesarean. Idaho’s VBAC rate was 20.5 deliveries per 100 births to women with previous cesarean, and the repeat cesarean rate for Idaho was 79.5 per 100 births to women with a previous cesarean.

Method of Payment

In 2017, 53.6 percent of deliveries were paid by private insurance in Idaho compared with 53.9 percent in 2016. In 2017, 37.0 percent of births were paid by Medicaid which was the same percentage in 2016. A total of 5.7 percent of births were reported as self-pay and a total of 2.7 percent of births were paid by other governmental agencies. A total of 1.0 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.

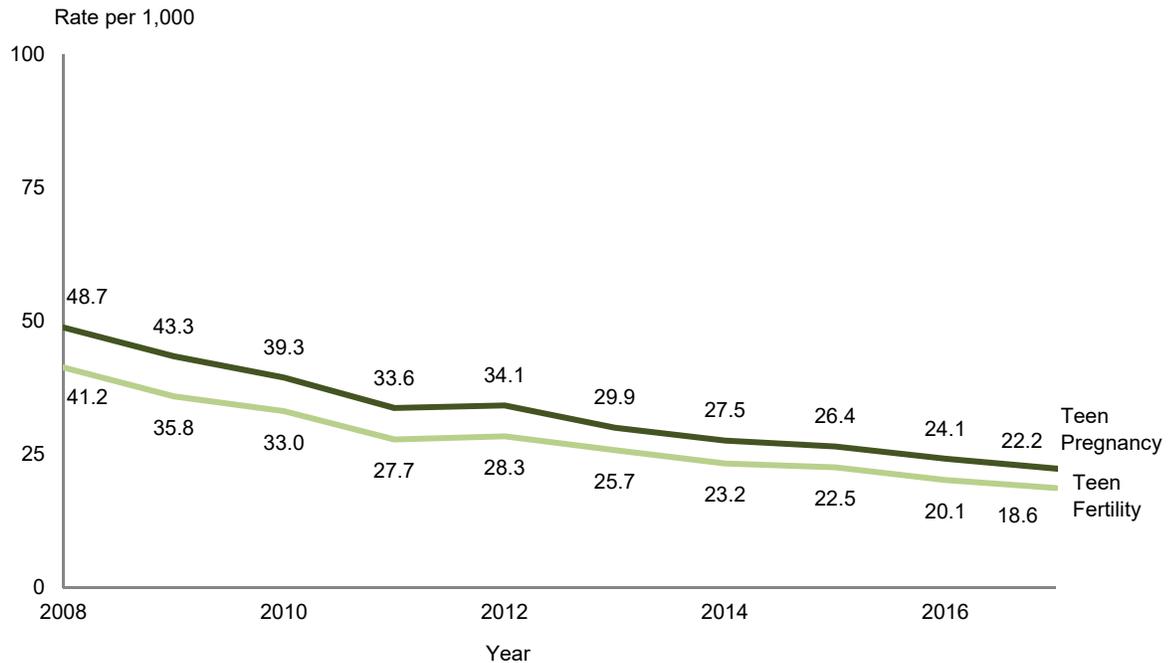
Body Mass Index (BMI)

Pre-pregnancy Body Mass Index (BMI) is a measure of weight and height before the woman became pregnant (see Technical Notes for classifications). In 2017, 9,885 (45.0 percent) births were to mothers classified as normal weight while 5,674 (25.9 percent) births were to women who were classified as being overweight and 5,704 (26.0 percent) births were to mothers who were obese prior to pregnancy.

Teen Pregnancy and Fertility

Reportable pregnancies include live births, abortions, and stillbirths. During the past decade among Idaho resident females aged 15-19, there has been a steady decline in teen pregnancy numbers (from 2,672 in 2008 to 1,322 in 2017) and rates (from 48.7 per 1,000 in corresponding age group in 2008 to 22.2 in 2017). In 2017, the 1,322 reportable pregnancies among Idaho females aged 15-19 included 1,105 live births, 211 abortions, and 6 stillbirths. The percentage of decline in pregnancy rates for this teen age group from 2015 to 2016 was 8.7 percent and from 2016 to 2017 was 7.7 percent. There has also been a steady decline in the annual teen fertility rates among Idaho resident females aged 15 to 19 beginning in 2008 and continuing to 2017, except for a slight increase in 2012 (2.2 percent increase). The fertility rate in 2017 for those aged 15-19 was 18.6 per 1,000 females in corresponding age group, a 7.5 percent decrease from the rate in 2016 which was 20.1. Moreover, the fertility rate for this same teen age group decreased from 22.5 in 2015 to 20.1 in 2016, a decline of 10.6 percent.

**IDAHO RESIDENT PREGNANCY* AND FERTILITY RATES
Teens Aged 15-19
2008-2017**

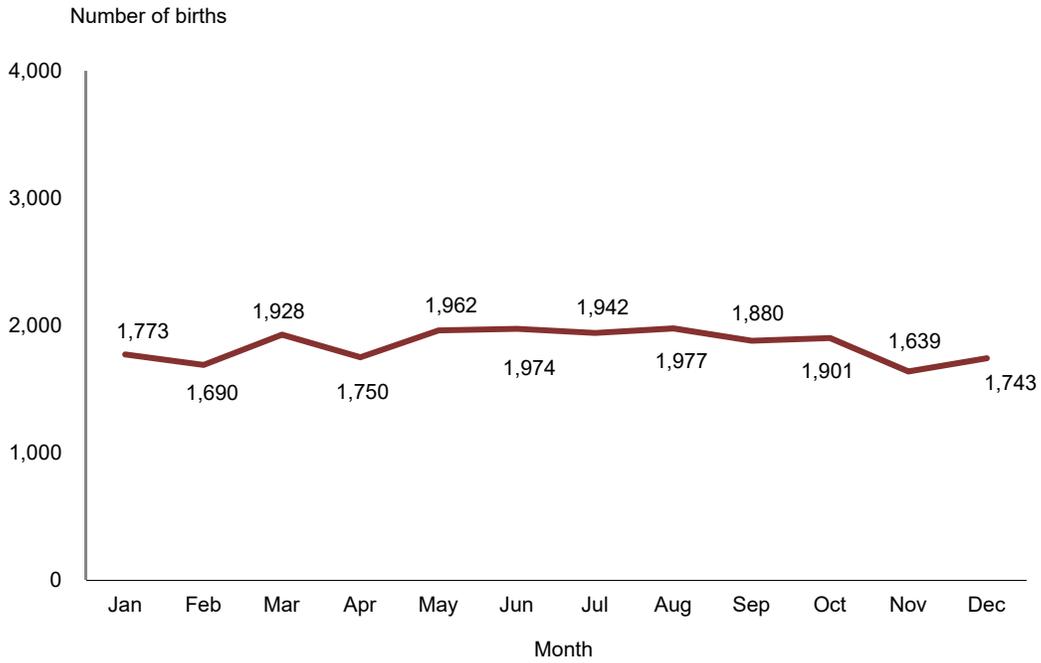


* Pregnancy rates include live births, induced abortions, and reportable stillbirths (only those fetal deaths with a gestational period of 20+ weeks or which weigh 350+ grams are required to be reported under Idaho law.)

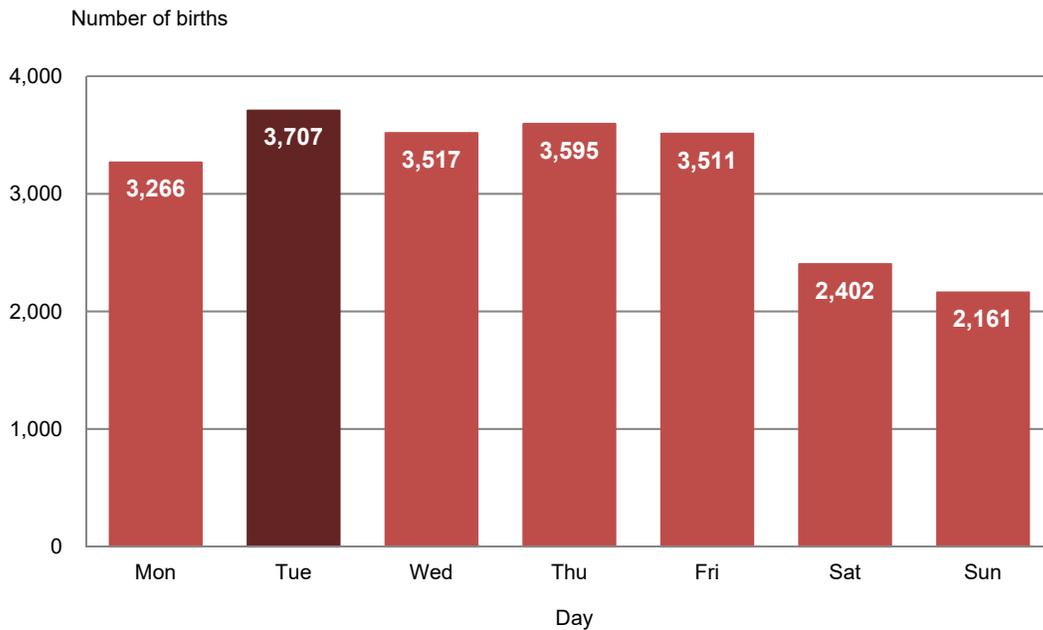
Note: Teen pregnancy rate: Number of pregnancies per 1,000 females aged 15-19.
Teen fertility rate: Number of live births per 1,000 females aged 15-19.

1. "Births: Final Data for 2016" [National Vital Statistics Reports](#), National Center for Health Statistics, Vol. 67, No. 1, January 31, 2018.
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.

IDAHO RESIDENT LIVE BIRTHS Births by Month 2017



IDAHO RESIDENT LIVE BIRTHS Births by Day 2017



IDAHO RESIDENT LIVE BIRTHS
Number of Live Births and Live Birth Rates¹
2013-2017

RESIDENCE	2017		2016		2015		2014		2013	
	Number	Rate								
U.S.				12.2		12.4		12.5		12.4
IDAHO	22,159	12.9	22,462	13.3	22,832	13.8	22,888	14.0	22,348	13.9
District 1	2,594	11.0	2,600	11.3	2,652	11.8	2,615	11.8	2,473	11.4
District 2	1,178	10.9	1,175	10.9	1,219	11.4	1,180	11.0	1,157	10.9
District 3	3,845	13.6	3,911	14.1	3,965	14.6	4,005	14.9	3,846	14.6
District 4	5,456	10.9	5,625	11.5	5,679	11.9	5,751	12.3	5,594	12.2
District 5	2,772	14.1	2,821	14.5	2,777	14.4	2,789	14.6	2,845	15.1
District 6	2,364	13.7	2,445	14.4	2,556	15.1	2,579	15.3	2,581	15.3
District 7	3,950	18.0	3,885	18.0	3,984	18.8	3,969	18.9	3,852	18.5
Ada	4,832	10.6	5,023	11.3	5,118	11.8	5,128	12.0	4,980	12.0
Adams	31	7.5	37	9.5	26	6.8	31	8.0	28	7.3
Bannock	1,189	13.9	1,200	14.2	1,258	15.0	1,324	15.9	1,249	15.0
Bear Lake	83	13.8	90	15.1	70	11.8	90	15.1	79	13.3
Benewah	97	10.6	103	11.3	115	12.7	107	11.7	106	11.7
Bingham	603	13.1	661	14.6	734	16.3	687	15.2	745	16.4
Blaine	188	8.5	202	9.3	237	11.0	222	10.3	211	9.9
Boise	61	8.4	49	6.9	41	5.8	39	5.7	43	6.3
Bonner	425	9.8	437	10.3	378	9.0	431	10.4	394	9.7
Bonneville	1,872	16.3	1,910	17.0	1,969	17.9	1,875	17.3	1,847	17.2
Boundary	121	10.1	156	13.4	143	12.6	132	12.0	129	11.9
Butte	33	12.7	30	12.0	27	10.8	26	9.9	30	11.4
Camas	13	11.8	8	7.5	11	10.3	5	4.8	10	9.6
Canyon	3,057	14.1	3,129	14.8	3,174	15.3	3,227	15.9	3,079	15.5
Caribou	95	13.5	89	12.9	86	12.7	83	12.1	100	14.7
Cassia	392	16.6	383	16.3	345	14.7	374	15.9	383	16.4
Clark	9	10.3	7	8.1	9	10.2	10	11.5	10	11.5
Clearwater	69	8.1	72	8.5	56	6.6	58	6.8	75	8.7
Custer	38	9.1	47	11.5	35	8.6	42	10.1	42	9.9
Elmore	470	17.5	457	17.6	432	16.7	495	19.0	486	18.6
Franklin	191	14.1	202	15.1	198	15.1	176	13.5	203	15.8
Fremont	175	13.4	176	13.6	174	13.6	198	15.4	179	13.8
Gem	195	11.2	207	12.0	215	12.8	192	11.4	199	11.9
Gooding	197	13.0	227	14.9	202	13.2	202	13.4	208	13.8
Idaho	158	9.7	143	8.9	168	10.3	158	9.7	135	8.4
Jefferson	497	17.5	448	16.1	483	17.8	445	16.5	484	18.0
Jerome	364	15.4	401	17.4	422	18.5	384	16.8	409	18.2
Kootenai	1,809	11.5	1,756	11.4	1,856	12.3	1,795	12.2	1,708	11.8
Latah	450	11.4	424	10.8	466	12.0	448	11.7	434	11.4
Lemhi	78	9.9	80	10.4	88	11.4	65	8.4	62	8.0
Lewis	34	8.7	39	10.1	46	12.1	35	9.1	43	11.0
Lincoln	79	14.9	56	10.6	86	16.2	62	11.7	75	14.1
Madison	1,133	28.9	1,073	27.5	1,060	27.7	1,197	31.5	1,084	28.9
Minidoka	325	15.7	304	14.7	304	14.9	326	16.0	331	16.3
Nez Perce	467	11.6	497	12.3	483	12.1	481	12.0	470	11.8
Oneida	56	12.6	50	11.5	53	12.4	44	10.5	47	11.0
Owyhee	141	12.1	136	11.9	145	12.8	142	12.5	123	10.7
Payette	314	13.5	289	12.6	292	12.8	310	13.6	301	13.3
Power	114	15.0	123	16.1	130	17.0	149	19.6	128	16.6
Shoshone	142	11.3	148	11.9	160	12.9	150	12.1	136	10.7
Teton	148	13.0	144	13.1	166	15.7	137	13.2	144	14.0
Twin Falls	1,214	14.3	1,240	14.8	1,170	14.2	1,214	15.0	1,218	15.2
Valley	93	8.7	96	9.1	88	8.7	89	9.1	85	8.8
Washington	107	10.6	113	11.1	113	11.3	103	10.3	116	11.7

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

IDAHO RESIDENT LIVE BIRTHS
Sex of Newborn
2017

RESIDENCE	TOTAL LIVE BIRTHS	SEX	
		Male	Female
IDAHO	22,159	11,311	10,848
District 1	2,594	1,320	1,274
District 2	1,178	593	585
District 3	3,845	1,965	1,880
District 4	5,456	2,767	2,689
District 5	2,772	1,393	1,379
District 6	2,364	1,200	1,164
District 7	3,950	2,073	1,877
Ada	4,832	2,469	2,363
Adams	31	16	15
Bannock	1,189	602	587
Bear Lake	83	44	39
Benewah	97	48	49
Bingham	603	305	298
Blaine	188	95	93
Boise	61	33	28
Bonner	425	201	224
Bonneville	1,872	951	921
Boundary	121	61	60
Butte	33	16	17
Camas	13	7	6
Canyon	3,057	1,556	1,501
Caribou	95	56	39
Cassia	392	203	189
Clark	9	6	3
Clearwater	69	45	24
Custer	38	21	17
Elmore	470	226	244
Franklin	191	98	93
Fremont	175	87	88
Gem	195	107	88
Gooding	197	97	100
Idaho	158	82	76
Jefferson	497	256	241
Jerome	364	177	187
Kootenai	1,809	926	883
Latah	450	215	235
Lemhi	78	44	34
Lewis	34	17	17
Lincoln	79	41	38
Madison	1,133	629	504
Minidoka	325	162	163
Nez Perce	467	234	233
Oneida	56	29	27
Owyhee	141	75	66
Payette	314	155	159
Power	114	50	64
Shoshone	142	84	58
Teton	148	79	69
Twin Falls	1,214	611	603
Valley	93	39	54
Washington	107	56	51

IDAHO RESIDENT LIVE BIRTHS
Race and Ethnicity of Mother
2017

RESIDENCE	TOTAL LIVE BIRTHS	RACE						ETHNICITY ²	
		White	Black	American Indian or Alaska Native	Asian or Pacific Islander	Other Race ¹	Not Stated	Non-Hispanic	Hispanic
IDAHO	22,159	19,524	332	378	471	1,375	79	18,563	3,596
District 1	2,594	2,436	12	63	28	49	6	2,470	124
District 2	1,178	1,071	15	54	18	17	3	1,120	58
District 3	3,845	3,327	30	36	50	378	24	2,724	1,121
District 4	5,456	4,764	200	43	240	187	22	4,857	599
District 5	2,772	2,326	32	20	53	334	7	1,873	899
District 6	2,364	2,016	15	138	26	160	9	2,075	289
District 7	3,950	3,584	28	24	56	250	8	3,444	506
Ada	4,832	4,223	176	35	220	156	22	4,317	515
Adams	31	31	-	-	-	-	-	31	-
Bannock	1,189	1,036	13	70	21	47	2	1,095	94
Bear Lake	83	81	-	1	1	-	-	80	3
Benewah	97	71	1	23	1	1	-	92	5
Bingham	603	463	1	64	4	69	2	487	116
Blaine	188	152	1	1	2	29	3	111	77
Boise	61	58	-	-	2	1	-	56	5
Bonner	425	410	1	3	6	5	-	411	14
Bonneville	1,872	1,651	15	12	30	164	-	1,581	291
Boundary	121	113	-	3	-	3	2	115	6
Butte	33	30	-	-	-	1	2	30	3
Camas	13	13	-	-	-	-	-	13	-
Canyon	3,057	2,604	28	30	43	330	22	2,097	960
Caribou	95	90	-	1	-	2	2	89	6
Cassia	392	376	-	2	4	9	1	272	120
Clark	9	8	-	-	-	1	-	5	4
Clearwater	69	65	1	2	-	1	-	63	6
Custer	38	34	1	1	-	2	-	36	2
Elmore	470	391	24	8	18	29	-	397	73
Franklin	191	181	1	-	-	8	1	175	16
Fremont	175	157	-	2	-	16	-	146	29
Gem	195	178	1	1	4	11	-	173	22
Gooding	197	146	-	1	1	49	-	110	87
Idaho	158	148	1	5	-	3	1	148	10
Jefferson	497	453	3	2	7	28	4	445	52
Jerome	364	261	1	-	3	99	-	184	180
Kootenai	1,809	1,707	10	30	20	39	3	1,713	96
Latah	450	426	7	4	10	2	1	431	19
Lemhi	78	77	1	-	-	-	-	75	3
Lewis	34	32	-	2	-	-	-	32	2
Lincoln	79	55	-	-	2	20	2	50	29
Madison	1,133	1,072	8	5	17	28	3	1,036	97
Minidoka	325	311	2	3	3	6	-	185	140
Nez Perce	467	400	6	41	8	11	1	446	21
Oneida	56	56	-	-	-	-	-	52	4
Owyhee	141	122	-	1	1	16	1	97	44
Payette	314	293	1	4	1	15	-	242	72
Power	114	79	-	2	-	33	-	67	47
Shoshone	142	135	-	4	1	1	1	139	3
Teton	148	132	-	2	2	11	1	120	28
Twin Falls	1,214	1,012	28	13	38	122	1	948	266
Valley	93	92	-	-	-	1	-	87	6
Washington	107	99	-	-	1	6	1	84	23

1. Beginning in 2009, out-of-state births with more than one race are included with "Other Race"; there were 27 births with more than one race delivered out of state during 2017.
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
2017

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	22,159	10	1,105	216	889	5,387	7,278	5,428	2,466	445	38	2
District 1	2,594	1	132	27	105	577	871	657	292	59	5	-
District 2	1,178	1	37	3	34	275	454	275	107	26	1	2
District 3	3,845	3	250	48	202	1,012	1,257	862	383	69	9	-
District 4	5,456	1	211	43	168	939	1,702	1,654	805	135	9	-
District 5	2,772	3	201	49	152	703	895	612	290	61	7	-
District 6	2,364	1	125	22	103	615	783	549	248	41	2	-
District 7	3,950	-	149	24	125	1,266	1,316	819	341	54	5	-
Ada	4,832	1	172	32	140	773	1,502	1,517	737	122	8	-
Adams	31	-	1	-	1	11	9	7	3	-	-	-
Bannock	1,189	1	65	7	58	315	405	267	120	15	1	-
Bear Lake	83	-	3	-	3	19	31	21	8	1	-	-
Benewah	97	-	11	2	9	25	30	17	12	2	-	-
Bingham	603	-	33	10	23	149	199	157	50	14	1	-
Blaine	188	-	8	2	6	23	38	71	37	10	1	-
Boise	61	-	3	2	1	9	19	15	14	1	-	-
Bonner	425	-	24	4	20	97	132	102	60	10	-	-
Bonneville	1,872	-	95	16	79	457	642	460	187	28	3	-
Boundary	121	-	8	3	5	30	36	21	23	2	1	-
Butte	33	-	-	-	-	11	9	6	6	1	-	-
Camas	13	-	1	-	1	3	3	1	4	1	-	-
Canyon	3,057	2	205	41	164	775	1,019	689	302	57	8	-
Caribou	95	-	3	-	3	24	33	22	12	1	-	-
Cassia	392	-	25	7	18	98	140	92	30	7	-	-
Clark	9	-	-	-	-	2	3	3	1	-	-	-
Clearwater	69	-	5	-	5	24	20	16	4	-	-	-
Custer	38	-	1	-	1	5	14	9	8	1	-	-
Elmore	470	-	33	9	24	143	153	91	39	10	1	-
Franklin	191	-	8	3	5	60	53	41	24	5	-	-
Fremont	175	-	12	3	9	62	59	26	13	3	-	-
Gem	195	-	15	1	14	44	57	55	22	2	-	-
Gooding	197	-	15	2	13	46	76	41	15	3	1	-
Idaho	158	-	8	-	8	39	56	39	12	4	-	-
Jefferson	497	-	16	3	13	139	172	115	50	4	1	-
Jerome	364	-	39	8	31	95	101	85	35	9	-	-
Kootenai	1,809	-	80	18	62	386	619	484	192	44	4	-
Latah	450	-	9	1	8	87	176	116	50	11	-	1
Lemhi	78	-	7	-	7	21	17	18	13	2	-	-
Lewis	34	-	1	-	1	9	16	5	2	1	-	-
Lincoln	79	-	7	1	6	25	23	15	7	2	-	-
Madison	1,133	-	16	1	15	551	370	136	48	12	-	-
Minidoka	325	2	28	7	21	108	109	51	25	2	-	-
Nez Perce	467	1	14	2	12	116	186	99	39	10	1	1
Oneida	56	-	4	-	4	10	18	7	13	4	-	-
Owyhee	141	-	5	1	4	47	48	22	15	4	-	-
Payette	314	-	16	4	12	98	89	71	34	5	1	-
Power	114	-	9	2	7	27	35	28	15	-	-	-
Shoshone	142	1	9	-	9	39	54	33	5	1	-	-
Teton	148	-	2	1	1	29	39	52	21	4	1	-
Twin Falls	1,214	1	78	22	56	305	405	256	137	27	5	-
Valley	93	-	3	-	3	14	28	31	15	2	-	-
Washington	107	1	8	1	7	37	35	18	7	1	-	-

IDAHO RESIDENT LIVE BIRTHS
Education of Mother
2017

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	22,159	463	1,945	5,576	8,023	4,666	1,368	118
District 1	2,594	19	210	737	1,027	434	157	10
District 2	1,178	4	77	286	446	280	83	2
District 3	3,845	131	482	1,152	1,424	480	131	45
District 4	5,456	108	374	1,043	1,815	1,434	647	35
District 5	2,772	127	363	715	1,086	376	100	5
District 6	2,364	29	191	964	611	450	102	17
District 7	3,950	45	248	679	1,614	1,212	148	4
Ada	4,832	99	300	892	1,566	1,338	604	33
Adams	31	1	3	9	14	2	2	-
Bannock	1,189	7	83	555	220	244	72	8
Bear Lake	83	-	5	26	32	18	2	-
Benewah	97	4	15	36	34	8	-	-
Bingham	603	13	59	201	202	106	19	3
Blaine	188	9	16	34	61	46	21	1
Boise	61	-	6	19	25	8	3	-
Bonner	425	3	35	140	160	61	24	2
Bonneville	1,872	26	170	407	685	499	84	1
Boundary	121	5	10	56	35	12	-	3
Butte	33	1	3	7	14	7	-	1
Camas	13	-	1	4	3	5	-	-
Canyon	3,057	103	370	911	1,129	396	108	40
Caribou	95	2	8	30	35	19	-	1
Cassia	392	16	43	114	146	58	14	1
Clark	9	-	-	5	4	-	-	-
Clearwater	69	1	8	28	27	5	-	-
Custer	38	2	2	7	14	11	2	-
Elmore	470	8	59	116	199	60	26	2
Franklin	191	2	14	68	77	26	3	1
Fremont	175	5	14	41	67	44	4	-
Gem	195	5	19	56	91	20	4	-
Gooding	197	17	33	56	77	11	3	-
Idaho	158	-	18	53	58	26	3	-
Jefferson	497	9	30	101	211	133	11	2
Jerome	364	26	62	97	144	29	5	1
Kootenai	1,809	5	131	451	750	342	125	5
Latah	450	2	17	76	146	154	54	1
Lemhi	78	-	5	30	25	16	2	-
Lewis	34	1	1	14	13	3	2	-
Lincoln	79	4	11	22	34	6	1	1
Madison	1,133	2	14	66	564	450	37	-
Minidoka	325	8	50	103	123	35	6	-
Nez Perce	467	-	33	115	202	92	24	1
Oneida	56	-	1	21	18	11	5	-
Owyhee	141	4	26	51	41	15	2	2
Payette	314	15	43	90	112	38	14	2
Power	114	4	18	56	13	19	1	3
Shoshone	142	2	19	54	48	11	8	-
Teton	148	1	13	22	44	59	8	1
Twin Falls	1,214	47	147	285	498	186	50	1
Valley	93	1	9	16	25	28	14	-
Washington	107	3	21	35	37	9	1	1

IDAHO RESIDENT LIVE BIRTHS
Attendant at Birth
2017

RESIDENCE	TOTAL LIVE BIRTHS	ATTENDANT AT BIRTH					
		Physician M.D., D.O.	Certified Nurse Midwife	Nurse	Licensed Midwife*	Other or Lay Midwife	Other
IDAHO	22,159	19,062	2,358	-	512	82	145
District 1	2,594	2,004	347	-	178	29	36
District 2	1,178	925	159	-	68	5	21
District 3	3,845	3,396	323	-	65	31	30
District 4	5,456	4,564	780	-	99	4	9
District 5	2,772	2,648	88	-	20	8	8
District 6	2,364	2,145	174	-	25	3	17
District 7	3,950	3,380	487	-	57	2	24
Ada	4,832	3,981	750	-	90	4	7
Adams	31	30	-	-	-	-	1
Bannock	1,189	1,059	112	-	11	-	7
Bear Lake	83	83	-	-	-	-	-
Benewah	97	78	5	-	9	1	4
Bingham	603	549	38	-	12	1	3
Blaine	188	178	4	-	3	2	1
Boise	61	47	10	-	3	-	1
Bonner	425	341	15	-	53	11	5
Bonneville	1,872	1,654	191	-	23	-	4
Boundary	121	101	2	-	17	1	-
Butte	33	28	4	-	1	-	-
Camas	13	10	3	-	-	-	-
Canyon	3,057	2,744	231	-	49	15	18
Caribou	95	91	3	-	-	-	1
Cassia	392	383	3	-	4	-	2
Clark	9	7	1	-	1	-	-
Clearwater	69	59	10	-	-	-	-
Custer	38	37	-	-	-	-	1
Elmore	470	448	18	-	3	-	1
Franklin	191	183	2	-	-	1	5
Fremont	175	145	29	-	-	-	1
Gem	195	168	21	-	4	2	-
Gooding	197	183	10	-	4	-	-
Idaho	158	125	16	-	9	-	8
Jefferson	497	426	58	-	6	-	7
Jerome	364	333	28	-	1	-	2
Kootenai	1,809	1,377	300	-	92	16	24
Latah	450	388	9	-	41	5	7
Lemhi	78	72	3	-	1	1	1
Lewis	34	27	5	-	2	-	-
Lincoln	79	67	11	-	-	1	-
Madison	1,133	920	187	-	20	1	5
Minidoka	325	319	2	-	3	1	-
Nez Perce	467	326	119	-	16	-	6
Oneida	56	49	5	-	1	1	-
Owyhee	141	125	7	-	1	5	3
Payette	314	237	52	-	10	9	6
Power	114	103	10	-	-	-	1
Shoshone	142	107	25	-	7	-	3
Teton	148	119	18	-	6	-	5
Twin Falls	1,214	1,175	27	-	5	4	3
Valley	93	88	2	-	3	-	-
Washington	107	92	12	-	1	-	2

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

IDAHO RESIDENT LIVE BIRTHS
Place of Birth
2017

RESIDENCE	TOTAL LIVE BIRTHS	PLACE OF BIRTH					
		Hospital*	Freestanding Birthing Center	Clinic/Doctor's Office	Home	Other	Not Stated
IDAHO	22,159	21,321	319	-	505	12	2
District 1	2,594	2,375	104	-	114	1	-
District 2	1,178	1,091	12	-	72	1	2
District 3	3,845	3,687	57	-	100	1	-
District 4	5,456	5,245	115	-	94	2	-
District 5	2,772	2,727	6	-	35	4	-
District 6	2,364	2,319	5	-	39	1	-
District 7	3,950	3,877	20	-	51	2	-
Ada	4,832	4,636	108	-	87	1	-
Adams	31	30	-	-	1	-	-
Bannock	1,189	1,172	-	-	16	1	-
Bear Lake	83	83	-	-	-	-	-
Benewah	97	87	-	-	10	-	-
Bingham	603	586	4	-	13	-	-
Blaine	188	180	1	-	7	-	-
Boise	61	54	5	-	1	1	-
Bonner	425	357	43	-	24	1	-
Bonneville	1,872	1,845	4	-	22	1	-
Boundary	121	103	4	-	14	-	-
Butte	33	32	-	-	1	-	-
Camas	13	11	2	-	-	-	-
Canyon	3,057	2,945	48	-	63	1	-
Caribou	95	94	-	-	1	-	-
Cassia	392	384	-	-	6	2	-
Clark	9	8	1	-	-	-	-
Clearwater	69	69	-	-	-	-	-
Custer	38	38	-	-	-	-	-
Elmore	470	465	1	-	4	-	-
Franklin	191	185	-	-	6	-	-
Fremont	175	175	-	-	-	-	-
Gem	195	188	3	-	4	-	-
Gooding	197	192	1	-	3	1	-
Idaho	158	142	3	-	12	-	1
Jefferson	497	484	2	-	11	-	-
Jerome	364	361	-	-	3	-	-
Kootenai	1,809	1,693	53	-	63	-	-
Latah	450	399	8	-	42	1	-
Lemhi	78	75	1	-	2	-	-
Lewis	34	32	1	-	1	-	-
Lincoln	79	77	-	-	2	-	-
Madison	1,133	1,111	11	-	11	-	-
Minidoka	325	321	-	-	4	-	-
Nez Perce	467	449	-	-	17	-	1
Oneida	56	53	1	-	2	-	-
Owyhee	141	132	1	-	8	-	-
Payette	314	289	4	-	21	-	-
Power	114	114	-	-	-	-	-
Shoshone	142	135	4	-	3	-	-
Teton	148	141	1	-	5	1	-
Twin Falls	1,214	1,201	2	-	10	1	-
Valley	93	90	1	-	2	-	-
Washington	107	103	1	-	3	-	-

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

IDAHO RESIDENT LIVE BIRTHS
Birth and Fertility Rates
2016 U.S. and 2017 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	3,945,875		12.2		62.0
IDAHO	22,159	1,716,943	12.9	328,941	67.4
District 1	2,594	234,845	11.0	40,101	64.7
District 2	1,178	108,520	10.9	20,482	57.5
District 3	3,845	283,189	13.6	54,400	70.7
District 4	5,456	501,649	10.9	98,963	55.1
District 5	2,772	196,712	14.1	36,460	76.0
District 6	2,364	172,451	13.7	33,244	71.1
District 7	3,950	219,577	18.0	45,291	87.2
Ada	4,832	456,849	10.6	91,246	53.0
Adams	31	4,147	7.5	506	61.3
Bannock	1,189	85,269	13.9	17,584	67.6
Bear Lake	83	6,028	13.8	1,010	82.2
Benewah	97	9,184	10.6	1,351	71.8
Bingham	603	45,927	13.1	8,603	70.1
Blaine	188	22,024	8.5	3,556	52.9
Boise	61	7,290	8.4	979	62.3
Bonner	425	43,560	9.8	6,570	64.7
Bonneville	1,872	114,595	16.3	22,646	82.7
Boundary	121	11,922	10.1	1,884	64.2
Butte	33	2,602	12.7	375	88.0
Camas	13	1,102	11.8	155	83.9
Canyon	3,057	216,699	14.1	43,582	70.1
Caribou	95	7,034	13.5	1,173	81.0
Cassia	392	23,664	16.6	4,350	90.1
Clark	9	873	10.3	161	55.9
Clearwater	69	8,546	8.1	1,021	67.6
Custer	38	4,172	9.1	558	68.1
Elmore	470	26,823	17.5	5,217	90.1
Franklin	191	13,564	14.1	2,515	75.9
Fremont	175	13,094	13.4	2,274	77.0
Gem	195	17,379	11.2	2,745	71.0
Gooding	197	15,124	13.0	2,564	76.8
Idaho	158	16,369	9.7	2,074	76.2
Jefferson	497	28,446	17.5	5,409	91.9
Jerome	364	23,627	15.4	4,379	83.1
Kootenai	1,809	157,637	11.5	28,400	63.7
Latah	450	39,333	11.4	9,477	47.5
Lemhi	78	7,875	9.9	1,068	73.0
Lewis	34	3,887	8.7	538	63.2
Lincoln	79	5,318	14.9	1,039	76.0
Madison	1,133	39,141	28.9	11,019	102.8
Minidoka	325	20,729	15.7	3,695	88.0
Nez Perce	467	40,385	11.6	7,372	63.3
Oneida	56	4,427	12.6	698	80.2
Owyhee	141	11,628	12.1	2,015	70.0
Payette	314	23,215	13.5	4,051	77.5
Power	114	7,600	15.0	1,286	88.6
Shoshone	142	12,542	11.3	1,896	74.9
Teton	148	11,381	13.0	2,156	68.6
Twin Falls	1,214	85,124	14.3	16,722	72.6
Valley	93	10,687	8.7	1,521	61.1
Washington	107	10,121	10.6	1,501	71.3

1. Population source: United State Census Bureau, July 1, 2017 population estimate, Internet release June 27, 2018.

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 2016 final data, released by the National Vital Statistics Reports, National Center for Health Statistics, Vol. 67/No. 1, January 31, 2018.

IDAHO RESIDENT LIVE BIRTHS
Live Birth Order by Age of Mother
2017

LIVE BIRTH ORDER	TOTAL LIVE BIRTHS	AGE								
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL*	22,159	10	216	889	5,387	7,278	5,428	2,466	445	38
1**	7,578	10	203	738	2,946	2,190	1,056	365	64	5
2	6,435	-	11	133	1,718	2,461	1,477	559	70	6
3	4,172	-	1	16	572	1,682	1,287	527	80	7
4	2,192	-	-	-	112	678	918	411	69	4
5	994	-	-	2	30	197	412	294	57	2
6	412	-	-	-	3	47	183	140	37	2
7	176	-	-	-	-	9	58	77	29	3
8	70	-	-	-	-	2	12	39	13	4
9	39	-	-	-	-	3	9	20	7	-
10-14	54	-	-	-	-	-	6	28	16	4
15+	1	-	-	-	-	-	-	-	1	-
Not Stated***	36	-	1	-	6	9	10	6	2	1

* Total includes two births with maternal age not stated

** Total for live birth order of one includes one birth with maternal age not stated.

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

IDAHO RESIDENT LIVE BIRTHS
Fertility Rates and Birth Rates by Age of Mother
2016 U.S. and 2017 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	22,159	328,941	67.4	62.0
<15 ⁵	10	62,542	0.2	0.2
15-19	1,105	59,434	18.6	20.3
15-17	216	37,010	5.8	8.8
18-19	889	22,424	39.6	37.5
20-24	5,387	53,648	100.4	73.8
25-29	7,278	56,481	128.9	102.1
30-34	5,428	54,400	99.8	102.7
35-39	2,466	55,557	44.4	52.7
40-44	445	49,421	9.0	11.4
45+ ⁶	38	49,647	0.8	0.9
Not Stated	2	-	NA	NA

1. Source: U.S. Census Bureau, July 1, 2017 population estimate, Internet release date June 27, 2018.

2. U.S. rates are based on final 2016 data, released by the National Vital Statistics Reports, National Center for Health Statistics, Vol. 67/No. 1, January 31, 2018.

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
2017

RESIDENCE	TOTAL LIVE BIRTHS	WIC Participation ¹	
		Number	Percent ²
IDAHO	22,159	6,719	30.5%
District 1	2,594	803	31.1
District 2	1,178	332	28.3
District 3	3,845	1,343	35.5
District 4	5,456	1,140	21.1
District 5	2,772	961	34.7
District 6	2,364	842	35.9
District 7	3,950	1,298	32.9
Ada	4,832	962	20.1
Adams	31	7	23.3
Bannock	1,189	409	34.6
Bear Lake	83	29	34.9
Benewah	97	48	50.5
Bingham	603	221	37.0
Blaine	188	39	21.0
Boise	61	8	13.3
Bonner	425	136	32.2
Bonneville	1,872	552	29.6
Boundary	121	51	42.5
Butte	33	10	31.3
Camas	13	1	7.7
Canyon	3,057	1,087	36.2
Caribou	95	32	33.7
Cassia	392	137	35.0
Clark	9	4	44.4
Clearwater	69	29	42.0
Custer	38	12	31.6
Elmore	470	150	32.1
Franklin	191	63	33.2
Fremont	175	66	37.7
Gem	195	55	28.6
Gooding	197	77	39.1
Idaho	158	58	36.9
Jefferson	497	138	27.8
Jerome	364	165	45.5
Kootenai	1,809	510	28.3
Latah	450	79	17.6
Lemhi	78	40	52.6
Lewis	34	12	36.4
Lincoln	79	30	38.0
Madison	1,133	464	41.0
Minidoka	325	120	36.9
Nez Perce	467	154	33.1
Oneida	56	17	31.5
Owyhee	141	57	41.0
Payette	314	94	30.4
Power	114	61	54.0
Shoshone	142	58	41.1
Teton	148	22	14.9
Twin Falls	1,214	392	32.3
Valley	93	20	21.7
Washington	107	43	40.6

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
2017

RESIDENCE	TOTAL LIVE BIRTHS	Breastfed	
		Number	Percent ²
IDAHO	22,159	20,362	92.3%
District 1	2,594	2,339	90.7
District 2	1,178	1,098	93.5
District 3	3,845	3,484	91.4
District 4	5,456	5,195	95.5
District 5	2,772	2,514	91.0
District 6	2,364	2,063	87.6
District 7	3,950	3,669	93.0
Ada	4,832	4,611	95.7
Adams	31	28	90.3
Bannock	1,189	1,032	87.2
Bear Lake	83	71	85.5
Benewah	97	88	91.7
Bingham	603	536	89.3
Blaine	188	182	97.3
Boise	61	55	90.2
Bonner	425	406	95.8
Bonneville	1,872	1,700	90.8
Boundary	121	114	94.2
Butte	33	32	97.0
Camas	13	12	92.3
Canyon	3,057	2,778	91.6
Caribou	95	86	90.5
Cassia	392	348	88.8
Clark	9	8	88.9
Clearwater	69	63	91.3
Custer	38	34	91.9
Elmore	470	440	93.8
Franklin	191	165	86.4
Fremont	175	157	89.7
Gem	195	180	92.8
Gooding	197	182	92.9
Idaho	158	147	93.6
Jefferson	497	460	92.9
Jerome	364	326	89.8
Kootenai	1,809	1,610	89.6
Latah	450	422	94.0
Lemhi	78	73	93.6
Lewis	34	31	91.2
Lincoln	79	72	91.1
Madison	1,133	1,095	96.6
Minidoka	325	287	88.3
Nez Perce	467	435	93.5
Oneida	56	46	82.1
Owyhee	141	128	92.1
Payette	314	281	90.6
Power	114	95	83.3
Shoshone	142	121	85.2
Teton	148	142	95.9
Twin Falls	1,214	1,105	91.4
Valley	93	89	95.7
Washington	107	89	85.6

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

PRENATAL CARE

Measurement of Prenatal Care

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

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

PERCENT BEGINNING PRENATAL CARE IN THE FIRST TRIMESTER BASED ON OBSTETRIC ESTIMATE OF GESTATION	
Idaho, 2013	76.0%
Idaho, 2014	74.2%
Idaho, 2015	75.8%
Idaho, 2016	77.7%
Idaho, 2017	78.3%

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
2017

	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	22,159	17,182	78.3%	3,797	17.3%	780	3.6%	194	0.9%	206
Mother's Age										
<15	10	4	40.0	4	40.0	2	20.0	-	-	-
15-19	1,105	774	70.8	246	22.5	64	5.9	9	0.8	12
15-17	216	140	65.7	55	25.8	16	7.5	2	0.9	3
18-19	889	634	72.0	191	21.7	48	5.5	7	0.8	9
20-24	5,387	3,992	74.8	1,060	19.9	225	4.2	62	1.2	48
25-29	7,278	5,817	80.6	1,120	15.5	223	3.1	54	0.7	64
30-34	5,428	4,302	79.9	875	16.3	164	3.0	42	0.8	45
35-39	2,466	1,940	79.6	397	16.3	80	3.3	21	0.9	28
40-44	445	325	74.2	87	19.9	20	4.6	6	1.4	7
45+	38	28	73.7	8	21.1	2	5.3	-	-	-
Age not stated	2	-	NA	-	NA	-	NA	-	NA	2
Race/Ethnicity¹										
White	19,524	15,386	79.5	3,201	16.5	606	3.1	153	0.8	178
Black	332	216	65.3	91	27.5	23	6.9	1	0.3	1
American Indian	378	213	58.4	93	25.5	46	12.6	13	3.6	13
Asian/Pacific Islander	471	367	78.6	63	13.5	30	6.4	7	1.5	4
Other race/multiple race	1,375	950	69.4	330	24.1	71	5.2	17	1.2	7
Race not stated	79	50	NA	19	NA	4	NA	3	NA	3
Non-Hispanic	18,563	14,598	79.4	3,023	16.4	607	3.3	164	0.9	171
Hispanic	3,596	2,584	72.6	774	21.7	173	4.9	30	0.8	35
Ethnicity not stated	-	-	NA	-	NA	-	NA	-	NA	-
Mother's Education										
Did not graduate high school	2,408	1,586	66.6	587	24.6	157	6.6	53	2.2	25
Graduated high school	19,633	15,531	79.8	3,176	16.3	615	3.2	135	0.7	176
Education not stated	118	65	NA	34	NA	8	NA	6	NA	5
Payment Source²										
Private Insurance	11,872	9,971	84.5	1,552	13.2	252	2.1	19	0.2	78
Medicaid	8,195	5,832	71.9	1,780	21.9	423	5.2	76	0.9	84
Self Pay	1,268	775	62.1	361	28.9	78	6.3	33	2.6	21
Other Government	588	486	84.1	73	12.6	18	3.1	1	0.2	10
Not applicable/none/other	211	106	51.5	28	13.6	8	3.9	64	31.1	5
Payment source not stated	25	12	NA	3	NA	1	NA	1	NA	8
Cigarette Smoking³										
Yes	1,937	1,320	68.9	427	22.3	118	6.2	50	2.6	22
No	20,176	15,845	79.2	3,361	16.8	657	3.3	140	0.7	173
Smoking status not stated	46	17	NA	9	NA	5	NA	4	NA	11
Parity⁴										
High for age	808	496	62.1	218	27.3	51	6.4	34	4.3	9
Not high for age	21,314	16,678	78.9	3,575	16.9	728	3.4	157	0.7	176
Parity not stated	37	8	NA	4	NA	1	NA	3	NA	21

1. Other race includes 23 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
2017

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	22,159	17,182	78.3%	3,797	17.3%	780	3.6%	194	0.9%	206
District 1	2,594	2,046	80.1	414	16.2	78	3.1	16	0.6	40
District 2	1,178	926	79.7	193	16.6	26	2.2	17	1.5	16
District 3	3,845	2,814	74.0	740	19.5	164	4.3	83	2.2	44
District 4	5,456	4,555	84.3	687	12.7	139	2.6	22	0.4	53
District 5	2,772	2,252	81.7	412	15.0	72	2.6	19	0.7	17
District 6	2,364	1,706	72.9	511	21.8	94	4.0	28	1.2	25
District 7	3,950	2,883	73.2	840	21.3	207	5.3	9	0.2	11
Ada	4,832	4,059	84.8	596	12.5	111	2.3	20	0.4	46
Adams	31	22	75.9	4	13.8	1	3.4	2	6.9	2
Bannock	1,189	858	72.7	253	21.4	57	4.8	12	1.0	9
Bear Lake	83	70	84.3	12	14.5	-	-	1	1.2	-
Benewah	97	63	70.8	21	23.6	3	3.4	2	2.2	8
Bingham	603	416	69.4	153	25.5	22	3.7	8	1.3	4
Blaine	188	163	86.7	17	9.0	6	3.2	2	1.1	-
Boise	61	50	83.3	8	13.3	2	3.3	-	-	1
Bonner	425	319	76.1	82	19.6	16	3.8	2	0.5	6
Bonneville	1,872	1,387	74.2	391	20.9	89	4.8	3	0.2	2
Boundary	121	87	74.4	25	21.4	5	4.3	-	-	4
Butte	33	25	75.8	6	18.2	2	6.1	-	-	-
Camas	13	11	84.6	2	15.4	-	-	-	-	-
Canyon	3,057	2,283	75.4	574	19.0	121	4.0	50	1.7	29
Caribou	95	69	73.4	21	22.3	4	4.3	-	-	1
Cassia	392	299	77.1	72	18.6	15	3.9	2	0.5	4
Clark	9	6	66.7	2	22.2	1	11.1	-	-	-
Clearwater	69	50	73.5	15	22.1	3	4.4	-	-	1
Custer	38	29	76.3	7	18.4	1	2.6	1	2.6	-
Elmore	470	370	79.7	70	15.1	22	4.7	2	0.4	6
Franklin	191	147	80.8	25	13.7	3	1.6	7	3.8	9
Fremont	175	120	69.0	41	23.6	13	7.5	-	-	1
Gem	195	146	77.7	34	18.1	6	3.2	2	1.1	7
Gooding	197	155	79.1	37	18.9	3	1.5	1	0.5	1
Idaho	158	100	63.3	45	28.5	7	4.4	6	3.8	-
Jefferson	497	358	72.5	117	23.7	17	3.4	2	0.4	3
Jerome	364	299	83.1	49	13.6	7	1.9	5	1.4	4
Kootenai	1,809	1,467	82.0	264	14.8	47	2.6	10	0.6	21
Latah	450	359	81.8	70	15.9	3	0.7	7	1.6	11
Lemhi	78	65	84.4	11	14.3	1	1.3	-	-	1
Lewis	34	23	69.7	9	27.3	1	3.0	-	-	1
Lincoln	79	65	82.3	10	12.7	2	2.5	2	2.5	-
Madison	1,133	809	71.7	242	21.4	76	6.7	2	0.2	4
Minidoka	325	241	75.3	66	20.6	12	3.8	1	0.3	5
Nez Perce	467	394	84.9	54	11.6	12	2.6	4	0.9	3
Oneida	56	44	81.5	9	16.7	1	1.9	-	-	2
Owyhee	141	82	58.6	40	28.6	9	6.4	9	6.4	1
Payette	314	214	69.3	67	21.7	13	4.2	15	4.9	5
Power	114	77	67.5	32	28.1	5	4.4	-	-	-
Shoshone	142	110	78.0	22	15.6	7	5.0	2	1.4	1
Teton	148	109	73.6	29	19.6	9	6.1	1	0.7	-
Twin Falls	1,214	1,019	84.1	159	13.1	27	2.2	6	0.5	3
Valley	93	76	81.7	13	14.0	4	4.3	-	-	-
Washington	107	67	62.6	21	19.6	14	13.1	5	4.7	-

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
2017

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	22,159	7,992	36.5%	9,699	44.3%	1,560	7.1%	2,452	11.2%	194	0.9%	262
District 1	2,594	1,080	42.4	1,051	41.3	135	5.3	265	10.4	16	0.6	47
District 2	1,178	354	30.5	606	52.2	81	7.0	102	8.8	17	1.5	18
District 3	3,845	1,180	31.2	1,666	44.1	319	8.4	533	14.1	83	2.2	64
District 4	5,456	2,098	38.9	2,549	47.3	294	5.5	427	7.9	22	0.4	66
District 5	2,772	936	34.0	1,376	50.0	175	6.4	248	9.0	19	0.7	18
District 6	2,364	898	38.5	964	41.4	138	5.9	303	13.0	28	1.2	33
District 7	3,950	1,446	36.8	1,487	37.8	418	10.6	574	14.6	9	0.2	16
Ada	4,832	1,876	39.3	2,266	47.5	249	5.2	362	7.6	20	0.4	59
Adams	31	11	37.9	11	37.9	1	3.4	4	13.8	2	6.9	2
Bannock	1,189	474	40.4	454	38.7	73	6.2	161	13.7	12	1.0	15
Bear Lake	83	25	30.1	48	57.8	4	4.8	5	6.0	1	1.2	-
Benewah	97	28	31.5	38	42.7	8	9.0	13	14.6	2	2.2	8
Bingham	603	215	36.0	263	44.1	28	4.7	83	13.9	8	1.3	6
Blaine	188	94	50.0	76	40.4	5	2.7	11	5.9	2	1.1	-
Boise	61	27	45.0	27	45.0	3	5.0	3	5.0	-	-	1
Bonner	425	138	32.9	167	39.9	56	13.4	56	13.4	2	0.5	6
Bonneville	1,872	885	47.4	688	36.9	61	3.3	230	12.3	3	0.2	5
Boundary	121	41	35.0	46	39.3	16	13.7	14	12.0	-	-	4
Butte	33	9	27.3	17	51.5	3	9.1	4	12.1	-	-	-
Camas	13	4	30.8	6	46.2	2	15.4	1	7.7	-	-	-
Canyon	3,057	948	31.5	1,333	44.3	261	8.7	416	13.8	50	1.7	49
Caribou	95	37	39.4	30	31.9	11	11.7	16	17.0	-	-	1
Cassia	392	158	40.7	168	43.3	18	4.6	42	10.8	2	0.5	4
Clark	9	5	55.6	-	-	1	11.1	3	33.3	-	-	-
Clearwater	69	23	34.3	26	38.8	11	16.4	7	10.4	-	-	2
Custer	38	12	31.6	16	42.1	6	15.8	3	7.9	1	2.6	-
Elmore	470	179	38.6	192	41.4	38	8.2	53	11.4	2	0.4	6
Franklin	191	68	37.4	88	48.4	8	4.4	11	6.0	7	3.8	9
Fremont	175	50	28.9	61	35.3	27	15.6	35	20.2	-	-	2
Gem	195	64	34.0	89	47.3	15	8.0	18	9.6	2	1.1	7
Gooding	197	51	26.0	109	55.6	14	7.1	21	10.7	1	0.5	1
Idaho	158	28	17.7	84	53.2	11	7.0	29	18.4	6	3.8	-
Jefferson	497	198	40.1	170	34.4	55	11.1	69	14.0	2	0.4	3
Jerome	364	91	25.3	203	56.4	30	8.3	31	8.6	5	1.4	4
Kootenai	1,809	814	45.7	741	41.6	51	2.9	165	9.3	10	0.6	28
Latah	450	117	26.7	250	56.9	34	7.7	31	7.1	7	1.6	11
Lemhi	78	41	53.2	26	33.8	4	5.2	6	7.8	-	-	1
Lewis	34	8	24.2	15	45.5	3	9.1	7	21.2	-	-	1
Lincoln	79	24	30.4	41	51.9	9	11.4	3	3.8	2	2.5	-
Madison	1,133	224	19.9	455	40.3	242	21.5	205	18.2	2	0.2	5
Minidoka	325	137	42.8	122	38.1	17	5.3	43	13.4	1	0.3	5
Nez Perce	467	178	38.4	231	49.9	22	4.8	28	6.0	4	0.9	4
Oneida	56	18	33.3	28	51.9	5	9.3	3	5.6	-	-	2
Owyhee	141	35	25.0	56	40.0	12	8.6	28	20.0	9	6.4	1
Payette	314	94	30.4	139	45.0	20	6.5	41	13.3	15	4.9	5
Power	114	52	45.6	36	31.6	6	5.3	20	17.5	-	-	-
Shoshone	142	59	41.8	59	41.8	4	2.8	17	12.1	2	1.4	1
Teton	148	31	20.9	71	48.0	22	14.9	23	15.5	1	0.7	-
Twin Falls	1,214	377	31.2	651	53.8	80	6.6	96	7.9	6	0.5	4
Valley	93	16	17.2	64	68.8	4	4.3	9	9.7	-	-	-
Washington	107	28	26.2	38	35.5	10	9.3	26	24.3	5	4.7	-

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
2016 U.S. and 2017 Idaho

RESIDENCE	TOTAL LIVE BIRTHS	LOW BIRTHWEIGHT LIVE BIRTHS						2,500+ Grams
		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	3,945,875		8.2%		1.4%		6.8%	3,619,518
IDAHO	22,159	1,552	7.0%	240	1.1%	1,312	5.9%	20,607
District 1	2,594	144	5.6	22	0.8	122	4.7	2,450
District 2	1,178	64	5.4	8	0.7	56	4.8	1,114
District 3	3,845	289	7.5	48	1.2	241	6.3	3,556
District 4	5,456	365	6.7	54	1.0	311	5.7	5,091
District 5	2,772	197	7.1	31	1.1	166	6.0	2,575
District 6	2,364	198	8.4	32	1.4	166	7.0	2,166
District 7	3,950	295	7.5	45	1.1	250	6.3	3,655
Ada	4,832	323	6.7	45	0.9	278	5.8	4,509
Adams	31	4	12.9	1	3.2	3	9.7	27
Bannock	1,189	112	9.4	15	1.3	97	8.2	1,077
Bear Lake	83	4	4.8	1	1.2	3	3.6	79
Benewah	97	6	6.2	1	1.0	5	5.2	91
Bingham	603	47	7.8	12	2.0	35	5.8	556
Blaine	188	13	6.9	1	0.5	12	6.4	175
Boise	61	5	8.2	1	1.6	4	6.6	56
Bonner	425	25	5.9	4	0.9	21	4.9	400
Bonneville	1,872	158	8.4	25	1.3	133	7.1	1,714
Boundary	121	5	4.1	2	1.7	3	2.5	116
Butte	33	1	3.0	-	-	1	3.0	32
Camas	13	-	-	-	-	-	-	13
Canyon	3,057	237	7.8	37	1.2	200	6.5	2,820
Caribou	95	4	4.2	3	3.2	1	1.1	91
Cassia	392	32	8.2	7	1.8	25	6.4	360
Clark	9	2	22.2	-	-	2	22.2	7
Clearwater	69	4	5.8	-	-	4	5.8	65
Custer	38	1	2.6	-	-	1	2.6	37
Elmore	470	36	7.7	7	1.5	29	6.2	434
Franklin	191	21	11.0	1	0.5	20	10.5	170
Fremont	175	11	6.3	1	0.6	10	5.7	164
Gem	195	16	8.2	1	0.5	15	7.7	179
Gooding	197	13	6.6	3	1.5	10	5.1	184
Idaho	158	8	5.1	1	0.6	7	4.4	150
Jefferson	497	41	8.2	6	1.2	35	7.0	456
Jerome	364	23	6.3	4	1.1	19	5.2	341
Kootenai	1,809	104	5.7	15	0.8	89	4.9	1,705
Latah	450	19	4.2	1	0.2	18	4.0	431
Lemhi	78	7	9.0	2	2.6	5	6.4	71
Lewis	34	3	8.8	2	5.9	1	2.9	31
Lincoln	79	4	5.1	1	1.3	3	3.8	75
Madison	1,133	65	5.7	11	1.0	54	4.8	1,068
Minidoka	325	24	7.4	4	1.2	20	6.2	301
Nez Perce	467	30	6.4	4	0.9	26	5.6	437
Oneida	56	2	3.6	-	-	2	3.6	54
Owyhee	141	8	5.7	3	2.1	5	3.5	133
Payette	314	15	4.8	4	1.3	11	3.5	299
Power	114	7	6.1	-	-	7	6.1	107
Shoshone	142	4	2.8	-	-	4	2.8	138
Teton	148	10	6.8	-	-	10	6.8	138
Twin Falls	1,214	88	7.2	11	0.9	77	6.3	1,126
Valley	93	1	1.1	1	1.1	-	-	92
Washington	107	9	8.4	2	1.9	7	6.5	98

1. U.S. low birthweight birth percentages are based on 2016 final data, released by the National Vital Statistics Reports, National Center for Health Statistics, Vol. 67/No. 1, January 31, 2018.

2. Percentages are based on records with stated birthweight.

IDAHO RESIDENT LOW BIRTHWEIGHT LIVE BIRTHS
Race and Ethnicity of Mother
2017

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)	1,552	7.0%	1,328 6.8%	25 7.5%	32 8.5%	43 9.1%	116 8.4%	8 NA	1,264 6.8%	288 8.0%
District 1	144	5.6	133	-	5	1	5	-	136	8
District 2	64	5.4	51	2	6	1	3	1	59	5
District 3	289	7.5	251	-	2	7	26	3	204	85
District 4	365	6.7	311	18	-	23	11	2	321	44
District 5	197	7.1	157	2	1	4	32	1	116	81
District 6	198	8.4	162	1	16	3	15	1	181	17
District 7	295	7.5	263	2	2	4	24	-	247	48
Ada	323	6.7	273	17	-	22	9	2	286	37
Adams	4	12.9	4	-	-	-	-	-	4	-
Bannock	112	9.4	90	1	8	3	10	-	100	12
Bear Lake	4	4.8	4	-	-	-	-	-	4	-
Benewah	6	6.2	4	-	1	-	1	-	5	1
Bingham	47	7.8	35	-	8	-	4	-	45	2
Blaine	13	6.9	11	-	-	-	1	1	6	7
Boise	5	8.2	5	-	-	-	-	-	5	-
Bonner	25	5.9	25	-	-	-	-	-	22	3
Bonneville	158	8.4	141	1	-	1	15	-	133	25
Boundary	5	4.1	5	-	-	-	-	-	5	-
Butte	1	3.0	1	-	-	-	-	-	1	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	237	7.8	204	-	1	5	25	2	164	73
Caribou	4	4.2	3	-	-	-	-	1	4	-
Cassia	32	8.2	28	-	-	-	4	-	19	13
Clark	2	22.2	2	-	-	-	-	-	-	2
Clearwater	4	5.8	4	-	-	-	-	-	4	-
Custer	1	2.6	1	-	-	-	-	-	1	-
Elmore	36	7.7	32	1	-	1	2	-	29	7
Franklin	21	11.0	20	-	-	-	1	-	19	2
Fremont	11	6.3	9	-	1	-	1	-	8	3
Gem	16	8.2	14	-	-	2	-	-	14	2
Gooding	13	6.6	6	-	-	-	7	-	5	8
Idaho	8	5.1	8	-	-	-	-	-	8	-
Jefferson	41	8.2	35	-	-	1	5	-	34	7
Jerome	23	6.3	16	-	-	-	7	-	9	14
Kootenai	104	5.7	95	-	4	1	4	-	100	4
Latah	19	4.2	18	-	-	1	-	-	17	2
Lemhi	7	9.0	6	1	-	-	-	-	7	-
Lewis	3	8.8	2	-	1	-	-	-	3	-
Lincoln	4	5.1	3	-	-	-	1	-	2	2
Madison	65	5.7	60	-	1	1	3	-	56	9
Minidoka	24	7.4	22	-	-	1	1	-	15	9
Nez Perce	30	6.4	19	2	5	-	3	1	27	3
Oneida	2	3.6	2	-	-	-	-	-	1	1
Owyhee	8	5.7	8	-	-	-	-	-	7	1
Payette	15	4.8	13	-	1	-	1	-	8	7
Power	7	6.1	7	-	-	-	-	-	7	-
Shoshone	4	2.8	4	-	-	-	-	-	4	-
Teton	10	6.8	9	-	-	1	-	-	8	2
Twin Falls	88	7.2	71	2	1	3	11	-	60	28
Valley	1	1.1	1	-	-	-	-	-	1	-
Washington	9	8.4	8	-	-	-	-	1	7	2

1. Percentages are based on records with stated birthweight.

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

IDAHO RESIDENT LOW BIRTHWEIGHT LIVE BIRTHS
Age of Mother
2017

RESIDENCE	TOTAL LOW BIRTHWEIGHT	AGE									
		<15	15-19			20-24	25-29	30-34	35-39	40-44	45+
			Total	15-17	18-19						
IDAHO*	1,552	1	101	27	74	389	444	362	199	47	8
(Percent ¹)	7.0%	10.0%	9.1%	12.5%	8.3%	7.2%	6.1%	6.7%	8.1%	10.6%	21.1%
District 1	144	-	11	5	6	29	47	34	13	9	1
District 2*	64	1	1	-	1	17	15	20	7	2	-
District 3	289	-	23	3	20	72	82	65	40	6	1
District 4	365	-	18	3	15	70	105	104	55	10	3
District 5	197	-	20	11	9	49	54	30	32	10	2
District 6	198	-	12	2	10	54	58	38	33	3	-
District 7	295	-	16	3	13	98	83	71	19	7	1
Ada	323	-	14	3	11	57	93	94	52	10	3
Adams	4	-	-	-	-	3	-	1	-	-	-
Bannock	112	-	7	-	7	31	35	19	19	1	-
Bear Lake	4	-	-	-	-	-	1	3	-	-	-
Benewah	6	-	-	-	-	3	2	1	-	-	-
Bingham	47	-	1	1	-	19	9	12	5	1	-
Blaine	13	-	1	1	-	2	3	2	3	2	-
Boise	5	-	-	-	-	1	3	1	-	-	-
Bonner	25	-	5	2	3	5	7	5	1	2	-
Bonneville	158	-	11	2	9	49	41	43	11	3	-
Boundary	5	-	1	-	1	2	-	1	1	-	-
Butte	1	-	-	-	-	1	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-	-
Canyon	237	-	16	3	13	51	74	54	36	5	1
Caribou	4	-	1	-	1	-	2	-	1	-	-
Cassia	32	-	3	2	1	8	11	6	2	2	-
Clark	2	-	-	-	-	-	2	-	-	-	-
Clearwater	4	-	-	-	-	2	-	1	1	-	-
Custer	1	-	-	-	-	-	1	-	-	-	-
Elmore	36	-	3	-	3	12	9	9	3	-	-
Franklin	21	-	2	1	1	2	8	3	6	-	-
Fremont	11	-	1	1	-	2	5	2	-	1	-
Gem	16	-	5	-	5	4	2	4	1	-	-
Gooding	13	-	3	1	2	1	6	1	1	1	-
Idaho	8	-	1	-	1	4	-	2	1	-	-
Jefferson	41	-	1	-	1	14	11	11	3	-	1
Jerome	23	-	2	1	1	5	6	7	1	2	-
Kootenai	104	-	4	3	1	19	35	27	11	7	1
Latah	19	-	-	-	-	3	3	10	2	1	-
Lemhi	7	-	1	-	1	2	-	1	2	1	-
Lewis	3	-	-	-	-	2	-	1	-	-	-
Lincoln	4	-	1	-	1	-	-	-	2	1	-
Madison	65	-	2	-	2	29	20	10	3	1	-
Minidoka	24	-	5	2	3	7	5	5	2	-	-
Nez Perce*	30	1	-	-	-	6	12	6	3	1	-
Oneida	2	-	-	-	-	-	-	-	1	1	-
Owyhee	8	-	-	-	-	2	3	3	-	-	-
Payette	15	-	2	-	2	7	3	2	1	-	-
Power	7	-	1	-	1	1	3	1	1	-	-
Shoshone	4	-	1	-	1	-	3	-	-	-	-
Teton	10	-	-	-	-	2	3	4	-	1	-
Twin Falls	88	-	5	4	1	26	23	9	21	2	2
Valley	1	-	1	-	1	-	-	-	-	-	-
Washington	9	-	-	-	-	5	-	1	2	1	-

1. Percentages are based on records with stated birthweight.

* There is one birth with maternal age not stated on the birth record.

IDAHO RESIDENT LOW BIRTHWEIGHT LIVE BIRTHS
Live Birth Order by Age of Mother
2017

LIVE BIRTH ORDER	TOTAL	AGE								
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL*	1,552	1	27	74	389	444	362	199	47	8
1	578	1	21	55	214	149	95	34	7	2
2	403	-	5	14	110	128	92	45	7	2
3	249	-	-	4	43	90	64	38	9	1
4	161	-	-	-	14	46	59	32	9	1
5	88	-	-	1	7	22	21	29	8	-
6	36	-	-	-	1	4	23	7	1	-
7	11	-	-	-	-	2	3	5	1	-
8	2	-	-	-	-	-	-	1	1	-
9	5	-	-	-	-	-	3	1	1	-
10-14	8	-	-	-	-	-	-	5	1	2
15+	-	-	-	-	-	-	-	-	-	-
Not Stated*	11	-	1	-	-	3	2	2	2	-

* Includes one birth with maternal age not stated

IDAHO RESIDENT LOW BIRTHWEIGHT LIVE BIRTHS
Number and Percentage of Low Birthweight Births by Age of Mother
2016 U.S. and 2017 Idaho

AGE GROUP	IDAHO			U.S. ¹
	Total Live Births	Low Birthweight Live Births	Percent Low Birthweight	Percent Low Birthweight
TOTAL	22,159	1,552	7.0%	8.2%
<15	10	1	10.0	11.5
15-19	1,105	101	9.1	9.9
15-17	216	27	12.5	10.1
18-19	889	74	8.3	9.8
20-24	5,387	389	7.2	8.5
25-29	7,278	444	6.1	7.6
30-34	5,428	362	6.7	7.5
35-39	2,466	199	8.1	8.8
40-44	445	47	10.6	10.9
45+	38	8	21.1	18.8
Not Stated	2	1	NA	NA

1. U.S. low birthweight birth percentages (total and age groups <15, 15-19, 20-24, 25-29, 30-34, 35-39, 40-44, and 45+) are based on final 2016 data, released by the National Vital Statistics Reports, National Center for Health Statistics (NCHS), Vol. 67/No. 1, January 31, 2018. U.S. low birthweight birth percentages (age groups 15-17 and 18-19) are based on 2016 data taken from the Center for Disease Control and Prevention, NCHS WONDER Online Database, Natality public-use data 2007-2016, August 2018 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
2017

GESTATIONAL AGE ¹	TOTAL LIVE BIRTHS	BIRTHWEIGHT									
		Total Low Birthweight (< 2,500 Grams)		Very Low (< 1,500 Grams)		Moderately Low (1,500-2,499 Grams)		Normal (2,500-3,999 Grams)		Heavy (4,000+ Grams)	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TOTAL	22,159	1,552	7.0%	240	1.1%	1,312	5.9%	18,753	84.6%	1,854	8.4%
Preterm (< 37 weeks)	1,939	1,078	55.6	229	11.8	849	43.8	851	43.9	10	0.5
Under 32 weeks	273	268	98.2	195	71.4	73	26.7	5	1.8	-	-
32-33 weeks	233	214	91.8	24	10.3	190	81.5	17	7.3	2	0.9
34-36 weeks	1,433	596	41.6	10	0.7	586	40.9	829	57.9	8	0.6
Term (37-41 weeks)	20,104	470	2.3	9	0.0	461	2.3	17,818	88.6	1,816	9.0
37-38 weeks	5,386	361	6.7	3	0.1	358	6.6	4,832	89.7	193	3.6
39-41 weeks	14,718	109	0.7	6	0.0	103	0.7	12,986	88.2	1,623	11.0
Postterm (42+ weeks)	78	-	-	-	-	-	-	54	69.2	24	30.8
Not Stated	38	4	NA	2	NA	2	NA	30	NA	4	NA

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
2017

CIGARETTE SMOKING DURING PREGNANCY	TOTAL LIVE BIRTHS	BIRTHWEIGHT									
		Total Low Birthweight (< 2,500 Grams)		Very Low (< 1,500 Grams)		Moderately Low (1,500-2,499 Grams)		Normal (2,500-3,999 Grams)		Heavy (4,000+ Grams)	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TOTAL	22,159	1,552	7.0%	240	1.1%	1,312	5.9%	18,753	84.6%	1,854	8.4%
Yes	1,937	211	10.9	31	1.6	180	9.3	1,641	84.7	85	4.4
No	20,176	1,331	6.6	207	1.0	1,124	5.6	17,077	84.6	1,768	8.8
Not Stated	46	10	NA	2	NA	8	NA	35	NA	1	NA

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

IDAHO RESIDENT LIVE BIRTHS
Gestational Age
2016 U.S. and 2017 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	3,945,875		9.9%		90.1%	2,491
IDAHO	22,159	1,939	8.8%	20,182	91.2%	38
District 1	2,594	189	7.3	2,401	92.7	4
District 2	1,178	84	7.1	1,091	92.9	3
District 3	3,845	385	10.1	3,434	89.9	26
District 4	5,456	438	8.0	5,017	92.0	1
District 5	2,772	255	9.2	2,516	90.8	1
District 6	2,364	242	10.2	2,121	89.8	1
District 7	3,950	346	8.8	3,602	91.2	2
Ada	4,832	387	8.0	4,444	92.0	1
Adams	31	6	19.4	25	80.6	-
Bannock	1,189	126	10.6	1,063	89.4	-
Bear Lake	83	8	9.6	75	90.4	-
Benewah	97	7	7.2	90	92.8	-
Bingham	603	65	10.8	538	89.2	-
Blaine	188	17	9.0	171	91.0	-
Boise	61	8	13.1	53	86.9	-
Bonner	425	24	5.6	401	94.4	-
Bonneville	1,872	193	10.3	1,679	89.7	-
Boundary	121	11	9.1	110	90.9	-
Butte	33	-	-	33	100.0	-
Camas	13	-	-	13	100.0	-
Canyon	3,057	312	10.3	2,728	89.7	17
Caribou	95	5	5.3	90	94.7	-
Cassia	392	37	9.5	354	90.5	1
Clark	9	2	22.2	7	77.8	-
Clearwater	69	4	5.8	65	94.2	-
Custer	38	1	2.6	37	97.4	-
Elmore	470	42	8.9	428	91.1	-
Franklin	191	22	11.5	169	88.5	-
Fremont	175	12	6.9	163	93.1	-
Gem	195	18	9.3	176	90.7	1
Gooding	197	17	8.6	180	91.4	-
Idaho	158	8	5.1	150	94.9	-
Jefferson	497	46	9.3	449	90.7	2
Jerome	364	36	9.9	328	90.1	-
Kootenai	1,809	140	7.8	1,665	92.2	4
Latah	450	26	5.8	422	94.2	2
Lemhi	78	5	6.4	73	93.6	-
Lewis	34	3	8.8	31	91.2	-
Lincoln	79	8	10.1	71	89.9	-
Madison	1,133	75	6.6	1,058	93.4	-
Minidoka	325	31	9.5	294	90.5	-
Nez Perce	467	43	9.2	423	90.8	1
Oneida	56	4	7.3	51	92.7	1
Owyhee	141	9	6.7	126	93.3	6
Payette	314	27	8.7	285	91.3	2
Power	114	12	10.5	102	89.5	-
Shoshone	142	7	4.9	135	95.1	-
Teton	148	12	8.1	136	91.9	-
Twin Falls	1,214	109	9.0	1,105	91.0	-
Valley	93	1	1.1	92	98.9	-
Washington	107	13	12.1	94	87.9	-

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 2016 data, released by the National Vital Statistics Reports, National Center for Health Statistics, Vol. 67/No. 1, January 31, 2018. Percentages based on records with stated gestational age.

**IDAHO RESIDENT LIVE BIRTHS
Number and Percent of Births by Plurality
2017**

RESIDENCE	PLURALITY*					
	Single		Twin		Triplet/+ ¹	
	Number	Percent	Number	Percent	Number	Percent
IDAHO	21,464	96.9%	682	3.1%	12	0.1%
District 1	2,540	97.9	54	2.1	-	-
District 2*	1,143	97.1	34	2.9	-	-
District 3	3,703	96.3	136	3.5	6	0.2
District 4	5,272	96.6	178	3.3	6	0.1
District 5	2,679	96.6	93	3.4	-	-
District 6	2,301	97.3	63	2.7	-	-
District 7	3,826	96.9	124	3.1	-	-

**IDAHO RESIDENT LIVE BIRTHS
Number and Percent of Births by Plurality by Gestational Age
2017**

GESTATIONAL AGE ²	PLURALITY*					
	Single		Twin		Triplet/+ ¹	
	Number	Percent	Number	Percent	Number	Percent
TOTAL	21,464	100.0%	682	100.0%	12	100.0%
<37 Completed weeks gestation (Preterm births)	1,486	6.9	441	64.7	12	100.0
37+ Completed weeks gestation (Term births)	19,941	93.1	241	35.3	-	-
Gestational age not stated*	37	NA	-	NA	-	NA

**IDAHO RESIDENT LIVE BIRTHS
Number and Percent of Births by Plurality by Birthweight
2017**

BIRTHWEIGHT	PLURALITY*					
	Single		Twin		Triplet/+ ¹	
	Number	Percent	Number	Percent	Number	Percent
TOTAL	21,464	100.0%	682	100.0%	12	100.0%
Total low birthweight	1,154	5.4	385	56.5	12	100.0
<1,500 grams*	173	0.8	65	9.5	1	8.3
1,500 - 2,499 grams	981	4.6	320	46.9	11	91.7
2,500+ grams	20,310	94.6	297	43.5	-	-
Birthweight not stated	-	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.

* There is one birth that had plurality not stated on the birth record.

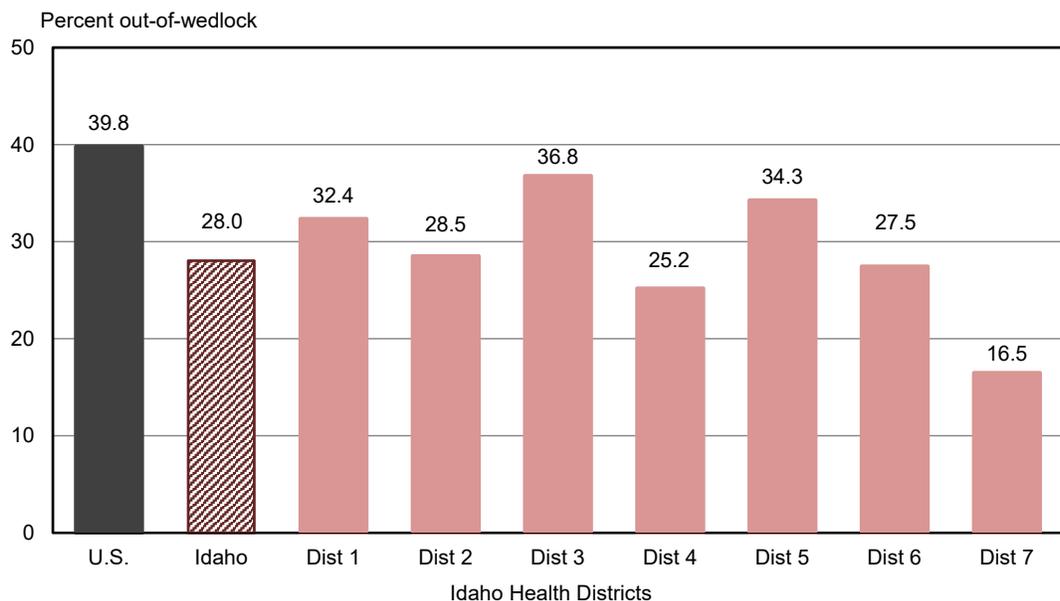
OUT-OF-WEDLOCK BIRTHS

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 2017. In the past year, the number of out-of-wedlock births increased by 20 (0.3 percent) from 6,184 in 2016 to 6,204 in 2017.

The U.S.² 2016 total percent of out-of-wedlock births (39.8) was nearly 1.5 times greater than Idaho's 2017 total percent (28.0). From 2016 to 2017 in Idaho, the percentage of out-of-wedlock births increased in Health Districts 3, 4, 5 and 7 and decreased in Districts 1, 2, and 6. District 3 recorded the highest proportion of live births that were out of wedlock (36.8 percent) followed by District 5 (34.3 percent). District 7 recorded the lowest percent of out-of-wedlock births in 2017 (16.5) followed by District 4 (25.2).

**PERCENT OUT-OF-WEDLOCK BIRTHS
2016 U.S.² and 2017 Idaho and Idaho Health Districts**



Idaho Counties

In Idaho, Counties with the highest percentages of out-of-wedlock births in Idaho were Clark (55.6 percent), Adams (54.8 percent), and Benewah (50.5 percent). The lowest percentages occurred in Madison (2.6 percent), Bear Lake (13.3 percent), and Franklin (14.7 percent). For greatest changes in total numbers of out-of-wedlock births, Nez Perce and Jerome Counties had the greatest decrease from 2016 to 2017 (38 fewer out-of-wedlock births for Nez Perce and 20 for Jerome) while Elmore and Twin Falls Counties had the greatest increase from 2016 to 2017 (38 more out-of-wedlock births for Elmore and 24 more for Twin Falls).

U.S. and Idaho Race/Ethnicity

By race and ethnicity, Idaho 2017 out-of-wedlock percentages increased for the Black, American Indian or Alaska Native (AIAN), Asian or Pacific Islander (API), "other race", and Hispanic populations while they remained the same for the White populations. Note, Idaho has relatively small numbers for non-white rates; some fluctuation from year to year can be expected.

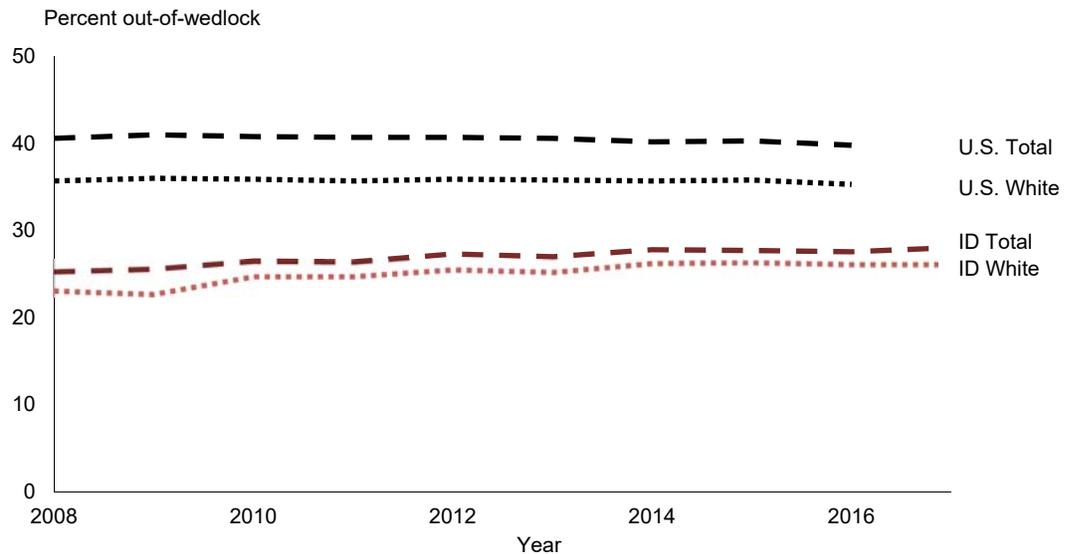
When comparing U.S.² 2016 percentage of out-of-wedlock births by race and ethnicity with Idaho's 2017 percentage, the U.S.² had higher percentages than Idaho's for White (35.2

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

percent), Black (92.4 percent), and Hispanic (18.9 percent) populations while the U.S. had lower percentages than Idaho’s for Asian or Pacific Islander (API) (2.0 percent) and American Indian or Alaska Native (AIAN) (5.9 percent) populations. Making comparisons between the U.S. and Idaho, 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	2017 %		2016 %		2015 %		2014 %		2013 %	
	ID	U.S.	ID	U.S. ²	ID	U.S. ³	ID.	U.S. ⁴	ID	U.S. ⁵
Total	28.0	NA	27.6	39.8	27.7	40.3	27.8	40.2	27.0	40.6
White	26.1	NA	26.1	35.3	26.3	35.8	26.2	35.7	25.2	35.8
Black	35.8	NA	33.2	69.0	33.3	70.1	33.0	70.4	32.7	71.0
AIAN	69.8	NA	64.0	65.7	63.7	65.8	66.6	65.7	70.8	66.4
API	17.4	NA	15.2	17.1	13.6	16.4	13.3	16.4	16.3	17.0
Other Race	45.4	NA	43.3	NA	43.0	NA	44.6	NA	46.0	NA
Ethnicity: Hispanic ¹	44.2	NA	43.5	52.6	45.0	53.0	44.4	52.9	45.2	53.2

**PERCENT OUT-OF-WEDLOCK BIRTHS
U.S. and Idaho (Total and White)
2008-2017**



Note: 2017 U.S. percentages of out-of-wedlock births were unavailable at the time of this publication and therefore, is not included in the above graph.

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 2016," National Vital Statistics Reports, National Center for Health Statistics, Vol. 67/No. 1, January 31, 2018.
3. "Births: Final Data for 2015," National Vital Statistics Reports, National Center for Health Statistics, Vol. 66/No. 1, January 5, 2017.
4. "Births: Final Data for 2014," National Vital Statistics Reports, National Center for Health Statistics, Vol. 64/No. 12, December 23, 2015.
5. "Births: Final Data for 2013," National Vital Statistics Reports, National Center for Health Statistics, Vol. 64/No. 1, January 15, 2015.

IDAHO RESIDENT OUT-OF-WEDLOCK LIVE BIRTHS
Race and Ethnicity of Mother
2017

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)	6,204	28.0%	5,086 26.1%	119 35.8%	264 69.8%	82 17.4%	623 45.4%	30 NA	4,616 24.9%	1,588 44.2%
District 1	837	32.4	762	7	42	6	18	2	794	43
District 2	335	28.5	282	7	36	3	7	-	309	26
District 3	1,410	36.8	1,157	12	23	12	192	14	865	545
District 4	1,373	25.2	1,172	69	28	36	60	8	1,139	234
District 5	949	34.3	747	10	16	10	162	4	529	420
District 6	649	27.5	456	7	104	7	73	2	513	136
District 7	651	16.5	510	7	15	8	111	-	467	184
Ada	1,181	24.5	1,006	60	24	33	50	8	980	201
Adams	17	54.8	17	-	-	-	-	-	17	-
Bannock	356	29.9	275	6	53	6	15	1	317	39
Bear Lake	11	13.3	10	-	1	-	-	-	9	2
Benewah	49	50.5	28	-	20	-	1	-	45	4
Bingham	186	30.8	91	1	50	1	42	1	118	68
Blaine	51	27.3	38	-	-	-	12	1	22	29
Boise	24	39.3	24	-	-	-	-	-	21	3
Bonner	137	32.4	137	-	-	-	-	-	130	7
Bonneville	435	23.2	332	6	9	5	83	-	303	132
Boundary	37	30.6	34	-	2	-	1	-	34	3
Butte	8	24.2	7	-	-	-	1	-	6	2
Camas	3	23.1	3	-	-	-	-	-	3	-
Canyon	1,132	37.1	908	11	20	11	169	13	659	473
Caribou	16	16.8	15	-	-	-	1	-	13	3
Cassia	125	31.9	118	-	2	1	3	1	68	57
Clark	5	55.6	4	-	-	-	1	-	2	3
Clearwater	31	44.9	27	1	2	-	1	-	26	5
Custer	12	31.6	10	1	1	-	-	-	12	-
Elmore	146	31.1	120	9	4	3	10	-	120	26
Franklin	28	14.7	27	-	-	-	1	-	24	4
Fremont	32	18.3	28	-	1	-	3	-	21	11
Gem	64	32.8	57	1	-	1	5	-	54	10
Gooding	77	39.1	48	-	1	-	28	-	33	44
Idaho	52	32.9	47	-	4	-	1	-	49	3
Jefferson	78	15.7	62	-	1	1	14	-	59	19
Jerome	136	37.4	88	1	-	1	46	-	51	85
Kootenai	557	30.9	510	7	18	5	16	1	528	29
Latah	79	17.6	75	2	1	-	1	-	75	4
Lemhi	27	34.6	27	-	-	-	-	-	25	2
Lewis	12	35.3	10	-	2	-	-	-	10	2
Lincoln	37	46.8	25	-	-	1	10	1	20	17
Madison	29	2.6	24	-	1	-	4	-	24	5
Minidoka	107	32.9	99	2	2	1	3	-	50	57
Nez Perce	161	34.5	123	4	27	3	4	-	149	12
Oneida	9	16.1	9	-	-	-	-	-	9	-
Owyhee	53	37.9	44	-	-	-	9	-	35	18
Payette	105	33.4	95	-	3	-	7	-	68	37
Power	35	30.7	22	-	-	-	13	-	17	18
Shoshone	57	40.1	53	-	2	1	-	1	57	-
Teton	33	22.3	23	-	2	2	6	-	21	12
Twin Falls	413	34.0	328	7	11	6	60	1	282	131
Valley	22	23.7	22	-	-	-	-	-	18	4
Washington	39	36.4	36	-	-	-	2	1	32	7

1. Beginning with 2009, out-of-state births with more than one race are included with "other race"; there were 10 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
2017

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	6,204	10	878	199	679	2,238	1,675	910	403	86	4
District 1	837	1	109	25	84	286	262	112	55	11	1
District 2	335	1	32	3	29	128	106	47	17	4	-
District 3	1,410	3	207	44	163	535	337	215	95	18	-
District 4	1,373	1	166	41	125	461	390	227	104	24	-
District 5	949	3	167	41	126	337	242	122	62	15	1
District 6	649	1	93	21	72	245	170	97	35	7	1
District 7	651	-	104	24	80	246	168	90	35	7	1
Ada	1,181	1	137	31	106	395	334	207	89	18	-
Adams	17	-	-	-	-	8	4	3	2	-	-
Bannock	356	1	48	7	41	141	96	48	21	1	-
Bear Lake	11	-	-	-	-	5	5	1	-	-	-
Benewah	49	-	8	2	6	16	14	8	3	-	-
Bingham	186	-	29	10	19	69	41	34	8	4	1
Blaine	51	-	6	2	4	9	13	13	8	2	-
Boise	24	-	3	2	1	6	8	4	2	1	-
Bonner	137	-	19	4	15	49	43	17	8	1	-
Bonneville	435	-	76	16	60	163	114	56	21	5	-
Boundary	37	-	5	2	3	13	11	3	4	1	-
Butte	8	-	-	-	-	3	2	1	2	-	-
Camas	3	-	1	-	1	1	1	-	-	-	-
Canyon	1,132	2	175	39	136	416	279	171	73	16	-
Caribou	16	-	3	-	3	5	7	-	1	-	-
Cassia	125	-	22	5	17	51	33	14	4	1	-
Clark	5	-	-	-	-	1	3	1	-	-	-
Clearwater	31	-	5	-	5	12	10	4	-	-	-
Custer	12	-	1	-	1	4	5	1	1	-	-
Elmore	146	-	23	8	15	54	39	14	11	5	-
Franklin	28	-	6	2	4	10	8	3	-	1	-
Fremont	32	-	8	3	5	9	8	3	4	-	-
Gem	64	-	12	1	11	25	11	11	4	1	-
Gooding	77	-	13	1	12	24	19	10	9	2	-
Idaho	52	-	7	-	7	15	21	7	2	-	-
Jefferson	78	-	9	3	6	33	16	16	2	1	1
Jerome	136	-	30	5	25	46	28	21	10	1	-
Kootenai	557	-	70	17	53	189	174	75	39	9	1
Latah	79	-	7	1	6	32	22	13	5	-	-
Lemhi	27	-	5	-	5	8	7	3	3	1	-
Lewis	12	-	-	-	-	6	3	2	1	-	-
Lincoln	37	-	7	1	6	13	8	7	2	-	-
Madison	29	-	4	1	3	12	7	3	3	-	-
Minidoka	107	2	21	7	14	43	28	8	4	1	-
Nez Perce	161	1	13	2	11	63	50	21	9	4	-
Oneida	9	-	3	-	3	2	1	2	-	1	-
Owyhee	53	-	3	1	2	26	10	7	6	1	-
Payette	105	-	10	2	8	44	25	17	9	-	-
Power	35	-	4	2	2	10	10	8	3	-	-
Shoshone	57	1	7	-	7	19	20	9	1	-	-
Teton	33	-	1	1	-	16	8	7	1	-	-
Twin Falls	413	1	67	20	47	150	112	49	25	8	1
Valley	22	-	3	-	3	6	9	2	2	-	-
Washington	39	1	7	1	6	16	8	6	1	-	-

IDAHO RESIDENT OUT-OF-WEDLOCK LIVE BIRTHS
Live Birth Order by Age of Mother
2017

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	6,204	10	199	679	2,238	1,675	910	403	86	4
1	2,734	10	187	574	1,211	475	204	61	11	1
2	1,740	-	10	91	727	588	230	80	14	-
3	974	-	1	13	236	386	223	100	14	1
4	438	-	-	-	42	158	145	69	23	1
5	186	-	-	1	17	52	59	51	6	-
6	60	-	-	-	1	8	26	17	8	-
7	28	-	-	-	-	1	8	16	2	1
8	11	-	-	-	-	1	3	4	3	-
9	7	-	-	-	-	1	3	1	2	-
10-14	7	-	-	-	-	-	2	2	3	-
15+	-	-	-	-	-	-	-	-	-	-
Not stated	19	-	1	-	4	5	7	2	-	-

IDAHO RESIDENT OUT-OF-WEDLOCK LIVE BIRTHS
Number and Percentage of Births Out-of-Wedlock by Age of Mother
2016 U.S. and 2017 Idaho

AGE GROUP	IDAHO			U.S. ¹
	Total Live Births	Out-of-Wedlock Live Births	Percent Out-of-Wedlock	Percent Out-of-Wedlock
TOTAL	22,159	6,204	28.0%	39.8%
<15	10	10	100.0	99.8
15-19	1,105	878	79.7	89.1
15-17	216	199	92.1	96.2
18-19	889	679	76.6	86.6
20-24	5,387	2,238	41.6	65.8
25-29	7,278	1,675	23.0	38.3
30-34	5,428	910	16.8	23.1
35-39	2,466	403	16.4	22.4
40-44	445	86	19.4	NA
45+	38	4	10.5	NA
Not stated	2	-	NA	NA

1. U.S. out-of-wedlock birth percentages are based on final 2016 data, released by the National Vital Statistics Reports, National Center for Health Statistics, Vol. 67/No. 1, January 31, 2018.
 NA: not applicable / not available.

IDAHO RESIDENT LIVE BIRTHS
Risk Factors and Infections Present and/or Treated by Age of Mother
2017

AGE	Total Live Births	Risk Factors In This Pregnancy		Infections Present/Treated During This Pregnancy	
		Number	Percent	Number	Percent
Total	22,159	6,037	27.3%	4,751	22.2%
<15	10	1	10.0	2	20.0
15-19	1,105	133	12.0	254	23.8
15-17	216	15	6.9	38	18.2
18-19	889	118	13.3	216	25.1
20-24	5,387	963	17.9	1,148	22.0
25-29	7,278	1,869	25.7	1,526	21.7
30-34	5,428	1,794	33.1	1,181	22.7
35-39	2,466	1,045	42.4	541	22.8
40-44	445	209	47.0	94	22.3
45+	38	23	60.5	5	13.5
Not stated	2	-	NA	-	NA

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

IDAHO RESIDENT LIVE BIRTHS
Risk Factors and Infections Present and/or Treated During This Pregnancy
2017

Risk Factors In This Pregnancy	Number	Infections Present and/or Treated	Number
Total Births	22,159	Total Births	22,159
Births with Risk Factor(s) reported	6,037	Births with Infection(s) of Mother reported	4,751
Diabetes:			
Pregpregnancy (diagnosis prior to this pregnancy)	195	Gonorrhea	21
Gestational (diagnosis in this pregnancy)	1,095	Syphilis	10
Hypertension:		HIV Infection	1
Pregpregnancy (chronic)	243	Herpes Simplex Virus (HSV)	433
Gestational (PIH, preeclampsia)	1,509	Chlamydia	284
Eclampsia	13	Listeria	1
Previous preterm birth	719	Group B Streptococcus	3,708
Other previous poor pregnancy outcome*	303	Cytomegalovirus	-
Pregnancy resulted from infertility treatment:		Parvovirus	-
Fertility-enhancing drugs, Artificial insemination, or intrauterine insemination	156	Toxoplasmosis	1
Assisted reproductive technology (in vitro fertilization (IVF), gamete intrafallopian transfer (GIFT))	223	Hepatitis B	15
Mother had a previous cesarean delivery	2,901	Hepatitis C	40
None of the above	16,107	Other infection not elsewhere specified	578
Risk factors in pregnancy not stated	15	None of the above	16,619
		Infections not stated	789

* 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
2017

AGE	Total Live Births	Maternal Morbidity (Complications)		Characteristics of Labor and Delivery	
		Number	Percent	Number	Percent
Total	22,159	336	1.5%	18,661	84.2%
<15	10	-	-	8	80.0
15-19	1,105	15	1.4	993	89.9
15-17	216	3	1.4	194	89.8
18-19	889	12	1.3	799	89.9
20-24	5,387	93	1.7	4,720	87.6
25-29	7,278	99	1.4	6,151	84.5
30-34	5,428	84	1.5	4,424	81.5
35-39	2,466	37	1.5	1,973	80.0
40-44	445	7	1.6	365	82.0
45+	38	1	2.6	27	71.1
Not stated	2	-	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
2017

Maternal Morbidity (Complications)	Number	Characteristics of Labor and Delivery	Number
Total Births	22,159	Total Births	22,159
Births with Maternal Morbidity(ies) reported	336	Births with Characteristic(s) reported	18,661
Maternal transfusion	81	Induction of labor	6,610
Third or fourth degree perineal laceration	207	Augmentation of labor	5,732
Ruptured uterus	3	Non-vertex presentation	377
Unplanned hysterectomy	7	Steroids for fetal lung maturation received by mother prior to delivery	1,177
Admission to intensive care unit	23	Antibiotics received by mother during labor	5,380
Unplanned operating room procedure following delivery	54	Clinical chorioamnionitis diagnosed during labor or maternal temperature $\geq 38^{\circ}\text{C}$ (100.4°F)	304
None of the above	21,816	Moderate/heavy meconium staining of the amniotic fluid	1,092
Maternal morbidity not stated	7	Fetal intolerance to labor*	1,067
		Epidural or spinal anesthesia during labor	15,875
		None of the above	3,493
		Characteristic of labor and delivery not stated	5

* 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
2017**

Abnormal Conditions of Newborn	Number
Total Births	22,159
Births with Abnormal Condition(s) reported	3,121
Assisted ventilation required	
Immediately following delivery	1,409
For more than six hours	587
NICU admission	2,320
Newborn given surfactant replacement therapy	142
Antibiotics given for suspected neonatal sepsis	739
Seizure or serious neurologic dysfunction	8
Significant birth injury*	16
Failed newborn hearing test	342
None of the above	19,024
Abnormal conditions not stated	14

* 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
2017**

Congenital Anomalies	Number	Congenital Anomalies	Number
Total Births	22,159	Congenital malformations and deformations of the musculoskeletal system	
Births with Congenital Anomaly(ies) reported	160	Congenital diaphragmatic hernia	6
Congenital malformations of the nervous system		Limb reduction defect	6
Anencephaly	4	Gastroschisis	14
Meningomyelocele/Spina Bifida	7	Omphalocele	6
Congenital malformations of the circulatory system		Down syndrome	
Cyanotic congenital heart disease	43	Karyotype confirmed	7
Cleft lip and cleft palate		Karyotype pending	9
Cleft lip with or without cleft palate	21	Suspected other chromosomal disorder	
Cleft palate alone	5	Karyotype confirmed	13
Congenital malformations of genital organs		Karyotype pending	10
Hypospadias	20	None of the above	21,984
Male	20	Congenital anomalies not stated	15
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
2016 U.S. and 2017 Idaho

RESIDENCE	TOTAL LIVE BIRTHS	METHOD OF DELIVERY												Not Stated
		Vaginal Births						Cesarean Births						
		Total Vaginal		Vaginal		VBAC		Total Cesarean		Primary		Repeat		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
U.S.*	3,945,875	68.1		66.2		12.4		31.9		21.8		87.6		2,491
IDAHO	22,159	16,906	76.3	16,310	73.6	596	20.5	5,246	23.7	2,941	15.3	2,305	79.5	7
District 1	2,594	1,926	74.3	1,861	71.8	65	17.1	665	25.7	349	15.8	316	82.9	3
District 2	1,178	906	77.0	876	74.4	30	20.8	271	23.0	157	15.2	114	79.2	1
District 3	3,845	2,929	76.2	2,798	72.8	131	22.2	915	23.8	456	14.0	459	77.8	1
District 4	5,456	4,182	76.7	4,004	73.4	178	24.0	1,272	23.3	707	15.0	565	76.0	2
District 5	2,772	2,059	74.3	2,017	72.8	42	13.2	713	25.7	437	17.8	276	86.8	-
District 6	2,364	1,801	76.2	1,745	73.8	56	16.2	563	23.8	273	13.5	290	83.8	-
District 7	3,950	3,103	78.6	3,009	76.2	94	24.8	847	21.4	562	15.7	285	75.2	-
Ada	4,832	3,713	76.9	3,548	73.4	165	24.7	1,118	23.1	615	14.8	503	75.3	1
Adams	31	22	71.0	22	71.0	-	-	9	29.0	7	24.1	2	100.0	-
Bannock	1,189	898	75.5	878	73.8	20	11.3	291	24.5	134	13.2	157	88.7	-
Bear Lake	83	59	71.1	58	69.9	1	10.0	24	28.9	15	20.5	9	90.0	-
Benewah	97	69	71.1	66	68.0	3	20.0	28	28.9	16	19.5	12	80.0	-
Bingham	603	462	76.6	442	73.3	20	20.8	141	23.4	65	12.8	76	79.2	-
Blaine	188	129	68.6	126	67.0	3	13.0	59	31.4	39	23.6	20	87.0	-
Boise	61	49	80.3	45	73.8	4	36.4	12	19.7	5	10.0	7	63.6	-
Bonner	425	331	77.9	318	74.8	13	22.4	94	22.1	49	13.4	45	77.6	-
Bonneville	1,872	1,446	77.2	1,402	74.9	44	21.8	426	22.8	268	16.0	158	78.2	-
Boundary	121	87	71.9	85	70.2	2	10.0	34	28.1	16	15.8	18	90.0	-
Butte	33	28	84.8	27	81.8	1	50.0	5	15.2	4	12.9	1	50.0	-
Camas	13	10	76.9	9	69.2	1	33.3	3	23.1	1	10.0	2	66.7	-
Canyon	3,057	2,346	76.8	2,239	73.3	107	22.8	710	23.2	348	13.5	362	77.2	1
Caribou	95	70	73.7	69	72.6	1	7.7	25	26.3	13	15.9	12	92.3	-
Cassia	392	289	73.7	283	72.2	6	9.7	103	26.3	47	14.2	56	90.3	-
Clark	9	7	77.8	7	77.8	-	-	2	22.2	1	12.5	1	100.0	-
Clearwater	69	52	75.4	50	72.5	2	22.2	17	24.6	10	16.7	7	77.8	-
Custer	38	31	81.6	29	76.3	2	25.0	7	18.4	1	3.3	6	75.0	-
Elmore	470	346	73.8	338	72.1	8	13.6	123	26.2	72	17.6	51	86.4	1
Franklin	191	143	74.9	138	72.3	5	20.8	48	25.1	29	17.4	19	79.2	-
Fremont	175	127	72.6	124	70.9	3	20.0	48	27.4	36	22.5	12	80.0	-
Gem	195	150	76.9	145	74.4	5	23.8	45	23.1	29	16.7	16	76.2	-
Gooding	197	144	73.1	141	71.6	3	15.8	53	26.9	37	20.8	16	84.2	-
Idaho	158	125	79.1	120	75.9	5	29.4	33	20.9	21	14.9	12	70.6	-
Jefferson	497	378	76.1	361	72.6	17	27.0	119	23.9	73	16.8	46	73.0	-
Jerome	364	271	74.5	264	72.5	7	13.5	93	25.5	48	15.4	45	86.5	-
Kootenai	1,809	1,336	74.0	1,292	71.5	44	16.8	470	26.0	252	16.3	218	83.2	3
Latah	450	321	71.3	308	68.4	13	19.1	129	28.7	74	19.4	55	80.9	-
Lemhi	78	60	76.9	60	76.9	-	-	18	23.1	10	14.3	8	100.0	-
Lewis	34	27	79.4	26	76.5	1	50.0	7	20.6	6	18.8	1	50.0	-
Lincoln	79	60	75.9	60	75.9	-	-	19	24.1	16	21.1	3	100.0	-
Madison	1,133	942	83.1	918	81.0	24	35.3	191	16.9	147	13.8	44	64.7	-
Minidoka	325	245	75.4	238	73.2	7	20.6	80	24.6	53	18.2	27	79.4	-
Nez Perce	467	381	81.8	372	79.8	9	18.8	85	18.2	46	11.0	39	81.3	1
Oneida	56	44	78.6	42	75.0	2	22.2	12	21.4	5	10.6	7	77.8	-
Owyhee	141	105	74.5	98	69.5	7	26.9	36	25.5	17	14.8	19	73.1	-
Payette	314	228	72.6	220	70.1	8	14.8	86	27.4	40	15.4	46	85.2	-
Power	114	97	85.1	91	79.8	6	40.0	17	14.9	8	8.1	9	60.0	-
Shoshone	142	103	72.5	100	70.4	3	11.5	39	27.5	16	13.8	23	88.5	-
Teton	148	112	75.7	108	73.0	4	28.6	36	24.3	26	19.4	10	71.4	-
Twin Falls	1,214	911	75.0	896	73.8	15	12.3	303	25.0	196	17.9	107	87.7	-
Valley	93	74	79.6	73	78.5	1	20.0	19	20.4	15	17.0	4	80.0	-
Washington	107	78	72.9	74	69.2	4	22.2	29	27.1	15	16.9	14	77.8	-

* U.S. rates are based on final 2016 data, released by the National Vital Statistics Reports, National Center for Health Statistics Vol. 67/No. 1, January 31, 2018.

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
2017

BIRTHWEIGHT*	TOTAL LIVE BIRTHS	METHOD OF DELIVERY												
		Vaginal Births						Cesarean Births						Not Stated
		Total Vaginal		Vaginal ¹		VBAC ²		Total Cesarean		Primary		Repeat		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
TOTAL	22,159	16,906	76.3	16,310	73.6	596	20.5	5,246	23.7	2,941	15.3	2,305	79.5	7
Total low birthweight	1,552	820	52.9	783	50.5	37	15.4	731	47.1	527	40.2	204	84.6	1
Very low birthweight	240	95	39.7	89	37.2	6	16.7	144	60.3	114	56.2	30	83.3	1
Moderately low birthweight	1,312	725	55.3	694	52.9	31	15.1	587	44.7	413	37.3	174	84.9	-
Normal birthweight	18,753	14,782	78.8	14,279	76.2	503	21.3	3,966	21.2	2,108	12.9	1,858	78.7	5
Heavy birthweight	1,854	1,304	70.4	1,248	67.4	56	18.7	549	29.6	306	19.7	243	81.3	1
Not Stated	-	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-

* 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
2017

GESTATIONAL AGE ³	TOTAL LIVE BIRTHS	METHOD OF DELIVERY												
		Vaginal Births						Cesarean Births						Not Stated
		Total Vaginal		Vaginal ¹		VBAC ²		Total Cesarean		Primary		Repeat		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
TOTAL	22,159	16,906	76.3	16,310	73.6	596	20.5	5,246	23.7	2,941	15.3	2,305	79.5	7
Preterm: Total < 37 weeks	1,939	1,021	52.7	976	50.4	45	13.0	917	47.3	615	38.7	302	87.0	1
Under 32 weeks	273	100	36.6	93	34.1	7	15.2	173	63.4	134	59.0	39	84.8	-
32-33 weeks	233	101	43.3	94	40.3	7	17.9	132	56.7	100	51.5	32	82.1	-
34-36 weeks	1,433	820	57.3	789	55.1	31	11.8	612	42.7	381	32.6	231	88.2	1
Term - Total 37-41 weeks	20,104	15,791	78.6	15,243	75.8	548	21.5	4,309	21.4	2,309	13.2	2,000	78.5	4
37-38 weeks	5,386	4,090	76.0	3,947	73.3	143	18.9	1,294	24.0	679	14.7	615	81.1	2
39-41 weeks	14,718	11,701	79.5	11,296	76.8	405	22.6	3,015	20.5	1,630	12.6	1,385	77.4	2
Postterm: 42 weeks+	78	57	74.0	54	70.1	3	50.0	20	26.0	17	23.9	3	50.0	1
Not Stated	38	37	NA	37	NA	-	NA	-	NA	-	NA	-	NA	1

- 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 2017

METHOD OF PAYMENT	TOTAL LIVE BIRTHS	METHOD OF DELIVERY												
		Vaginal Births						Cesarean Births						Not Stated
		Total Vaginal		Vaginal		VBAC		Total Cesarean		Primary		Repeat		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
TOTAL	22,159	16,906	76.3	16,310	73.6	596	20.5	5,246	23.7	2,941	15.3	2,305	79.5	7
Self-Pay	1,268	1,080	85.2	1,030	81.2	50	35.7	188	14.8	98	8.7	90	64.3	-
Private Insurance	11,872	8,969	75.6	8,643	72.8	326	21.2	2,899	24.4	1,688	16.3	1,211	78.8	4
Medicaid ²	8,195	6,224	75.9	6,029	73.6	195	17.6	1,971	24.1	1,058	14.9	913	82.4	-
Other Government ³	588	439	74.8	420	71.6	19	21.3	148	25.2	78	15.7	70	78.7	1
Not Applicable, Other or None	211	178	84.4	172	81.5	6	26.1	33	15.6	16	8.5	17	73.9	-
Not Stated	25	16	NA	16	NA	-	NA	7	NA	3	NA	4	NA	2

1. Payment source for delivery at time birth record is filed with the State. Payment source may change after record is filed with the state.

2. Data for Medicaid-paid deliveries may differ from Medicaid statistics.

3. Other government includes Indian Health Services, CHAMPUS/TRICARE, and other government (federal, state, local).

See below for definition of rates by method of delivery; rates are based on records with known method of delivery. NA: not applicable.

IDAHO RESIDENT LIVE BIRTHS

Number and Rate of Births by Method of Delivery and Age of Mother 2017

AGE GROUP	TOTAL LIVE BIRTHS	METHOD OF DELIVERY												
		Vaginal Births						Cesarean Births						Not Stated
		Total Vaginal		Vaginal ¹		VBAC ²		Total Cesarean		Primary		Repeat		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
TOTAL	22,159	16,906	76.3	16,310	73.6	596	20.5	5,246	23.7	2,941	15.3	2,305	79.5	7
<15	10	10	100.0	10	100.0	-	-	-	-	-	-	-	-	-
15-19	1,105	942	85.2	940	85.1	2	11.8	163	14.8	148	13.6	15	88.2	-
15-17	216	185	85.6	185	85.6	-	-	31	14.4	28	13.1	3	100.0	-
18-19	889	757	85.2	755	84.9	2	14.3	132	14.8	120	13.7	12	85.7	-
20-24	5,387	4,409	81.9	4,328	80.4	81	22.6	976	18.1	698	13.9	278	77.4	2
25-29	7,278	5,599	76.9	5,423	74.5	176	18.8	1,679	23.1	918	14.5	761	81.2	-
30-34	5,428	3,976	73.3	3,761	69.3	215	22.7	1,448	26.7	714	16.0	734	77.3	4
35-39	2,466	1,674	67.9	1,566	63.5	108	20.1	792	32.1	364	18.9	428	79.9	-
40-44	445	282	63.4	269	60.4	13	13.8	163	36.6	82	23.4	81	86.2	-
45+	38	14	36.8	13	34.2	1.0	11.1	24	63.2	16	55.2	8	88.9	-
Not Stated	2	-	NA	-	NA	-	NA	1	NA	1	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
2017

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	22,159	1,268	5.7%	11,872	53.6%	8,195	37.0%	588	2.7%	211	1.0%	25
Physician (M.D., D.O.)	19,062	775	4.1	10,436	54.8	7,174	37.7	536	2.8	124	0.7	17
Certified Nurse Midwife	2,358	117	5.0	1,326	56.3	860	36.5	45	1.9	6	0.3	4
Nurse	-	-	-	-	-	-	-	-	-	-	-	-
Licensed Midwife	512	326	63.8	63	12.3	111	21.7	4	0.8	7	1.4	1
Lay Midwife	82	23	28.0	15	18.3	13	15.9	-	-	31	37.8	-
Other	145	27	19.0	32	22.5	37	26.1	3	2.1	43	30.3	3
Not Stated	-	-	NA	-	NA	-	NA	-	NA	-	NA	-

IDAHO RESIDENT LIVE BIRTHS
Number and Percentage of Births by Main Payment Source for Delivery¹
By Age of Mother
2017

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	22,159	1,268	5.7%	11,872	53.6%	8,195	37.0%	588	2.7%	211	1.0%	25
<15	10	-	-	1	10.0	9	90.0	-	-	-	-	-
15-19	1,105	36	3.3	175	15.8	856	77.5	27	2.4	11	1.0	-
15-17	216	3	1.4	36	16.7	166	76.9	6	2.8	5	2.3	-
18-19	889	33	3.7	139	15.6	690	77.6	21	2.4	6	0.7	-
20-24	5,387	237	4.4	2,160	40.2	2,785	51.8	141	2.6	56	1.0	8
25-29	7,278	386	5.3	4,162	57.2	2,461	33.8	195	2.7	69	0.9	5
30-34	5,428	362	6.7	3,528	65.1	1,342	24.8	150	2.8	40	0.7	6
35-39	2,466	196	8.0	1,572	63.8	608	24.7	59	2.4	28	1.1	3
40-44	445	48	10.8	252	56.8	123	27.7	15	3.4	6	1.4	1
45+	38	3	7.9	22	57.9	11	28.9	1	2.6	1	2.6	-
Not Stated	2	-	NA	-	NA	-	NA	-	NA	-	NA	2

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

IDAHO RESIDENT LIVE BIRTHS
Main Payment Source for Delivery¹
2017

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	22,159	1,268	5.7%	11,872	53.6%	8,195	37.0%	588	2.7%	211	1.0%	25
District 1	2,594	197	7.6	1,376	53.2	950	36.7	54	2.1	9	0.3	8
District 2	1,178	93	7.9	681	58.0	357	30.4	32	2.7	12	1.0	3
District 3	3,845	302	7.9	1,634	42.5	1,762	45.8	76	2.0	71	1.8	-
District 4	5,456	170	3.1	3,184	58.4	1,727	31.7	332	6.1	36	0.7	7
District 5	2,772	214	7.7	1,308	47.3	1,153	41.7	34	1.2	58	2.1	5
District 6	2,364	103	4.4	1,371	58.0	828	35.1	41	1.7	19	0.8	2
District 7	3,950	189	4.8	2,318	58.7	1,418	35.9	19	0.5	6	0.2	-
Ada	4,832	158	3.3	2,994	62.1	1,496	31.0	155	3.2	22	0.5	7
Adams	31	2	6.5	14	45.2	14	45.2	-	-	1	3.2	-
Bannock	1,189	29	2.4	681	57.3	462	38.9	11	0.9	6	0.5	-
Bear Lake	83	2	2.4	58	69.9	22	26.5	1	1.2	-	-	-
Benewah	97	14	14.9	38	40.4	38	40.4	4	4.3	-	-	3
Bingham	603	42	7.0	323	53.6	226	37.5	6	1.0	6	1.0	-
Blaine	188	19	10.1	103	54.8	58	30.9	1	0.5	7	3.7	-
Boise	61	1	1.6	25	41.0	32	52.5	1	1.6	2	3.3	-
Bonner	425	45	10.6	200	47.1	171	40.2	7	1.6	2	0.5	-
Bonneville	1,872	69	3.7	1,080	57.7	710	37.9	12	0.6	1	0.1	-
Boundary	121	23	19.0	51	42.1	42	34.7	5	4.1	-	-	-
Butte	33	3	9.1	20	60.6	10	30.3	-	-	-	-	-
Camas	13	1	7.7	8	61.5	3	23.1	1	7.7	-	-	-
Canyon	3,057	246	8.0	1,306	42.7	1,402	45.9	61	2.0	42	1.4	-
Caribou	95	2	2.1	67	70.5	25	26.3	1	1.1	-	-	-
Cassia	392	50	12.8	191	49.0	147	37.7	1	0.3	1	0.3	2
Clark	9	5	55.6	3	33.3	1	11.1	-	-	-	-	-
Clearwater	69	1	1.5	29	42.6	36	52.9	2	2.9	-	-	1
Custer	38	3	7.9	20	52.6	15	39.5	-	-	-	-	-
Elmore	470	8	1.7	103	21.9	172	36.6	175	37.2	12	2.6	-
Franklin	191	11	5.8	129	67.9	26	13.7	19	10.0	5	2.6	1
Fremont	175	10	5.7	100	57.1	65	37.1	-	-	-	-	-
Gem	195	15	7.7	85	43.6	87	44.6	5	2.6	3	1.5	-
Gooding	197	18	9.1	84	42.6	84	42.6	3	1.5	8	4.1	-
Idaho	158	17	10.8	74	46.8	55	34.8	4	2.5	8	5.1	-
Jefferson	497	27	5.4	328	66.0	137	27.6	1	0.2	4	0.8	-
Jerome	364	29	8.0	134	37.0	188	51.9	1	0.3	10	2.8	2
Kootenai	1,809	112	6.2	1,019	56.5	628	34.8	38	2.1	7	0.4	5
Latah	450	55	12.2	287	63.9	94	20.9	11	2.4	2	0.4	1
Lemhi	78	2	2.6	32	41.0	40	51.3	4	5.1	-	-	-
Lewis	34	2	5.9	13	38.2	17	50.0	2	5.9	-	-	-
Lincoln	79	4	5.1	30	38.0	37	46.8	4	5.1	4	5.1	-
Madison	1,133	49	4.3	661	58.3	420	37.1	2	0.2	1	0.1	-
Minidoka	325	46	14.2	169	52.0	108	33.2	1	0.3	1	0.3	-
Nez Perce	467	18	3.9	278	59.7	155	33.3	13	2.8	2	0.4	1
Oneida	56	2	3.6	33	60.0	16	29.1	2	3.6	2	3.6	1
Owyhee	141	16	11.3	47	33.3	70	49.6	-	-	8	5.7	-
Payette	314	18	5.7	146	46.5	130	41.4	6	1.9	14	4.5	-
Power	114	12	10.5	60	52.6	41	36.0	1	0.9	-	-	-
Shoshone	142	3	2.1	68	47.9	71	50.0	-	-	-	-	-
Teton	148	24	16.2	94	63.5	30	20.3	-	-	-	-	-
Twin Falls	1,214	47	3.9	589	48.6	528	43.5	22	1.8	27	2.2	1
Valley	93	3	3.2	62	66.7	27	29.0	1	1.1	-	-	-
Washington	107	5	4.7	36	33.6	59	55.1	4	3.7	3	2.8	-

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

IDAHO RESIDENT LIVE BIRTHS
Cigarette Smoking Before and During Pregnancy
2017

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	2,648	12.0%	1,937	8.8%	1,878	8.5%	1,543	7.0%	1,446	6.5%
District 1	472	18.2	343	13.3	335	13.0	279	10.8	263	10.2
District 2	189	16.1	153	13.1	148	12.6	133	11.3	124	10.6
District 3	515	13.4	377	9.8	364	9.5	292	7.6	278	7.2
District 4	554	10.2	372	6.8	361	6.6	281	5.2	260	4.8
District 5	302	10.9	221	8.0	217	7.8	174	6.3	157	5.7
District 6	312	13.3	240	10.2	228	9.7	195	8.3	187	7.9
District 7	304	7.7	231	5.9	225	5.7	189	4.8	177	4.5
Ada	453	9.4	301	6.2	291	6.0	221	4.6	205	4.2
Adams	5	16.1	4	12.9	4	12.9	4	12.9	4	12.9
Bannock	192	16.2	150	12.6	145	12.2	123	10.4	116	9.8
Bear Lake	16	19.3	12	14.5	12	14.5	9	10.8	8	9.6
Benewah	30	31.3	21	21.9	20	20.8	18	18.8	18	18.8
Bingham	59	9.9	42	7.0	39	6.5	34	5.7	33	5.5
Blaine	13	7.0	7	3.7	6	3.2	5	2.7	3	1.6
Boise	12	19.7	6	9.8	6	9.8	4	6.6	5	8.2
Bonner	87	20.5	56	13.2	55	13.0	50	11.8	48	11.3
Bonneville	197	10.5	148	7.9	143	7.6	119	6.4	112	6.0
Boundary	23	19.0	15	12.4	15	12.4	10	8.3	11	9.1
Butte	4	12.5	4	12.5	4	12.5	4	12.5	4	12.5
Camas	2	15.4	1	8.3	1	8.3	1	7.7	1	7.7
Canyon	390	12.8	273	9.0	265	8.7	205	6.7	194	6.4
Caribou	7	7.4	7	7.4	5	5.3	6	6.3	6	6.3
Cassia	34	8.7	22	5.6	22	5.6	20	5.1	16	4.1
Clark	1	11.1	-	-	-	-	-	-	-	-
Clearwater	19	27.9	15	22.1	15	22.1	13	19.1	12	17.6
Custer	9	23.7	6	15.8	6	15.8	6	15.8	6	15.8
Elmore	84	17.9	61	13.0	60	12.8	52	11.1	46	9.8
Franklin	16	8.5	11	5.9	10	5.3	8	4.3	9	4.8
Fremont	20	11.4	19	10.9	19	10.9	14	8.0	13	7.4
Gem	28	14.4	23	11.8	23	11.8	18	9.2	16	8.2
Gooding	27	13.7	23	11.7	23	11.7	19	9.6	16	8.1
Idaho	33	21.0	30	19.1	29	18.5	25	15.9	23	14.6
Jefferson	35	7.1	23	4.6	23	4.6	18	3.6	17	3.4
Jerome	36	9.9	27	7.4	27	7.4	22	6.0	20	5.5
Kootenai	293	16.2	221	12.3	216	12.0	174	9.6	160	8.9
Latah	52	11.6	41	9.2	39	8.7	35	7.8	35	7.8
Lemhi	20	25.6	16	20.5	16	20.5	15	19.2	14	17.9
Lewis	8	23.5	7	20.6	7	20.6	7	20.6	7	20.6
Lincoln	11	13.9	7	8.9	7	8.9	4	5.1	4	5.1
Madison	15	1.3	13	1.1	12	1.1	13	1.1	11	1.0
Minidoka	11	3.4	6	1.8	6	1.8	2	0.6	2	0.6
Nez Perce	77	16.6	60	12.9	58	12.5	53	11.4	47	10.1
Oneida	4	7.1	4	7.1	4	7.1	4	7.1	3	5.4
Owyhee	20	14.2	13	9.2	12	8.5	12	8.5	13	9.2
Payette	49	15.6	45	14.3	44	14.0	38	12.1	38	12.1
Power	14	12.3	10	8.8	9	7.9	7	6.1	8	7.0
Shoshone	39	27.7	30	21.3	29	20.6	27	19.1	26	18.4
Teton	7	4.8	6	4.1	6	4.1	4	2.7	4	2.7
Twin Falls	168	13.8	128	10.6	125	10.3	101	8.3	95	7.8
Valley	5	5.4	4	4.3	4	4.3	4	4.3	4	4.3
Washington	23	21.7	19	17.9	16	15.1	15	14.2	13	12.3

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
2017

AGE GROUP	TOTAL LIVE BIRTHS	CIGARETTE SMOKING DURING PREGNANCY				
		Yes		No		Not Stated
		Number	Percent	Number	Percent	
TOTAL	22,159	1,937	8.8%	20,176	91.2%	46
<15	10	1	10.0	9	90.0	-
15-19	1,105	168	15.2	935	84.8	2
15-17	216	21	9.8	194	90.2	1
18-19	889	147	16.6	741	83.4	1
20-24	5,387	647	12.0	4,728	88.0	12
25-29	7,278	600	8.3	6,666	91.7	12
30-34	5,428	330	6.1	5,088	93.9	10
35-39	2,466	166	6.7	2,294	93.3	6
40-44	445	23	5.2	420	94.8	2
45+	38	2	5.3	36	94.7	-
Not Stated	2	-	NA	-	NA	2

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
2017

RACE AND ETHNICITY	TOTAL LIVE BIRTHS	CIGARETTE SMOKING DURING PREGNANCY				
		Yes		No		Not Stated
		Number	Percent	Number	Percent	
TOTAL	22,159	1,937	8.8%	20,176	91.2%	46
Race						
White	19,524	1,799	9.2	17,696	90.8	29
Black	332	21	6.3	310	93.7	1
American Indian or Alaska Native	378	62	16.7	310	83.3	6
Asian or Pacific Islander	471	13	2.8	457	97.2	1
Other Race	1,375	38	2.8	1,335	97.2	2
Race not stated	79	4	NA	68	NA	7
Ethnicity ²						
Non-Hispanic	18,563	1,798	9.7	16,725	90.3	40
Hispanic	3,596	139	3.9	3,451	96.1	6
Ethnicity not stated	-	-	NA	-	NA	-

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

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

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

IDAHO RESIDENT LIVE BIRTHS
Number and Percentage of Births by Pre-Pregnancy Body Mass Index¹ (BMI)
2017

RESIDENCE	TOTAL LIVE BIRTHS	BODY MASS INDEX ²								
		Underweight		Normal Weight		Overweight		Obese		Not Stated
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	
IDAHO	22,159	682	3.1%	9,885	45.0%	5,674	25.9%	5,704	26.0%	214
District 1	2,594	80	3.1	1,282	49.7	610	23.6	609	23.6	13
District 2	1,178	27	2.3	524	44.9	303	25.9	314	26.9	10
District 3	3,845	127	3.4	1,470	38.9	1,005	26.6	1,175	31.1	68
District 4	5,456	168	3.1	2,708	50.5	1,347	25.1	1,140	21.3	93
District 5	2,772	81	2.9	1,129	40.8	753	27.2	803	29.0	6
District 6	2,364	50	2.1	917	39.1	657	28.0	720	30.7	20
District 7	3,950	149	3.8	1,855	47.0	999	25.3	943	23.9	4
Ada	4,832	149	3.1	2,398	50.6	1,184	25.0	1,010	21.3	91
Adams	31	1	3.3	16	53.3	7	23.3	6	20.0	1
Bannock	1,189	17	1.4	452	38.4	326	27.7	381	32.4	13
Bear Lake	83	2	2.4	36	43.4	23	27.7	22	26.5	-
Benewah	97	2	2.1	48	50.5	15	15.8	30	31.6	2
Bingham	603	21	3.5	230	38.4	154	25.7	194	32.4	4
Blaine	188	4	2.2	108	58.4	40	21.6	33	17.8	3
Boise	61	3	5.0	34	56.7	14	23.3	9	15.0	1
Bonner	425	12	2.8	224	52.8	97	22.9	91	21.5	1
Bonneville	1,872	66	3.5	801	42.8	495	26.4	510	27.2	-
Boundary	121	5	4.2	53	44.2	32	26.7	30	25.0	1
Butte	33	2	6.1	12	36.4	9	27.3	10	30.3	-
Camas	13	-	-	7	53.8	3	23.1	3	23.1	-
Canyon	3,057	110	3.7	1,162	38.7	791	26.4	936	31.2	58
Caribou	95	2	2.1	34	36.2	29	30.9	29	30.9	1
Cassia	392	14	3.6	143	36.6	105	26.9	129	33.0	1
Clark	9	-	-	3	33.3	2	22.2	4	44.4	-
Clearwater	69	1	1.5	27	39.7	20	29.4	20	29.4	1
Custer	38	-	-	19	50.0	11	28.9	8	21.1	-
Elmore	470	16	3.4	211	44.9	128	27.2	115	24.5	-
Franklin	191	3	1.6	91	48.1	52	27.5	43	22.8	2
Fremont	175	7	4.0	80	45.7	43	24.6	45	25.7	-
Gem	195	5	2.6	73	37.6	60	30.9	56	28.9	1
Gooding	197	4	2.0	69	35.0	56	28.4	68	34.5	-
Idaho	158	4	2.6	67	43.2	41	26.5	43	27.7	3
Jefferson	497	16	3.2	241	48.6	124	25.0	115	23.2	1
Jerome	364	12	3.3	132	36.5	107	29.6	111	30.7	2
Kootenai	1,809	53	2.9	892	49.6	437	24.3	418	23.2	9
Latah	450	10	2.2	215	48.3	114	25.6	106	23.8	5
Lemhi	78	1	1.3	38	48.7	21	26.9	18	23.1	-
Lewis	34	-	-	10	29.4	13	38.2	11	32.4	-
Lincoln	79	-	-	35	44.3	23	29.1	21	26.6	-
Madison	1,133	51	4.5	589	52.0	272	24.0	220	19.4	1
Minidoka	325	11	3.4	114	35.1	92	28.3	108	33.2	-
Nez Perce	467	12	2.6	205	44.0	115	24.7	134	28.8	1
Oneida	56	3	5.4	19	33.9	20	35.7	14	25.0	-
Owyhee	141	1	0.7	58	42.0	39	28.3	40	29.0	3
Payette	314	7	2.3	121	38.9	76	24.4	107	34.4	3
Power	114	-	-	43	37.7	44	38.6	27	23.7	-
Shoshone	142	8	5.6	65	45.8	29	20.4	40	28.2	-
Teton	148	8	5.5	84	57.5	31	21.2	23	15.8	2
Twin Falls	1,214	36	3.0	521	42.9	327	26.9	330	27.2	-
Valley	93	-	-	65	70.7	21	22.8	6	6.5	1
Washington	107	3	2.9	40	38.1	32	30.5	30	28.6	2

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
2017

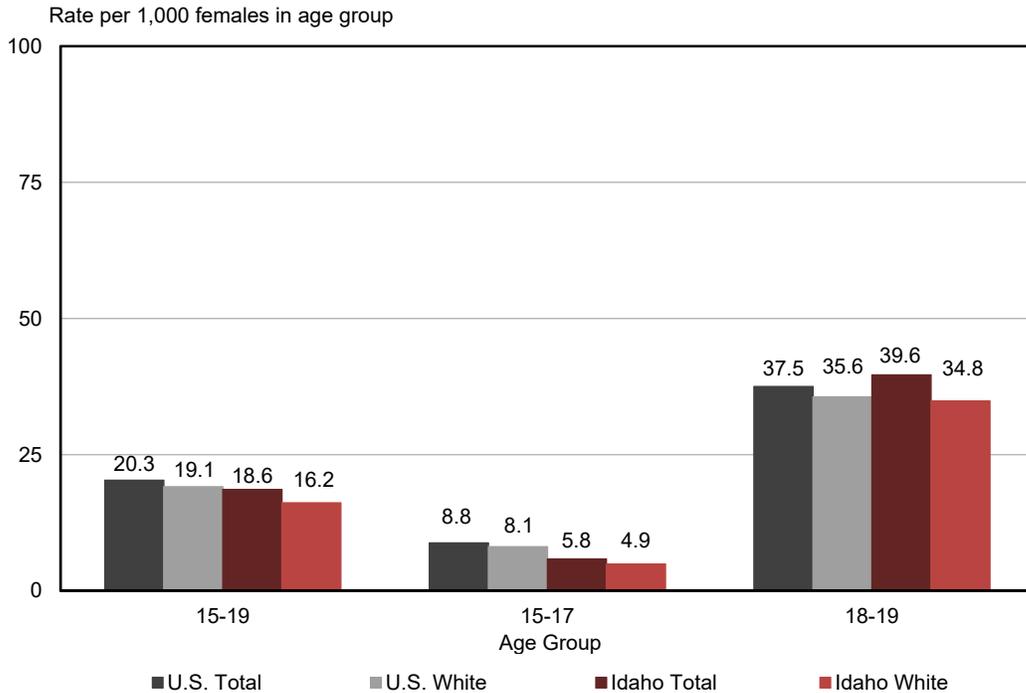
AGE GROUP	TOTAL LIVE BIRTHS	BODY MASS INDEX ²								Not Stated
		Underweight		Normal Weight		Overweight		Obese		
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	
TOTAL	22,159	682	3.1%	9,885	45.0%	5,674	25.9%	5,704	26.0%	214
<15	10	1	11.1	7	77.8	-	-	1	11.1	1
15-19	1,105	83	7.6	569	52.0	258	23.6	185	16.9	10
15-17	216	20	9.3	123	57.5	49	22.9	22	10.3	2
18-19	889	63	7.2	446	50.6	209	23.7	163	18.5	8
20-24	5,387	252	4.7	2,445	45.8	1,374	25.8	1,264	23.7	52
25-29	7,278	176	2.4	3,277	45.5	1,854	25.7	1,900	26.4	71
30-34	5,428	119	2.2	2,426	45.1	1,378	25.6	1,459	27.1	46
35-39	2,466	42	1.7	977	40.0	674	27.6	747	30.6	26
40-44	445	8	1.8	172	39.2	125	28.5	134	30.5	6
45+	38	1	2.6	12	31.6	11	28.9	14	36.8	-
Not Stated	2	-	NA	-	NA	-	NA	-	NA	2

IDAHO RESIDENT LIVE BIRTHS
Number and Percentage of Births by Pre-Pregnancy Body Mass Index¹ (BMI)
by Race and Ethnicity of Mother
2017

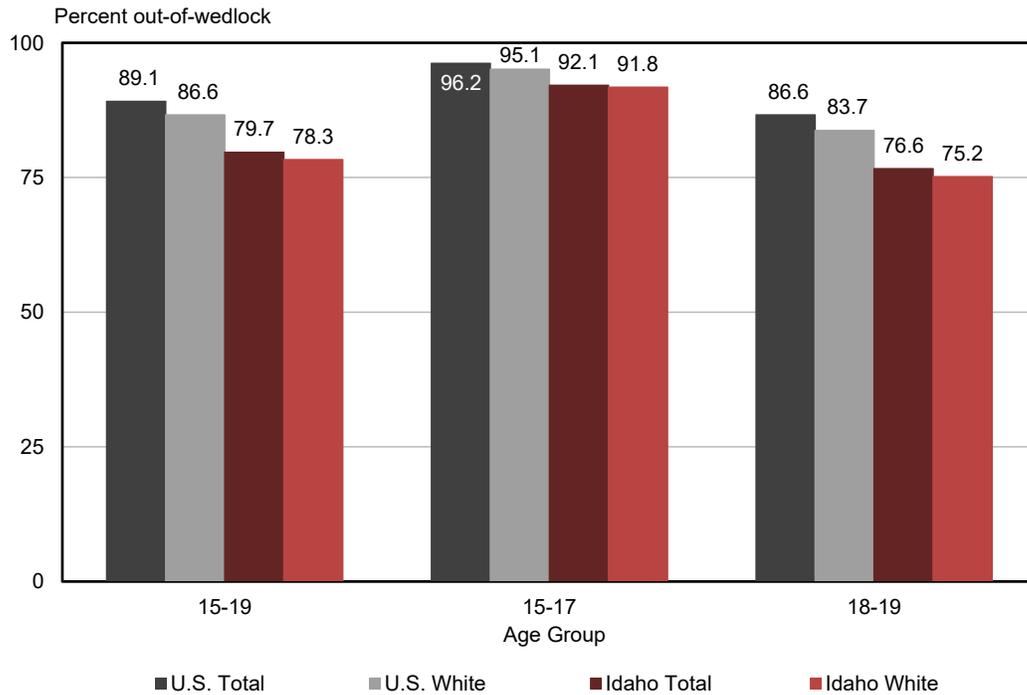
RACE AND ETHNICITY ³	TOTAL LIVE BIRTHS	BODY MASS INDEX ²								Not Stated
		Underweight		Normal Weight		Overweight		Obese		
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	
TOTAL	22,159	682	3.1%	9,885	45.0%	5,674	25.9%	5,704	26.0%	214
Race										
White	19,524	604	3.1	8,895	45.9	4,944	25.5	4,928	25.4	153
Black	332	7	2.3	125	40.7	89	29.0	86	28.0	25
American Indian or Alaska Native	378	8	2.2	116	31.4	89	24.1	157	42.4	8
Asian or Pacific Islander	471	31	6.7	266	57.3	102	22.0	65	14.0	7
Other Race	1,375	30	2.2	461	33.9	427	31.4	443	32.5	14
Race not stated	79	2	NA	22	NA	23	NA	25	NA	7
Ethnicity ⁴										
Non-Hispanic	18,563	593	3.2	8,664	47.1	4,625	25.1	4,531	24.6	150
Hispanic	3,596	89	2.5	1,221	34.6	1,049	29.7	1,173	33.2	64
Ethnicity not stated	-	-	NA	-	NA	-	NA	-	NA	-

1. Body Mass Index formula: [weight (lb.) / [height (in)]² x 703. Classifications are from the Center for Disease Control.
2. Interpretation of BMI for adults: Underweight <18.5, Normal 18.5-24.9, Overweight 25.0-29.9, Obese 30+.
3. Beginning in 2004, multiple races and Hispanic origins may be reported on the Idaho birth certificate. For mothers with multiple races, the races were bridged to a single race category; however, bridged-race data are not available for out-of-state births. Total and other race includes 26 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 2016 U.S.* and 2017 Idaho (Total and White)



TEEN OUT-OF-WEDLOCK BIRTH PERCENTS BY AGE 2016 U.S.* and 2017 Idaho (Total and White)



* U.S. total fertility and total out-of-wedlock data are based on 2016 final data, National Vital Statistics Reports, National Center for Health Statistics (NCHS), Vol. 67/No. 1, January 31, 2018. U.S. white fertility data are based on 'Supplemental Tables', addendum to 2016 final data. U.S. white out-of-wedlock data are based on 2016 data taken from the Center for Disease Control and Prevention, NCHS WONDER Online Database, Natality public-use data 2007-2016, August 2018.

U.S. AND IDAHO RESIDENT TEEN LIVE BIRTHS 2016 U.S. and 2017 Idaho

	Fertility Rate ²	Percent Out-of-Wedlock	Percent Low Birth Weight ³
IDAHO TOTAL			
<15 ⁴	0.2	100.0%	10.0%
15-19	18.6	79.7	9.1
15-17	5.8	92.1	12.5
18-19	39.6	76.6	8.3
IDAHO WHITE			
<15 ⁴	0.1	100.0%	12.5
15-19	16.2	78.3	8.5
15-17	4.9	91.8	11.2
18-19	34.8	75.2	7.8
U.S. TOTAL¹			
<15 ⁴	0.2	99.8%	11.5%
15-19	20.3	89.1	9.9
15-17	8.8	96.2	10.1
18-19	37.5	86.6	9.8
U.S. WHITE¹			
<15 ⁴	0.2	99.6%	10.0%
15-19	19.1	86.6	8.6
15-17	8.1	95.1	8.9
18-19	35.6	83.7	8.5

1. U.S. fertility (total) and out-of-wedlock (total) data: "Births: Final Data for 2016," [National Vital Statistics Reports, National Center for Health Statistics](#), Vol. 67, No. 1, January 31, 2018. U.S. fertility (white) data: "Supplemental Tables", an addendum to "Births: Final Data for 2016". U.S. low birth weight (total and white) and out-of-wedlock (white) data: 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 2007-2016, on CDC WONDER Online Database, August 2018.
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.

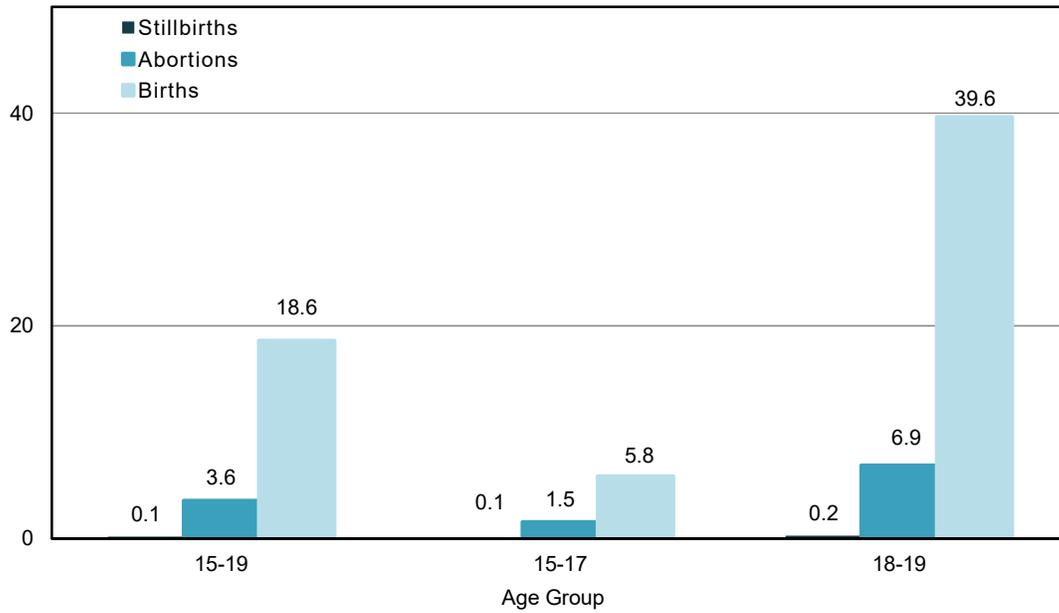
IDAHO RESIDENT TEEN PREGNANCIES AND ABORTIONS 2017

	PREGNANCIES ¹		INDUCED ABORTIONS		
	Number	Rate ²	Number	Rate ³	Ratio ⁴
TOTAL					
<15 ⁵	13	0.2	3	0.0	300.0
15-19	1,322	22.2	211	3.6	191.0
15-17	275	7.4	57	1.5	263.9
18-19	1,047	46.7	154	6.9	173.2
WHITE					
<15 ⁵	10	0.2	2	0.0	250.0
15-19	1,082	19.5	183	3.3	203.8
15-17	220	6.3	50	1.4	294.1
18-19	862	41.3	133	6.4	182.7

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).

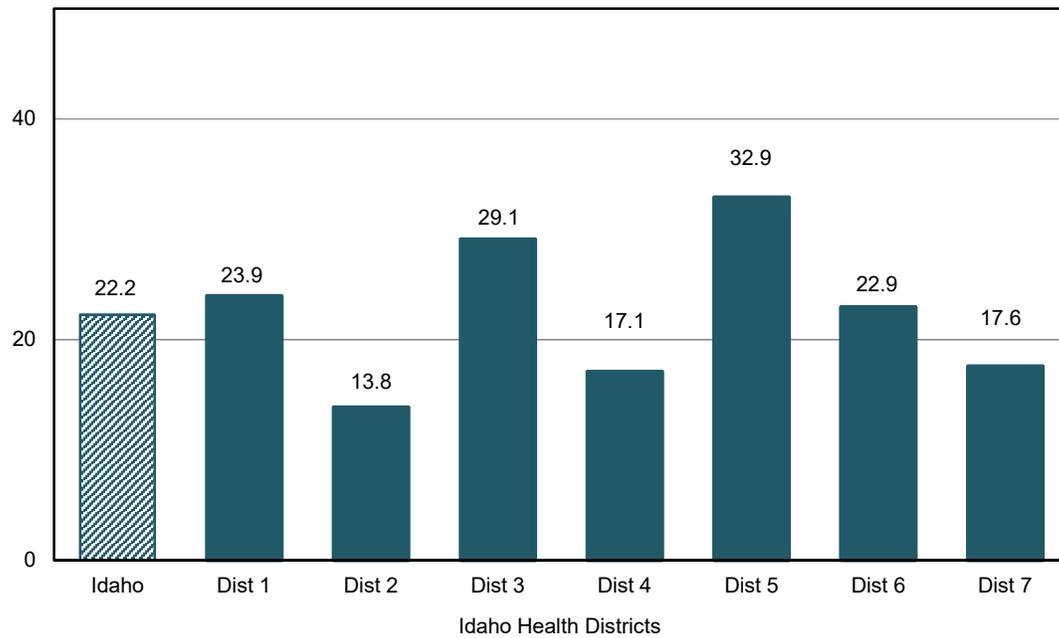
TEEN STILLBIRTH, ABORTION, AND BIRTH RATES BY AGE Idaho 2017

Rate per 1,000 females in age group



TEEN PREGNANCY RATES Idaho and Districts, 15-19 Year-Olds 2017

Rate per 1,000 females age 15-19



IDAHO RESIDENT TEEN PREGNANCY
Total Pregnancies and Rates by Age of Mother
2017

RESIDENCE	AGE GROUP							
	<15		15-19		15-17		18-19	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
IDAHO	13	0.2	1,322	22.2	275	7.4	1,047	46.7
District 1	3	0.4	165	23.9	35	7.6	130	56.3
District 2	1	0.3	52	13.8	5	2.8	47	23.9
District 3	3	0.3	300	29.1	64	9.6	236	64.6
District 4	2	0.1	278	17.1	59	5.7	219	37.2
District 5	3	0.4	221	32.9	55	12.3	166	73.5
District 6	1	0.1	145	22.9	29	7.2	116	50.7
District 7	-	-	161	17.6	28	5.5	133	32.7
Ada	2	0.1	234	15.5	45	4.7	189	34.6
Adams	-	-	1	10.4	-	-	1	34.5
Bannock	1	0.3	80	26.0	12	6.5	68	55.2
Bear Lake	-	-	4	17.9	-	-	4	48.2
Benewah	-	-	11	42.8	2	11.3	9	112.5
Bingham	-	-	34	19.8	10	8.5	24	44.2
Blaine	-	-	9	13.0	3	6.3	6	27.5
Boise	-	-	3	15.5	2	15.0	1	16.4
Bonner	-	-	30	24.9	4	4.8	26	70.3
Bonneville	-	-	99	24.6	17	6.2	82	65.1
Boundary	-	-	8	20.6	3	11.7	5	37.6
Butte	-	-	-	-	-	-	-	-
Camas	-	-	1	30.3	-	-	1	83.3
Canyon	2	0.2	244	29.8	54	10.3	190	64.3
Caribou	-	-	3	12.5	-	-	3	39.5
Cassia	-	-	26	28.3	7	11.3	19	63.1
Clark	-	-	-	-	-	-	-	-
Clearwater	-	-	5	28.1	-	-	5	84.7
Custer	-	-	1	11.1	-	-	1	32.3
Elmore	-	-	37	47.4	11	22.3	26	90.6
Franklin	-	-	8	13.8	3	7.6	5	27.3
Fremont	-	-	14	31.3	3	10.2	11	71.0
Gem	-	-	20	38.3	2	5.7	18	106.5
Gooding	-	-	18	35.0	2	5.9	16	92.5
Idaho	-	-	9	22.2	-	-	9	67.2
Jefferson	-	-	19	16.6	4	5.1	15	42.5
Jerome	-	-	43	52.4	10	17.9	33	126.4
Kootenai	2	0.4	105	22.3	24	7.8	81	50.0
Latah	-	-	17	9.2	1	1.7	16	12.9
Lemhi	-	-	9	44.8	2	13.1	7	145.8
Lewis	-	-	1	9.3	-	-	1	29.4
Lincoln	-	-	7	31.0	1	6.5	6	83.3
Madison	-	-	17	5.9	1	1.3	16	7.6
Minidoka	2	2.6	30	43.2	8	17.9	22	88.7
Nez Perce	1	0.9	20	16.3	4	5.5	16	32.5
Oneida	-	-	5	32.1	1	9.3	4	83.3
Owyhee	-	-	5	11.9	1	3.6	4	28.4
Payette	-	-	20	26.1	5	10.0	15	57.0
Power	-	-	11	43.0	3	18.2	8	87.9
Shoshone	1	3.0	11	33.3	2	8.9	9	84.9
Teton	-	-	2	6.1	1	4.7	1	8.9
Twin Falls	1	0.3	87	30.8	24	13.0	63	64.8
Valley	-	-	4	18.5	1	7.0	3	40.5
Washington	1	2.6	10	31.5	2	9.2	8	80.8

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
2017

RESIDENCE	AGE GROUP							
	<15		15-19		15-17		18-19	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
IDAHO	10	0.2	1,105	18.6	216	5.8	889	39.6
District 1	1	0.1	132	19.2	27	5.9	105	45.5
District 2	1	0.3	37	9.9	3	1.7	34	17.3
District 3	3	0.3	250	24.2	48	7.2	202	55.3
District 4	1	0.1	211	13.0	43	4.1	168	28.5
District 5	3	0.4	201	29.9	49	11.0	152	67.3
District 6	1	0.1	125	19.8	22	5.4	103	45.0
District 7	-	-	149	16.3	24	4.7	125	30.7
Ada	1	0.1	172	11.4	32	3.3	140	25.6
Adams	-	-	1	10.4	-	-	1	34.5
Bannock	1	0.3	65	21.1	7	3.8	58	47.1
Bear Lake	-	-	3	13.5	-	-	3	36.1
Benewah	-	-	11	42.8	2	11.3	9	112.5
Bingham	-	-	33	19.2	10	8.5	23	42.4
Blaine	-	-	8	11.6	2	4.2	6	27.5
Boise	-	-	3	15.5	2	15.0	1	16.4
Bonner	-	-	24	19.9	4	4.8	20	54.1
Bonneville	-	-	95	23.6	16	5.8	79	62.7
Boundary	-	-	8	20.6	3	11.7	5	37.6
Butte	-	-	-	-	-	-	-	-
Camas	-	-	1	30.3	-	-	1	83.3
Canyon	2	0.2	205	25.0	41	7.8	164	55.5
Caribou	-	-	3	12.5	-	-	3	39.5
Cassia	-	-	25	27.2	7	11.3	18	59.8
Clark	-	-	-	-	-	-	-	-
Clearwater	-	-	5	28.1	-	-	5	84.7
Custer	-	-	1	11.1	-	-	1	32.3
Elmore	-	-	33	42.3	9	18.2	24	83.6
Franklin	-	-	8	13.8	3	7.6	5	27.3
Fremont	-	-	12	26.8	3	10.2	9	58.1
Gem	-	-	15	28.7	1	2.8	14	82.8
Gooding	-	-	15	29.2	2	5.9	13	75.1
Idaho	-	-	8	19.8	-	-	8	59.7
Jefferson	-	-	16	14.0	3	3.8	13	36.8
Jerome	-	-	39	47.6	8	14.3	31	118.8
Kootenai	-	-	80	17.0	18	5.8	62	38.3
Latah	-	-	9	4.9	1	1.7	8	6.4
Lemhi	-	-	7	34.8	-	-	7	145.8
Lewis	-	-	1	9.3	-	-	1	29.4
Lincoln	-	-	7	31.0	1	6.5	6	83.3
Madison	-	-	16	5.5	1	1.3	15	7.2
Minidoka	2	2.6	28	40.3	7	15.7	21	84.7
Nez Perce	1	0.9	14	11.4	2	2.7	12	24.4
Oneida	-	-	4	25.6	-	-	4	83.3
Owyhee	-	-	5	11.9	1	3.6	4	28.4
Payette	-	-	16	20.9	4	8.0	12	45.6
Power	-	-	9	35.2	2	12.1	7	76.9
Shoshone	1	3.0	9	27.3	-	-	9	84.9
Teton	-	-	2	6.1	1	4.7	1	8.9
Twin Falls	1	0.3	78	27.6	22	11.9	56	57.6
Valley	-	-	3	13.9	-	-	3	40.5
Washington	1	2.6	8	25.2	1	4.6	7	70.7

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
2017

RESIDENCE	AGE GROUP							
	<15		15-19		15-17		18-19	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
IDAHO	10	100.0%	878	79.7%	199	92.1%	679	76.6%
District 1	1	100.0	109	83.2	25	92.6	84	80.8
District 2	1	100.0	32	86.5	3	100.0	29	85.3
District 3	3	100.0	207	83.5	44	91.7	163	81.5
District 4	1	100.0	166	78.7	41	95.3	125	74.4
District 5	3	100.0	167	83.1	41	83.7	126	82.9
District 6	1	100.0	93	74.4	21	95.5	72	69.9
District 7	-	-	104	69.8	24	100.0	80	64.0
Ada	1	100.0	137	79.7	31	96.9	106	75.7
Adams	-	-	-	-	-	-	-	-
Bannock	1	100.0	48	73.8	7	100.0	41	70.7
Bear Lake	-	-	-	-	-	-	-	-
Benewah	-	-	8	72.7	2	100.0	6	66.7
Bingham	-	-	29	87.9	10	100.0	19	82.6
Blaine	-	-	6	75.0	2	100.0	4	66.7
Boise	-	-	3	100.0	2	100.0	1	100.0
Bonner	-	-	19	82.6	4	100.0	15	78.9
Bonneville	-	-	76	80.0	16	100.0	60	75.9
Boundary	-	-	5	62.5	2	66.7	3	60.0
Butte	-	-	-	-	-	-	-	-
Camas	-	-	1	100.0	-	-	1	100.0
Canyon	2	100.0	175	86.2	39	95.1	136	84.0
Caribou	-	-	3	100.0	-	-	3	100.0
Cassia	-	-	22	88.0	5	71.4	17	94.4
Clark	-	-	-	-	-	-	-	-
Clearwater	-	-	5	100.0	-	-	5	100.0
Custer	-	-	1	100.0	-	-	1	100.0
Elmore	-	-	23	69.7	8	88.9	15	62.5
Franklin	-	-	6	75.0	2	66.7	4	80.0
Fremont	-	-	8	66.7	3	100.0	5	55.6
Gem	-	-	12	80.0	1	100.0	11	78.6
Gooding	-	-	13	86.7	1	50.0	12	92.3
Idaho	-	-	7	87.5	-	-	7	87.5
Jefferson	-	-	9	56.3	3	100.0	6	46.2
Jerome	-	-	30	76.9	5	62.5	25	80.6
Kootenai	-	-	70	87.5	17	94.4	53	85.5
Latah	-	-	7	77.8	1	100.0	6	75.0
Lemhi	-	-	5	71.4	-	-	5	71.4
Lewis	-	-	-	-	-	-	-	-
Lincoln	-	-	7	100.0	1	100.0	6	100.0
Madison	-	-	4	25.0	1	100.0	3	20.0
Minidoka	2	100.0	21	75.0	7	100.0	14	66.7
Nez Perce	1	100.0	13	92.9	2	100.0	11	91.7
Oneida	-	-	3	75.0	-	-	3	75.0
Owyhee	-	-	3	60.0	1	100.0	2	50.0
Payette	-	-	10	62.5	2	50.0	8	66.7
Power	-	-	4	44.4	2	100.0	2	28.6
Shoshone	1	100.0	7	77.8	-	-	7	77.8
Teton	-	-	1	50.0	1	100.0	-	-
Twin Falls	1	100.0	67	85.9	20	90.9	47	83.9
Valley	-	-	3	100.0	-	-	3	100.0
Washington	1	100.0	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
2017

RESIDENCE	AGE GROUP							
	<15		15-19		15-17		18-19	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
IDAHO	1	10.0%	101	9.1%	27	12.5%	74	8.3%
District 1	-	-	11	8.3	5	18.5	6	5.7
District 2	1	100.0	1	2.7	-	-	1	2.9
District 3	-	-	23	9.2	3	6.3	20	9.9
District 4	-	-	18	8.5	3	7.0	15	8.9
District 5	-	-	20	10.0	11	22.4	9	5.9
District 6	-	-	12	9.6	2	9.1	10	9.7
District 7	-	-	16	10.7	3	12.5	13	10.4
Ada	-	-	14	8.1	3	9.4	11	7.9
Adams	-	-	-	-	-	-	-	-
Bannock	-	-	7	10.8	-	-	7	12.1
Bear Lake	-	-	-	-	-	-	-	-
Benewah	-	-	-	-	-	-	-	-
Bingham	-	-	1	3.0	1	10.0	-	-
Blaine	-	-	1	12.5	1	50.0	-	-
Boise	-	-	-	-	-	-	-	-
Bonner	-	-	5	20.8	2	50.0	3	15.0
Bonneville	-	-	11	11.6	2	12.5	9	11.4
Boundary	-	-	1	12.5	-	-	1	20.0
Butte	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-
Canyon	-	-	16	7.8	3	7.3	13	7.9
Caribou	-	-	1	33.3	-	-	1	33.3
Cassia	-	-	3	12.0	2	28.6	1	5.6
Clark	-	-	-	-	-	-	-	-
Clearwater	-	-	-	-	-	-	-	-
Custer	-	-	-	-	-	-	-	-
Elmore	-	-	3	9.1	-	-	3	12.5
Franklin	-	-	2	25.0	1	33.3	1	20.0
Fremont	-	-	1	8.3	1	33.3	-	-
Gem	-	-	5	33.3	-	-	5	35.7
Gooding	-	-	3	20.0	1	50.0	2	15.4
Idaho	-	-	1	12.5	-	-	1	12.5
Jefferson	-	-	1	6.3	-	-	1	7.7
Jerome	-	-	2	5.1	1	12.5	1	3.2
Kootenai	-	-	4	5.0	3	16.7	1	1.6
Latah	-	-	-	-	-	-	-	-
Lemhi	-	-	1	14.3	-	-	1	14.3
Lewis	-	-	-	-	-	-	-	-
Lincoln	-	-	1	14.3	-	-	1	16.7
Madison	-	-	2	12.5	-	-	2	13.3
Minidoka	-	-	5	17.9	2	28.6	3	14.3
Nez Perce	1	100.0	-	-	-	-	-	-
Oneida	-	-	-	-	-	-	-	-
Owyhee	-	-	-	-	-	-	-	-
Payette	-	-	2	12.5	-	-	2	16.7
Power	-	-	1	11.1	-	-	1	14.3
Shoshone	-	-	1	11.1	-	-	1	11.1
Teton	-	-	-	-	-	-	-	-
Twin Falls	-	-	5	6.4	4	18.2	1	1.8
Valley	-	-	1	33.3	-	-	1	33.3
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 2017

RESIDENCE	AGE GROUP											
	<15			15-19			15-17			18-19		
	Number	Ratio	Rate	Number	Ratio	Rate	Number	Ratio	Rate	Number	Ratio	Rate
IDAHO	3	300.0	0.0	211	191.0	3.6	57	263.9	1.5	154	173.2	6.9
District 1	2	2,000.0	0.3	33	250.0	4.8	8	296.3	1.7	25	238.1	10.8
District 2	-	-	-	15	405.4	4.0	2	666.7	1.1	13	382.4	6.6
District 3	-	-	-	47	188.0	4.6	15	312.5	2.3	32	158.4	8.8
District 4	1	1,000.0	0.1	65	308.1	4.0	15	348.8	1.4	50	297.6	8.5
District 5	-	-	-	19	94.5	2.8	6	122.4	1.3	13	85.5	5.8
District 6	-	-	-	20	160.0	3.2	7	318.2	1.7	13	126.2	5.7
District 7	-	-	-	12	80.5	1.3	4	166.7	0.8	8	64.0	2.0
Ada	1	1,000.0	0.1	61	354.7	4.0	12	375.0	1.2	49	350.0	9.0
Adams	-	-	-	-	-	-	-	-	-	-	-	-
Bannock	-	-	-	15	230.8	4.9	5	714.3	2.7	10	172.4	8.1
Bear Lake	-	-	-	1	333.3	4.5	-	-	-	1	333.3	12.0
Benewah	-	-	-	-	-	-	-	-	-	-	-	-
Bingham	-	-	-	1	30.3	0.6	-	-	-	1	43.5	1.8
Blaine	-	-	-	1	125.0	1.4	1	500.0	2.1	-	-	-
Boise	-	-	-	-	-	-	-	-	-	-	-	-
Bonner	-	-	-	6	250.0	5.0	-	-	-	6	300.0	16.2
Bonneville	-	-	-	4	42.1	1.0	1	62.5	0.4	3	38.0	2.4
Boundary	-	-	-	-	-	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-	-	-
Canyon	-	-	-	36	175.6	4.4	12	292.7	2.3	24	146.3	8.1
Caribou	-	-	-	-	-	-	-	-	-	-	-	-
Cassia	-	-	-	-	-	-	-	-	-	-	-	-
Clark	-	-	-	-	-	-	-	-	-	-	-	-
Clearwater	-	-	-	-	-	-	-	-	-	-	-	-
Custer	-	-	-	-	-	-	-	-	-	-	-	-
Elmore	-	-	-	3	90.9	3.8	2	222.2	4.0	1	41.7	3.5
Franklin	-	-	-	-	-	-	-	-	-	-	-	-
Fremont	-	-	-	2	166.7	4.5	-	-	-	2	222.2	12.9
Gem	-	-	-	5	333.3	9.6	1	1,000.0	2.8	4	285.7	23.7
Gooding	-	-	-	3	200.0	5.8	-	-	-	3	230.8	17.3
Idaho	-	-	-	1	125.0	2.5	-	-	-	1	125.0	7.5
Jefferson	-	-	-	3	187.5	2.6	1	333.3	1.3	2	153.8	5.7
Jerome	-	-	-	4	102.6	4.9	2	250.0	3.6	2	64.5	7.7
Kootenai	2	**	0.4	25	312.5	5.3	6	333.3	1.9	19	306.5	11.7
Latah	-	-	-	8	888.9	4.3	-	-	-	8	1,000.0	6.4
Lemhi	-	-	-	2	285.7	10.0	2	**	13.1	-	-	-
Lewis	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln	-	-	-	-	-	-	-	-	-	-	-	-
Madison	-	-	-	1	62.5	0.3	-	-	-	1	66.7	0.5
Minidoka	-	-	-	2	71.4	2.9	1	142.9	2.2	1	47.6	4.0
Nez Perce	-	-	-	6	428.6	4.9	2	1,000.0	2.7	4	333.3	8.1
Oneida	-	-	-	1	250.0	6.4	1	**	9.3	-	-	-
Owyhee	-	-	-	-	-	-	-	-	-	-	-	-
Payette	-	-	-	4	250.0	5.2	1	250.0	2.0	3	250.0	11.4
Power	-	-	-	2	222.2	7.8	1	500.0	6.1	1	142.9	11.0
Shoshone	-	-	-	2	222.2	6.1	2	**	8.9	-	-	-
Teton	-	-	-	-	-	-	-	-	-	-	-	-
Twin Falls	-	-	-	9	115.4	3.2	2	90.9	1.1	7	125.0	7.2
Valley	-	-	-	1	333.3	4.6	1	**	7.0	-	-	-
Washington	-	-	-	2	250.0	6.3	1	1,000.0	4.6	1	142.9	10.1

** 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.

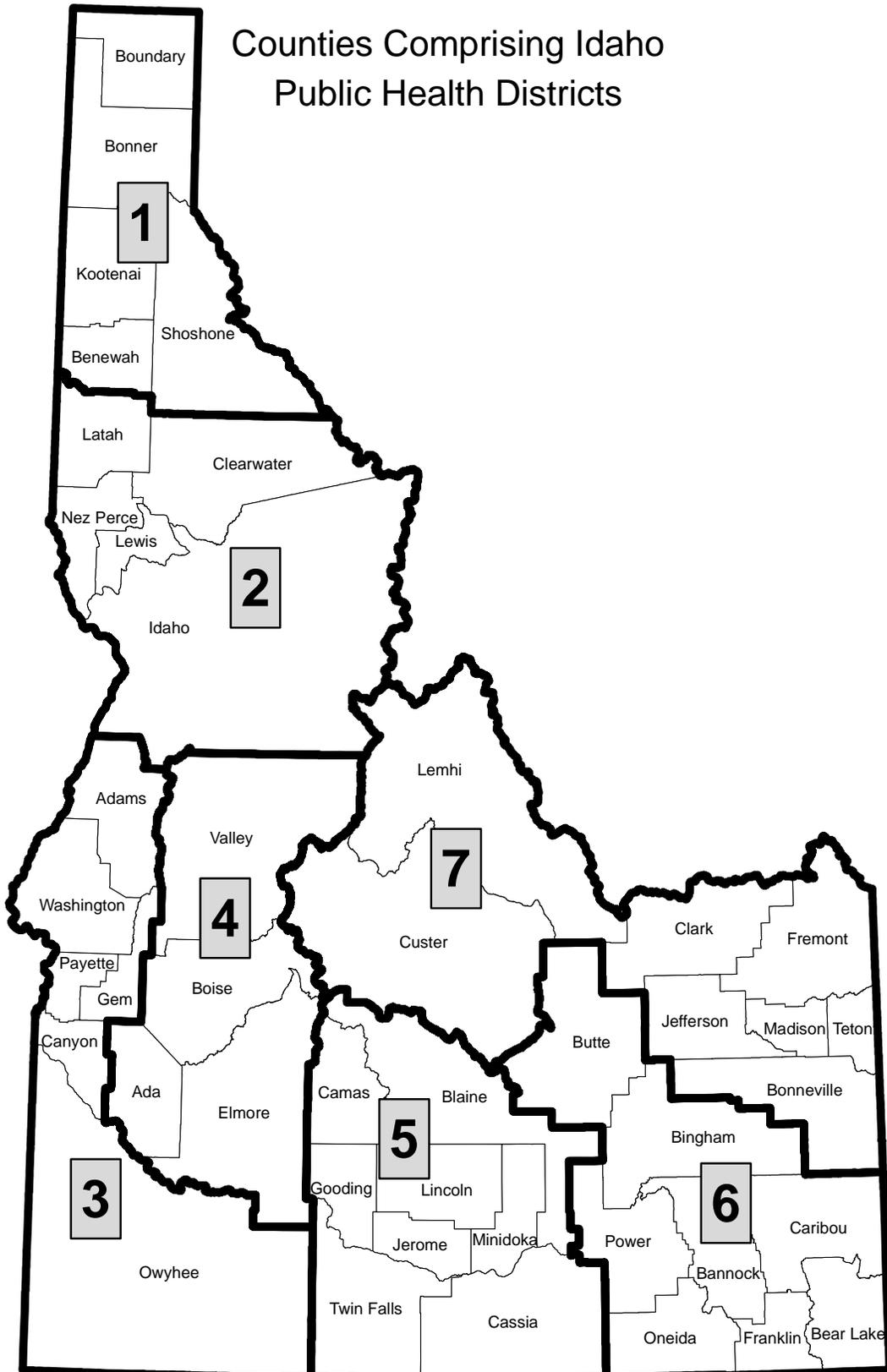
2017 IDAHO RESIDENT LIVE BIRTHS

Most Common Given Names				Selected Unique Baby Names, Yewneek Baybee Spellings		
Male		Female		Male	Female	
1.	Oliver	(114)	Emma	(108)	Arseny	Adventure
2.	Liam	(102)	Olivia	(102)	Banker	Airrickah
3.	William	(93)	Charlotte	(96)	Calgary	Claritee
4.	James	(87)	Evelyn	(91)	Chantz	Deeva
5.	Lincoln	(85)	Amelia	(78)	Chevi	Delight
6.	* Samuel	(84)	Harper	(75)	Cuahuhtemoc	Embers
7.	Mason	(80)	Ava	(75)	Dartanian	Epic
8.	Logan	(78)	Abigail	(71)	Desirejoy	Evening
9.	* Jackson	(78)	Sophia	(67)	Destined	Favour
10.	Henry	(78)	Elizabeth	(60)	Everest	Flawless
11.	Wyatt	(73)	Isabella	(55)	Gardner Jack	Harvest
12.	Elijah	(72)	* Lillian	(52)	Goutham	Heartland
13.	Benjamin	(72)	Claire	(51)	Hiker	Helvetika
14.	Jack	(66)	Hazel	(50)	Ilijah	Island
15.	Owen	(65)	* Aria	(50)	Jadakiss	Jood
16.	Noah	(64)	Paisley	(50)	Khuzaymah	Leaf
17.	Daniel	(63)	Lily	(47)	Lucifer	Maleficent
18.	Luke	(62)	Avery	(47)	Messiah	Moon
19.	* Michael	(62)	* Piper	(46)	Obsidian	Petal
20.	Carter	(61)	* Aurora	(45)	Olyvr	Rapunzel
21.	* Ryker	(61)	Emily	(43)	Sinister	Raygan
22.	* Alexander	(60)	Brooklyn	(43)	Solaris	Rhythm
23.	Easton	(58)	Mia	(42)	Venture	Royalty
24.	* Cooper	(58)	Ellie	(42)	Watt	Solstice
25.	* Aiden	(54)	* Hannah	(41)	Zealous	Tempest
			* Addison	(41)		

(Number of Occurrences)

* Name was not on Idaho's 25 most common given names list in 2016.
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 2017, there were 593 in-state births and 27 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 27 out-of-state births with multiple race of mother are included in "other race" category in 2017.

Year	Mother's Race Births in Idaho			Mother's Race Births Out of State		
	Total	Single Race	Multiple Race	Total	Single Race	Multiple Race
2015	21,724	21,179	545	1,108	1,083	25
2016	21,400	20,868	532	1,062	1,041	21
2017	21,121	20,528	593	1,038	1,011	27

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	2014	2015	2016	2017
White	20,455	20,448	20,046	19,524
Black	233	267	296	332
American Indian/Alaska Native	380	370	390	378
Asian or Pacific Islander	473	495	479	471
Other race	1,227	1,164	1,140	1,375
Race not stated	120	88	111	79

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 2017, 97.6 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, 2016		July 1, 2017	
	Number	Percent	Number	Percent	Number	Percent
Total	1,567,582	100.0%	1,683,140	100.0%	1,716,943	100.0%
White	1,496,784	95.5%	1,596,443	94.8%	1,626,437	94.7%
Black	15,104	1.0%	20,021	1.2%	21,230	1.2%
American Indian/ Alaska Native	29,801	1.9%	34,218	2.0%	34,832	2.0%
Asian/ Pacific Islander	25,893	1.7%	32,458	1.9%	34,444	2.0%

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 27, 2018. 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.

HW-1206 November 2018