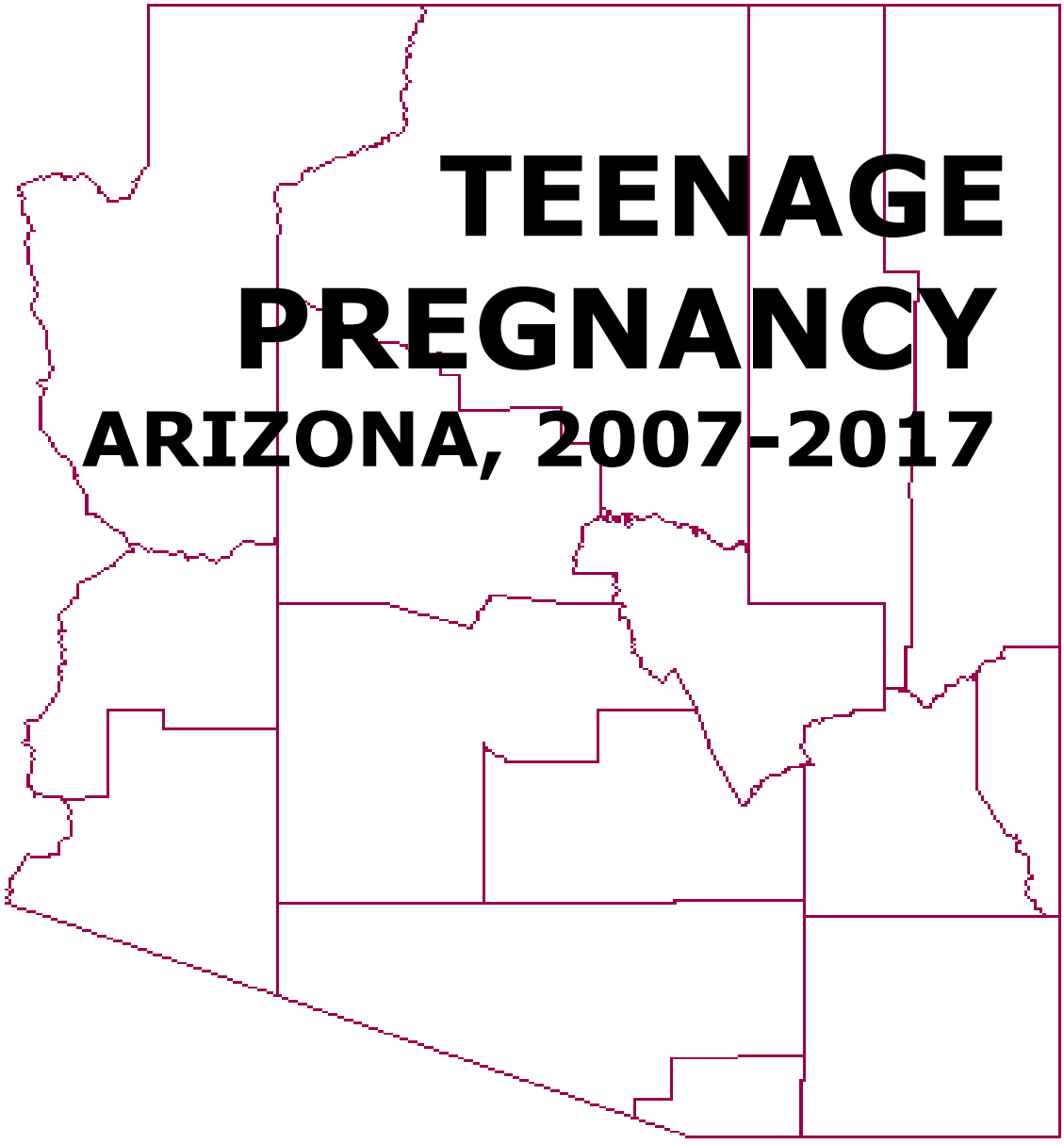

# TEENAGE PREGNANCY

## ARIZONA, 2007-2017

ARIZONA DEPARTMENT
OF HEALTH SERVICES

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**POPULATION HEALTH AND VITAL STATISTICS SECTION**
150 North 18th Avenue, Suite 550
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# TEENAGE PREGNANCY, ARIZONA, 2007-2017

**by**

**Marguerite L. S. Kemp, Ph.D., Arizona Vital Statistician**
**Yan Huang, M.S., Vital Statistics Health Management Analyst**
**Clare Torres, Senior Health Data Analyst**

**February 2019**

# TEENAGE PREGNANCY, ARIZONA, 2007-2017

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## PURPOSE

This report is the annual update of information about pregnancies among females under age 20. The data for 2017 is placed in a temporal context by comparing it with the data from the preceding years. Earlier reports are available online at http://pub.azdhs.gov/health-stats/report/tp/index.php.

## METHODS AND SOURCES

In this report, pregnancies are measured as the sum of three components: live births, fetal deaths (or stillbirths), and reported abortions to Arizona resident women, unless otherwise specified. Not included are spontaneous fetal losses that occur at less than 20 weeks of gestation. Induced terminations of pregnancy do not include those performed out-of-state to Arizona residents, since they are not reported in Arizona. Pregnancy statistics for Arizona are not available on a sub-county level.

Teens are defined as 10-14 year old preadolescents and adolescents 15-19 years of age. Where possible, the data presented distinguishes 18-19 year old teenagers from those aged 15-17 and girls less than 15 years of age.

The primary source documents for the data are the certificates of live births, certificates of fetal deaths, and reports of induced terminations of pregnancy filed with the Arizona Department of Health Services.

The population denominators for Arizona's resident females used to calculate rates for 2003-2009 and 2011-2017 are population estimates of Arizona resident females aged 10-19 years. The 2010 denominators are the actual census enumerations from the U.S. Census Bureau. Detailed information about the assumptions and specific data sources is available online at http://pub.azdhs.gov/health-stats/menu/info/pop/index.php.

The 2017 Teenage Pregnancy report suppresses information in tables with small cell sizes. To protect the anonymity of the individuals included in this report, cells in tables with five or fewer observations are denoted by an asterisk (*), cells containing rates based on counts of five or fewer are denoted by a double-asterisk (**), and cells containing sums based on addends of five or fewer are rounded to the nearest tens-unit and denoted by a dagger (†).

## DATA ORGANIZATION

Tables 1-14 present annual numbers and rates of pregnancy, fertility, and abortion by year from 2007 to 2017 for Arizona teens. Information is presented for specific age groups and by race/ethnicity. Temporal trends and changes may be assessed from this data. Proportional contribution of teen births to all births is shown in Table 10 by area of residence and race/ethnic group in Arizona from 2007 to 2017. Table 11 compares birth rates in Arizona to those in the United States. The annual numbers of repeat pregnancies among teenage mothers are shown by age and year from 2007 to 2017 in Table 12.

Table 14 presents teen pregnancy rates by race/ethnicity and age group by year from 2007 to 2017. Table 15 provides information about the incidence of sexually transmitted infections among females 10-14 and 15-19 years old in Arizona in 2007-2017. Table 16 shows the incidence rates by year from 2007 to 2017.

Frequency counts, proportions, and rates in Tables 17-32 all apply to the 2017 data. Tables 17-18 and 20-22 provide data by county of residence. Table 19 presents pregnancy rates by single year of age among females 19 and younger. Live births to teenage mothers are also reported in Tables 23-30 by source of payment for labor and delivery, previous pregnancies, marital status, education, trimester of entry into prenatal care, number of prenatal visits, tobacco use during pregnancy, and risk for low-birthweight by selected characteristics. The 2017 population denominators for Arizona resident females by age group and race/ethnicity, as well as by age group and county of residence, are presented in Table 31 and Table 32. The *Appendix* demonstrates "How to compute the rates of first and repeat childbearing" using the annual data for 2007-2017.

## COMPARATIVE NATIONAL AND STATE DATA

Timely, comparable, and reliable teen pregnancy statistics for other States and the Nation provide meaningful comparisons to place Arizona's teenage birth experiences in context. The Center for Disease Control (CDC) provides a useful source of information on national pregnancy outcomes. The most recent national abortion data provided by the CDC available is for 2015[1] and the most recent fetal death report published by the CDC presents statistics from 2014 through 2016[2]. Another source of national data on reproductive health is the Guttmacher Institute. The latest report[3], published by the Institute in September 2017, covers statistics available on the incidence of teen pregnancy, birth and abortion in the United States for 2013, with trend analysis since 1975. The authors present the complete count of births provided by every state to the NCHS in combination with the estimated numbers of abortions, early miscarriages, and fetal deaths. The number of abortions is estimated from surveys the Alan Guttmacher Institute conducts of known abortion providers (i.e. these data are by the place of occurrence and not by the woman's place of residence). The fetal loss estimates – including early miscarriages before 20 weeks of gestation (and estimated as 20% of live births plus 10% of abortions) - are from pregnancy history information collected by the National Survey of Family Growth (NSFG). Unlike vital statistics reports of fetal losses occurring at gestations of 20 weeks or more, NSFG include all gestations. Since the majority of fetal losses occur early in pregnancy before the reporting requirements for fetal deaths are in effect, their inclusion dramatically raises both the fetal loss rate and the pregnancy rate. The National Survey of Family Growth data are not state-specific. The pregnancy rates for Arizona teens cannot be compared with the rates for their peers nationally.

No comparable state-by-state teen pregnancy data for 2007 – 2017 are available at this time.

## KEY FINDINGS

The following section presents some illustrative findings contained in the figures and tables of the report. It is not intended to be an exhaustive analysis of the tabulated data.

- **In 2017, the pregnancy rate of 13.7 pregnancies per 1,000 females 19 years or younger was 60.0 percent lower than the rate of 34.4 per 1,000 in 2007. The teen pregnancy rate of 13.7 per 1,000 females 19 years or younger was the lowest teen pregnancy rate since at least 1983.**
- **It is only since 2008 that the reduction in the number of teen pregnancies was accompanied by an equally impressive decline in pregnancy rates.**
- **Historically, the declines in teenage pregnancy have been steeper for younger than for older teenagers, but recently are becoming more closely aligned. The rate for teenagers 15-17 years dropped steeply by 69.4 percent from 36.9 per 1,000 in 2007 to 11.3 in 2017. The rate for older teenagers (aged 18-19 years) fell by 58.0 percent from 121.4 per 1,000 in 2007 to 50.9 per 1,000 in 2017.**
- **The 2017 teen pregnancy rate of 13.7 per 1,000 was based on 6,252 pregnancies occurring among 454,914 females aged 10-19 years. The number of 6,252 teen pregnancies in 2017 was 7.0 percent lower than 2016 and was the lowest number of teen pregnancies since 1984.**
- **From 2007 to 2017, the number of teen pregnancies declined most among Hispanic or Latino teens (58.9 percent), followed by declines among American Indians (59.6 percent), and White non-Hispanic teens (61.6 percent).**
- **In 2017, Hispanic or Latino females accounted for 56.2 percent of all pregnancies in this age group, followed by White non-Hispanics (25.2 percent).**
- **In each year from 2007 to 2017, the pregnancy rates of Hispanic or Latino females were consistently greater than the average rates for all females 19 years or younger in Arizona. In 2017, the Hispanic rate exceeded the average rate for all groups by 29.8 percent.**
- **If the 2017 "risk of pregnancy" for Asian teens (i.e., their pregnancy rate of 5.8 per 1,000), were to be applied to all Arizona females 19 years or younger, it would reduce the number of Arizona teen pregnancies from 6,252 to just 2,639 ((5.8 per 1,000) * 454,914).**
- **The first birth rate for childless teenagers has dropped 62.3 percent from 49.9 first-time births per 1,000 females 15-19 years old in 2007 to 18.8 per 1,000 in 2017.**
- **The repeat birth rates for teenagers who had already had a child decreased by 22.3 percent from 190.6 in 2007 to 148.1 per 1,000 females 15-19 years old in 2017, who had a previous birth.**
- **Unwed mothers have accounted for an increasing annual proportion of births throughout the 1990s and 2000s. In 2017, non-marital births accounted for 89.4 percent of births to mothers 19 years or younger.**
- **The total number of births to mothers 19 years or younger decreased by 61.1 percent from 12,972 in 2007 to 5,041 in 2017. In contrast, the proportional share of births paid for by the Arizona Health Care Cost Containment System (AHCCCS, the State's Medicaid program) increased from 80.1 percent in 2007 to 84.5 percent in 2017.**

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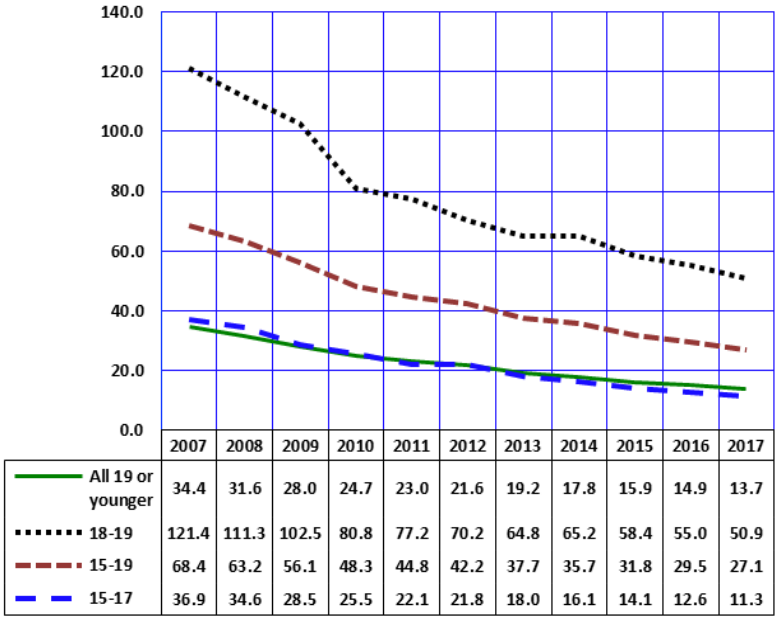
[1] https://www.cdc.gov/mmwr/volumes/67/ss/ss6713a1.htm
[2] https://www.cdc.gov/nchs/products/databriefs/db316.htm
[3] https://www.guttmacher.org/report/us-adolescent-pregnancy-trends-2013

**Figure 1**
**Pregnancy Rates by Age Group and Year among Females 19 or Younger, Arizona, 2007-2017**



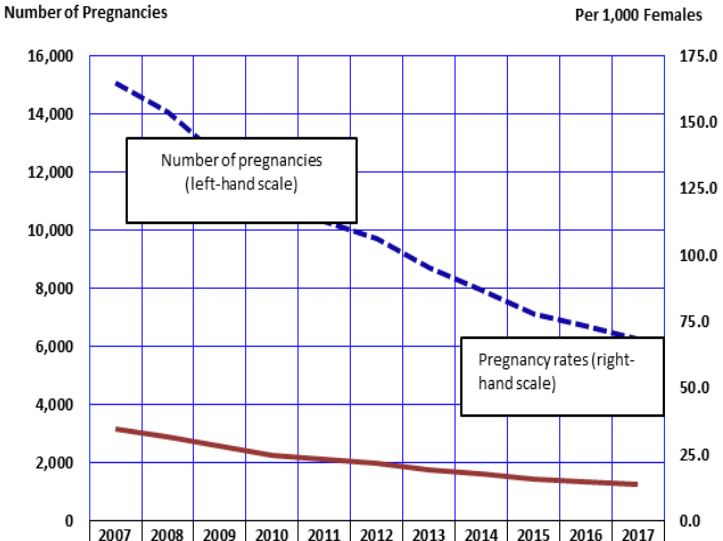

| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| All 19 or younger | 34.4 | 31.6 | 28.0 | 24.7 | 23.0 | 21.6 | 19.2 | 17.8 | 15.9 | 14.9 | 13.7 |
| 18-19 | 121.4 | 111.3 | 102.5 | 80.8 | 77.2 | 70.2 | 64.8 | 65.2 | 58.4 | 55.0 | 50.9 |
| 15-19 | 68.4 | 63.2 | 56.1 | 48.3 | 44.8 | 42.2 | 37.7 | 35.7 | 31.8 | 29.5 | 27.1 |
| 15-17 | 36.9 | 34.6 | 28.5 | 25.5 | 22.1 | 21.8 | 18.0 | 16.1 | 14.1 | 12.6 | 11.3 |

Note: All rates are per 1,000 females in specified group.

Teenage pregnancy rates dropped 60.0 percent overall from 2007 to 2017. (**Figure 1**, **Table 2**). The declines in teenage pregnancy have been much steeper for younger than for older teenagers. The rate for teenagers 15-17 years dropped steeply by 69.4 percent from 36.9 per 1,000 in 2007 to 11.3 in 2017. The rate for older teenagers (aged 18-19 years) fell by 58.0 percent from 121.4 per 1,000 in 2007 to 50.9 per 1,000 in 2017.

From 2007 to 2017, birth rate of teenagers 19 years old or younger declined; fetal losses rate fell and remained pretty stable at 0.1 per 1,000 females, while the abortion rate increased from 2010 to 2011 and returned to 3.4 per 1,000 females in 2012 then declined at 2.6 per 1,000 females in 2017 (**Table 2**). The increase in the teenage abortion rate from 2010 to 2011 is likely attributable to changes in abortion reporting requirements that took effect in 2011.

**Figure 2**
**Trends in the Number of Pregnancies and Pregnancy Rates among Females 19 or Younger, Arizona, 2007-2017**




| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Pregnancies | 15,038 | 14,047 | 12,537 | 10,980 | 10,269 | 9,710 | 8,715 | 7,924 | 7,121 | 6,724 | 6,252 |
| Pregnancy rates | 34.4 | 31.6 | 28.0 | 24.7 | 23.0 | 21.6 | 19.2 | 17.8 | 15.9 | 14.9 | 13.7 |

Note: Pregnancy rate = the number of pregnancies per 1,000 females in specified group.

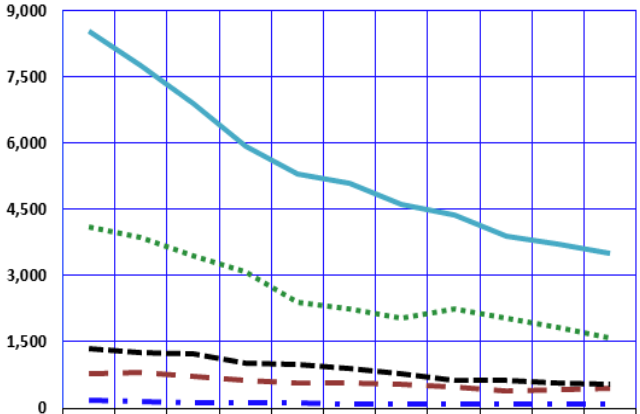
Trends in the number of pregnancies to teenage women do not always parallel the pregnancy rate. The teen pregnancy rate measures the proportion of teenagers becoming pregnant in a given year; in other words, the relative "*risk for pregnancy*" in a population "*at risk.*" The number of pregnancies is, however, also determined by the size of the population "*at risk,*", or in this case by the number of teenage females in the population.

The 2017 teen pregnancy rate of 13.7 per 1,000 was based on 6,252 pregnancies occurring among 454,914 females aged 10-19 years. The number of 6,252 teen pregnancies in 2017 was 7.0 percent lower than 2016 and was the lowest number of teen pregnancies since 1984.

The number of pregnancies to Hispanic females aged 19 years or younger exceeded the number of pregnancies among White non-Hispanic peers in every year since 1994 (**Figure 3** and **Table 8** in this report show only the data for 2007-2017). In 2017, Hispanic or Latino females accounted for 56.2 percent of all pregnancies in this age group, followed by White non-Hispanics (25.2 percent). Black or African American, Asian or Pacific Islander, and American Indian females aged 19 years or younger accounted for a larger share of pregnancies in 2017 (17.4 percent) than they did in 2007 (15.2 percent).

From 2007 to 2017, the number of teen pregnancies declined particularly steeply for White non-Hispanic (61.6 percent), American Indians (59.6 percent), and Hispanic or Latino (58.9 percent).

**Figure 3**
**Trends in the Number of Pregnancies* by Race/Ethnicity among Females 19 or Younger, Arizona, 2007-2017**




| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| White non-Hispanic | 4,101 | 3,852 | 3,454 | 3,086 | 2,392 | 2,239 | 2,050 | 2,255 | 2,024 | 1,834 | 1,575 |
| Hispanic | 8,545 | 7,764 | 6,896 | 5,918 | 5,297 | 5,085 | 4,618 | 4,370 | 3,908 | 3,723 | 3,513 |
| Black | 766 | 812 | 722 | 635 | 580 | 562 | 537 | 490 | 400 | 431 | 450 |
| American Indian | 1,353 | 1,246 | 1,229 | 1,025 | 997 | 902 | 787 | 634 | 627 | 579 | 546 |
| Asian | 167 | 149 | 129 | 117 | 116 | 88 | 83 | 92 | 92 | 77 | 89 |

Note: The sum of live births + induced abortions + spontaneous fetal deaths.

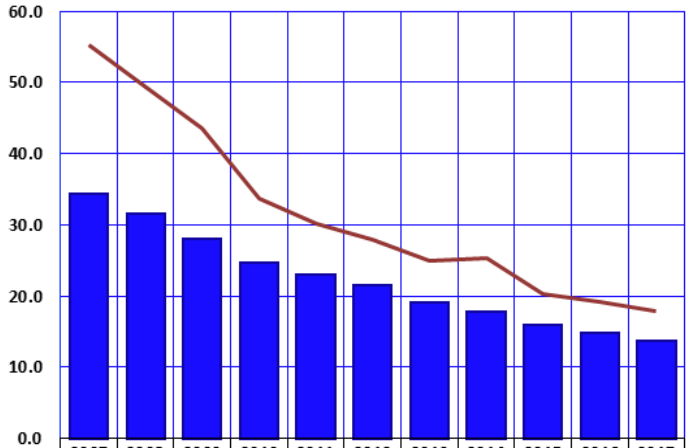
The teen pregnancy rates for all race and ethnic groups were lower in 2017 than in 2007 (**Figure 1**). However, the temporal trends in annual teen pregnancy rates differed considerably by race/ethnicity.

**Figures 4**, **5**, **6**, **7,** and **8** reveal race/ethnicity-specific trends in teen pregnancy rates in Arizona in 2007-2017.

From 2007 to 2017, the teenage pregnancy rate for Hispanic or Latino women declined more than 50 percent (67.8 percent), with the majority of the decline occurring between 2007 and 2017 (**Figure 4**).

In each year from 2007 to 2017, the pregnancy rates of Hispanic or Latino females were consistently greater than the average rates for all females 19 years or younger in Arizona. In 2017, the Hispanic rate exceeded the average rate for all groups by 29.8 percent.

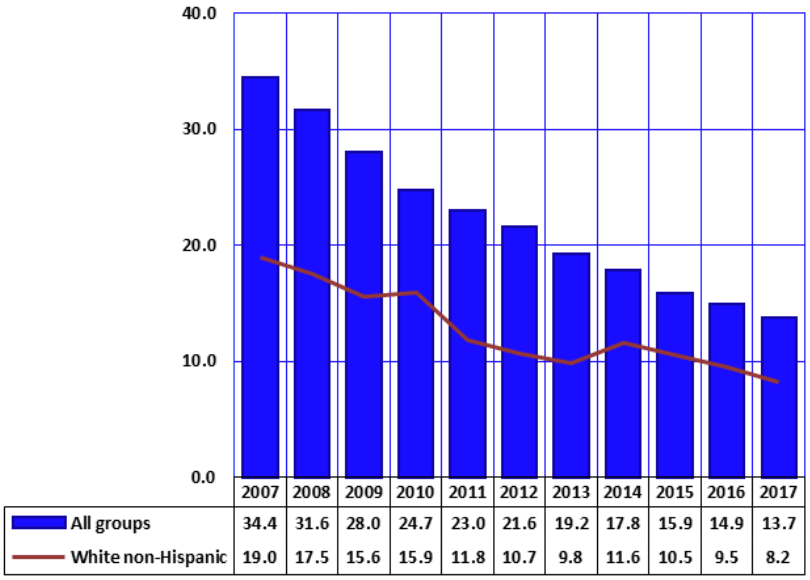
**Figure 4**
**Comparison of Pregnancy Rates by Year among Hispanic or Latinos and all Females 19 or Younger, Arizona, 2007-2017**




| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| All groups | 34.4 | 31.6 | 28.0 | 24.7 | 23.0 | 21.6 | 19.2 | 17.8 | 15.9 | 14.9 | 13.7 |
| Hispanic | 55.3 | 49.4 | 43.5 | 33.8 | 30.2 | 28.0 | 25.0 | 25.4 | 20.4 | 19.3 | 17.8 |

Note: All rates are per 1,000 females in specified group.

**Figure 5**
**Comparison of Pregnancy Rates by Year among White non-Hispanics and all Females 19 or Younger, Arizona, 2007-2017**

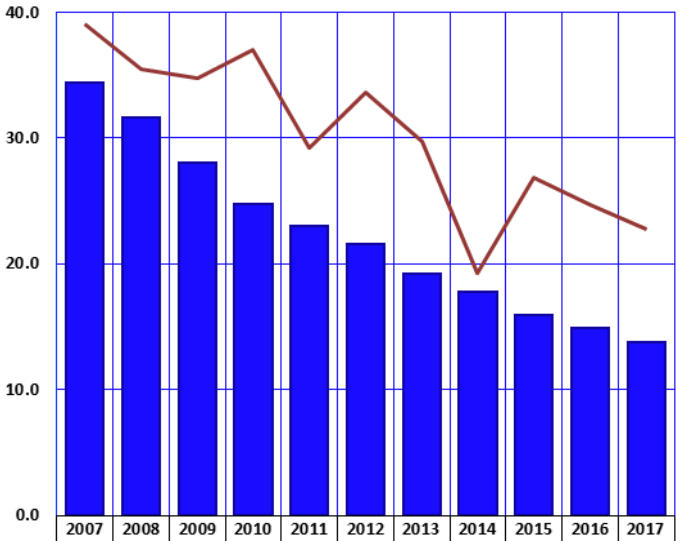



| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| All groups | 34.4 | 31.6 | 28.0 | 24.7 | 23.0 | 21.6 | 19.2 | 17.8 | 15.9 | 14.9 | 13.7 |
| White non-Hispanic | 19.0 | 17.5 | 15.6 | 15.9 | 11.8 | 10.7 | 9.8 | 11.6 | 10.5 | 9.5 | 8.2 |

Note: All rates are per 1,000 females in specified group.

The pregnancy rate for White non-Hispanics has gradually declined from 2007 to 2017 (57.1 percent), with the exception of slight increases in 2010 and 2014 (**Figure 5**). In each year from 2007 to 2017, the pregnancy rates for White non-Hispanic females were lower than the average rates for all females 19 years or younger in Arizona.

**Figure 6**
**Comparison of Pregnancy Rates by Year among American Indian or Alaska Natives and all Females 19 or Younger, Arizona, 2007-2017**




| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| All groups | 34.4 | 31.6 | 28.0 | 24.7 | 23.0 | 21.6 | 19.2 | 17.8 | 15.9 | 14.9 | 13.7 |
| American Indian | 39.1 | 35.5 | 34.7 | 37.0 | 29.2 | 33.6 | 29.7 | 19.2 | 26.8 | 24.7 | 22.8 |

Note: Pregnancy rate = the number of pregnancies per 1,000 females in specified group.

The pregnancy rate among American Indian females 19 years or younger varied somewhat erratically from 2007 to 2017, showing a 21.1 percent decrease from 2010 to 2011, a 15.1 percent increase from 2011 to 2012, a 35.4 percent decline from 2013 to 2014, an increase in 2015, then again a decrease in 2016 and in 2017 (**Figure 6**). The American Indian teenage pregnancy rate was higher than the average for all groups from 2007 to 2017.

**Figure 7**
**Comparison of Pregnancy Rates by Year among Black or African Americans and all Females 19 or Younger, Arizona, 2007-2017**

Pregnancy rates for Black or African American females 19 years or younger decreased from 36.1 per 1,000 in 2007 to 17.8 per 1,000 in 2017 (**Figure 7**). Excluding 2014, the pregnancy rates for Black or African American teenagers exceeded the pregnancy rate for all groups.

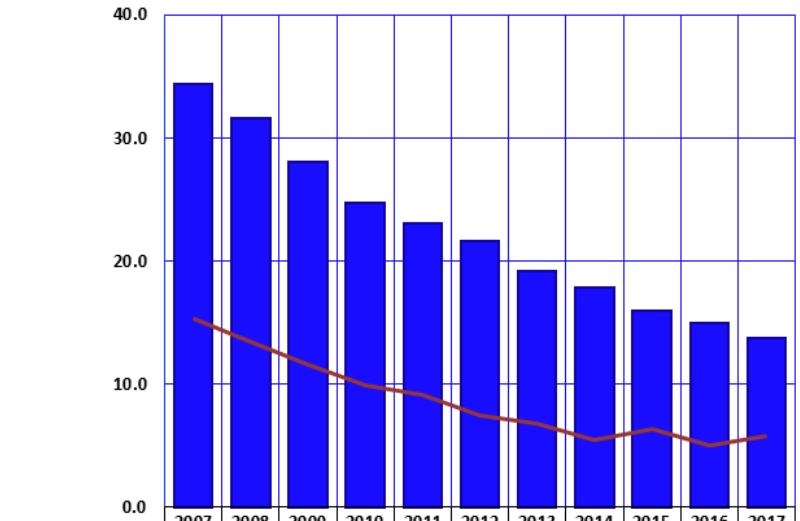
| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| All groups | 34.4 | 31.6 | 28.0 | 24.7 | 23.0 | 21.6 | 19.2 | 17.8 | 15.9 | 14.9 | 13.7 |
| Black | 36.1 | 37.7 | 33.3 | 29.5 | 24.9 | 26.2 | 25.1 | 16.9 | 16.6 | 17.3 | 17.8 |

Note: All rates are per 1,000 females in specified group.

**Figure 8**
**Comparison of Pregnancy Rates by Year among Asian or Pacific Islanders and all Females 19 or Younger, Arizona, 2007-2017**

In each year from 2007 to 2017, the pregnancy rates for Asian or Pacific Islander females 19 years or younger were substantially lower than the average rates among all females 19 years or younger in Arizona (**Figure 8**). In 2017, the Asian rate (5.8 per 1,000) was 57.8 percent lower than the rate for all groups (13.7 per 1,000).

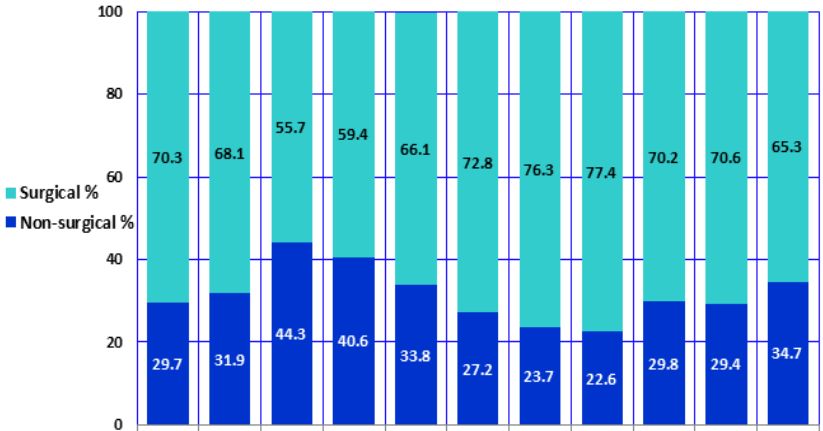
If the 2017 "risk for pregnancy" of Asian teens (i.e., their pregnancy rate) applied to all Arizona females 19 years or younger, the number of teen pregnancies in the State would have been reduced from 6,252 to approximately 2,639 ((5.8 per 1,000) * 454,914).




| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| All groups | 34.4 | 31.6 | 28.0 | 24.7 | 23.0 | 21.6 | 19.2 | 17.8 | 15.9 | 14.9 | 13.7 |
| Asian | 15.3 | 13.5 | 11.6 | 9.9 | 9.1 | 7.5 | 6.8 | 5.5 | 6.3 | 5.0 | 5.8 |

Note: All rates are per 1,000 females in specified group.

**Figure 9**
**Proportional Contribution of Surgical and Non-Surgical Abortions by Year among Females 19 or Younger, Arizona, 2007-2017**

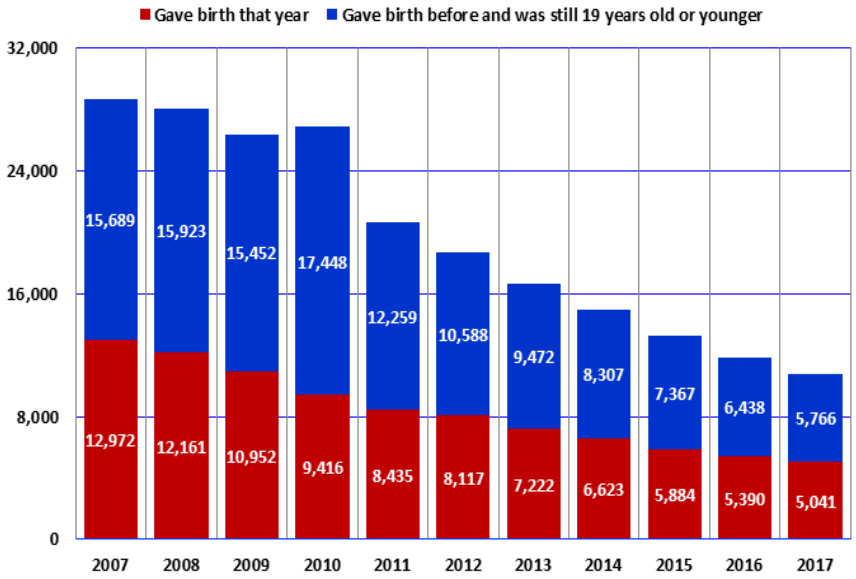



| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Surgical # | 1,392 | 1,235 | 846 | 878 | 1,179 | 1,121 | 1,099 | 967 | 835 | 916 | 770 |
| Non-surgical # | 587 | 578 | 673 | 614 | 603 | 419 | 342 | 282 | 354 | 381 | 409 |
| Surgical % | 70.3 | 68.1 | 55.7 | 59.4 | 66.1 | 72.8 | 76.3 | 77.4 | 70.2 | 70.6 | 65.3 |
| Non-surgical % | 29.7 | 31.9 | 44.3 | 40.6 | 33.8 | 27.2 | 23.7 | 22.6 | 29.8 | 29.4 | 34.7 |

Note: Non-surgical - Mifepristone, Methotrexate, RU486, etc.

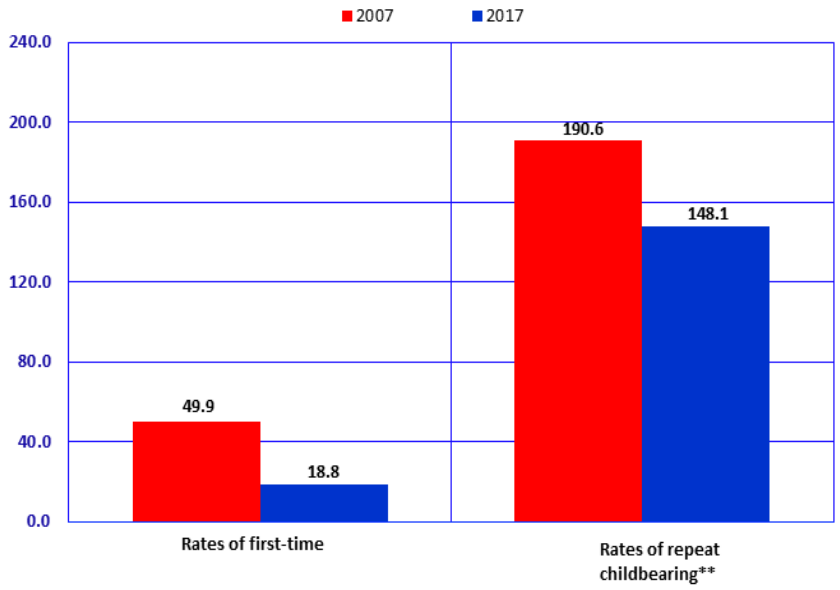
The proportion of non-surgical abortions to females 19 years or younger decreased from 40.6 percent in 2010 to 34.7 percent in 2017, while the proportion of surgical abortions decreased 9.9 percent over the same period of time (**Figure 9**).

**Figure 10**
**Cumulative Number of Mothers who were 19 or Younger in Arizona by Year, 2007-2017**




There were approximately 10,807 mothers under the age of 20 in Arizona in 2017. Among these teenage mothers there were 5,041 who gave birth in 2017, and 5,766 who gave birth prior to 2017 and were still 19 years old or younger in 2017 (**Figure 10, Table 13**). The cumulative number of mothers who were 19 years or younger in Arizona in 2017 decreased by 59.8 percent from 26,864 in 2010.

**Figure 11**
**Rates of First and Repeat Births to Females 15-19 Years, Arizona, 2007 and 2017**

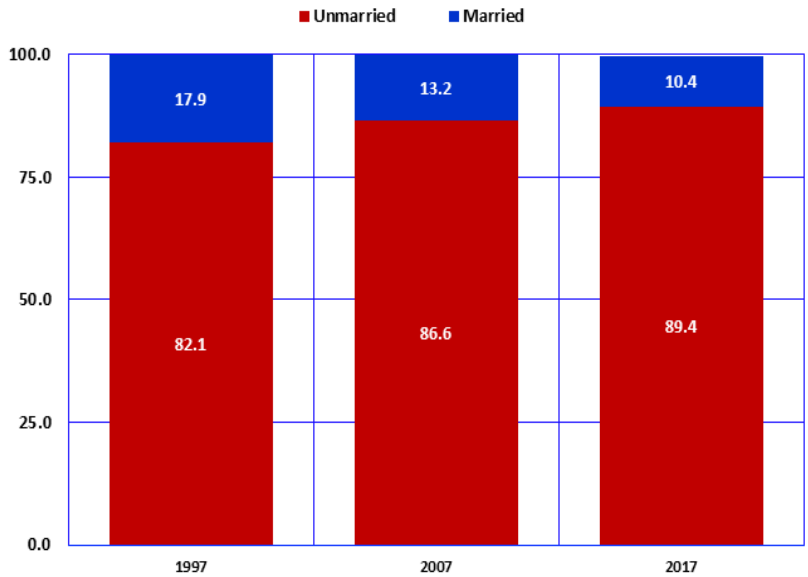



Notes: * Number of first births per 1,000 females 15-19 years old who have not had a birth; ** Number of repeat births per 1,000 females 15-19 years old who have had a previous birth; See *Appendix* "How to compute rates of first and repeat childbearing."

The first birth rate for childless teenagers has dropped 62.3 percent from 49.9 first-time births per 1,000 females 15-19 years old in 2007 to 18.8 per 1,000 in 2017 (**Figure 12**).

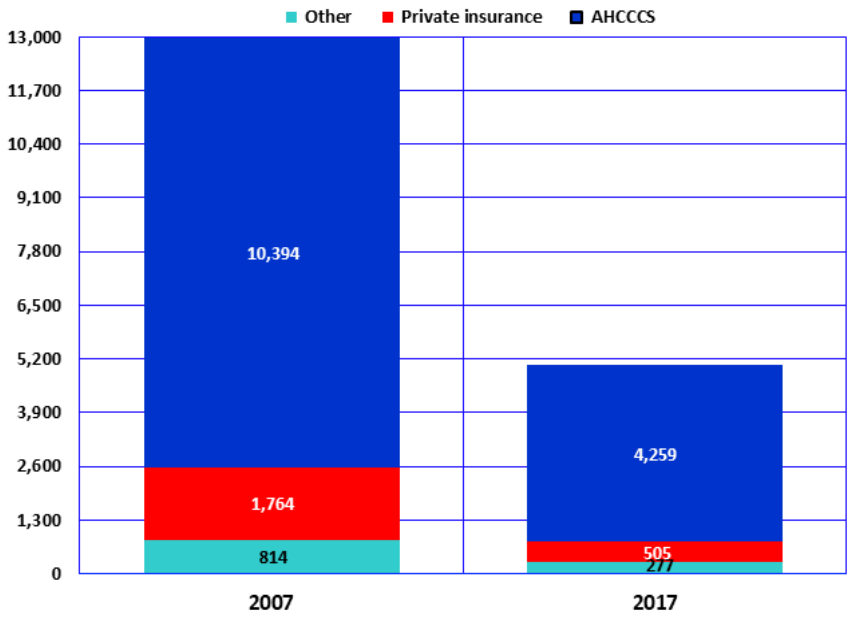
The repeat birth rates for teenagers who had already had a child decreased by 22.3 percent from 190.6 in 2007 to 148.1 per 1,000 females 15-19 years old in 2017 who had a previous birth (**Figure 12).**

**Figure 12**
**Births to Mothers 19 or Younger by Marital Status, Arizona, 1997, 2007, and 2017**



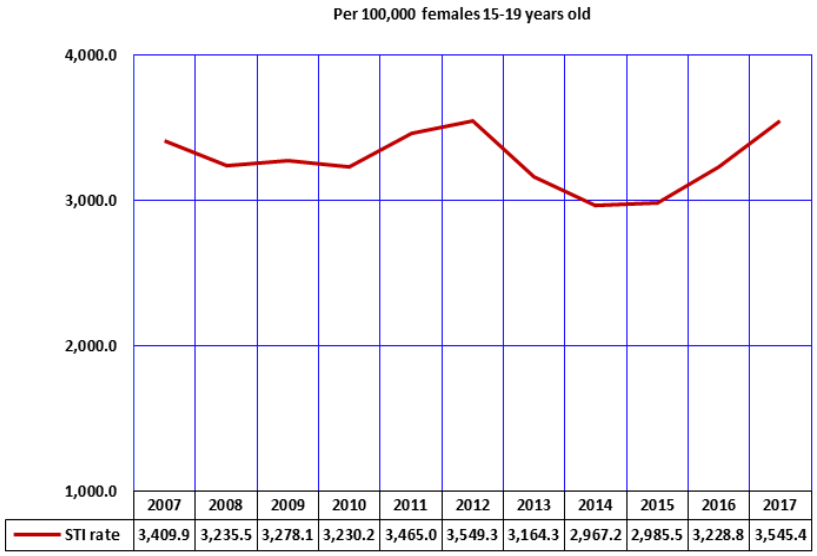

Unwed mothers have accounted for an increasing annual proportion of births throughout the 1990s and 2000s. Two decades ago, more than 7 out of 10 teenage mothers were unmarried (**Figure 13**). In 2017, non-marital births accounted for 89.4 percent of births to mothers 19 years or younger.

**Figure 13**
**Number of Births to Mothers 19 or Younger by Payer, Arizona, 2007 and 2017**




The total number of births to mothers 19 years or younger decreased by 61.1 percent from 12,972 in 2007 to 5,041 in 2017 (**Table 1**). In contrast, the proportional share of births paid for by the Arizona Health Care Cost Containment System (AHCCCS, the State's Medicaid program) increased from 80.1 percent in 2007 to 84.5 percent in 2017 (**Figure 13**).

**Figure 14**
**Trends in the Incidence of Sexually Transmitted Infections* among Females 15-19 Years, Arizona, 2007-2017**




| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STI rate | 3,409.9 | 3,235.5 | 3,278.1 | 3,230.2 | 3,465.0 | 3,549.3 | 3,164.3 | 2,967.2 | 2,985.5 | 3,228.8 | 3,545.4 |

In each year from 2007 to 2012, the total number of sexually transmitted infections (STI) among females aged 19 or younger exceeded 7,300, but fell to 6,723 in 2014, then increased to 8,258 in 2017. (**Table 15**). Among females 15-19 years, the rate of 2017 was higher than 2016, and 4.0 percent higher than the rate of 2007.

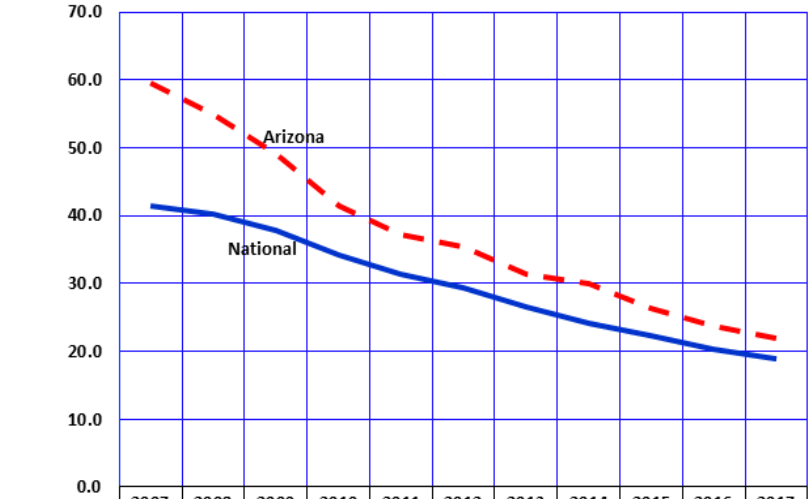
These STIs are a significant public health concern. *Chlamydia* can cause sterility in the affected mother as well as eye infections and pneumonia in the newborn. The complications of *Syphilis* are not to be underestimated as the disease can lead to blindness and maternal and/or infant death.

Note: * The sum of annually reported cases of gonorrhea, chlamydia, and early syphilis.
**Source: Bureau of Epidemiology and Disease Control Services, Office of Infectious Disease Services.**

In each year from 2007 to 2017, birth rates for Arizona teenagers 15-19 years old exceeded the rates of their national peers (**Figure 15, Table 11**).

In Arizona, Hispanic or Latino females 15-19 years old, a high-fertility group, accounted for 30.4 percent of females aged 15-19 years in 2017. A high proportional representation of Hispanic or Latino females in Arizona puts upward pressure on the overall teen birth rate.

**Figure 15**
**Birth Rates for Teenagers 15-19 Years, Nationally and in Arizona, 2007-2017**



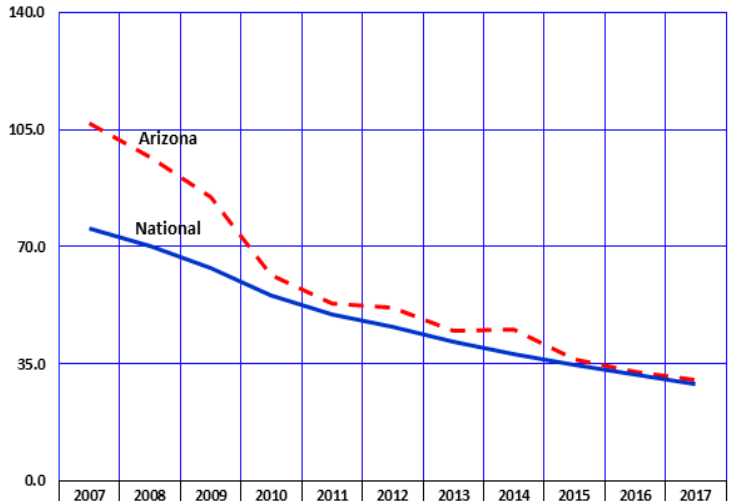

| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AZ | 59.5 | 54.9 | 49.1 | 41.5 | 37.2 | 35.4 | 31.3 | 29.9 | 26.3 | 23.7 | 21.9 |
| US | 41.5 | 40.2 | 37.9 | 34.2 | 31.3 | 29.4 | 26.5 | 24.2 | 22.3 | 20.3 | 18.8 |

Note: The number of births per 1,000 females 15-19 years old.

In 2017, Hispanics or Latino teens aged 15-19 years disproportionately accounted for 58.6 percent of births to mothers in this age group in Arizona (2,953 out of 5,041; see **Table 6** and **Table 7**).

Historically the birth rates among Hispanic or Latino teenagers have been higher in Arizona than nationally.

**Figure 16**
**Birth Rates for Hispanic or Latino Teenagers 15-19 Years, Nationally, and in Arizona, 2007-2017**




| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AZ | 106.8 | 96.7 | 85.0 | 61.5 | 53.0 | 51.7 | 44.8 | 45.3 | 36.2 | 32.6 | 30.4 |
| US | 75.3 | 70.3 | 63.6 | 55.7 | 49.6 | 46.3 | 41.7 | 38.0 | 34.9 | 31.9 | 28.9 |

Notes: The number of births per 1,000 females 15-19 years old; the U.S. birth rate for Hispanic teens 15-19 years was not available at the time of the preparation of this report.

# DATA TABLES

**TABLE 1**
**PREGNANCIES AND PREGNANCY OUTCOME BY AGE GROUP AND YEAR, FEMALES 19 OR YOUNGER, ARIZONA, 2007-2017**

| Pregnancy outcome by year | Total, females 19 years or younger | 10-14 years | 15-19 years old | | |
|---|---|---|---|---|---|
| | | | Total, 15-19 years | 15-17 years | 18-19 years |
| **ALL PREGNANCIES** | | | | | |
| **2007** | 15,038 | 325 | 14,713 | 4,975 | 9,738 |
| **2008** | 14,047 | 230 | 13,817 | 4,740 | 9,077 |
| **2009** | 12,537 | 156 | 12,381 | 3,945 | 8,436 |
| **2010** | 10,980 | 150 | 10,830 | 3,363 | 7,467 |
| **2011** | 10,269 | 150 | 10,119 | 2,939 | 7,180 |
| **2012** | 9,710 | 116 | 9,594 | 2,860 | 6,734 |
| **2013** | 8,715 | 91 | 8,624 | 2,385 | 6,239 |
| **2014** | 7,924 | 68 | 7,856 | 2,125 | 5,731 |
| **2015** | 7,121 | 66 | 7,055 | 1,887 | 5,168 |
| **2016** | 6,724 | 85 | 6,639 | 1,707 | 4,932 |
| **2017** | 6,252 | 65 | 6,187 | 1,554 | 4,633 |
| **LIVE BIRTHS** | | | | | |
| **2007** | 12,972 | 180 | 12,792 | 4,361 | 8,431 |
| **2008** | 12,161 | 161 | 12,000 | 4,151 | 7,849 |
| **2009** | 10,952 | 132 | 10,820 | 3,501 | 7,319 |
| **2010** | 9,416 | 105 | 9,311 | 2,910 | 6,401 |
| **2011** | 8,435 | 101 | 8,334 | 2,447 | 5,887 |
| **2012** | 8,117 | 67 | 8,050 | 2,430 | 5,620 |
| **2013** | 7,222 | 71 | 7,151 | 1,985 | 5,166 |
| **2014** | 6,623 | 46 | 6,577 | 1,770 | 4,807 |
| **2015** | 5,884 | 41 | 5,843 | 1,582 | 4,261 |
| **2016** | 5,390 | 54 | 5,336 | 1,420 | 3,916 |
| **2017** | 5,041 | 36 | 5,005 | 1,280 | 3,725 |
| **ABORTIONS** | | | | | |
| **2007** | 1,979 | 142 | 1,837 | 576 | 1,261 |
| **2008** | 1,813 | 67 | 1,746 | 567 | 1,179 |
| **2009** | 1,519 | 24 | 1,495 | 418 | 1,077 |
| **2010** | 1,512 | 44 | 1,468 | 435 | 1,033 |
| **2011** | 1,785 | 49 | 1,736 | 478 | 1,258 |
| **2012** | 1,539 | 48 | 1,491 | 414 | 1,077 |
| **2013** | 1,441 | 20 | 1,421 | 382 | 1,039 |
| **2014** | 1,249 | 22 | 1,227 | 330 | 897 |
| **2015** | 1,189 | 25 | 1,164 | 287 | 877 |
| **2016** | 1,297 | 31 | 1,266 | 277 | 989 |
| **2017** | 1,179 | 29 | 1,150 | 267 | 883 |
| **FETAL LOSSES** | | | | | |
| **2007** | 90† | * | 84 | 38 | 46 |
| **2008** | 70† | * | 71 | 22 | 49 |
| **2009** | 66 | 0 | 66 | 26 | 40 |
| **2010** | 50† | * | 51 | 18 | 33 |
| **2011** | 49 | 0 | 49 | 14 | 35 |
| **2012** | 50† | * | 53 | 16 | 37 |
| **2013** | 52 | 0 | 52 | 18 | 34 |
| **2014** | 52 | 0 | 52 | 25 | 27 |
| **2015** | 48 | 0 | 48 | 18 | 30 |
| **2016** | 37 | 0 | 37 | 10 | 27 |
| **2017** | 32 | 0 | 32 | 7 | 25 |

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**TABLE 2**
**PREGNANCY RATES[a] BY PREGNANCY OUTCOME, AGE GROUP, AND YEAR, FEMALES 19 OR YOUNGER, ARIZONA, 2007-2017**

| Pregnancy outcome by year | Total, females 19 years or younger | 10-14 years | 15-19 years old | | |
|---|---|---|---|---|---|
| | | | Total, 15-19 years | 15-17 years | 18-19 years |
| **ALL PREGNANCIES** | | | | | |
| **2007** | 34.4 | 1.5 | 68.4 | 36.9 | 121.4 |
| **2008** | 31.6 | 1.0 | 63.2 | 34.6 | 111.3 |
| **2009** | 28.0 | 0.7 | 56.1 | 28.5 | 102.5 |
| **2010** | 24.7 | 0.7 | 48.3 | 25.5 | 80.8 |
| **2011** | 23.0 | 0.7 | 44.8 | 22.1 | 77.2 |
| **2012** | 21.6 | 0.5 | 42.2 | 21.8 | 70.2 |
| **2013** | 19.2 | 0.4 | 37.7 | 18.0 | 64.8 |
| **2014** | 17.8 | 0.3 | 35.7 | 16.1 | 65.2 |
| **2015** | 15.9 | 0.3 | 31.8 | 14.1 | 58.4 |
| **2016** | 14.9 | 0.4 | 29.5 | 12.6 | 55.0 |
| **2017** | 13.7 | 0.3 | 27.1 | 11.3 | 50.9 |
| **LIVE BIRTHS** | | | | | |
| **2007** | 29.7 | 0.8 | 59.5 | 32.3 | 105.1 |
| **2008** | 27.4 | 0.7 | 54.9 | 30.3 | 96.3 |
| **2009** | 24.4 | 0.6 | 49.1 | 25.3 | 89.0 |
| **2010** | 21.2 | 0.5 | 41.5 | 22.1 | 69.2 |
| **2011** | 19.0 | 0.5 | 37.2 | 18.6 | 63.7 |
| **2012** | 18.0 | 0.3 | 35.4 | 18.5 | 58.6 |
| **2013** | 15.9 | 0.3 | 31.3 | 15.0 | 53.6 |
| **2014** | 14.9 | 0.2 | 29.9 | 13.4 | 54.7 |
| **2015** | 13.1 | 0.2 | 26.3 | 11.8 | 48.2 |
| **2016** | 12.0 | 0.2 | 23.7 | 10.5 | 43.7 |
| **2017** | 11.1 | 0.2 | 21.9 | 9.3 | 41.0 |
| **ABORTIONS** | | | | | |
| **2007** | 4.5 | 0.6 | 8.5 | 4.3 | 15.7 |
| **2008** | 4.1 | 0.3 | 8.0 | 4.1 | 14.5 |
| **2009** | 3.4 | 0.1 | 6.8 | 3.0 | 13.1 |
| **2010** | 3.4 | 0.2 | 6.5 | 3.3 | 11.2 |
| **2011** | 4.0 | 0.2 | 7.7 | 3.6 | 13.5 |
| **2012** | 3.4 | 0.2 | 6.6 | 3.1 | 11.2 |
| **2013** | 3.2 | 0.1 | 6.2 | 2.9 | 10.8 |
| **2014** | 2.8 | 0.1 | 5.6 | 2.5 | 10.2 |
| **2015** | 2.7 | 0.1 | 5.2 | 2.1 | 9.9 |
| **2016** | 2.9 | 0.1 | 5.6 | 2.0 | 11.0 |
| **2017** | 2.6 | 0.1 | 5.0 | 1.9 | 9.7 |
| **FETAL LOSSES** | | | | | |
| **2007** | 0.2 | 0.0 | 0.4 | 0.3 | 0.6 |
| **2008** | 0.2 | 0.0 | 0.3 | 0.2 | 0.6 |
| **2009** | 0.2 | 0.0 | 0.3 | 0.2 | 0.5 |
| **2010** | 0.1 | 0.0 | 0.2 | 0.1 | 0.4 |
| **2011** | 0.1 | 0.0 | 0.2 | 0.1 | 0.4 |
| **2012** | 0.1 | ** | 0.2 | 0.1 | 0.4 |
| **2013** | 0.1 | 0.0 | 0.2 | 0.1 | 0.4 |
| **2014** | 0.1 | 0.0 | 0.2 | 0.2 | 0.3 |
| **2015** | 0.1 | 0.0 | 0.2 | 0.1 | 0.3 |
| **2016** | 0.1 | 0.0 | 0.2 | 0.1 | 0.3 |
| **2017** | 0.1 | 0.0 | 0.1 | 0.1 | 0.3 |

Notes: ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; [a] The number of pregnancies (live births + abortions + fetal deaths) per 1,000 females in specified age group; 0.0: Quantity more than zero but less than 0.05.

**TABLE 3**
**LIVE BIRTHS TO FEMALES 19 OR YOUNGER BY AGE GROUP, RACE/ETHNICITY, AND YEAR, ARIZONA, 2007-2017**

| Racial/ethnic group and year | Total, females 19 years or younger | 10-14 years | 15-19 years old | | |
|---|---|---|---|---|---|
| | | | Total, 15-19 years | 15-17 years | 18-19 years |
| **WHITE NON-HISPANIC** | | | | | |
| **2007** | 3,100 | 26 | 3,074 | 779 | 2,295 |
| **2008** | 2,993 | 15 | 2,978 | 769 | 2,209 |
| **2009** | 2,715 | 20 | 2,695 | 649 | 2,046 |
| **2010** | 2,386 | 12 | 2,374 | 541 | 1,833 |
| **2011** | 2,089 | 13 | 2,076 | 494 | 1,582 |
| **2012** | 1,977 | 8 | 1,969 | 475 | 1,494 |
| **2013** | 1,781 | 8 | 1,773 | 365 | 1,408 |
| **2014** | 1,757 | 8 | 1,749 | 344 | 1,405 |
| **2015** | 1,530† | * | 1,526 | 339 | 1,187 |
| **2016** | 1,347 | 8 | 1,339 | 283 | 1,056 |
| **2017** | 1,160† | * | 1,163 | 224 | 939 |
| **HISPANIC OR LATINO** | | | | | |
| **2007** | 7,782 | 115 | 7,667 | 2,892 | 4,775 |
| **2008** | 7,168 | 111 | 7,057 | 2,724 | 4,333 |
| **2009** | 6,341 | 87 | 6,254 | 2,253 | 4,001 |
| **2010** | 5,348 | 68 | 5,280 | 1,859 | 3,421 |
| **2011** | 4,631 | 61 | 4,570 | 1,467 | 3,103 |
| **2012** | 4,627 | 46 | 4,581 | 1,528 | 3,053 |
| **2013** | 4,080 | 47 | 4,033 | 1,244 | 2,789 |
| **2014** | 3,813 | 23 | 3,790 | 1,115 | 2,675 |
| **2015** | 3,409 | 28 | 3,381 | 972 | 2,409 |
| **2016** | 3,136 | 32 | 3,104 | 877 | 2,227 |
| **2017** | 2,974 | 21 | 2,953 | 816 | 2,137 |
| **BLACK OR AFRICAN AMERICAN** | | | | | |
| **2007** | 621 | 12 | 609 | 195 | 414 |
| **2008** | 656 | 12 | 644 | 203 | 441 |
| **2009** | 603 | 6 | 597 | 181 | 416 |
| **2010** | 562 | 10 | 552 | 151 | 401 |
| **2011** | 561 | 10 | 551 | 152 | 399 |
| **2012** | 540† | * | 539 | 159 | 380 |
| **2013** | 507 | 6 | 501 | 122 | 379 |
| **2014** | 390† | * | 389 | 102 | 287 |
| **2015** | 310† | * | 311 | 77 | 234 |
| **2016** | 320† | * | 313 | 81 | 232 |
| **2017** | 330† | * | 324 | 71 | 253 |
| **AMERICAN INDIAN OR ALASKA NATIVE** | | | | | |
| **2007** | 1,285 | 26 | 1,259 | 445 | 814 |
| **2008** | 1,185 | 22 | 1,163 | 408 | 755 |
| **2009** | 1,170 | 17 | 1,153 | 394 | 759 |
| **2010** | 988 | 14 | 974 | 331 | 643 |
| **2011** | 987 | 14 | 973 | 293 | 680 |
| **2012** | 890 | 7 | 883 | 251 | 632 |
| **2013** | 775 | 8 | 767 | 243 | 524 |
| **2014** | 602 | 9 | 593 | 196 | 397 |
| **2015** | 569 | 7 | 562 | 177 | 385 |
| **2016** | 540 | 11 | 529 | 167 | 362 |
| **2017** | 519 | 8 | 511 | 163 | 348 |
| **ASIAN OR PACIFIC ISLANDER** | | | | | |
| **2007** | 103 | 0 | 103 | 31 | 72 |
| **2008** | 110† | * | 112 | 26 | 86 |
| **2009** | 90† | * | 86 | 18 | 68 |
| **2010** | 100† | * | 102 | 23 | 79 |
| **2011** | 110† | * | 109 | 26 | 83 |
| **2012** | 80† | * | 78 | 17 | 61 |
| **2013** | 80† | * | 77 | 11 | 66 |
| **2014** | 60† | * | 56 | 13 | 43 |
| **2015** | 63 | 0 | 63 | 17 | 46 |
| **2016** | 51 | 0 | 51 | 12 | 39 |
| **2017** | 60† | * | 54 | 6 | 48 |

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**TABLE 4**
**ABORTIONS TO FEMALES 19 OR YOUNGER BY AGE GROUP, RACE/ETHNICITY, AND YEAR, ARIZONA, 2007-2017**

| Racial/ethnic group and year | Total, females 19 years or younger | 10-14 years | 15-19 years old | | |
|---|---|---|---|---|---|
| | | | Total, 15-19 years | 15-17 years | 18-19 years |
| **WHITE NON-HISPANIC** | | | | | |
| **2007** | 982 | 71 | 911 | 282 | 629 |
| **2008** | 841 | 21 | 820 | 266 | 554 |
| **2009** | 720 | 11 | 709 | 207 | 502 |
| **2010** | 694 | 16 | 678 | 198 | 480 |
| **2011** | 289 | 10 | 279 | 80 | 199 |
| **2012** | 238 | 6 | 232 | 65 | 167 |
| **2013** | 257 | 6 | 251 | 66 | 185 |
| **2014** | 488 | 7 | 481 | 133 | 348 |
| **2015** | 488 | 6 | 482 | 111 | 371 |
| **2016** | 476 | 11 | 465 | 96 | 369 |
| **2017** | 400 | 7 | 393 | 93 | 300 |
| **HISPANIC OR LATINO** | | | | | |
| **2007** | 710 | 44 | 666 | 210 | 456 |
| **2008** | 561 | 34 | 527 | 173 | 354 |
| **2009** | 525 | 8 | 517 | 136 | 381 |
| **2010** | 532 | 16 | 516 | 151 | 365 |
| **2011** | 638 | 17 | 621 | 179 | 442 |
| **2012** | 441 | 12 | 429 | 138 | 291 |
| **2013** | 509 | 6 | 503 | 136 | 367 |
| **2014** | 531 | 7 | 524 | 134 | 390 |
| **2015** | 467 | 13 | 454 | 118 | 336 |
| **2016** | 564 | 8 | 556 | 131 | 425 |
| **2017** | 526 | 19 | 507 | 117 | 390 |
| **BLACK OR AFRICAN AMERICAN** | | | | | |
| **2007** | 136 | 13 | 123 | 42 | 81 |
| **2008** | 140† | * | 138 | 43 | 95 |
| **2009** | 110† | * | 107 | 28 | 79 |
| **2010** | 70† | * | 66 | 24 | 42 |
| **2011** | 17 | 0 | 20† | * | 13 |
| **2012** | 10† | * | 10† | 6 | * |
| **2013** | 20† | * | 22 | 8 | 14 |
| **2014** | 90† | * | 88 | 34 | 54 |
| **2015** | 90† | * | 83 | 25 | 58 |
| **2016** | 110† | * | 109 | 23 | 86 |
| **2017** | 120† | * | 116 | 33 | 83 |
| **AMERICAN INDIAN OR ALASKA NATIVE** | | | | | |
| **2007** | 63 | 8 | 55 | 22 | 33 |
| **2008** | 50† | * | 52 | 17 | 35 |
| **2009** | 52 | 0 | 52 | 22 | 30 |
| **2010** | 40† | * | 34 | 13 | 21 |
| **2011** | 10† | 0 | 10† | * | * |
| **2012** | 0† | 0 | 0† | * | * |
| **2013** | 8 | 0 | 10† | * | * |
| **2014** | 30† | * | 20† | * | 18 |
| **2015** | 50† | * | 47 | 13 | 34 |
| **2016** | 40† | * | 36 | 11 | 25 |
| **2017** | 20† | * | 20† | * | 18 |
| **ASIAN OR PACIFIC ISLANDER** | | | | | |
| **2007** | 60† | * | 59 | 8 | 51 |
| **2008** | 40† | * | 34 | 12 | 22 |
| **2009** | 40† | * | 39 | 8 | 31 |
| **2010** | 14 | 0 | 10† | * | 9 |
| **2011** | 10† | * | 0† | 0 | * |
| **2012** | 9 | 0 | 10† | * | 7 |
| **2013** | 0† | 0 | 0† | * | * |
| **2014** | 40† | * | 34 | 10 | 24 |
| **2015** | 28 | 0 | 30† | * | 25 |
| **2016** | 30† | * | 30† | * | 22 |
| **2017** | 34 | 0 | 30† | * | 31 |

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**TABLE 5**
**NUMBER OF PREGNANCIES[a] BY PREGNANCY OUTCOME, RACE/ETHNICITY, AND YEAR AMONG FEMALES AGED 17 AND YOUNGER WITH RATES[b], ARIZONA, 2007-2017**

| Race/ethnicity Pregnancy outcome | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2017 Rates |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **WHITE[c] NON-HISPANIC,** total: | 1,165 | 1,074 | 894 | 770 | 600 | 564 | 448 | 496 | 462 | 401 | 327 | **2.1** |
| Births | 805 | 784 | 669 | 553 | 507 | 483 | 373 | 352 | 344 | 291 | 225 | **1.5** |
| Abortions | 353 | 287 | 218 | 214 | 90 | 71 | 72 | 140 | 117 | 107 | 100 | **0.7** |
| | | | | | | | | | | | | |
| **HISPANIC OR LATINO,** total: | 3,286 | 3,057 | 2,496 | 2,106 | 1,731 | 1,728 | 1,443 | 1,292 | 1,144 | 1,055 | 976 | **6.1** |
| Births | 3,007 | 2,835 | 2,340 | 1,927 | 1,528 | 1,574 | 1,291 | 1,138 | 1,000 | 909 | 837 | **5.3** |
| Abortions | 254 | 207 | 144 | 167 | 196 | 150 | 142 | 141 | 131 | 139 | 136 | **0.9** |
| | | | | | | | | | | | | |
| **BLACK OR AFRICAN AMERICAN,** total: | 268 | 266 | 221 | 189 | 170† | 174 | 140 | 145 | 106 | 111 | 111 | **5.5** |
| Births | 207 | 215 | 187 | 161 | 162 | 164 | 128 | 107 | 78 | 84 | 76 | **3.8** |
| Abortions | 55 | 48 | 31 | 25 | * | 9 | 9 | 36 | 27 | 27 | 34 | **1.7** |
| | | | | | | | | | | | | |
| **AMERICAN INDIAN OR ALASKA NATIVE**, total: | 504 | 452 | 436 | 361 | 310† | 260† | 260† | 217 | 204 | 191 | 180† | **9.2** |
| Births | 471 | 430 | 411 | 345 | 307 | 258 | 251 | 205 | 184 | 178 | 171 | **8.9** |
| Abortions | 30 | 19 | 22 | 15 | * | * | * | 7 | 17 | 13 | * | ** |
| | | | | | | | | | | | | |
| **ASIAN OR PACIFIC ISLANDER**, total: | 43 | 41 | 30 | 30† | 30† | 20† | 20† | 25 | 20† | 20† | 10† | **0.8** |
| Births | 31 | 27 | 20 | 24 | 28 | 18 | 13 | 14 | 17 | 12 | 7 | **0.6** |
| Abortions | 12 | 14 | 9 | * | * | * | * | 11 | * | * | * | ** |
| | | | | | | | | | | | | |
| **ALL RACIAL/ETHNIC GROUPS[d],** total: | 5,300 | 4,970 | 4,101 | 3,513 | 3,089 | 2,976 | 2,476 | 2,193 | 1,953 | 1,792 | 1,619 | **4.4** |
| Births | 4,541 | 4,312 | 3,633 | 3,015 | 2,548 | 2,497 | 2,056 | 1,816 | 1,623 | 1,474 | 1,316 | **3.6** |
| Abortions | 718 | 634 | 442 | 479 | 527 | 463 | 402 | 352 | 312 | 308 | 296 | **0.8** |
| | | | | | | | | | | | | |
| **Pregnancy rate, total:** | **14.8** | **13.7** | **11.2** | **10.0** | **8.7** | **8.4** | **6.9** | **6.1** | **5.4** | **5.0** | **4.4** | |
| **Fertility rate[e]** | **12.7** | **11.9** | **9.9** | **8.6** | **7.2** | **7.1** | **5.8** | **5.1** | **4.5** | **4.1** | **3.6** | |
| **Abortion rate** | **2.0** | **1.7** | **1.2** | **1.4** | **1.5** | **1.3** | **1.1** | **1.0** | **0.9** | **0.9** | **0.8** | |

Notes: * Cell suppressed due to non-zero count less than 6; ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; [a] Fetal deaths are included in the total counts of pregnancies; [b] All rates per 1,000 females 10-17 years old; [c] Not of Hispanic origin; [d] Includes other and unspecified ethnicity; [e] Number of births per 1,000 females 10-17 years old.

**TABLE 6**
**NUMBER OF PREGNANCIES[a] BY PREGNANCY OUTCOME, RACE/ETHNICITY, AND YEAR AMONG FEMALES 15-17 YEARS OLD WITH RATES[b], ARIZONA, 2007-2017**

| Race/ethnicity Pregnancy outcome | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2017 Rates |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **WHITE[c] NON-HISPANIC,** total: | 1,067 | 1,038 | 863 | 742 | 577 | 549 | 434 | 481 | 451 | 382 | 319 | **5.4** |
| Births | 779 | 769 | 649 | 541 | 494 | 475 | 365 | 344 | 339 | 283 | 224 | **3.8** |
| Abortions | 282 | 266 | 207 | 198 | 80 | 65 | 66 | 133 | 111 | 96 | 93 | **1.6** |
| | | | | | | | | | | | | |
| **HISPANIC OR LATINO,** total: | 3,126 | 2,911 | 2,401 | 2,021 | 1,653 | 1,670 | 1,390 | 1,262 | 1,103 | 1,015 | 936 | **15.8** |
| Births | 2,892 | 2,724 | 2,253 | 1,859 | 1,467 | 1,528 | 1,244 | 1,115 | 972 | 877 | 816 | **13.8** |
| Abortions | 210 | 173 | 136 | 151 | 179 | 138 | 136 | 134 | 118 | 131 | 117 | **2.0** |
| | | | | | | | | | | | | |
| **BLACK OR AFRICAN AMERICAN,** total: | 242 | 248 | 212 | 178 | 160† | 166 | 133 | 138 | 103 | 104 | 105 | **14.0** |
| Births | 195 | 203 | 181 | 151 | 152 | 159 | 122 | 102 | 77 | 81 | 71 | **9.5** |
| Abortions | 42 | 43 | 28 | 24 | * | 6 | 8 | 34 | 25 | 23 | 33 | **4.4** |
| | | | | | | | | | | | | |
| **AMERICAN INDIAN OR ALASKA NATIVE**, total: | 470 | 428 | 419 | 345 | 300† | 250† | 250† | 210† | 193 | 178 | 170† | **23.3** |
| Births | 445 | 408 | 394 | 331 | 293 | 251 | 243 | 196 | 177 | 167 | 163 | **22.7** |
| Abortions | 22 | 17 | 22 | 13 | * | * | * | * | 13 | 11 | * | ** |
| | | | | | | | | | | | | |
| **ASIAN OR PACIFIC ISLANDER**, total: | 39 | 38 | 30† | 30† | 26 | 20† | 10† | 23 | 20† | 20† | 10† | **2.0** |
| Births | 31 | 26 | 18 | 23 | 26 | 17 | 11 | 13 | 17 | 12 | 6 | **1.3** |
| Abortions | 8 | 12 | * | * | 0 | * | * | 10 | * | * | * | ** |
| | | | | | | | | | | | | |
| **ALL RACIAL/ETHNIC GROUPS[d],** total: | 4,975 | 4,740 | 3,945 | 3,363 | 2,939 | 2,860 | 2,385 | 2,125 | 1,887 | 1,707 | 1,554 | **11.3** |
| Births | 4,361 | 4,151 | 3,501 | 2,910 | 2,447 | 2,430 | 1,985 | 1,770 | 1,582 | 1,420 | 1,280 | **9.3** |
| Abortions | 576 | 567 | 418 | 435 | 478 | 414 | 382 | 330 | 287 | 277 | 267 | **1.9** |
| | | | | | | | | | | | | |
| **Pregnancy rate, total:** | **36.9** | **34.6** | **28.5** | **25.5** | **22.1** | **21.8** | **18.0** | **16.1** | **14.1** | **12.6** | **11.3** | |
| **Fertility rate[e]** | **32.3** | **30.3** | **25.3** | **22.1** | **18.4** | **18.5** | **15.0** | **13.4** | **11.8** | **10.5** | **9.3** | |
| **Abortion rate** | **4.3** | **4.1** | **3.0** | **3.3** | **3.6** | **3.1** | **2.9** | **2.5** | **2.1** | **2.0** | **1.9** | |

Notes: * Cell suppressed due to non-zero count less than 6; ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; [a] Fetal deaths are included in the total counts of pregnancies; [b] All rates per 1,000 females 15-17 years old; [c] Not of Hispanic origin; [d] Includes other and unspecified ethnicity; [e] Number of births per 1,000 females 15-17 years old.

**TABLE 7**
**NUMBER OF PREGNANCIES[a] BY PREGNANCY OUTCOME, RACE/ETHNICITY, AND YEAR AMONG FEMALES 18-19 YEARS OLD WITH RATES[b], ARIZONA, 2007-2017**

| Race/ethnicity<br>Pregnancy outcome | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2017 Rates |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **WHITE[c] NON-HISPANIC,** total: | 2,936 | 2,778 | 2,560 | 2,316 | 1,792 | 1,675 | 1,602 | 1,759 | 1,562 | 1,433 | 1,248 | **31.5** |
| Births | 2,295 | 2,209 | 2,046 | 1,833 | 1,582 | 1,494 | 1,408 | 1,405 | 1,187 | 1,056 | 939 | **23.7** |
| Abortions | 629 | 554 | 502 | 480 | 199 | 167 | 185 | 348 | 371 | 369 | 300 | **7.6** |
| | | | | | | | | | | | | |
| **HISPANIC OR LATINO,** total: | 5,259 | 4,707 | 4,400 | 3,812 | 3,566 | 3,357 | 3,175 | 3,078 | 2,764 | 2,668 | 2,537 | **66.5** |
| Births | 4,775 | 4,333 | 4,001 | 3,421 | 3,103 | 3,053 | 2,789 | 2,675 | 2,409 | 2,227 | 2,137 | **56.0** |
| Abortions | 456 | 354 | 381 | 365 | 442 | 291 | 367 | 390 | 336 | 425 | 390 | **10.2** |
| | | | | | | | | | | | | |
| **BLACK OR AFRICAN AMERICAN,** total: | 498 | 546 | 501 | 446 | 413 | 390† | 397 | 345 | 294 | 320 | 339 | **64.9** |
| Births | 414 | 441 | 416 | 401 | 399 | 380 | 379 | 287 | 234 | 232 | 253 | **48.4** |
| Abortions | 81 | 95 | 79 | 42 | 13 | * | 14 | 54 | 58 | 86 | 83 | **15.9** |
| | | | | | | | | | | | | |
| **AMERICAN INDIAN OR ALASKA NATIVE**, total: | 849 | 794 | 793 | 664 | 690† | 640† | 530† | 417 | 423 | 388 | 369 | **78.9** |
| Births | 814 | 755 | 759 | 643 | 680 | 632 | 524 | 397 | 385 | 362 | 348 | **74.4** |
| Abortions | 33 | 35 | 30 | 21 | * | * | * | 18 | 34 | 25 | 18 | **3.8** |
| | | | | | | | | | | | | |
| **ASIAN OR PACIFIC ISLANDER**, total: | 124 | 108 | 99 | 88 | 90† | 68 | 70† | 67 | 72 | 61 | 79 | **24.2** |
| Births | 72 | 86 | 68 | 79 | 83 | 61 | 66 | 43 | 46 | 39 | 48 | **14.7** |
| Abortions | 51 | 22 | 31 | 9 | * | 7 | * | 24 | 25 | 22 | 31 | **9.5** |
| | | | | | | | | | | | | |
| **ALL RACIAL/ETHNIC GROUPS[d],** total: | 9,738 | 9,077 | 8,436 | 7,467 | 7,180 | 6,734 | 6,239 | 5,731 | 5,168 | 4,932 | 4,633 | **50.9** |
| Births | 8,431 | 7,849 | 7,319 | 6,401 | 5,887 | 5,620 | 5,166 | 4,807 | 4,261 | 3,916 | 3,725 | **41.0** |
| Abortions | 1,261 | 1,179 | 1,077 | 1,033 | 1,258 | 1,077 | 1,039 | 897 | 877 | 989 | 883 | **9.7** |
| | | | | | | | | | | | | |
| **Pregnancy rate, total:** | **121.4** | **111.3** | **102.5** | **80.8** | **77.2** | **70.2** | **64.8** | **65.2** | **58.4** | **55.0** | **50.9** | |
| **Fertility rate[e]** | **105.1** | **96.3** | **89.0** | **69.2** | **63.3** | **58.6** | **53.6** | **54.7** | **48.2** | **43.7** | **41.0** | |
| **Abortion rate** | **15.7** | **14.5** | **13.1** | **11.2** | **13.5** | **11.2** | **10.8** | **10.2** | **9.9** | **11.0** | **9.7** | |

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; [a] Fetal deaths are included in the total counts of pregnancies; [b] All rates per 1,000 females 18-19 years old; [c] Not of Hispanic origin; [d] Includes other and unspecified ethnicity; [e] Number of births per 1,000 females 18-19 years old.

**TABLE 8**
**NUMBER OF PREGNANCIES[a] BY PREGNANCY OUTCOME, RACE/ETHNICITY, AND YEAR AMONG FEMALES 19 AND YOUNGER, WITH RATES[b], ARIZONA, 2007-2017**

| Race/ethnicity<br>Pregnancy outcome | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2017 Rates |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **WHITE[c] NON-HISPANIC,** total: | 4,101 | 3,852 | 3,454 | 3,086 | 2,392 | 2,239 | 2,050 | 2,255 | 2,024 | 1,834 | 1,575 | **8.2** |
| Births | 3,100 | 2,993 | 2,715 | 2,386 | 2,089 | 1,977 | 1,781 | 1,757 | 1,531 | 1,347 | 1,164 | **6.0** |
| Abortions | 982 | 841 | 720 | 694 | 289 | 238 | 257 | 488 | 488 | 476 | 400 | **2.1** |
| | | | | | | | | | | | | |
| **HISPANIC OR LATINO,** total: | 8,545 | 7,764 | 6,896 | 5,918 | 5,297 | 5,085 | 4,618 | 4,370 | 3,908 | 3,723 | 3,513 | **17.8** |
| Births | 7,782 | 7,168 | 6,341 | 5,348 | 4,631 | 4,627 | 4,080 | 3,813 | 3,409 | 3,136 | 2,974 | **15.1** |
| Abortions | 710 | 561 | 525 | 532 | 638 | 441 | 509 | 531 | 467 | 564 | 526 | **2.7** |
| | | | | | | | | | | | | |
| **BLACK OR AFRICAN AMERICAN,** total: | 766 | 812 | 722 | 635 | 580 | 562 | 537 | 490 | 400 | 431 | 450 | **17.8** |
| Births | 621 | 656 | 603 | 562 | 561 | 544 | 507 | 394 | 312 | 316 | 329 | **13.0** |
| Abortions | 136 | 143 | 110 | 67 | 17 | 14 | 23 | 90 | 85 | 113 | 117 | **4.6** |
| | | | | | | | | | | | | |
| **AMERICAN INDIAN OR ALASKA NATIVE**, total: | 1,353 | 1,246 | 1,229 | 1,025 | 1,000† | 900† | 787 | 634 | 627 | 579 | 546 | **22.8** |
| Births | 1,285 | 1,185 | 1,170 | 988 | 987 | 890 | 775 | 602 | 569 | 540 | 519 | **21.6** |
| Abortions | 63 | 54 | 52 | 36 | * | * | 8 | 25 | 51 | 38 | 23 | **1.0** |
| | | | | | | | | | | | | |
| **ASIAN OR PACIFIC ISLANDER**, total: | 167 | 149 | 129 | 117 | 120† | 88 | 80† | 92 | 92 | 77 | 89 | **5.8** |
| Births | 103 | 113 | 88 | 103 | 111 | 79 | 79 | 57 | 63 | 51 | 55 | **3.6** |
| Abortions | 63 | 36 | 40 | 14 | * | 9 | * | 35 | 28 | 26 | 34 | **2.2** |
| | | | | | | | | | | | | |
| **ALL RACIAL/ETHNIC GROUPS[d]**, total: | 15,038 | 14,047 | 12,537 | 10,980 | 10,269 | 9,710 | 8,715 | 7,924 | 7,121 | 6,724 | 6,252 | **13.7** |
| Births | 12,972 | 12,161 | 10,952 | 9,416 | 8,435 | 8,117 | 7,222 | 6,623 | 5,884 | 5,390 | 5,041 | **11.1** |
| Abortions | 1,979 | 1,813 | 1,519 | 1,512 | 1,785 | 1,539 | 1,441 | 1,249 | 1,189 | 1,297 | 1,179 | **2.6** |
| | | | | | | | | | | | | |
| **Pregnancy rate, total:** | **34.4** | **31.6** | **28.0** | **24.7** | **23.0** | **21.6** | **19.2** | **17.8** | **15.9** | **14.9** | **13.7** | |
| **Fertility rate[e]** | **29.7** | **27.4** | **24.4** | **21.2** | **18.9** | **18.0** | **15.9** | **14.9** | **13.1** | **12.0** | **11.1** | |
| **Abortion rate** | **4.5** | **4.1** | **3.4** | **3.4** | **4.0** | **3.4** | **3.2** | **2.8** | **2.7** | **2.9** | **2.6** | |

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; [a] Fetal deaths are included in the total counts of pregnancies; [b] All rates per 1,000 females 19 or younger; [c] Not of Hispanic origin; [d] Includes other and unspecified ethnicity; [e] Number of births per 1,000 females 19 or younger.

**TABLE 9**
**TRENDS IN PREGNANCY RATES[a] BY COUNTY OF RESIDENCE AMONG FEMALES 10-17 AND 18-19 YEARS OLD, ARIZONA, 2007-2017**

| | | ARIZONA | APACHE | COCHISE | COCONINO | GILA | GRAHAM | GREENLEE | LA PAZ | MARICOPA | MOHAVE | NAVAJO | PIMA | PINAL | SANTA CRUZ | YAVAPAI | YUMA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19 Years or Younger | 2007 | 34.4 | 27.5 | 29.1 | 33.2 | 41.7 | 40.1 | 25.4 | 50.9 | 35.4 | 31.9 | 33.7 | 30.5 | 37.4 | 32.2 | 33.0 | 37.8 |
| | 2008 | 31.6 | 25.3 | 27.2 | 28.6 | 45.9 | 33.2 | 33.2 | 38.6 | 32.5 | 28.1 | 36.3 | 29.0 | 31.3 | 31.5 | 26.9 | 35.1 |
| | 2009 | 28.0 | 27.7 | 28.7 | 27.6 | 40.8 | 33.7 | 41.2 | 27.8 | 27.4 | 25.9 | 33.2 | 27.0 | 27.6 | 29.1 | 25.0 | 36.1 |
| | 2010 | 24.7 | 26.7 | 27.5 | 22.5 | 39.7 | 33.3 | 35.7 | 38.1 | 23.7 | 24.6 | 32.8 | 24.7 | 22.8 | 30.5 | 21.4 | 34.1 |
| | 2011 | 23.0 | 23.6 | 24.7 | 20.3 | 35.9 | 28.5 | 34.1 | 31.9 | 22.4 | 18.9 | 33.4 | 22.6 | 21.7 | 27.9 | 19.9 | 30.1 |
| | 2012 | 21.6 | 21.6 | 24.0 | 18.0 | 29.9 | 29.2 | 18.9 | 25.3 | 20.7 | 19.2 | 29.8 | 21.4 | 20.6 | 29.0 | 18.7 | 29.0 |
| | 2013 | 19.2 | 19.1 | 18.9 | 16.2 | 32.0 | 26.7 | 28.8 | 37.6 | 18.4 | 15.8 | 23.3 | 19.2 | 16.4 | 20.6 | 16.7 | 25.1 |
| | 2014 | 17.8 | 17.7 | 18.4 | 14.7 | 29.0 | 27.1 | 26.8 | 33.4 | 17.4 | 17.5 | 21.8 | 16.9 | 15.5 | 20.0 | 17.2 | 19.7 |
| | 2015 | 15.9 | 13.7 | 20.0 | 14.4 | 25.6 | 23.7 | 20.5 | 22.9 | 15.3 | 14.7 | 21.4 | 15.0 | 15.1 | 13.6 | 16.4 | 18.2 |
| | 2016 | 14.9 | 17.2 | 18.8 | 13.0 | 31.3 | 18.2 | 21.5 | 20.7 | 14.4 | 13.5 | 19.3 | 14.2 | 12.9 | 18.1 | 13.5 | 17.5 |
| | 2017 | 13.7 | 15.7 | 14.3 | 12.6 | 22.0 | 16.6 | 15.3 | 18.0 | 13.2 | 13.6 | 19.5 | 13.1 | 13.5 | 12.7 | 15.1 | 13.9 |
| 18-19 Years | 2007 | 121.4 | 89.4 | 99.8 | 81.2 | 164.0 | 103.4 | 122.4 | 242.8 | 131.9 | 157.6 | 125.8 | 89.6 | 144.9 | 102.8 | 129.9 | 129.8 |
| | 2008 | 111.3 | 89.5 | 92.4 | 72.2 | 165.9 | 94.7 | 133.3 | 156.1 | 120.0 | 135.7 | 135.7 | 86.5 | 121.8 | 111.6 | 100.1 | 121.7 |
| | 2009 | 102.5 | 100.2 | 102.7 | 68.9 | 160.2 | 93.2 | 203.9 | 127.2 | 106.0 | 129.2 | 132.3 | 82.3 | 108.4 | 115.7 | 101.3 | 119.9 |
| | 2010 | 80.8 | 96.6 | 90.6 | 40.2 | 137.9 | 96.0 | 122.4 | 177.8 | 80.3 | 96.5 | 122.7 | 68.7 | 96.8 | 94.2 | 84.5 | 114.7 |
| | 2011 | 77.2 | 94.2 | 78.9 | 36.2 | 132.6 | 81.7 | 163.3 | 127.8 | 78.4 | 75.9 | 121.1 | 64.3 | 94.7 | 104.2 | 71.3 | 109.3 |
| | 2012 | 70.2 | 79.6 | 80.2 | 33.4 | 105.8 | 95.2 | 64.7 | 87.7 | 69.3 | 69.6 | 115.7 | 61.9 | 82.2 | 97.9 | 64.6 | 90.1 |
| | 2013 | 64.8 | 68.5 | 65.2 | 30.8 | 133.0 | 103.2 | 108.8 | 146.1 | 64.2 | 59.4 | 92.9 | 54.6 | 67.7 | 92.4 | 62.2 | 83.0 |
| | 2014 | 65.2 | 66.4 | 66.7 | 25.8 | 114.8 | 108.7 | 142.9 | 126.4 | 68.3 | 79.5 | 81.0 | 48.7 | 70.8 | 66.9 | 75.5 | 72.0 |
| | 2015 | 58.4 | 43.9 | 77.0 | 25.9 | 105.7 | 95.0 | 86.2 | 77.3 | 59.5 | 67.9 | 78.9 | 45.9 | 71.4 | 50.9 | 64.5 | 69.9 |
| | 2016 | 55.0 | 68.1 | 73.0 | 21.3 | 114.2 | 70.6 | 84.5 | 94.9 | 56.4 | 63.2 | 70.2 | 43.5 | 58.9 | 69.3 | 55.1 | 63.1 |
| | 2017 | 50.9 | 62.1 | 55.4 | 22.6 | 97.0 | 61.5 | 67.2 | 80.5 | 51.7 | 67.4 | 76.3 | 39.1 | 64.0 | 61.0 | 61.3 | 50.3 |
| 10-17 Years | 2007 | 14.8 | 12.5 | 12.0 | 16.3 | 16.2 | 19.3 | ** | 15.8 | 15.3 | 10.7 | 14.4 | 13.6 | 16.4 | 17.7 | 12.8 | 16.0 |
| | 2008 | 13.7 | 9.7 | 11.3 | 13.2 | 21.0 | 12.9 | 16.2 | 17.0 | 14.3 | 9.5 | 15.5 | 12.5 | 13.6 | 15.0 | 10.9 | 14.6 |
| | 2009 | 11.2 | 10.1 | 10.8 | 13.0 | 15.9 | 14.2 | 13.3 | 9.5 | 11.0 | 8.1 | 12.5 | 11.2 | 11.8 | 11.4 | 8.4 | 16.1 |
| | 2010 | 10.0 | 11.0 | 10.8 | 11.5 | 18.1 | 11.9 | 19.3 | ** | 9.5 | 8.1 | 12.5 | 10.3 | 8.6 | 17.1 | 6.6 | 14.9 |
| | 2011 | 8.7 | 7.8 | 10.4 | 10.6 | 14.6 | 10.3 | ** | 10.1 | 8.4 | 5.8 | 13.6 | 9.0 | 7.7 | 11.9 | 7.8 | 11.2 |
| | 2012 | 8.4 | 7.7 | 9.2 | 8.3 | 11.7 | 12.2 | ** | 8.9 | 8.1 | 6.3 | 10.4 | 8.0 | 7.2 | 15.0 | 7.4 | 12.6 |
| | 2013 | 6.9 | 8.1 | 6.9 | 7.3 | 10.7 | 10.0 | 10.8 | 12.8 | 6.6 | 4.4 | 7.1 | 7.4 | 5.3 | 7.7 | 5.4 | 10.1 |
| | 2014 | 6.1 | 6.0 | 6.4 | 7.1 | 9.9 | 9.5 | ** | 11.6 | 5.9 | 4.8 | 8.8 | 6.6 | 5.1 | 9.1 | 4.3 | 6.7 |
| | 2015 | 5.4 | 6.8 | 6.3 | 6.2 | 9.5 | 8.1 | ** | 10.3 | 5.2 | 3.9 | 9.7 | 5.2 | 4.7 | 5.2 | 5.3 | 5.7 |
| | 2016 | 5.0 | 6.5 | 6.3 | 6.9 | 13.7 | 6.4 | ** | ** | 4.6 | 3.4 | 8.8 | 4.8 | 4.3 | 6.9 | 3.8 | 6.7 |
| | 2017 | 4.4 | 6.1 | 5.0 | 5.2 | 5.9 | 6.7 | ** | ** | 4.1 | 3.0 | 8.1 | 4.9 | 3.8 | 2.3 | 4.1 | 5.2 |

Notes: ** Cell suppressed due to rate/ratio/percent based on count less than 6; [a] Number of pregnancies per 1,000 females in specified group.

## TABLE 10
## LIVE BIRTHS TO FEMALES 19 OR YOUNGER AS A PERCENTAGE OF TOTAL LIVE BIRTHS BY AREA, RACE/ETHNICITY, AND YEAR, ARIZONA, 2007-2017

| Group | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **ARIZONA, TOTAL[a]** | | | | | | | | | | | |
| # Births (all ages) | 102,687 | 99,215 | 92,616 | 87,053 | 85,190 | 85,725 | 84,963 | 86,648 | 85,024 | 84,404 | 81,664 |
| # Births to teenagers | 12,972 | 12,161 | 10,952 | 9,416 | 8,535 | 8,117 | 7,222 | 6,623 | 5,884 | 5,390 | 5,041 |
| % Births to teenagers | 12.6 | 12.2 | 11.8 | 10.8 | 10.0 | 9.5 | 8.5 | 7.6 | 6.9 | 6.4 | 6.2 |
| **URBAN COUNTIES[b]** | | | | | | | | | | | |
| # Births (all ages) | 88,266 | 85,263 | 79,046 | 74,624 | 74,040 | 74,128 | 73,493 | 74,677 | 73,547 | 72,899 | 70,780 |
| # Births to teenagers | 10,693 | 10,013 | 8,867 | 7,690 | 6,886 | 6,697 | 6,011 | 5,447 | 4,856 | 4,412 | 4,139 |
| % Births to teenagers | 12.1 | 11.7 | 11.2 | 10.3 | 9.3 | 9.0 | 8.2 | 7.3 | 6.6 | 6.1 | 5.8 |
| **RURAL COUNTIES** | | | | | | | | | | | |
| # Births (all ages) | 14,413 | 13,952 | 13,570 | 12,429 | 12,150 | 11,597 | 11,470 | 11,955 | 11,467 | 11,502 | 10,873 |
| # Births to teenagers | 2,279 | 2,148 | 2,085 | 1,726 | 1,549 | 1,420 | 1,211 | 1,175 | 1,028 | 978 | 901 |
| % Births to teenagers | 15.8 | 15.3 | 15.4 | 13.9 | 12.7 | 12.2 | 10.6 | 9.8 | 9.0 | 8.5 | 8.3 |
| **WHITE NON-HISPANIC** | | | | | | | | | | | |
| # Births (all ages) | 42,216 | 41,925 | 39,781 | 38,777 | 38,294 | 38,670 | 38,220 | 40,097 | 38,180 | 37,762 | 35,685 |
| # Births to teenagers | 3,100 | 2,993 | 2,715 | 2,386 | 2,089 | 1,977 | 1,781 | 1,757 | 1,531 | 1,347 | 1,164 |
| % Births to teenagers | 7.3 | 7.1 | 6.8 | 6.2 | 5.5 | 5.1 | 4.7 | 4.4 | 4.0 | 3.6 | 3.3 |
| **HISPANIC OR LATINO** | | | | | | | | | | | |
| # Births (all ages) | 45,731 | 42,639 | 38,362 | 34,333 | 32,398 | 33,146 | 33,075 | 33,715 | 34,264 | 33,874 | 33,191 |
| # Births to teenagers | 7,782 | 7,168 | 6,341 | 5,348 | 4,631 | 4,627 | 4,080 | 3,813 | 3,409 | 3,136 | 2,974 |
| % Births to teenagers | 17.0 | 16.8 | 16.5 | 15.6 | 14.3 | 14.0 | 12.3 | 11.3 | 9.9 | 9.3 | 9.0 |
| **BLACK OR AFRICAN AMERICAN** | | | | | | | | | | | |
| # Births (all ages) | 4,165 | 4,301 | 4,378 | 4,328 | 4,366 | 4,715 | 4,726 | 4,522 | 4,361 | 4,388 | 4,595 |
| # Births to teenagers | 621 | 656 | 603 | 562 | 561 | 544 | 507 | 394 | 312 | 316 | 329 |
| % Births to teenagers | 14.9 | 15.2 | 13.8 | 13.0 | 12.8 | 11.5 | 8.7 | 8.7 | 7.2 | 7.2 | 7.2 |
| **AMERICAN INDIAN OR ALASKA NATIVE** | | | | | | | | | | | |
| # Births (all ages) | 6,408 | 6,362 | 6,170 | 5,815 | 5,830 | 5,569 | 5,476 | 5,145 | 4,984 | 5,030 | 4,866 |
| # Births to teenagers | 1,285 | 1,185 | 1,170 | 988 | 987 | 890 | 775 | 602 | 569 | 540 | 519 |
| % Births to teenagers | 20.0 | 18.6 | 19.0 | 17.0 | 16.9 | 16.0 | 14.2 | 11.7 | 11.4 | 10.7 | 10.7 |
| **ASIAN OR PACIFIC ISLANDER** | | | | | | | | | | | |
| # Births (all ages) | 3,412 | 3,425 | 3,396 | 3,293 | 3,505 | 3,625 | 3,466 | 3,169 | 3,235 | 3,350 | 3,327 |
| # Births to teenagers | 103 | 113 | 88 | 103 | 111 | 79 | 79 | 57 | 63 | 51 | 55 |
| % Births to teenagers | 3.0 | 3.2 | 2.6 | 3.1 | 3.2 | 2.2 | 2.3 | 1.8 | 1.9 | 1.5 | 1.7 |

Notes: [a] Includes records for ethnic groups other than White Non-Hispanic, Hispanic or Latino, Black or African American, American Indian or Alaska Native, or Asian or Pacific Islander; [b] Urban = Maricopa, Pima, Pinal, and Yuma. The remaining counties comprise Arizona's rural areas.

**TABLE 11**
**BIRTH RATES BY AGE GROUP FOR FEMALES 19 OR YOUNGER,**
**ARIZONA, AND UNITED STATES, 2007-2017**

| Year | 10-14 years | | 15 - 19 years old | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Total | | 15-17 years | | 18-19 years | |
| | AZ | U.S. | AZ | U.S. | AZ | U.S. | AZ | U.S. |
| **2007** | 0.8 | 0.6 | 59.5 | 41.5 | 32.3 | 21.7 | 105.1 | 71.7 |
| **2008** | 0.7 | 0.6 | 54.9 | 40.2 | 30.3 | 21.1 | 96.3 | 68.2 |
| **2009** | 0.6 | 0.5 | 49.1 | 37.9 | 25.3 | 19.6 | 89.0 | 64.0 |
| **2010** | 0.5 | 0.4 | 41.5 | 34.2 | 22.1 | 17.3 | 69.2 | 58.2 |
| **2011** | 0.5 | 0.4 | 37.2 | 31.3 | 18.6 | 15.4 | 63.7 | 54.1 |
| **2012** | 0.3 | 0.4 | 35.4 | 29.4 | 18.5 | 14.1 | 58.6 | 51.4 |
| **2013** | 0.3 | 0.3 | 31.3 | 26.5 | 15.0 | 12.3 | 53.6 | 47.1 |
| **2014** | 0.2 | 0.3 | 29.9 | 24.2 | 13.4 | 10.9 | 54.7 | 43.8 |
| **2015** | 0.2 | 0.2 | 26.3 | 22.3 | 11.8 | 9.9 | 48.2 | 40.7 |
| **2016** | 0.2 | 0.2 | 23.7 | 20.3 | 10.5 | 8.8 | 43.7 | 37.5 |
| **2017** | 0.2 | 0.2 | 21.9 | 18.8 | 9.3 | 7.9 | 41.0 | 35.1 |

Note: The U.S. data is from the National Vital Statistics reports published by the National Center for Health Statistics.

**TABLE 12**
**REPEAT PREGNANCIES AMONG TEENAGE MOTHERS GIVING BIRTH BY AGE, AND YEAR, ARIZONA, 2007-2017**

| Mother's age | Pregnancies | | Year | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| 15 | Total | | 604 | 570 | 446 | 339 | 249 | 293 | 220† | 184 | 193 | 170† | 148 |
| | Previous pregnancies | None | 553 | 553 | 428 | 317 | 239 | 283 | 217 | 173 | 193 | 163 | 142 |
| | | One or more | 51 | 17 | 18 | 22 | 10 | 8 | * | 10 | 0 | * | 6 |
| | | Unknown | 0 | 0 | 0 | 0 | 0 | * | * | * | 0 | 0 | 0 |
| 16 | Total | | 1,360 | 1,250 | 1,107 | 937 | 792 | 774 | 609 | 531 | 472 | 426 | 389 |
| | Previous pregnancies | None | 1,199 | 1,146 | 988 | 848 | 743 | 732 | 571 | 511 | 441 | 403 | 369 |
| | | One or more | 161 | 104 | 119 | 89 | 49 | 42 | 38 | 20 | 31 | 22 | 19 |
| | | Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| 17 | Total | | 2,397 | 2,331 | 1,948 | 1,634 | 1,406 | 1,363 | 1,153 | 1,055 | 917 | 827 | 743 |
| | Previous pregnancies | None | 1,895 | 1,983 | 1,598 | 1,343 | 1,197 | 1,218 | 1,022 | 938 | 835 | 750 | 676 |
| | | One or more | 502 | 348 | 350 | 291 | 209 | 145 | 129 | 116 | 82 | 77 | 67 |
| | | Unknown | 0 | 0 | 0 | 0 | 0 | 0 | * | * | 0 | 0 | 0 |
| 18 | Total | | 3,661 | 3,376 | 3,078 | 2,647 | 2,399 | 2,281 | 2,012 | 1,886 | 1,620 | 1,537 | 1,417 |
| | Previous pregnancies | None | 2,645 | 2,576 | 2,226 | 1,967 | 1,901 | 1,845 | 1,658 | 1,545 | 1,365 | 1,276 | 1,179 |
| | | One or more | 1,016 | 799 | 851 | 680 | 498 | 434 | 351 | 341 | 255 | 260 | 238 |
| | | Unknown | 0 | * | * | 0 | 0 | * | * | 0 | 0 | * | 0 |
| 19 | Total | | 4,770 | 4,473 | 4,241 | 3,754 | 3,488 | 3,339 | 3,154 | 2,921 | 2,641 | 2,379 | 2,308 |
| | Previous pregnancies | None | 2,980 | 3,065 | 2,667 | 2,459 | 2,414 | 2,444 | 2,376 | 2,233 | 2,017 | 1,873 | 1,817 |
| | | One or more | 1,790 | 1,407 | 1,570 | 1,295 | 1,074 | 892 | 777 | 687 | 622 | 506 | 490 |
| | | Unknown | 0 | * | * | 0 | 0 | * | * | * | * | 0 | * |

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

## TABLE 13
## CUMULATIVE NUMBER OF MOTHERS WHO WERE 19 OR YOUNGER IN ARIZONA IN 2017

| Year Baby Was Born | MOTHER'S AGE WHEN BABY WAS BORN | | | | | | | | | | Mother was 19 or younger in 2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | |
| **2008** | 0 | | | | | | | | | | **0†** |
| **2009** | 0 | 0 | | | | | | | | | **0†** |
| **2010** | 0 | * | * | | | | | | | | **0†** |
| **2011** | 0 | 0 | * | 7 | | | | | | | **10†** |
| **2012** | 0 | 0 | * | * | 61 | | | | | | **70†** |
| **2013** | 0 | 0 | * | 15 | 55 | 223 | | | | | **290†** |
| **2014** | 0 | 0 | 0 | 6 | 40 | 184 | 531 | | | | **761** |
| **2015** | 0 | 0 | 0 | * | 38 | 193 | 472 | 917 | | | **1,620†** |
| **2016** | 0 | 0 | * | 9 | 44 | 167 | 426 | 827 | 1537 | | **3,010†** |
| **2017** | 0 | 0 | 0 | 6 | 30 | 148 | 389 | 743 | 1417 | 2308 | **5,041** |
| **Cumulative number of mothers 19 or younger** | **0** | **0†** | **10†** | **50†** | **268** | **915** | **1,818** | **2,487** | **2,954** | **2,308** | **10,810†** |

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; The above table focuses on the 2017 cohort of Arizona mothers who were 19 or younger that year. Among them are those who gave birth in 2017 and those who gave birth prior to 2017 and were still 19 or less years old in 2017. The numbers below the main diagonal (and below the stair-like line) represent the number of mothers meeting either one of the above criteria. The last column to the right gives the cumulative total for 2017 by the year the baby was born. For example, from among those girls and adolescents who had their baby in 2010, about 10 remained in their teens in 2017. The bottom row gives the cumulative total by mother's age when the baby was born. For example, among the 10,810 mothers under 20 in Arizona in 2017, around 10 had given birth when 13 years old. Excluded from the cumulative totals and not shown above the main diagonal (and above stair-like line) are the number of mothers who were 19 years old or younger when the baby was born, but who were no longer under the age 20 by 2017. For example, mothers who were 11 years old in 2008 were 20 years old in 2017. The figures in Table 13 are unadjusted for in-and-out migration, as well as mortality of mothers, in the period of 2008-2017. For simplicity, the number of mothers equals the number of babies (i.e., no adjustment was made for multiple birth events).

**TABLE 14**
**TRENDS IN TEEN PREGNANCY RATES BY RACE/ETHNICITY AND AGE GROUP, ARIZONA, 2007-2017**

| | Total, females 19 years or younger | 10-14 years | 15-19 years | 15-17 years | 18-19 years |
|---|---|---|---|---|---|
| **WHITE NON-HISPANIC** | | | | | |
| **2007** | 19.0 | 0.9 | 36.3 | 15.6 | 70.3 |
| **2008** | 17.5 | 0.3 | 34.1 | 14.9 | 65.3 |
| **2009** | 15.6 | 0.3 | 30.3 | 12.3 | 59.6 |
| **2010** | 15.9 | 0.3 | 30.5 | 12.9 | 53.9 |
| **2011** | 11.8 | 0.2 | 22.8 | 9.6 | 40.8 |
| **2012** | 10.7 | 0.1 | 20.6 | 9.0 | 35.6 |
| **2013** | 9.8 | 0.1 | 18.9 | 7.1 | 34.0 |
| **2014** | 11.6 | 0.2 | 23.0 | 8.2 | 45.5 |
| **2015** | 10.5 | ** | 20.6 | 7.7 | 40.2 |
| **2016** | 9.5 | 0.2 | 18.5 | 6.5 | 36.4 |
| **2017** | 8.2 | ** | 15.8 | 5.4 | 31.5 |
| **HISPANIC OR LATINO** | | | | | |
| **2007** | 55.3 | 1.9 | 116.8 | 68.5 | 201.2 |
| **2008** | 49.4 | 1.7 | 104.4 | 62.7 | 177.2 |
| **2009** | 43.5 | 1.1 | 92.4 | 51.3 | 164.2 |
| **2010** | 33.8 | 0.9 | 67.9 | 38.9 | 112.6 |
| **2011** | 30.2 | 0.9 | 60.5 | 31.8 | 104.0 |
| **2012** | 28.0 | 0.6 | 56.7 | 31.6 | 93.8 |
| **2013** | 25.0 | 0.6 | 50.7 | 25.9 | 87.4 |
| **2014** | 25.4 | 0.3 | 51.9 | 25.2 | 91.7 |
| **2015** | 20.4 | 0.4 | 41.4 | 19.5 | 74.7 |
| **2016** | 19.3 | 0.4 | 38.7 | 17.6 | 71.5 |
| **2017** | 17.8 | 0.4 | 35.7 | 15.8 | 66.5 |
| **BLACK OR AFRICAN AMERICAN** | | | | | |
| **2007** | 36.1 | 2.3 | 73.9 | 36.9 | 144.1 |
| **2008** | 37.7 | 1.6 | 78.1 | 37.2 | 155.7 |
| **2009** | 33.3 | 0.8 | 69.5 | 31.6 | 141.7 |
| **2010** | 29.5 | 1.1 | 56.1 | 27.3 | 97.0 |
| **2011** | 24.9 | 0.9 | 47.7 | 22.3 | 84.0 |
| **2012** | 26.2 | ** | 49.8 | 26.2 | 81.2 |
| **2013** | 25.1 | 0.7 | 47.5 | 20.9 | 82.9 |
| **2014** | 16.9 | ** | 33.3 | 15.9 | 59.4 |
| **2015** | 16.6 | ** | 32.6 | 14.2 | 59.8 |
| **2016** | 17.3 | ** | 34.0 | 14.0 | 63.5 |
| **2017** | 17.8 | ** | 34.9 | 14.0 | 64.9 |
| **AMERICAN INDIAN OR ALASKA NATIVE** | | | | | |
| **2007** | 39.1 | 2.0 | 73.8 | 42.4 | 124.9 |
| **2008** | 35.5 | 1.4 | 67.4 | 38.1 | 115.2 |
| **2009** | 34.7 | 1.0 | 66.2 | 36.9 | 114.0 |
| **2010** | 37.0 | 1.2 | 69.5 | 40.5 | 111.0 |
| **2011** | 29.2 | 0.8 | 55.7 | 28.8 | 94.2 |
| **2012** | 33.6 | 0.5 | 65.5 | 32.2 | 110.7 |
| **2013** | 29.7 | 0.6 | 58.6 | 31.5 | 98.0 |
| **2014** | 19.2 | 0.7 | 37.8 | 21.0 | 62.7 |
| **2015** | 26.8 | 0.9 | 52.5 | 27.3 | 90.8 |
| **2016** | 24.7 | 1.1 | 47.9 | 24.8 | 83.9 |
| **2017** | 22.8 | 0.7 | 45.2 | 23.3 | 78.9 |
| **ASIAN OR PACIFIC ISLANDER** | | | | | |
| **2007** | 15.3 | 0.0 | 31.1 | 12.0 | 62.2 |
| **2008** | 13.5 | ** | 27.6 | 11.6 | 53.5 |
| **2009** | 11.6 | ** | 23.6 | 8.2 | 48.7 |
| **2010** | 9.9 | ** | 19.9 | 8.3 | 35.5 |
| **2011** | 9.1 | ** | 18.0 | 7.2 | 32.7 |
| **2012** | 7.5 | ** | 14.6 | 5.6 | 26.6 |
| **2013** | 6.8 | ** | 13.2 | 3.7 | 25.5 |
| **2014** | 5.5 | ** | 10.9 | 4.6 | 20.3 |
| **2015** | 6.3 | 0.0 | 12.8 | 4.8 | 23.8 |
| **2016** | 5.0 | 0.0 | 10.0 | 3.4 | 19.0 |
| **2017** | 5.8 | ** | 11.3 | 2.0 | 24.2 |

Note: ** Cell supressed due to rate/ratio/percent based on non-zero count less than 6.

**TABLE 15**
**TRENDS IN SEXUALLY TRANSMITTED INFECTIONS BY AGE GROUP AND YEAR AMONG FEMALES 10-19 YEARS, ARIZONA, 2007-2017**

| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Diagnosed with:** | **10-14 years** | | | | | | | | | | |
| **Gonorrhea** | 32 | 19 | 26 | 22 | 27 | 21 | 21 | 16 | 30 | 38 | 39 |
| **Chlamydia** | 278 | 249 | 224 | 223 | 208 | 197 | 135 | 143 | 131 | 166 | 155 |
| **Early syphilis** | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| **Total reported infections** | 310† | 270† | 250 | 245 | 235 | 218 | 156 | 159 | 161 | 204 | 200† |
| **Diagnosed with:** | **15-19 years** | | | | | | | | | | |
| **Gonorrhea** | 709 | 468 | 453 | 529 | 691 | 813 | 702 | 679 | 751 | 856 | 1,024 |
| **Chlamydia** | 6,600 | 6,595 | 6,771 | 6,666 | 7,073 | 6,882 | 6,213 | 5,876 | 5,952 | 6,385 | 7,016 |
| **Early syphilis** | 25 | 8 | 6 | 10 | 8 | 6 | 6 | 9 | 8 | 7 | 23 |
| **Total reported infections** | 7,334 | 7,071 | 7,230 | 7,205 | 7,772 | 7,701 | 6,921 | 6,564 | 6,711 | 7,248 | 8,063 |

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; Information about the number of reported cases of gonorrhea, chlamydia, and early syphilis was provided by STD Program in the Office of Infectious Diseases (see Table 3B-3 in the Arizona Health Status and Vital Statistics annual reports).

**TABLE 16**
**TRENDS IN THE INCIDENCE RATES[a] OF SEXUALLY TRANSMITTED INFECTIONS BY AGE GROUP AND YEAR AMONG FEMALES 10-19 YEARS, ARIZONA, 2007-2017**

| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Diagnosed with:** | **10-14 years** | | | | | | | | | | |
| **Gonorrhea** | 14.4 | 8.4 | 11.4 | 10.0 | 12.3 | 9.4 | 9.4 | 7.1 | 13.3 | 16.9 | 17.3 |
| **Chlamydia** | 125.1 | 110.3 | 98.3 | 101.5 | 94.7 | 88.5 | 60.4 | 63.7 | 58.3 | 73.9 | 68.8 |
| **Early syphilis** | ** | ** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | ** |
| **Total reported infections** | 140.0 | 119.1 | 109.7 | 111.5 | 107.0 | 97.9 | 69.8 | 70.8 | 71.6 | 90.8 | 86.5 |
| **Diagnosed with:** | **15-19 years** | | | | | | | | | | |
| **Gonorrhea** | 329.6 | 214.1 | 205.4 | 253.8 | 308.1 | 374.7 | 321.0 | 306.9 | 334.1 | 380.8 | 450.3 |
| **Chlamydia** | 3,068.6 | 3,017.7 | 3,070.0 | 2,971.9 | 3,153.3 | 3,171.8 | 2,840.6 | 2,656.2 | 2,647.8 | 2,840.4 | 3,085.0 |
| **Early syphilis** | 11.6 | 3.7 | 2.7 | 4.5 | 3.6 | 2.8 | 2.7 | 4.1 | 3.6 | 7.6 | 10.1 |
| **Total reported infections** | 3,409.9 | 3,235.5 | 3,278.1 | 3,230.2 | 3,465.0 | 3,549.3 | 3,164.3 | 2,967.2 | 2,985.5 | 3,228.8 | 3,545.4 |

Notes: ** Cell supressed due to rate/ratio/percent based on non-zero count less than 6; [a] Number of cases per 100,000 females in specified age group.

**TABLE 17**
**PREGNANCIES AND PREGNANCY RATES OF FEMALES 19 OR YOUNGER**
**BY COUNTY OF RESIDENCE, ARIZONA, 2017**

| County of residence | NUMBER OF PREGNANCIES[a] | | | | |
|---|---|---|---|---|---|
| | Total, females 19 years or younger | 10-14 years | 15-19 years old | | |
| | | | Total, 15-19 years | 15-17 years | 18-19 years |
| **Apache** | 100† | * | 96 | 30 | 66 |
| **Cochise** | 110† | * | 108 | 30 | 78 |
| **Coconino** | 150† | * | 146 | 34 | 112 |
| **Gila** | 60† | * | 59 | 10 | 49 |
| **Graham** | 48 | 0 | 48 | 16 | 32 |
| **Greenlee** | 12 | 0 | 10† | * | 9 |
| **La Paz** | 17 | 0 | 20† | * | 14 |
| **Maricopa** | 3,729 | 32 | 3,697 | 916 | 2,781 |
| **Mohave** | 143 | 0 | 143 | 26 | 117 |
| **Navajo** | 160† | * | 155 | 52 | 103 |
| **Pima** | 840 | 15 | 825 | 225 | 600 |
| **Pinal** | 360† | * | 353 | 80 | 273 |
| **Santa Cruz** | 53 | 0 | 53 | 8 | 45 |
| **Yavapai** | 161 | 0 | 161 | 35 | 126 |
| **Yuma** | 210† | * | 207 | 62 | 145 |
| **TOTAL STATE** | 6,252 | 70† | 6,187 | 1,550† | 4,633 |

| County of residence | PREGNANCY RATES[b] | | | | |
|---|---|---|---|---|---|
| | Total, females 19 years or younger | 10-14 years | 15-19 years old | | |
| | | | Total 15-19 years | 15-17 years | 18-19 years |
| **Apache** | 15.7 | ** | 31.9 | 15.4 | 62.1 |
| **Cochise** | 14.3 | ** | 28.8 | 12.8 | 55.4 |
| **Coconino** | 12.6 | ** | 19.4 | 13.3 | 22.6 |
| **Gila** | 22.0 | ** | 42.8 | 11.4 | 97.0 |
| **Graham** | 16.6 | 0.0 | 33.2 | 17.3 | 61.5 |
| **Greenlee** | 15.3 | 0.0 | 30.7 | ** | 67.2 |
| **La Paz** | 18.0 | 0.0 | 37.8 | ** | 80.5 |
| **Maricopa** | 13.2 | 0.2 | 26.4 | 10.6 | 51.7 |
| **Mohave** | 13.6 | 0.0 | 27.5 | 7.5 | 67.4 |
| **Navajo** | 19.5 | ** | 40.0 | 20.6 | 76.3 |
| **Pima** | 13.1 | 0.5 | 24.1 | 11.9 | 39.1 |
| **Pinal** | 13.5 | ** | 28.2 | 9.7 | 64.0 |
| **Santa Cruz** | 12.7 | 0.0 | 26.5 | 6.3 | 61.0 |
| **Yavapai** | 15.1 | 0.0 | 30.1 | 10.6 | 61.3 |
| **Yuma** | 13.9 | ** | 27.7 | 13.5 | 50.3 |
| **TOTAL STATE** | 13.7 | 0.3 | 27.1 | 11.3 | 50.9 |

Notes: * Cell suppressed due to non-zero count less than 6; ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; [a] The sum of live births, fetal deaths and abortions; [b] The number of pregnancies per 1,000 females in specified group.

**TABLE 18**
**BIRTHS AND BIRTH RATES, FEMALES 19 OR YOUNGER BY COUNTY OF RESIDENCE, ARIZONA, 2017**

| County of residence | NUMBER OF BIRTHS | | | | |
|---|---|---|---|---|---|
| | Total, females 19 years or younger | 10-14 years | 15-19 years old | | |
| | | | Total 15-19 years | 15-17 years | 18-19 years |
| **Apache** | 90† | * | 93 | 30 | 63 |
| **Cochise** | 100† | * | 97 | 27 | 70 |
| **Coconino** | 120† | * | 120 | 32 | 88 |
| **Gila** | 50† | * | 51 | 6 | 45 |
| **Graham** | 44 | 0 | 44 | 15 | 29 |
| **Greenlee** | 11 | 0 | 10† | * | 9 |
| **La Paz** | 15 | 0 | 20† | * | 13 |
| **Maricopa** | 2,972 | 18 | 2,954 | 734 | 2,220 |
| **Mohave** | 139 | 0 | 139 | 26 | 113 |
| **Navajo** | 150† | * | 146 | 50 | 96 |
| **Pima** | 663 | 8 | 655 | 189 | 466 |
| **Pinal** | 300† | * | 296 | 70 | 226 |
| **Santa Cruz** | 51 | 0 | 51 | 8 | 43 |
| **Yavapai** | 126 | 0 | 126 | 28 | 98 |
| **Yuma** | 210† | * | 206 | 61 | 145 |
| **TOTAL STATE** | 5,041 | 40† | 5,005 | 1,280† | 3,725 |

| County of residence | BIRTH RATES[a] | | | | |
|---|---|---|---|---|---|
| | Total, females 19 years or younger | 10-14 years | 15-19 years old | | |
| | | | Total 15-19 years | 15-17 years | 18-19 years |
| **Apache** | 15.2 | ** | 30.9 | 15.4 | 59.3 |
| **Cochise** | 12.9 | ** | 25.9 | 11.5 | 49.7 |
| **Coconino** | 10.4 | ** | 16.0 | 12.5 | 17.8 |
| **Gila** | 18.9 | ** | 37.0 | 6.9 | 89.1 |
| **Graham** | 15.2 | 0.0 | 30.4 | 16.2 | 55.8 |
| **Greenlee** | 14.1 | 0.0 | 28.1 | ** | 67.2 |
| **La Paz** | 15.8 | 0.0 | 33.3 | ** | 74.7 |
| **Maricopa** | 10.5 | 0.1 | 21.1 | 8.5 | 41.3 |
| **Mohave** | 13.2 | 0.0 | 26.7 | 7.5 | 65.1 |
| **Navajo** | 18.4 | ** | 37.7 | 19.8 | 71.1 |
| **Pima** | 10.4 | 0.3 | 19.1 | 10.0 | 30.3 |
| **Pinal** | 11.2 | ** | 23.6 | 8.5 | 53.0 |
| **Santa Cruz** | 12.3 | 0.0 | 25.5 | 6.3 | 58.3 |
| **Yavapai** | 11.9 | 0.0 | 23.6 | 8.5 | 47.6 |
| **Yuma** | 13.7 | ** | 27.6 | 13.3 | 50.3 |
| **TOTAL STATE** | 11.1 | 0.2 | 21.9 | 9.3 | 41.0 |

Notes: * Cell suppressed due to non-zero count less than 6; ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; [a] The number of births per 1,000 females in specified group.

**TABLE 19**
**PREGNANCY RATES[a] AND NUMBER OF LIVE BIRTHS, FETAL DEATHS, AND ABORTIONS TO TEENS BY INDIVIDUAL AGE, ARIZONA, 2017**

| Age | Population | PREGNANCIES BY OUTCOME | | | TOTAL PREGNANCIES | |
|---|---|---|---|---|---|---|
| | | Live births | Induced terminations of pregnancy (or abortions) | Spontaneous fetal losses | Number | Rate |
| **10** | 45,913 | 0 | 0 | 0 | 0 | **0.0** |
| **11** | 45,779 | 0 | * | 0 | * | ** |
| **12** | 44,602 | 0 | * | 0 | * | ** |
| **13** | 45,272 | 6 | * | 0 | 7 | **0.2** |
| **14** | 44,765 | 30 | 22 | 0 | 52 | **1.2** |
| **10-14** | 226,331 | 36 | 30† | 0 | 70† | **0.3** |
| **15** | 45,798 | 148 | 51 | * | 201 | **4.4** |
| **16** | 46,475 | 389 | 72 | * | 463 | **10.0** |
| **17** | 45,353 | 743 | 144 | * | 890 | **19.6** |
| **15-17** | 137,626 | 1,280 | 267 | 10† | 1,554 | **11.3** |
| **18** | 45,770 | 1,417 | 361 | 12 | 1,790 | **39.1** |
| **19** | 45,187 | 2,308 | 522 | 13 | 2,843 | **62.9** |
| **18-19** | 90,957 | 3,725 | 883 | 25 | 4,633 | **50.9** |
| **Total 10-19** | 454,914 | 5,041 | 1,179 | 32 | 6,252 | **13.7** |

Notes: * Cell suppressed due to non-zero count less than 6; ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; [a] Rates per 1,000 female population in specific group.

**TABLE 20**
**BIRTHS TO FEMALES 19 OR YOUNGER BY AGE AND COUNTY OF RESIDENCE, ARIZONA, 2017**

| | Total | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| **TOTAL** | 5,041 | 10† | 30† | 150† | 390† | 740† | 1,420† | 2,308 |
| **Apache** | 90† | 0 | * | * | 11 | 17 | 28 | 35 |
| **Cochise** | 100† | 0 | * | * | 8 | 14 | 31 | 39 |
| **Coconino** | 120† | * | 0 | * | 11 | 18 | 34 | 54 |
| **Gila** | 50† | 0 | * | * | * | * | 16 | 29 |
| **Graham** | 40† | 0 | 0 | 0 | * | 10 | 14 | 15 |
| **Geenlee** | 10† | 0 | 0 | 0 | 0 | * | * | 6 |
| **La Paz** | 20† | 0 | 0 | 0 | * | * | 6 | 7 |
| **Maricopa** | 2,970† | * | 13 | 91 | 205 | 438 | 817 | 1,403 |
| **Mohave** | 140† | 0 | 0 | * | 13 | 10 | 40 | 73 |
| **Navajo** | 150† | 0 | * | * | 24 | 24 | 38 | 58 |
| **Pima** | 663 | 0 | 8 | 24 | 54 | 111 | 186 | 280 |
| **Pinal** | 300† | 0 | * | * | 21 | 44 | 90 | 136 |
| **Santa Cruz** | 50† | 0 | 0 | 0 | * | * | 15 | 28 |
| **Yavapai** | 130† | 0 | 0 | * | 10 | 15 | 38 | 60 |
| **Yuma** | 210† | 0 | * | 9 | 20 | 32 | 60 | 85 |

Note: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**TABLE 21**
**ABORTIONS TO FEMALES 19 OR YOUNGER BY AGE AND COUNTY OF RESIDENCE, ARIZONA, 2017**

| | Total | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
|---|---|---|---|---|---|---|---|---|---|---|
| **TOTAL** | 1,180† | 0† | 10† | 0† | 20† | 50† | 70† | 140† | 360† | 520† |
| **Apache** | 0† | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | 0 |
| **Cochise** | 10† | 0 | 0 | 0 | 0 | * | * | 0 | * | * |
| **Coconino** | 30† | 0 | 0 | 0 | 0 | 0 | * | 0 | 10 | 14 |
| **Gila** | 10† | 0 | 0 | 0 | * | * | * | * | * | * |
| **Graham** | 0† | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | 0 |
| **Greenlee** | 0† | 0 | 0 | 0 | 0 | 0 | 0 | * | 0 | 0 |
| **La Paz** | 0† | 0 | 0 | 0 | 0 | 0 | 0 | * | 0 | * |
| **Maricopa** | 740† | * | * | 0 | 11 | 34 | 40 | 105 | 213 | 334 |
| **Mohave** | 0† | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | * |
| **Navajo** | 10† | 0 | 0 | 0 | 0 | 0 | * | * | * | * |
| **Pima** | 170† | 0 | * | * | * | 6 | 13 | 15 | 50 | 80 |
| **Pinal** | 60† | 0 | * | 0 | * | * | * | * | 19 | 25 |
| **Santa Cruz** | 0† | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| **Yavapai** | 40† | 0 | 0 | 0 | 0 | * | * | * | 16 | 12 |
| **Yuma** | 0† | 0 | 0 | 0 | * | 0 | 0 | * | 0 | 0 |
| **Unknown** | 110† | 0 | * | 0 | * | * | 9 | 10 | 35 | 47 |

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**TABLE 22**
**SOURCES OF PAYMENT FOR LABOR AND DELIVERY, FEMALES 19 OR YOUNGER**
**BY AGE AND COUNTY OF RESIDENCE, ARIZONA, 2017**

| | Total | AHCCCS | IHS | Private insurance | Self-pay | Unknown |
|---|---|---|---|---|---|---|
| **TOTAL** | 5,041 | 4,259 | 110† | 510† | 150† | 10† |
| **Apache** | 90† | 79 | 8 | * | * | 0 |
| **Cochise** | 98 | 80 | 0 | 12 | 6 | 0 |
| **Coconino** | 120† | 101 | * | 15 | * | 0 |
| **Gila** | 50† | 32 | 17 | * | 0 | 0 |
| **Graham** | 40† | 29 | 9 | * | * | 0 |
| **Greenlee** | 10† | 9 | 0 | * | 0 | 0 |
| **La Paz** | 20† | 12 | * | 0 | 0 | 0 |
| **Maricopa** | 2,972 | 2,596 | 16 | 275 | 75 | 10 |
| **Mohave** | 140† | 122 | * | 11 | * | * |
| **Navajo** | 150† | 128 | 6 | 12 | * | 0 |
| **Pima** | 663 | 517 | 18 | 101 | 26 | * |
| **Pinal** | 297 | 220 | 29 | 40 | 8 | 0 |
| **Santa Cruz** | 50† | 47 | 0 | * | * | 0 |
| **Yavapai** | 130† | 112 | * | 12 | * | 0 |
| **Yuma** | 210† | 175 | * | 11 | 19 | 0 |

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**TABLE 23**
**SOURCES OF PAYMENT FOR LABOR AND DELIVERY, FEMALES 19 OR YOUNGER**
**BY AGE GROUP, ARIZONA, 2017**

| | | | Total | Mother's age group | | |
|---|---|---|---|---|---|---|
| | | | | <15 | 15-17 | 18-19 |
| **Total** | **Count** | | 5,040† | 40† | 1,280† | 3,725 |
| **Payer for births** | **AHCCCS** | **Count** | 4,259 | 30 | 1,072 | 3,157 |
| | | **Percent** | 84.5 | 83.3 | 83.8 | 84.8 |
| | **IHS** | **Count** | 110† | * | 31 | 81 |
| | | **Percent** | 2.3 | ** | 2.4 | 2.2 |
| | **Private insurance** | **Count** | 510† | * | 123 | 379 |
| | | **Percent** | 10.0 | ** | 9.6 | 10.2 |
| | **Self-pay** | **Count** | 150† | * | 50 | 99 |
| | | **Percent** | 3.0 | ** | 3.9 | 2.7 |
| | **Unknown** | **Count** | 10† | 0 | * | 9 |
| | | **Percent** | 0.3 | 0.0 | 0.0 | 0.2 |

Notes: * Cell suppressed due to non-zero count less than 6; ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**TABLE 24**
**TEENAGE BIRTHS BY NUMBER OF PREVIOUS PREGNANCIES BY AGE GROUP, ARIZONA, 2017**

| | | | Total | Mother's age group | | |
|---|---|---|---|---|---|---|
| | | | | <15 | 15-17 | 18-19 |
| **Total** | **Count** | | 5,040† | 40† | 1,280† | 3,730† |
| **Total prior pregnancies** | **None** | **Count** | 4,218 | 35 | 1,187 | 2,996 |
| | | **Percent** | 83.7 | 97.2 | 92.7 | 80.4 |
| | **1** | **Count** | 720† | * | 87 | 636 |
| | | **Percent** | 14.4 | ** | 6.8 | 17.1 |
| | **2** | **Count** | 90† | 0 | * | 85 |
| | | **Percent** | 1.8 | 0.0 | 0.0 | 2.3 |
| | **3** | **Count** | 10† | 0 | 0 | * |
| | | **Percent** | 0.0 | 0.0 | 0.0 | 0.0 |
| | **4 or more** | **Count** | 0† | 0 | 0 | * |
| | | **Percent** | 0.0 | 0.0 | 0.0 | 0.0 |
| | **Unknown** | **Count** | 0† | 0 | * | * |
| | | **Percent** | 0.0 | 0.0 | 0.0 | 0.0 |

**TABLE 25**
**TEENAGE BIRTHS BY MARITAL STATUS AND AGE GROUP, ARIZONA, 2017**

| | | | Total | Mother's age group | | |
|---|---|---|---|---|---|---|
| | | | | <15 | 15-17 | 18-19 |
| **Total** | **Count** | | 5,041 | 36 | 1,280† | 3,725 |
| **Marital status** | **Married** | **Count** | 522 | 0 | 43 | 479 |
| | | **Percent** | 10.4 | 0.0 | 3.4 | 12.9 |
| | **Unmarried** | **Count** | 4,505 | 36 | 1,235 | 3,234 |
| | | **Percent** | 89.4 | 100.0 | 96.5 | 86.8 |
| | **Other** | **Count** | 10† | 0 | * | 12 |
| | | **Percent** | 0.3 | 0.0 | ** | 0.3 |

**TABLE 26**
**TEENAGE BIRTHS BY MOTHER'S EDUCATION AND AGE GROUP ARIZONA, 2017**

| | | | Total | Mother's age group | | |
|---|---|---|---|---|---|---|
| | | | | <15 | 15-17 | 18-19 |
| **Total** | **Count** | | 5,041 | 36 | 1,280 | 3,725 |
| **Mother's education** | **8th Grade or Less** | **Count** | 228 | 13 | 103 | 112 |
| | | **Percent** | 4.5 | 36.1 | 8.1 | 3.0 |
| | **Some High School** | **Count** | 2,620 | 23 | 1,042 | 1,555 |
| | | **Percent** | 52.0 | 63.9 | 81.4 | 41.7 |
| | **High School / GED** | **Count** | 1,702 | 0 | 118 | 1,584 |
| | | **Percent** | 33.8 | 0.0 | 9.2 | 42.5 |
| | **Some College** | **Count** | 438 | 0 | 7 | 431 |
| | | **Percent** | 8.7 | 0.0 | 0.6 | 11.6 |
| | **Associate Degree** | **Count** | 23 | 0 | 0 | 23 |
| | | **Percent** | 0.5 | 0.0 | 0.0 | 0.6 |
| | **Bachelor's Degree** | **Count** | 0 | 0 | 0 | 0 |
| | | **Percent** | 0.0 | 0.0 | 0.0 | 0.0 |
| | **Postgraduate Education** | **Count** | 0.0 | 0.0 | 0.0 | 0.0 |
| | | **Percent** | 0.0 | 0.0 | 0.0 | 0.0 |
| | **Unknown** | **Count** | 30 | 0 | 10 | 20 |
| | | **Percent** | 0.6 | 0.0 | 0.8 | 0.5 |

Notes: * Cell suppressed due to non-zero count less than 6; ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**TABLE 27**
**TEENAGE BIRTHS BY TRIMESTER OF ENTRY INTO PRENATAL CARE AND AGE GROUP, ARIZONA, 2017**

| | | | Total | Mother's age group | | |
|---|---|---|---|---|---|---|
| | | | | <15 | 15-17 | 18-19 |
| **Total** | **Count** | | 5,041 | 40† | 1,280 | 3,725 |
| **Prenatal care** | **No care** | **Count** | 230† | * | 79 | 148 |
| | | **Percent** | 4.6 | ** | 6.2 | 4.0 |
| | **1st trimester** | **Count** | 2,682 | 13 | 576 | 2,093 |
| | | **Percent** | 53.2 | 36.1 | 45.0 | 56.2 |
| | **2nd trimester** | **Count** | 1,353 | 8 | 397 | 948 |
| | | **Percent** | 26.8 | 22.2 | 31.0 | 25.5 |
| | **3rd trimester** | **Count** | 510 | 7 | 161 | 342 |
| | | **Percent** | 10.1 | 19.4 | 12.6 | 9.2 |
| | **Unknown** | **Count** | 270† | * | 67 | 194 |
| | | **Percent** | 5.3 | ** | 5.2 | 5.2 |

**TABLE 28**
**TEENAGE BIRTHS BY NUMBER OF PRENATAL VISITS AND AGE GROUP, ARIZONA, 2017**

| | | | Total | Mother's age group | | |
|---|---|---|---|---|---|---|
| | | | | <15 | 15-17 | 18-19 |
| **Total** | **Count** | | 5,041 | 40† | 1,280 | 3,725 |
| **Prenatal visits** | **No visits** | **Count** | 230† | * | 79 | 148 |
| | | **Percent** | 4.6 | ** | 6.2 | 4.0 |
| | **1-4 visits** | **Count** | 400† | * | 127 | 272 |
| | | **Percent** | 8.0 | ** | 9.9 | 7.3 |
| | **5-8 visits** | **Count** | 1,138 | 10 | 318 | 810 |
| | | **Percent** | 22.6 | 27.8 | 24.8 | 21.7 |
| | **9-12 visits** | **Count** | 2,113 | 15 | 527 | 1,571 |
| | | **Percent** | 41.9 | 41.7 | 41.2 | 42.2 |
| | **13+ visits** | **Count** | 1,050† | * | 204 | 846 |
| | | **Percent** | 20.9 | ** | 15.9 | 22.7 |
| | **Unknown** | **Count** | 110† | * | 25 | 78 |
| | | **Percent** | 2.1 | ** | 2.0 | 2.1 |

Notes: * Cell suppressed due to non-zero count less than 6; ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**TABLE 29**
**TOBACCO USE DURING PREGNANCY AMONG FEMALES 19 OR YOUNGER BY AGE GROUP, ARIZONA, 2017**

| | | | Total | Mother's age group | | |
|---|---|---|---|---|---|---|
| | | | | <15 | 15-17 | 18-19 |
| **Total** | **Count** | | 5,041 | 40† | 1,280 | 3,725 |
| **Substance use** | **Nonsmoker** | **Count** | 4,782 | 35 | 1,238 | 3,509 |
| | | **Percent** | 94.9 | 97.2 | 96.7 | 94.2 |
| | **Light smoker** | **Count** | 134 | 0 | 21 | 113 |
| | | **Percent** | 2.7 | 0.0 | 1.6 | 3.0 |
| | **Heavy smoker** | **Count** | 66 | 0 | 7 | 59 |
| | | **Percent** | 1.3 | 0.0 | 0.6 | 1.6 |
| | **Unknown** | **Count** | 60† | * | 14 | 44 |
| | | **Percent** | 1.2 | ** | 1.1 | 1.2 |

Notes: * Cell suppressed due to non-zero count less than 6; ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

## TABLE 30
## RISK FOR LOW-BIRTHWEIGHT (LBW) BIRTHS BY SELECTED CHARACTERISTICS OF FEMALES 19 OR YOUNGER, ARIZONA, 2017

| | | Mother's age group | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | <15 | | | 15-17 | | | 18-19 | | |
| | | Total births | LBW births | | Total births | LBW births | | Total births | LBW births | |
| | | | Count | Percent | | Count | Percent | | Count | Percent |
| **Race/ethnicity** | **White non-Hispanic** | 1 | 0 | 0.0 | 224 | 14 | 6.3 | 939 | 96 | 10.2 |
| | **Hispanic or Latino** | 21 | 0 | 0.0 | 816 | 67 | 8.2 | 2,137 | 168 | 7.9 |
| | **Black or African American** | 5 | 0 | 0.0 | 71 | 10 | 14.1 | 253 | 35 | 13.8 |
| | **American Indian or Alaska Native** | 8 | * | ** | 163 | 11 | 6.7 | 348 | 27 | 7.8 |
| | **Asian** | 1 | 0 | 0.0 | 6 | 0 | 0.0 | 48 | 6 | 12.5 |
| **Smoking during pregnancy** | **Nonsmoker** | 35 | * | ** | 1,238 | 96 | 7.8 | 3,509 | 297 | 8.5 |
| | **Light smoker** | 0 | 0 | 0.0 | 21 | * | ** | 113 | 19 | 16.8 |
| | **Heavy smoker** | 0 | 0 | 0.0 | 7 | * | ** | 59 | 12 | 20.3 |
| | **Unknown** | 1 | 0 | 0.0 | 14 | * | ** | 44 | * | ** |
| **Payer for births** | **AHCCCS** | 30 | * | ** | 1,072 | 90 | 8.4 | 3,157 | 282 | 8.9 |
| | **IHS** | 2 | 0 | 0.0 | 31 | * | ** | 81 | 7 | 8.6 |
| | **Private insurance** | 3 | 0 | 0.0 | 123 | 7 | 5.7 | 379 | 38 | 10.0 |
| | **Self-pay** | 1 | 0 | 0.0 | 50 | * | ** | 99 | * | ** |
| | **Unknown** | 0 | 0 | 0.0 | 4 | 0 | 0.0 | 9 | 0 | 0.0 |
| **Length of gestation** | **36 weeks or less** | 4 | * | ** | 128 | 62 | 48.4 | 354 | 209 | 59.0 |
| | **37 weeks or more** | 31 | 0 | 0.0 | 1,149 | 40 | 3.5 | 3,359 | 122 | 3.6 |
| | **Unknown** | 1 | 0 | 0.0 | 3 | 0 | 0.0 | 12 | * | ** |
| **Prenatal visits** | **Less than 5** | 8 | 0 | 0.0 | 206 | 28 | 13.6 | 420 | 59 | 14.0 |
| | **5 or more** | 26 | * | ** | 1,049 | 72 | 6.9 | 3,227 | 260 | 8.1 |
| | **Unknown** | 2 | 0 | 0.0 | 25 | * | ** | 78 | 13 | 16.7 |

Notes: * Cell suppressed due to non-zero count less than 6; ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6.

**TABLE 31**
**POPULATION OF FEMALES 19 OR YOUNGER, NUMBER OF PREGNANCIES AND PREGNANCY RATES BY AGE GROUP, AND RACE/ETHNICITY, ARIZONA, 2017**

| | POPULATION | | | | |
|---|---|---|---|---|---|
| | All 19 years or younger | 10-14 years | 15-19 years | 15-17 years | 18-19 years |
| **All groups** | 454,914 | 226,331 | 228,583 | 137,626 | 90,957 |
| **White non-Hispanic** | 193,238 | 94,315 | 98,923 | 59,290 | 39,633 |
| **Hispanic or Latino** | 196,998 | 99,717 | 97,281 | 59,119 | 38,162 |
| **Black or African American** | 25,243 | 12,532 | 12,711 | 7,487 | 5,224 |
| **American Indian or Alaska Native** | 23,974 | 12,103 | 11,871 | 7,195 | 4,676 |
| **Asian or Pacific Islander** | 15,461 | 7,664 | 7,797 | 4,535 | 3,262 |

Note: Population denominator tables can be found:
http://pub.azdhs.gov/health-stats

| | NUMBER OF PREGNANCIES | | | | |
|---|---|---|---|---|---|
| | All 19 years or younger | 10-14 years | 15-19 years | 15-17 years | 18-19 years |
| **All groups** | 6,252 | 70† | 6,187 | 1,554 | 4,633 |
| **White non-Hispanic** | 1,575 | 8 | 1,567 | 319 | 1,248 |
| **Hispanic or Latino** | 3,513 | 40 | 3,473 | 936 | 2,537 |
| **Black or African American** | 450 | 6 | 444 | 105 | 339 |
| **American Indian or Alaska Native** | 546 | 9 | 537 | 168 | 369 |
| **Asian or Pacific Islander** | 90† | * | 88 | 9 | 79 |

| | PREGNANCY RATES PER 1,000 FEMALES | | | | |
|---|---|---|---|---|---|
| | All 19 years or younger | 10-14 years | 15-19 years | 15-17 years | 18-19 years |
| **All groups** | 13.7 | 0.3 | 27.1 | 11.3 | 50.9 |
| **White non-Hispanic** | 8.2 | 0.1 | 15.8 | 5.4 | 31.5 |
| **Hispanic or Latino** | 17.8 | 0.4 | 35.7 | 15.8 | 66.5 |
| **Black or African American** | 17.8 | 0.5 | 34.9 | 14.0 | 64.9 |
| **American Indian or Alaska Native** | 22.8 | 0.7 | 45.2 | 23.3 | 78.9 |
| **Asian or Pacific Islander** | 5.8 | ** | 11.3 | 2.0 | 24.2 |

Notes: * Cell suppressed due to non-zero count less than 6; ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; † sum rounded to nearest tens unit due to addend less than 6.

## TABLE 32
## POPULATION OF FEMALES 19 OR YOUNGER BY COUNTY OF RESIDENCE, ARIZONA, 2017

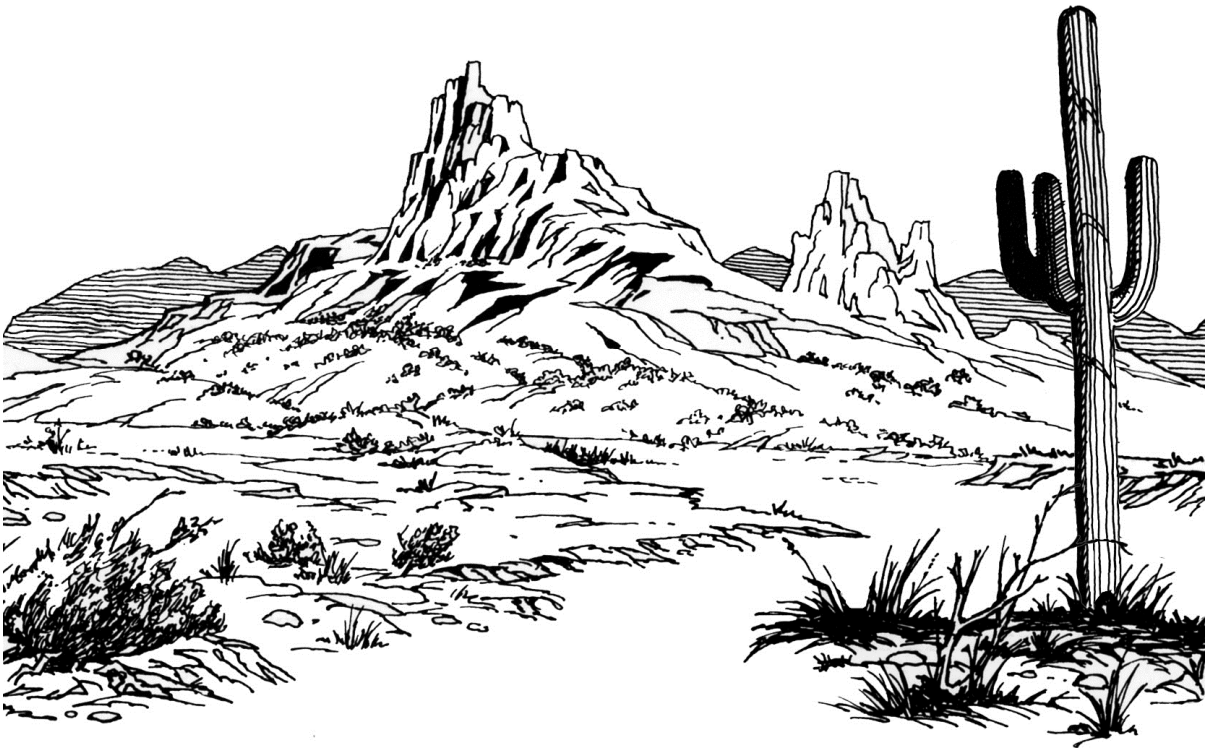
| | All 19 years or younger | 10-14 years | 15-19 years | | |
|---|---|---|---|---|---|
| | | | 15-19 years | 15-17 years | 18-19 years |
| **ARIZONA** | 454,914 | 226,331 | 228,583 | 137,626 | 90,957 |
| **Apache** | 6,166 | 3,161 | 3,005 | 1,942 | 1,063 |
| **Cochise** | 7,624 | 3,872 | 3,752 | 2,343 | 1,409 |
| **Coconino** | 11,634 | 4,117 | 7,517 | 2,564 | 4,953 |
| **Gila** | 2,862 | 1,483 | 1,379 | 874 | 505 |
| **Graham** | 2,893 | 1,447 | 1,446 | 926 | 520 |
| **Greenlee** | 782 | 391 | 391 | 257 | 134 |
| **La Paz** | 947 | 497 | 450 | 276 | 174 |
| **Maricopa** | 283,088 | 143,103 | 139,985 | 86,172 | 53,813 |
| **Mohave** | 10,532 | 5,327 | 5,205 | 3,470 | 1,735 |
| **Navajo** | 8,040 | 4,169 | 3,871 | 2,521 | 1,350 |
| **Pima** | 63,916 | 29,686 | 34,230 | 18,870 | 15,360 |
| **Pinal** | 26,562 | 14,028 | 12,534 | 8,269 | 4,265 |
| **Santa Cruz** | 4,159 | 2,158 | 2,001 | 1,263 | 738 |
| **Yavapai** | 10,630 | 5,281 | 5,349 | 3,292 | 2,057 |
| **Yuma** | 15,079 | 7,611 | 7,468 | 4,587 | 2,881 |

Note: Population denominator tables can be found:
http://pub.azdhs.gov/health-stats

## APPENDIX
## HOW TO COMPUTE THE RATES OF FIRST AND REPEAT CHILDBEARING

| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A. The number of females 15-19 years old | 215,079 | 218,545 | 220,555 | 224,302 | 225,857 | 227,395 | 228,652 | 220,134 | 222,162 | 225,110 | 228,583 | Cenus enumerations for 2010; population estimates for 2007-2017. |
| B. The number of births to females 15-19 years old | 12,792 | 12,000 | 10,820 | 9,311 | 8,334 | 8,050 | 7,151 | 6,577 | 5,843 | 5,336 | 5,005 | Based on the birth database. |
| C. The rate of births (B/A)*1,000 | **59.4** | **54.9** | **49.1** | **41.5** | **36.9** | **35.4** | **31.3** | **29.9** | **26.3** | **23.7** | **21.9** | The number of births per 1,000 females 15-19 years old. |
| D. Cumulative number of mothers who gave birth when 15-19 years old | 27,486 | 26,958 | 25,352 | 25,892 | 19,816 | 17,929 | 16,031 | 14,384 | 12,800 | 11,433 | 10,482 | Mothers who gave birth when 15-19 years old. As an example, the 2017 cohort of mothers who were 15-19 years old includes 5,005 who gave birth that year and 5,766 who gave birth prior to 2017 and were still 15-19 years old in 2017 (Table 13). |
| E. The number of females 15-19 years old who had a birth previously (D-B) | 14,694 | 14,958 | 14,532 | 16,581 | 11,482 | 9,879 | 8,880 | 7,807 | 6,957 | 6,097 | 5,477 | The cumulative number of mothers 15-19 years old (Table 13) minus those who gave birth that year. |
| F. The number of repeat births to females 15-19 years old who had a birth previously | 2,800 | 2,658 | 2,252 | 1,898 | 1,639 | 1,521 | 1,300 | 1,161 | 990 | 861 | 811 | Table 1B-23 in "Arizona Health Status and Vital Statistics" annual report. |
| G. The rate of repeat childbearing (F/E)*1,000 | **190.6** | **177.7** | **155.0** | **114.5** | **142.7** | **154.0** | **146.4** | **148.7** | **142.3** | **141.2** | **148.1** | The number of repeat births per 1,000 females 15-19 years old who had a birth previously. |
| H. The number of females 15-19 years old who did not have a birth previously (A-E) | 200,385 | 203,587 | 206,023 | 207,721 | 214,375 | 217,516 | 219,772 | 212,327 | 215,205 | 219,013 | 223,106 | All 15-19 years old - those who gave birth previously. |
| I. The number of first-time births to females 15-19 years old who did not have a birth previously | 9,992 | 9,342 | 8,568 | 7,409 | 6,683 | 6,522 | 5,844 | 5,414 | 4,851 | 4,474 | 4,193 | Table 1B-23 in "Arizona Health Status and Vital Statistics" annual report. |
| J. The rate of first-time births (I/H)*1,000 | **49.9** | **45.9** | **41.6** | **35.7** | **31.2** | **30.0** | **26.6** | **25.5** | **22.5** | **20.4** | **18.8** | The number of first-time births per 1,000 females 15-19 years old who did not have a birth previously. |

Our Web site at http://pub.azdhs.gov/health-stats provides access to a wide range of statistical information about the health status of Arizonans. The Arizona Health Status and Vital Statistics annual report examines trends in natality, mortality, and morbidity towards established health objectives. Additional reports and studies include Advance Vital Statistics by County of Residence, Injury Mortality among Arizona Residents (accidents, suicides, homicides, legal intervention, firearm-related fatalities, drug-related deaths, drowning deaths, falls among Arizonans 65 years or older), Hospital Inpatient and Emergency Room Statistics (first-listed diagnosis, procedures, mental disorders, asthma, diabetes, influenza and pneumonia, and substance abuse), Community Vital Statistics, Teenage Pregnancy, Differences in Health Status Among Racial/Ethnic Groups, and Health Status Profile of American Indians in Arizona.



**ARIZONA DEPARTMENT OF HEALTH SERVICES**
**Bureau of Public Health Statistics**
**Population Health and Vital Statistics Section**