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TEENAGE PREGNANCY, ARIZONA, 2009-2019

by

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PURPOSE

This report is the annual update of information about pregnancies among females under age 20. The data for 2019 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 2011-2019 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 2019 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 2009 to 2019 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 2009 to 2019. 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 2009 to 2019 in Table 12.

Table 14 presents teen pregnancy rates by race/ethnicity and age group by year from 2009 to 2019. Table 15 provides information about the incidence of sexually transmitted infections among females 10-14 and 15-19 years old in Arizona in 2009-2019. Table 16 shows the incidence rates by year from 2009 to 2019.

Frequency counts, proportions, and rates in Tables 17-32 all apply to the 2019 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 2019 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 2009-2019.

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 2016¹ and the most recent fetal death report published by the CDC presents statistics from 2014 through 2016². Another source of national data on reproductive health is the Guttmacher Institute. The latest report³, 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. Arizona teen pregnancy rates cannot be compared with the rates of their peers nationally. No comparable state-by-state teen pregnancy data for 2009 – 2019 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 2019, the pregnancy rate of 11.9 pregnancies per 1,000 females 19 years or younger was 57.5 percent lower than the rate of 28.0 per 1,000 in 2009. The teen pregnancy rate of 11.9 per 1,000 females 19 years or younger was the lowest teen pregnancy rate since at least 1983.**
- **It is only since 2009 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 teenagers than for their older counterparts, but recently are becoming more closely aligned. The rate for teenagers 15-17 years dropped steeply by 64.2 percent from 28.5 per 1,000 in 2009 to 10.2 in 2019. The rate for older teenagers (aged 18-19 years) fell by 58.2 percent from 102.5 per 1,000 in 2009 to 42.8 per 1,000 in 2019.**
- **The 2019 teen pregnancy rate of 11.9 per 1,000 was based on 5,525 pregnancies occurring among 466,197 females aged 10-19 years. The number of 5,525 teen pregnancies in 2019 was 5.2 percent lower than 2018 and was the lowest number of teen pregnancies since 1984.**
- **From 2009 to 2019, the number of teen pregnancies declined most among American Indians (63.1 percent), followed by declines among White non-Hispanic teens (61.2 percent), and Hispanic or Latino teens (53.7 percent).**
- **In 2019, Hispanic or Latino females accounted for 57.7 percent of all pregnancies in this age group, followed by White non-Hispanics (24.3 percent).**
- **In each year from 2009 to 2019, 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 2019, the Hispanic rate exceeded the average rate for all groups by 31.1 percent.**
- **If the 2019 "risk of pregnancy" for Asian teens (i.e., their pregnancy rate of 4.3 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 5,525 to just 2,005 ((4.3 per 1,000) * 466,197).**
- **The first birth rate for childless teenagers has dropped 60.8 percent from 41.6 first-time births per 1,000 females 15-19 years old in 2009 to 16.3 per 1,000 in 2019.**
- **The repeat birth rates for teenagers who had already had a child decreased by 18.4 percent from 155.0 in 2009 to 126.4 per 1,000 females 15-19 years old in 2019, who had a previous birth.**
- **Unwed mothers have accounted for an increasing annual proportion of births throughout the 1990s and 2000s. In 2019, non-marital births accounted for 90.4 percent of births to mothers 19 years or younger.**
- **The total number of births to mothers 19 years or younger decreased by 60.5 percent from 10,952 in 2009 to 4,323 in 2019. Similarly, the proportional share of births paid for by the Arizona Health Care Cost Containment System (AHCCCS, the State's Medicaid program) decreased from 83.3 percent in 2009 to 81.4 percent in 2019.**

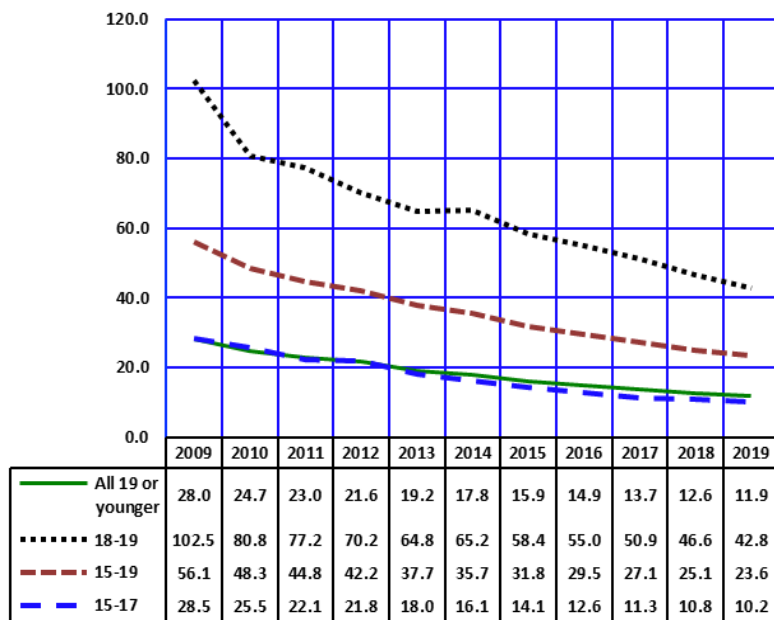
¹ https://www.cdc.gov/mmwr/volumes/68/ss/ss6811a1.htm?s_cid=ss6811a1

² <https://www.cdc.gov/nchs/products/databriefs/db316.htm>

³ <https://www.guttmacher.org/report/us-adolescent-pregnancy-trends-2013>

KEY FINDINGS

Figure 1
Pregnancy Rates by Age Group and Year among Females 19 or Younger, Arizona, 2009-2019

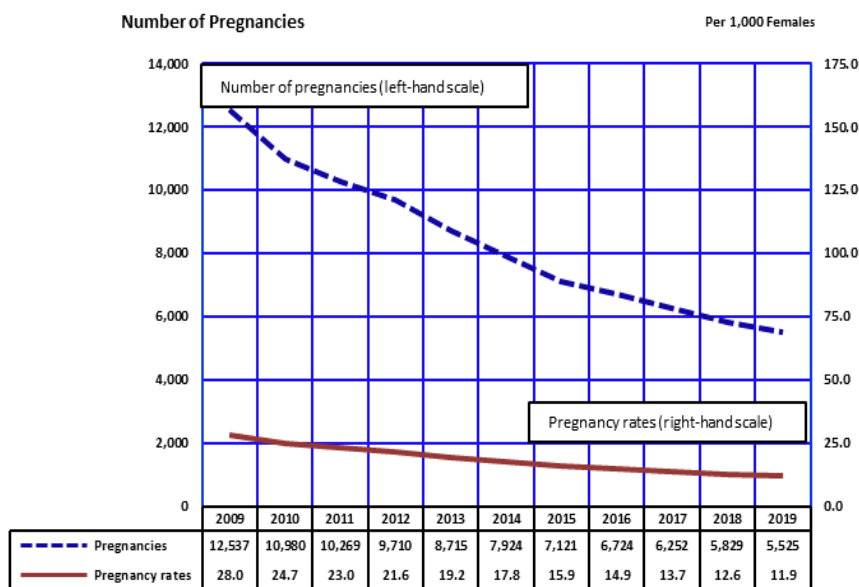


Note: All rates are per 1,000 females in specified group.

Teenage pregnancy rates dropped 57.5 percent overall from 2009 to 2019. (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 64.2 percent from 28.5 per 1,000 in 2009 to 10.2 in 2019. The rate for older teenagers (aged 18-19 years) fell by 58.2 percent from 102.5 per 1,000 in 2009 to 42.8 per 1,000 in 2019.

From 2009 to 2019, 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 2.5 per 1,000 females in 2018, rate that remained unchanged in 2019 (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, 2009-2019



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.

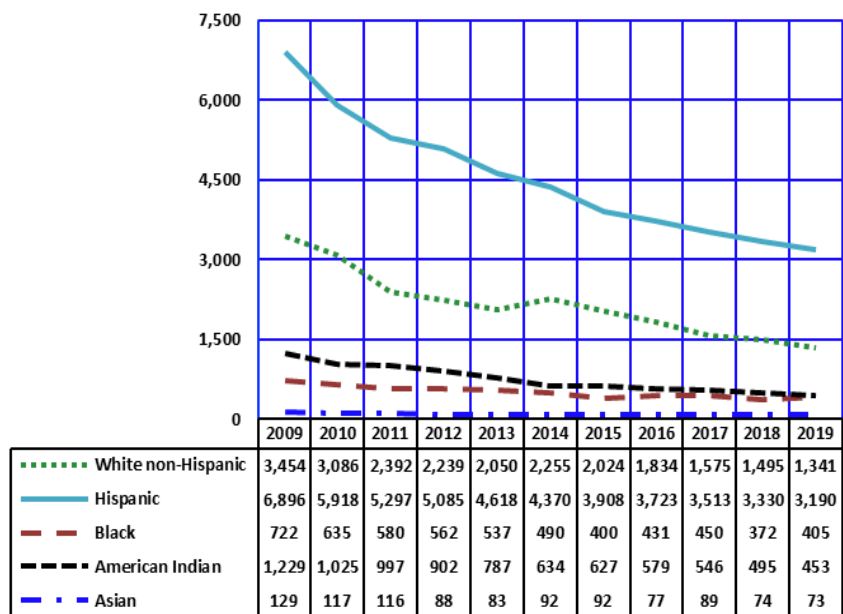
The 2019 teen pregnancy rate of 11.9 per 1,000 was based on 5,525 pregnancies occurring among 466,197 females aged 10-19 years. The number of 5,525 teen pregnancies in 2019 was 5.2 percent lower than 2018 and was the lowest number of teen pregnancies since 1984.

KEY FINDINGS

Figure 3
Trends in the Number of Pregnancies* by Race/Ethnicity among Females 19 or Younger, Arizona, 2009-2019

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 2009-2019). In 2019, Hispanic or Latino females accounted for 57.7 percent of all pregnancies in this age group, followed by White non-Hispanics (24.3 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 2019 (16.9 percent) than they did in 2009 (16.7 percent).

From 2009 to 2019, the number of teen pregnancies declined particularly steeply for American Indians (63.1 percent), White non-Hispanics (61.2 percent), and Hispanic or Latino (53.7 percent).



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

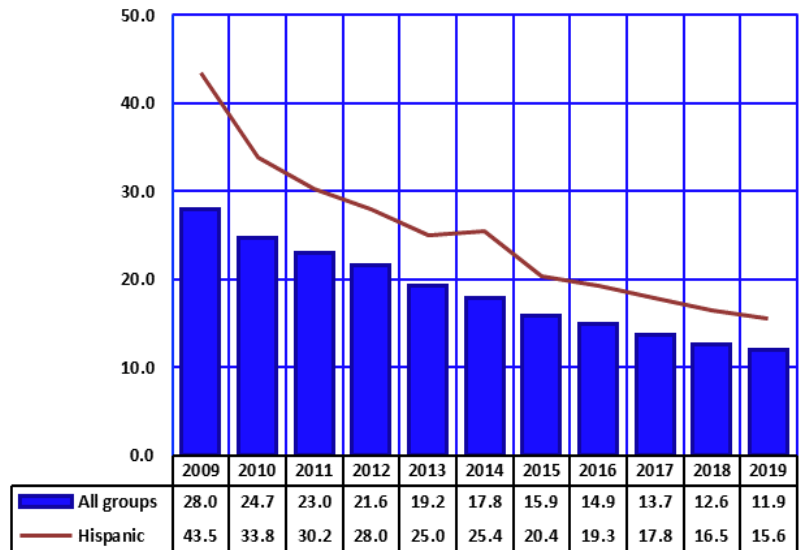
Figure 4
Comparison of Pregnancy Rates by Year among Hispanic or Latinos and all Females 19 or Younger, Arizona, 2009-2019

The teen pregnancy rates for all race and ethnic groups were lower in 2019 than in 2009 (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 2009-2019.

From 2009 to 2019, the teenage pregnancy rate for Hispanic or Latino women declined more than 50 percent (64.1 percent), with the majority of the decline occurring between 2009 and 2019 (Figure 4).

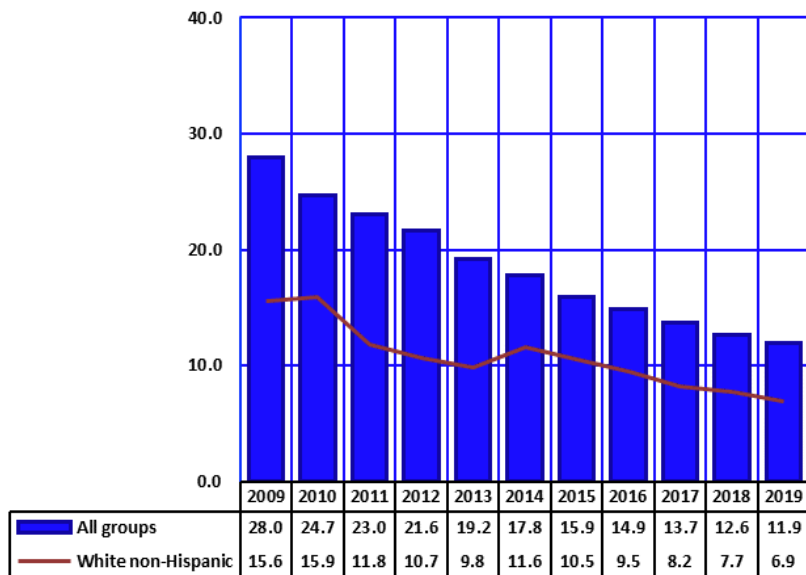
In each year from 2009 to 2019, the pregnancy rates of Hispanic or Latino females were consistently greater than the average rates for all females 19 years or younger in Arizona. In 2019, the Hispanic rate exceeded the average rate for all groups by 31.1 percent.



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

KEY FINDINGS

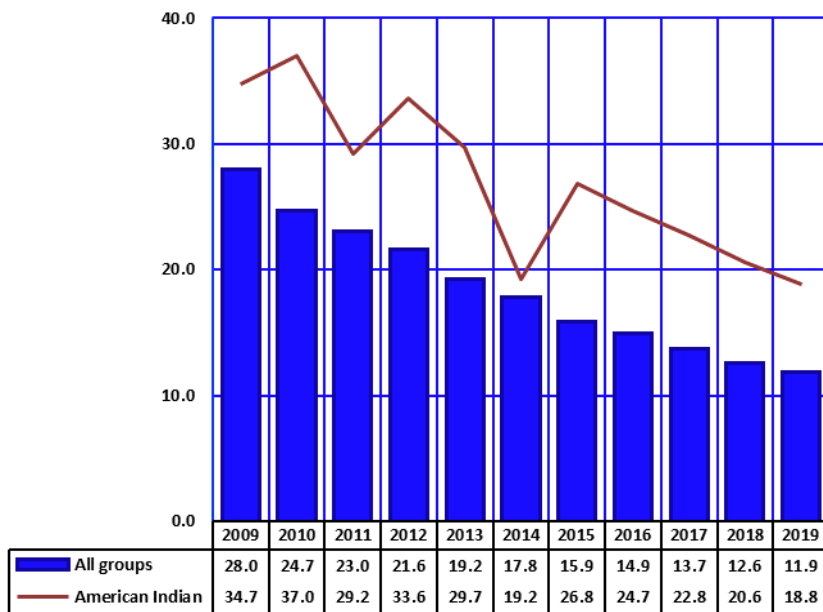
Figure 5
Comparison of Pregnancy Rates by Year among White non-Hispanics
and all Females 19 or Younger, Arizona, 2009-2019



The pregnancy rate for White non-Hispanics has gradually declined from 2009 to 2019 (55.8 percent), with the exception of slight increases in 2010 and 2014 (Figure 5). In each year from 2009 to 2019, the pregnancy rates for White non-Hispanic females were lower than the average rates for all females 19 years or younger in Arizona.

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

Figure 6
Comparison of Pregnancy Rates by Year among American Indian
or Alaska Natives and all Females 19 or Younger, Arizona, 2009-2019



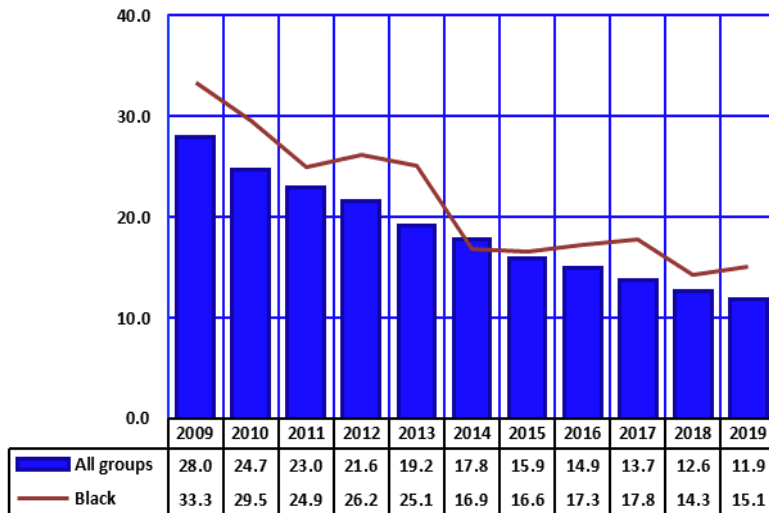
The pregnancy rate among American Indian females 19 years or younger varied somewhat erratically from 2009 to 2019, showing a 21.1 percent decrease from 2010 to 2011, followed by a 15.1 percent increase from 2011 to 2012, a 35.4 percent decline from 2013 to 2014, an increase in 2015, and then a decline afterwards (Figure 6). The American Indian teenage pregnancy rate was higher than the average for all groups from 2009 to 2019.

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

KEY FINDINGS

Figure 7
Comparison of Pregnancy Rates by Year among Black or African Americans and all Females 19 or Younger, Arizona, 2009-2019

Pregnancy rates for Black or African American females 19 years or younger decreased from 33.3 per 1,000 in 2009 to 15.1 per 1,000 in 2019 (Figure 7). Excluding 2014, the pregnancy rates for Black or African American teenagers exceeded the pregnancy rate for all groups.

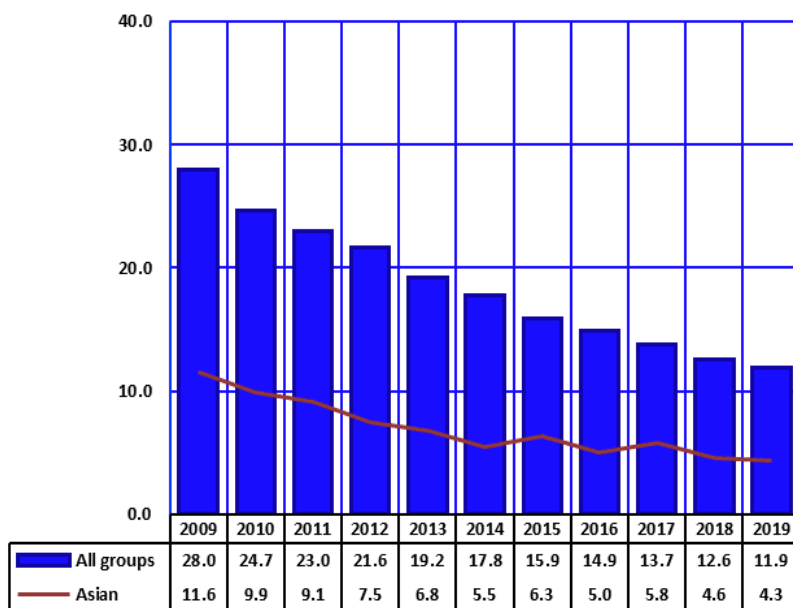


Note: All rates are per 1,000 females in specified group.

Figure 8
Comparison of Pregnancy Rates by Year among Asian or Pacific Islanders and all Females 19 or Younger, Arizona, 2009-2019

In each year from 2009 to 2019, 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 2019, the Asian rate (4.3 per 1,000) was 63.9 percent lower than the rate for all groups (11.9 per 1,000).

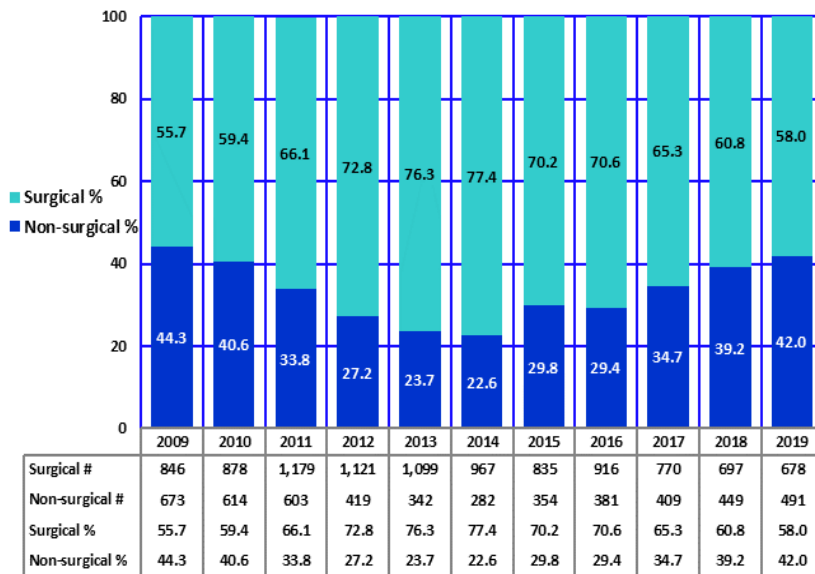
If the 2019 "risk for pregnancy" of Asian teens (i.e., their pregnancy rate) applied to all Arizona females 19 years or younger, the number of teen pregnancies in the State would have been reduced from 5,525 to approximately 2,005 $((4.3/1,000) * 466,197)$.



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

KEY FINDINGS

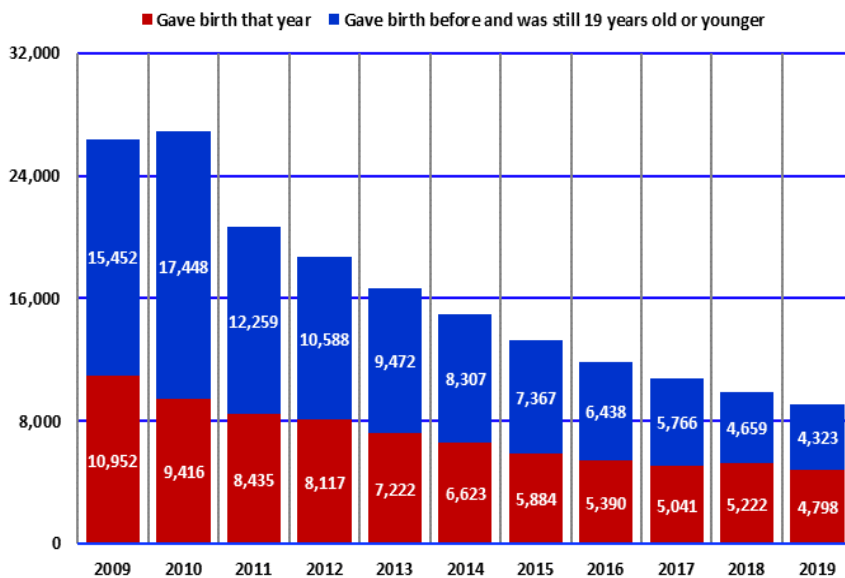
Figure 9
Proportional Contribution of Surgical and Non-Surgical Abortions
by Year among Females 19 or Younger, Arizona, 2009-2019



The proportion of non-surgical abortions to females 19 years or younger decreased 5.2 percent from 2009 (44.3 percent) to (42.0 percent) in 2019, while the proportion of surgical abortions increased 4.1 percent over that period (**Figure 9**).

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

Figure 10
Cumulative Number of Mothers who were 19 or Younger
in Arizona by Year, 2009-2019



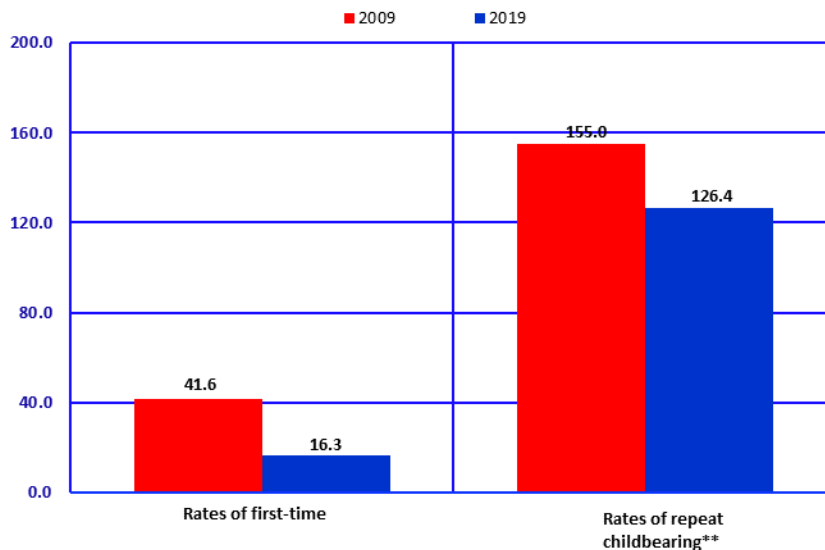
There were approximately 9,121 mothers under the age of 20 in Arizona in 2019. Among them there were the 4,798 who gave birth in 2019 and the 4,323 who gave birth prior to 2019 and were still 19 years old or younger in 2019 (**Figure 10, Table 13**). The cumulative number of mothers who were 19 years or younger in Arizona in 2019 decreased by 65.5 percent from 26,404 in 2009.

KEY FINDINGS

Figure 11
Rates of First and Repeat Births to Females 15-19 Years, Arizona, 2009 and 2019

The first birth rate for childless teenagers has dropped 60.8 percent from 41.6 first-time births per 1,000 females 15-19 years old in 2009 to 16.3 per 1,000 in 2019 (**Figure 12**).

The repeat birth rates for teenagers who had already had a child decreased by 18.5 percent from 155.0 in 2009 to 126.4 per 1,000 females 15-19 years old in 2019 who had a previous birth (**Figure 12**).



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."*

Figure 12
Births to Mothers 19 or Younger by Marital Status, Arizona, 1999, 2009, and 2019

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 2019, non-marital births accounted for 90.4 percent of births to mothers 19 years or younger.

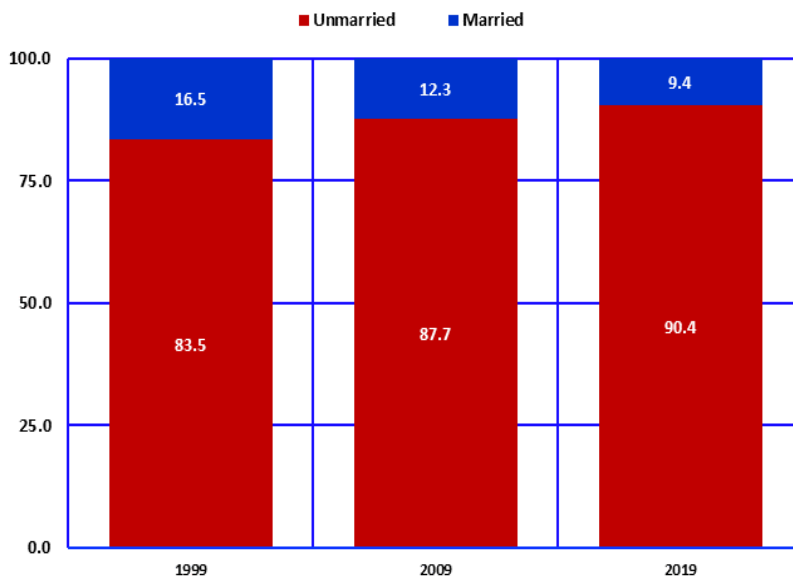
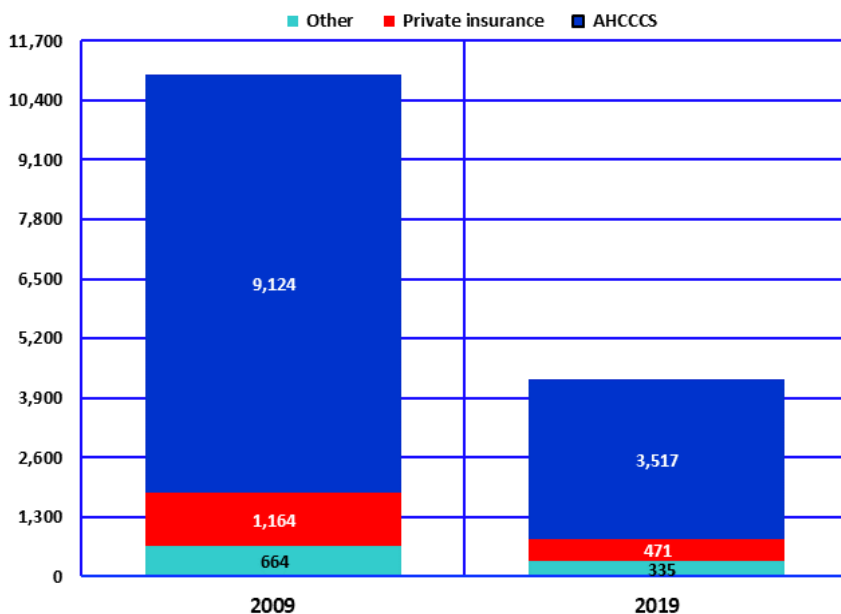
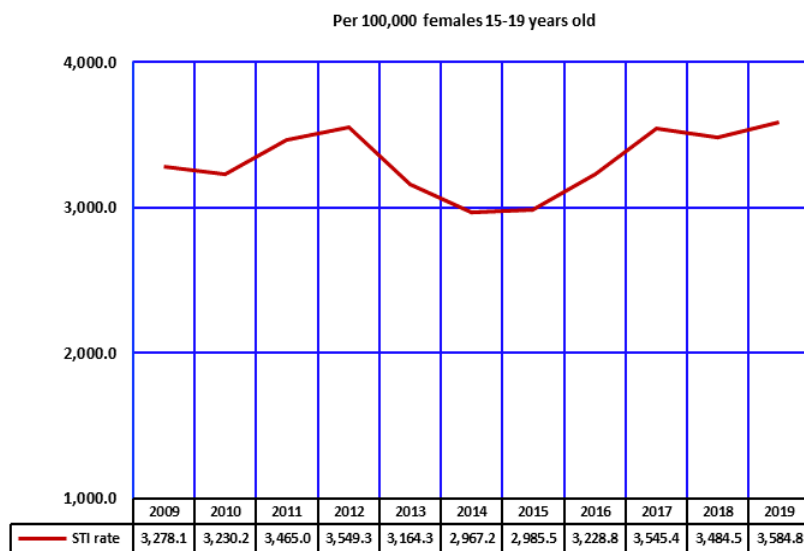


Figure 13
Number of Births to Mothers 19 or Younger by Payer, Arizona, 2009 and 2019



The total number of births to mothers 19 years or younger decreased by 60.5 percent from 10,952 in 2009 to 4,323 in 2019 (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) decreased from 83.3 percent in 2009 to 81.4 percent in 2019 (Figure 13).

Figure 14
Trends in the Incidence of Sexually Transmitted Infections* among Females 15-19 Years, Arizona, 2009-2019



In each year from 2009 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 8,492 in 2019 (Table 15). Among females 15-19 years, the rate of 2018 was lower than 2017, then increased to 3,584.8 in 2019, and 9.4 percent higher than the rate of 2009.

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.

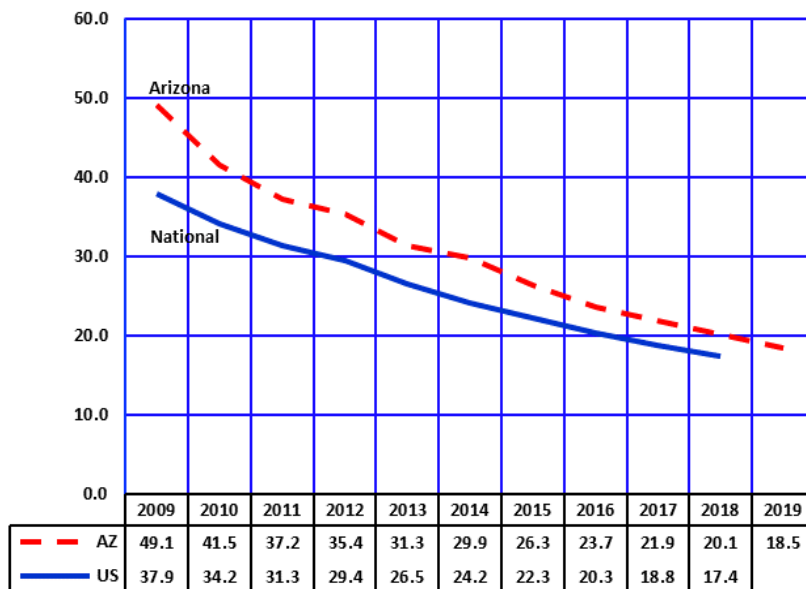
Note: * The sum of annually reported cases of gonorrhea, chlamydia, and early syphilis.
 Source: Bureau of Epidemiology and Disease Control Services, Office of Infectious Disease Services.

KEY FINDINGS

Figure 15
Birth Rates for Teenagers 15-19 Years, Nationally and in Arizona, 2009-2019**

In each year from 2009 to 2018, 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 25.6 percent of females aged 15-19 years in 2019. A high proportional representation of Hispanic or Latino females in Arizona puts upward pressure on the overall teen birth rate.

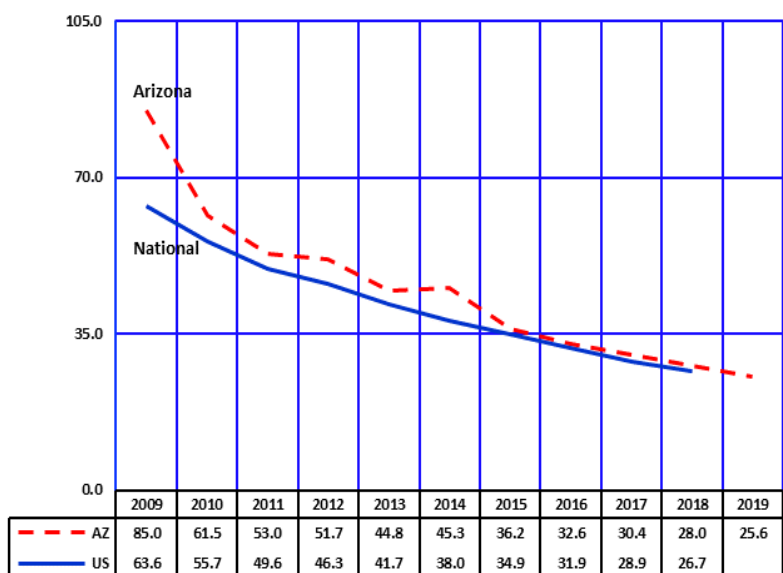


Note: The number of births per 1,000 females 15-19 years old; **2019 U.S. birth rate for teens 15-19 years was not available at the time of the preparation of this report.

Figure 16
Birth Rates for Hispanic or Latino Teenagers 15-19 Years, Nationally, and in Arizona, 2009-2019**

In 2019, Hispanics or Latino teens aged 15-19 years disproportionately accounted for 59.5 percent of births to mothers in this age group in Arizona (2,572 out of 4,323; see **Table 6** and **Table 7**).

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



Notes: The number of births per 1,000 females 15-19 years old; **2019 U.S. birth rate for Hispanic teens 15-19 years was not available at the time of the preparation of this report.

TEENAGE PREGNANCY, ARIZONA, 2009-2019

DATA TABLES

**TABLE 1
PREGNANCIES AND PREGNANCY OUTCOME BY AGE GROUP AND YEAR,
FEMALES 19 OR YOUNGER, ARIZONA, 2009-2019**

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					
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
2018	5,829	57	5,772	1,491	4,281
2019	5,525	51	5,474	1,401	4,073
LIVE BIRTHS					
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
2018	4,659	29	4,630	1,212	3,418
2019	4,323	36	4,287	1,129	3,158
ABORTIONS					
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
2018	1,146	28	1,118	271	847
2019	1,169	15	1,154	265	889
FETAL LOSSES					
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
2018	24	0	24	8	16
2019	33	0	33	7	26

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 (CORRECTED)
PREGNANCY RATES^a BY PREGNANCY OUTCOME, AGE GROUP, AND YEAR,
FEMALES 19 OR YOUNGER, ARIZONA, 2009-2019

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					
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
2018	12.6	0.2	25.1	10.8	46.6
2019	11.9	0.2	23.6	10.2	42.8
LIVE BIRTHS					
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
2018	10.1	0.1	20.1	8.8	37.2
2019	9.3	0.2	18.5	8.2	33.2
ABORTIONS					
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
2018	2.5	0.1	4.9	2.0	9.2
2019	2.5	0.1	5.0	1.9	9.3
FETAL LOSSES					
2009	0.2	0.0	0.3	0.2	0.5
2010	0.1	**	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
2018	0.1	0.0	0.1	0.1	0.2
2019	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, 2009-2019**

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					
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
2018	1,090†	*	1,085	213	872
2019	1,000†	*	995	214	781
HISPANIC OR LATINO					
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
2018	2,794	17	2,777	795	1,982
2019	2,594	22	2,572	711	1,861
BLACK OR AFRICAN AMERICAN					
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
2018	270†	*	270	60	210
2019	280†	*	276	73	203
AMERICAN INDIAN OR ALASKA NATIVE					
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
2018	463	7	456	134	322
2019	410	6	404	124	280
ASIAN OR PACIFIC ISLANDER					
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
2018	42	0	42	10	32
2019	40	0	40	7	33

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, 2009-2019**

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					
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
2018	396	11	385	93	292
2019	340†	*	331	75	256
HISPANIC OR LATINO					
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
2018	528	11	517	128	389
2019	581	8	573	136	437
BLACK OR AFRICAN AMERICAN					
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
2018	100†	*	93	28	65
2019	120	0	120	22	98
AMERICAN INDIAN OR ALASKA NATIVE					
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
2018	30†	*	30†	*	25
2019	40†	*	36	12	24
ASIAN OR PACIFIC ISLANDER					
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
2018	30†	*	30†	*	30
2019	32	0	30†	*	28

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, 2009-2019**

Race/ethnicity Pregnancy outcome	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2019 Rates
WHITE^c NON-HISPANIC, total:	894	770	600	564	448	496	462	401	327	325	298	1.9
Births	669	553	507	483	373	352	344	291	225	217	218	1.4
Abortions	218	214	90	71	72	140	117	107	100	104	79	0.5
HISPANIC OR LATINO, total:	2,496	2,106	1,731	1,728	1,443	1,292	1,144	1,055	976	953	882	5.4
Births	2,340	1,927	1,528	1,574	1,291	1,138	1,000	909	837	812	733	4.5
Abortions	144	167	196	150	142	141	131	139	136	139	144	0.9
BLACK OR AFRICAN AMERICAN, total:	221	189	170 [†]	174	140	145	106	111	111	94	100	4.7
Births	187	161	162	164	128	107	78	84	76	61	77	3.6
Abortions	31	25	*	9	9	36	27	27	34	31	22	1.0
AMERICAN INDIAN OR ALASKA NATIVE, total:	436	361	310 [†]	260 [†]	260 [†]	217	204	191	180 [†]	147	144	7.5
Births	411	345	307	258	251	205	184	178	171	141	130	6.7
Abortions	22	15	*	*	*	7	17	13	*	6	14	0.7
ASIAN OR PACIFIC ISLANDER, total:	30	30 [†]	30 [†]	20 [†]	20 [†]	25	20 [†]	20 [†]	10 [†]	10 [†]	10 [†]	0.8
Births	20	24	28	18	13	14	17	12	7	10	7	0.5
Abortions	9	*	*	*	*	11	*	*	*	*	*	**
ALL RACIAL/ETHNIC GROUPS^d, total:	4,101	3,513	3,089	2,976	2,476	2,193	1,953	1,792	1,619	1,548	1,452	3.9
Births	3,633	3,015	2,548	2,497	2,056	1,816	1,623	1,474	1,316	1,241	1,165	3.1
Abortions	442	479	527	463	402	352	312	308	296	299	280	0.8
Pregnancy rate, total:	11.2	10.0	8.7	8.4	6.9	6.1	5.4	5.0	4.4	4.2	3.9	
Fertility rate^e	9.9	8.6	7.2	7.1	5.8	5.1	4.5	4.1	3.6	3.4	3.1	
Abortion rate	1.2	1.4	1.5	1.3	1.1	1.0	0.9	0.9	0.8	0.8	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, 2009-2019**

Race/ethnicity Pregnancy outcome	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2019 Rates
WHITE^c NON-HISPANIC, total:	863	742	577	549	434	481	451	382	319	310	290	5.0
Births	649	541	494	475	365	344	339	283	224	213	214	3.7
Abortions	207	198	80	65	66	133	111	96	93	93	75	1.3
HISPANIC OR LATINO, total:	2,401	2,021	1,653	1,670	1,390	1,262	1,103	1,015	936	925	852	14.2
Births	2,253	1,859	1,467	1,528	1,244	1,115	972	877	816	795	711	11.9
Abortions	136	151	179	138	136	134	118	131	117	128	136	2.3
BLACK OR AFRICAN AMERICAN, total:	212	178	160 [†]	166	133	138	103	104	105	90	96	12.3
Births	181	151	152	159	122	102	77	81	71	60	73	9.3
Abortions	28	24	*	6	8	34	25	23	33	28	22	2.8
AMERICAN INDIAN OR ALASKA NATIVE, total:	419	345	300 [†]	250 [†]	250 [†]	210 [†]	193	178	170 [†]	140 [†]	136	20.0
Births	394	331	293	251	243	196	177	167	163	134	124	18.3
Abortions	22	13	*	*	*	*	13	11	*	*	12	1.8
ASIAN OR PACIFIC ISLANDER, total:	30 [†]	30 [†]	26	20 [†]	10 [†]	23	20 [†]	20 [†]	10 [†]	10 [†]	10 [†]	2.2
Births	18	23	26	17	11	13	17	12	6	10	7	1.4
Abortions	*	*	0	*	*	10	*	*	*	*	*	**
ALL RACIAL/ETHNIC GROUPS^d, total:	3,945	3,363	2,939	2,860	2,385	2,125	1,887	1,707	1,554	1,491	1,401	10.2
Births	3,501	2,910	2,447	2,430	1,985	1,770	1,582	1,420	1,280	1,212	1,129	8.2
Abortions	418	435	478	414	382	330	287	277	267	271	265	1.9
Pregnancy rate, total:	28.5	25.5	22.1	21.8	18.0	16.1	14.1	12.6	11.3	10.8	10.2	
Fertility rate^e	25.3	22.1	18.4	18.5	15.0	13.4	11.8	10.5	9.3	8.8	8.2	
Abortion rate	3.0	3.3	3.6	3.1	2.9	2.5	2.1	2.0	1.9	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, 2009-2019**

Race/ethnicity Pregnancy outcome	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2019 Rates
WHITE^c NON-HISPANIC, total:	2,560	2,316	1,792	1,675	1,602	1,759	1,562	1,433	1,248	1,170	1,043	25.7
Births	2,046	1,833	1,582	1,494	1,408	1,405	1,187	1,056	939	872	781	19.3
Abortions	502	480	199	167	185	348	371	369	300	292	256	6.3
HISPANIC OR LATINO, total:	4,400	3,812	3,566	3,357	3,175	3,078	2,764	2,668	2,537	2,377	2,308	56.7
Births	4,001	3,421	3,103	3,053	2,789	2,675	2,409	2,227	2,137	1,982	1,861	45.7
Abortions	381	365	442	291	367	390	336	425	390	389	437	10.7
BLACK OR AFRICAN AMERICAN, total:	501	446	413	390 [†]	397	345	294	320	339	278	305	55.8
Births	416	401	399	380	379	287	234	232	253	210	203	37.2
Abortions	79	42	13	*	14	54	58	86	83	65	98	17.9
AMERICAN INDIAN OR ALASKA NATIVE, total:	793	664	690 [†]	640 [†]	530 [†]	417	423	388	369	348	309	64.9
Births	759	643	680	632	524	397	385	362	348	322	280	58.8
Abortions	30	21	*	*	*	18	34	25	18	25	24	5.0
ASIAN OR PACIFIC ISLANDER, total:	99	88	90 [†]	68	70 [†]	67	72	61	79	62	62	16.8
Births	68	79	83	61	66	43	46	39	48	32	33	8.9
Abortions	31	9	*	7	*	24	25	22	31	30	28	7.6
ALL RACIAL/ETHNIC GROUPS^d, total:	8,436	7,467	7,180	6,734	6,239	5,731	5,168	4,932	4,633	4,281	4,073	42.8
Births	7,319	6,401	5,887	5,620	5,166	4,807	4,261	3,916	3,725	3,418	3,158	33.2
Abortions	1,077	1,033	1,258	1,077	1,039	897	877	989	883	847	889	9.3
Pregnancy rate, total:	102.5	80.8	77.2	70.2	64.8	65.2	58.4	55.0	50.9	46.6	42.8	
Fertility rate^e	89.0	69.2	63.3	58.6	53.6	54.7	48.2	43.7	41.0	37.2	33.2	
Abortion rate	13.1	11.2	13.5	11.2	10.8	10.2	9.9	11.0	9.7	9.2	9.3	

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, 2009-2019**

Race/ethnicity Pregnancy outcome	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2019 Rates
WHITE^c NON-HISPANIC, total:	3,454	3,086	2,392	2,239	2,050	2,255	2,024	1,834	1,575	1,495	1,341	6.9
Births	2,715	2,386	2,089	1,977	1,781	1,757	1,531	1,347	1,164	1,089	999	5.2
Abortions	720	694	289	238	257	488	488	476	400	396	335	1.7
HISPANIC OR LATINO, total:	6,896	5,918	5,297	5,085	4,618	4,370	3,908	3,723	3,513	3,330	3,190	15.6
Births	6,341	5,348	4,631	4,627	4,080	3,813	3,409	3,136	2,974	2,794	2,594	12.7
Abortions	525	532	638	441	509	531	467	564	526	528	581	2.8
BLACK OR AFRICAN AMERICAN, total:	722	635	580	562	537	490	400	431	450	372	405	15.1
Births	603	562	561	544	507	394	312	316	329	271	280	10.4
Abortions	110	67	17	14	23	90	85	113	117	96	120	4.5
AMERICAN INDIAN OR ALASKA NATIVE, total:	1,229	1,025	1,000 [†]	900 [†]	787	634	627	579	546	495	453	18.8
Births	1,170	988	987	890	775	602	569	540	519	463	410	17.1
Abortions	52	36	*	*	8	25	51	38	23	31	38	1.6
ASIAN OR PACIFIC ISLANDER, total:	129	117	120 [†]	88	80 [†]	92	92	77	89	74	73	4.3
Births	88	103	111	79	79	57	63	51	55	42	40	2.4
Abortions	40	14	*	9	*	35	28	26	34	32	32	1.9
ALL RACIAL/ETHNIC GROUPS^d, total:	12,537	10,980	10,269	9,710	8,715	7,924	7,121	6,724	6,252	5,829	5,525	11.9
Births	10,952	9,416	8,435	8,117	7,222	6,623	5,884	5,390	5,041	4,659	4,323	9.3
Abortions	1,519	1,512	1,785	1,539	1,441	1,249	1,189	1,297	1,179	1,146	1,169	2.5
Pregnancy rate, total:	28.0	24.7	23.0	21.6	19.2	17.8	15.9	14.9	13.7	12.6	11.9	
Fertility rate^e	24.4	21.2	18.9	18.0	15.9	14.9	13.1	12.0	11.1	10.1	9.3	
Abortion rate	3.4	3.4	4.0	3.4	3.2	2.8	2.7	2.9	2.6	2.5	2.5	

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, 2009-2019**

	ARIZONA	APACHE	COCHISE	COCONINO	GILA	GRAHAM	GREENLEE	LA PAZ	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	SANTA CRUZ	YAVAPAI	YUMA
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
2018	12.6	13.0	14.4	9.2	21.6	17.6	11.0	20.2	11.9	11.2	16.2	11.6	12.4	11.9	13.3	17.7
2019	11.9	13.4	11.2	7.2	20.5	14.9	8.4	18.2	11.2	12.0	14.4	11.8	11.5	11.0	12.3	15.9
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
2018	46.6	58.2	56.6	14.9	84.3	60.8	46.9	80.0	46.5	52.5	64.4	35.3	55.2	53.1	52.8	63.3
2019	42.8	55.2	38.3	11.0	77.4	52.6	**	80.2	43.1	55.8	55.9	35.2	50.8	37.8	46.5	60.2
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
2018	4.2	3.1	4.6	4.9	8.4	7.4	**	**	3.9	2.9	6.6	3.9	3.9	2.7	4.3	7.0
2019	3.9	3.8	4.3	4.2	9.2	5.5	**	**	3.6	2.9	6.1	4.1	3.6	4.8	4.4	5.3

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, 2009-2019**

Group	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
ARIZONA, TOTAL^a											
# Births (all ages)	92,616	87,053	85,190	85,725	84,963	86,648	85,024	84,404	81,664	80,539	79,183
# Births to teenagers	10,952	9,416	8,535	8,117	7,222	6,623	5,884	5,390	5,041	4,659	4,323
% Births to teenagers	11.8	10.8	10.0	9.5	8.5	7.6	6.9	6.4	6.2	5.8	5.5
URBAN COUNTIES^b											
# Births (all ages)	79,046	74,624	74,040	74,128	73,493	74,677	73,547	72,899	70,780	69,890	68,797
# Births to teenagers	8,867	7,690	6,886	6,697	6,011	5,447	4,856	4,412	4,139	3,860	3,610
% Births to teenagers	11.2	10.3	9.3	9.0	8.2	7.3	6.6	6.1	5.8	5.5	5.3
RURAL COUNTIES											
# Births (all ages)	13,570	12,429	12,150	11,597	11,470	11,955	11,467	11,502	10,873	10,640	10,368
# Births to teenagers	2,085	1,726	1,549	1,420	1,211	1,175	1,028	978	901	799	713
% Births to teenagers	15.4	13.9	12.7	12.2	10.6	9.8	9.0	8.5	8.3	7.5	6.9
WHITE NON-HISPANIC											
# Births (all ages)	39,781	38,777	38,294	38,670	38,220	40,097	38,180	37,762	35,685	34,909	34,118
# Births to teenagers	2,715	2,386	2,089	1,977	1,781	1,757	1,531	1,347	1,164	1,089	999
% Births to teenagers	6.8	6.2	5.5	5.1	4.7	4.4	4.0	3.6	3.3	3.1	2.9
HISPANIC OR LATINO											
# Births (all ages)	38,362	34,333	32,398	33,146	33,075	33,715	34,264	33,874	33,191	32,995	32,575
# Births to teenagers	6,341	5,348	4,631	4,627	4,080	3,813	3,409	3,136	2,974	2,794	2,594
% Births to teenagers	16.5	15.6	14.3	14.0	12.3	11.3	9.9	9.3	9.0	8.5	8.0
BLACK OR AFRICAN AMERICAN											
# Births (all ages)	4,378	4,328	4,366	4,715	4,726	4,522	4,361	4,388	4,595	4,655	4,865
# Births to teenagers	603	562	561	544	507	394	312	316	329	271	280
% Births to teenagers	13.8	13.0	12.8	11.5	8.7	8.7	7.2	7.2	7.2	5.8	5.8
AMERICAN INDIAN OR ALASKA NATIVE											
# Births (all ages)	6,170	5,815	5,830	5,569	5,476	5,145	4,984	5,030	4,866	4,709	4,462
# Births to teenagers	1,170	988	987	890	775	602	569	540	519	463	410
% Births to teenagers	19.0	17.0	16.9	16.0	14.2	11.7	11.4	10.7	10.7	9.8	9.2
ASIAN OR PACIFIC ISLANDER											
# Births (all ages)	3,396	3,293	3,505	3,625	3,466	3,169	3,235	3,350	3,327	3,271	3,163
# Births to teenagers	88	103	111	79	79	57	63	51	55	42	40
% Births to teenagers	2.6	3.1	3.2	2.2	2.3	1.8	1.9	1.5	1.7	1.3	1.3

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, 2009-2019**

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.
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
2018	0.1	0.2	20.1	17.4	8.8	7.2	37.2	32.3
2019	0.2	NA	18.5	NA	8.2	NA	33.2	NA

Note: The U.S. data is from the National Vital Statistics reports published by the National Center for Health Statistics; 2019 U.S. birth rates for teens 10-14 years and 15-19 years were not available at the time of the preparation of this report.

**TABLE 12
REPEAT PREGNANCIES AMONG TEENAGE MOTHERS GIVING BIRTH BY AGE, AND YEAR, ARIZONA, 2009-2019**

Mother's age	Pregnancies	Year										
		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
15	Total	446	339	249	293	220 [†]	184	193	170 [†]	148	140 [†]	116
	Previous pregnancies	428	317	239	283	217	173	193	163	142	137	116
	One or more	18	22	10	8	*	10	0	*	6	*	0
16	Unknown	0	0	0	*	*	*	0	0	0	0	0
	Total	1,107	937	792	774	609	531	472	426	389	375	322
	Previous pregnancies	988	848	743	732	571	511	441	403	369	355	309
17	One or more	119	89	49	42	38	20	31	22	19	20	13
	Unknown	0	0	0	0	0	0	0	*	*	0	0
	Total	1,948	1,634	1,406	1,363	1,153	1,055	917	827	743	697	691
18	Previous pregnancies	1,598	1,343	1,197	1,218	1,022	938	835	750	676	628	638
	One or more	350	291	209	145	129	116	82	77	67	69	53
	Unknown	0	0	0	0	*	*	0	0	0	0	0
19	Total	3,078	2,647	2,399	2,281	2,012	1,886	1,620	1,537	1,417	1,294	1,140
	Previous pregnancies	2,226	1,967	1,901	1,845	1,658	1,545	1,365	1,276	1,179	1,111	1,003
	One or more	851	680	498	434	351	341	255	260	238	183	136
19	Unknown	*	0	0	*	*	0	0	*	0	0	*
	Total	4,241	3,754	3,488	3,339	3,154	2,921	2,641	2,379	2,308	2,124	2,018
	Previous pregnancies	2,667	2,459	2,414	2,444	2,376	2,233	2,017	1,873	1,817	1,674	1,640
19	One or more	1,570	1,295	1,074	892	777	687	622	506	490	450	378
	Unknown	*	0	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 2019**

Year Baby Was Born	MOTHER'S AGE WHEN BABY WAS BORN										Mother was 19 or younger in 2019	
	10	11	12	13	14	15	16	17	18	19		
2010	0											0†
2011	0	0										0†
2012	0	0	*									0†
2013	0	0	*	15								20†
2014	0	0	0	6	40							46
2015	0	0	0	*	38	193						230†
2016	0	0	*	9	44	167	426					650†
2017	0	0	0	6	30	148	389	743				1,316
2018	0	0	0	*	24	140	375	697	1294			2,540†
2019	0	*	*	*	29	116	322	691	1140	2018		4,320†
Cumulative number of mothers 19 or younger	0	0†	10†	50†	205	764	1,512	2,131	2,434	2,018		9,120†

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 2019 cohort of Arizona mothers who were 19 or younger that year. Among them are those who gave birth in 2019 and those who gave birth prior to 2019 and were still 19 or less years old in 2019. 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 2019 by the year the baby was born. For example, from among those girls and adolescents who had their baby in 2011, about 10† remained in their teens in 2019. The bottom row gives the cumulative total by mother's age when the baby was born. For example, among the 9,120† mothers under 20 in Arizona in 2019, 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 2019. For example, mothers who were 11 years old in 2010 were 20 years old in 2019. The figures in Table 13 are unadjusted for in-and-out migration, as well as mortality of mothers, in the period of 2010-2019. 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, 2009-2019**

	Total, females 19 years or younger	10-14 years	15-19 years	15-17 years	18-19 years
WHITE NON-HISPANIC					
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
2018	7.7	**	15.1	5.3	29.7
2019	6.9	**	13.6	5.0	25.7
HISPANIC OR LATINO					
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
2018	16.5	0.3	33.3	15.4	60.8
2019	15.6	0.3	31.4	14.2	56.7
BLACK OR AFRICAN AMERICAN					
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
2018	14.3	**	28.3	11.6	52.9
2019	15.1	**	30.2	12.3	55.8
AMERICAN INDIAN OR ALASKA NATIVE					
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
2018	20.6	0.6	41.5	19.8	74.1
2019	18.8	0.6	38.5	20.0	64.9
ASIAN OR PACIFIC ISLANDER					
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
2018	4.6	0.0	8.8	2.3	17.8
2019	4.3	0.0	8.4	2.2	16.8

Note: ** Cell suppressed 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, 2009-2019**

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Diagnosed with:	10-14 years										
Gonorrhea	26	22	27	21	21	16	30	38	39	32	24
Chlamydia	224	223	208	197	135	143	131	166	155	164	144
Early syphilis	0	0	0	0	0	0	0	0	*	0	0
Total reported infections	250	245	235	218	156	159	161	204	200†	196	168
Diagnosed with:	15-19 years										
Gonorrhea	453	529	691	813	702	679	751	856	1,024	937	1,040
Chlamydia	6,771	6,666	7,073	6,882	6,213	5,876	5,952	6,385	7,016	7,050	7,242
Early syphilis	6	10	8	6	6	9	8	7	23	39	42
Total reported infections	7,230	7,205	7,772	7,701	6,921	6,564	6,711	7,248	8,063	8,026	8,324

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, 2009-2019**

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Diagnosed with:	10-14 years										
Gonorrhea	11.4	10.0	12.3	9.4	9.4	7.1	13.3	16.9	17.3	13.9	10.3
Chlamydia	98.3	101.5	94.7	88.5	60.4	63.7	58.3	73.9	68.8	71.2	61.5
Early syphilis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0
Total reported infections	109.7	111.5	107.0	97.9	69.8	70.8	71.6	90.8	86.5	85.1	71.8
Diagnosed with:	15-19 years										
Gonorrhea	205.4	253.8	308.1	374.7	321.0	306.9	334.1	380.8	450.3	406.8	447.9
Chlamydia	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	3,060.8	3,118.8
Early syphilis	2.7	4.5	3.6	2.8	2.7	4.1	3.6	7.6	10.1	16.9	18.1
Total reported infections	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	3,484.5	3,584.8

Notes: ** Cell suppressed 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, 2019**

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	80†	*	76	16	60
Cochise	90†	*	87	25	62
Coconino	86	0	86	28	58
Gila	60†	*	56	19	37
Graham	40†	*	43	12	31
Greenlee	6	0	10†	*	*
La Paz	20†	*	20†	*	13
Maricopa	3,261	30	3,231	816	2,415
Mohave	125	0	125	25	100
Navajo	120†	*	116	40	76
Pima	764	9	755	189	566
Pinal	323	0	323	83	240
Santa Cruz	45	0	45	16	29
Yavapai	130†	*	133	38	95
Yuma	245	0	245	66	179
TOTAL STATE	5,525	50†	5,474	1,400†	4,070†

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	13.4	**	26.9	9.2	55.2
Cochise	11.2	**	22.0	10.7	38.3
Coconino	7.2	0.0	11.1	11.4	11.0
Gila	20.5	**	40.2	20.8	77.4
Graham	14.9	**	29.8	14.1	52.6
Greenlee	8.4	0.0	18.8	**	**
La Paz	18.2	**	36.9	**	80.2
Maricopa	11.2	0.2	22.6	9.4	43.1
Mohave	12.0	0.0	25.2	7.9	55.8
Navajo	14.4	**	30.5	16.3	55.9
Pima	11.8	0.3	21.9	10.3	35.2
Pinal	11.5	0.0	24.8	10.0	50.8
Santa Cruz	11.0	0.0	22.0	12.5	37.8
Yavapai	12.3	**	25.1	11.7	46.5
Yuma	15.9	0.0	32.0	14.1	60.2
TOTAL STATE	11.9	0.2	23.6	10.2	42.8

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 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, 2019

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	80†	*	74	16	58
Cochise	80†	*	78	22	56
Coconino	70	0	70	23	47
Gila	50†	*	46	17	29
Graham	40†	*	38	12	26
Greenlee	6	0	10†	*	*
La Paz	10†	*	10†	*	10
Maricopa	2,511	21	2,490	650	1,840
Mohave	120	0	120	25	95
Navajo	107	0	107	36	71
Pima	583	8	575	146	429
Pinal	275	0	275	67	208
Santa Cruz	40	0	40	15	25
Yavapai	120†	*	115	31	84
Yuma	241	0	241	65	176
TOTAL STATE	4,323	40†	4,287	1,130†	3,160†

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	13.1	**	26.2	9.2	53.4
Cochise	9.9	**	19.7	9.4	34.6
Coconino	5.8	0.0	9.1	9.4	8.9
Gila	16.4	**	33.0	18.6	60.7
Graham	13.2	**	26.4	14.1	44.1
Greenlee	8.4	0.0	18.8	**	**
La Paz	13.9	**	27.6	**	61.7
Maricopa	8.6	0.1	17.4	7.5	32.8
Mohave	11.5	0.0	24.2	7.9	53.0
Navajo	13.0	0.0	28.1	14.7	52.2
Pima	9.0	0.3	16.7	7.9	26.6
Pinal	9.8	0.0	21.1	8.1	44.1
Santa Cruz	9.8	0.0	19.5	11.7	32.6
Yavapai	10.7	**	21.7	9.5	41.1
Yuma	15.6	0.0	31.5	13.9	59.2
TOTAL STATE	9.3	0.2	18.5	8.2	33.2

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; ^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, 2019**

Age	Population	PREGNANCIES BY OUTCOME			TOTAL PREGNANCIES	
		Live births	Induced terminations of pregnancy (or abortions)	Spontaneous fetal losses	Number	Rate
10	47,210	0	0	0	0	0.0
11	47,362	*	*	0	*	**
12	46,704	*	*	0	*	**
13	46,528	*	*	0	8	0.2
14	46,192	29	9	0	38	0.8
10-14	233,996	40 [†]	20 [†]	0	50 [†]	0.2
15	44,906	116	38	*	155	3.5
16	45,444	322	79	*	404	8.9
17	46,690	691	148	*	842	18.0
15-17	137,040	1,129	265	10 [†]	1,401	10.2
18	48,189	1,140	366	10	1,516	31.5
19	46,972	2,018	523	16	2,557	54.4
18-19	95,161	3,158	889	26	4,073	42.8
Total 10-19	466,197	4,323	1,169	33	5,525	11.9

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 Rates per 1,000 female population in specific group.

**TABLE 20
BIRTHS TO FEMALES 19 OR YOUNGER BY AGE AND COUNTY OF RESIDENCE,
ARIZONA, 2019**

	Total	Mother's age								
		11	12	13	14	15	16	17	18	19
TOTAL	4,320†	0†	0†	0†	30†	120†	320†	690†	1,140†	2,020†
Apache	80†	0	0	0	*	*	7	7	21	37
Cochise	80†	0	0	0	*	0	16	6	18	38
Coconino	70†	0	0	0	0	*	11	10	18	29
Gila	50†	0	0	0	*	*	*	8	14	15
Graham	40†	0	0	0	*	*	*	10	*	21
Geenlee	10†	0	0	0	0	0	*	*	*	*
La Paz	10†	0	0	0	*	*	0	*	*	6
Maricopa	2,510†	0	*	*	17	69	180	401	685	1,155
Mohave	120†	0	0	0	0	*	*	20	30	65
Navajo	110†	0	0	0	0	*	18	13	30	41
Pima	580†	*	0	*	*	17	39	90	153	276
Pinal	280†	0	0	0	0	*	14	48	61	147
Santa Cruz	40†	0	0	0	0	*	*	9	9	16
Yavapai	120†	0	0	0	*	*	9	19	30	54
Yuma	240†	0	0	0	0	*	14	48	60	116

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 21
ABORTIONS TO FEMALES 19 OR YOUNGER BY AGE AND COUNTY OF RESIDENCE,
ARIZONA, 2019**

	Total	10	11	12	13	14	15	16	17	18	19
TOTAL	1,170†	0	0†	0†	0†	10†	40†	80†	150†	370†	520†
Apache	0†	0	0	0	0	0	0	0	0	*	*
Cochise	10†	0	0	0	*	0	*	*	*	*	*
Coconino	20†	0	0	0	0	0	*	*	*	*	7
Gila	10†	0	0	0	*	*	*	0	0	*	*
Graham	0†	0	0	0	0	0	0	0	0	*	*
Greenlee	0	0	0	0	0	0	0	0	0	0	0
La Paz	0†	0	0	0	0	0	0	0	*	*	*
Maricopa	730†	0	*	*	*	*	20	54	87	240	324
Mohave	0†	0	0	0	0	0	0	0	0	0	*
Navajo	10†	0	0	0	0	*	0	0	*	*	*
Pima	170†	0	0	0	0	*	8	9	25	51	80
Pinal	50†	0	0	0	0	0	*	*	9	13	18
Santa Cruz	10†	0	0	0	0	0	0	*	0	*	*
Yavapai	20†	0	0	0	0	0	*	*	*	*	6
Yuma	0†	0	0	0	0	0	0	0	*	*	*
Unknown	130†	0	0	0	0	0	*	8	14	37	71

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, 2019

	Total	AHCCCS	IHS	Private insurance	Self-pay	Unknown
TOTAL	4,323	3,520 [†]	80 [†]	470 [†]	140 [†]	110 [†]
Apache	80 [†]	65	*	*	*	0
Cochise	80 [†]	65	0	7	*	*
Coconino	70 [†]	59	*	6	0	*
Gila	50 [†]	29	15	*	0	0
Graham	40 [†]	22	7	6	*	0
Greenlee	10 [†]	*	0	*	*	0
La Paz	10 [†]	9	*	*	*	0
Maricopa	2,511	2,070	16	278	61	86
Mohave	120 [†]	103	*	7	6	*
Navajo	110 [†]	98	*	7	*	0
Pima	583	462	21	67	20	13
Pinal	280 [†]	206	10	52	*	*
Santa Cruz	40 [†]	30	0	*	*	*
Yavapai	120 [†]	108	0	6	*	*
Yuma	240 [†]	187	*	20	32	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, 2019

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	4,320 [†]	40 [†]	1,129	3,158	
Payer for births	AHCCCS	Count	3,517	31	900	2,586
		Percent	81.4	86.1	79.7	81.9
	IHS	Count	80 [†]	*	32	46
		Percent	1.8	**	2.8	1.5
	Private insurance	Count	470 [†]	*	121	348
		Percent	10.9	**	10.7	11.0
	Self-pay	Count	140 [†]	*	42	99
		Percent	3.3	**	3.7	3.1
	Unknown	Count	110 [†]	*	34	79
		Percent	2.6	**	3.0	2.5

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 24
TEENAGE BIRTHS BY NUMBER OF PREVIOUS PREGNANCIES BY AGE GROUP,
ARIZONA, 2019**

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	4,320†	36	1,129	3,160†	
Total prior pregnancies	None	Count	3,742	36	1,063	2,643
		Percent	86.6	100.0	94.2	83.7
	1	Count	524	0	60	464
		Percent	12.1	0.0	5.3	14.7
	2	Count	53	0	6	47
		Percent	1.2	0.0	0.5	1.5
	3	Count	0†	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	0	0
		Percent	0.0	0.0	0.0	0.0

**TABLE 25
TEENAGE BIRTHS BY MARITAL STATUS AND AGE GROUP,
ARIZONA, 2019**

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	4,323	36	1,130†	3,158	
Marital status	Married	Count	407	0	35	372
		Percent	9.4	0.0	3.1	11.8
	Unmarried	Count	3,907	36	1,093	2,778
		Percent	90.4	100.0	96.8	88.0
	Other	Count	10†	0	*	8
		Percent	0.2	0.0	**	0.3

**TABLE 26
TEENAGE BIRTHS BY MOTHER'S EDUCATION AND AGE GROUP
ARIZONA, 2019**

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	4,323	36	1,130†	3,158	
Mother's education	8th Grade or Less	Count	181	18	74	89
		Percent	4.2	50.0	6.6	2.8
	Some High School	Count	2,237	18	933	1,286
		Percent	51.7	50.0	82.6	40.7
	High School / GED	Count	1,497	0	115	1,382
		Percent	34.6	0.0	10.2	43.8
	Some College	Count	350†	0	*	341
		Percent	8.0	0.0	0.0	10.8
	Associate Degree	Count	47	0	0	47
		Percent	1.1	0.0	0.0	1.5
	Bachelor's Degree	Count	0	0	0	0
		Percent	0.0	0.0	0.0	0.0
	Postgraduate Education	Count	0	0	0	0
		Percent	0.0	0.0	0.0	0.0
	Unknown	Count	20†	0	*	13
		Percent	0.3	0.0	**	0.4

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, 2019**

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	4,323	40†	1,129	3,158	
Prenatal care	No care	Count	*	62	129	
		Percent	**	5.5	4.1	
	1st trimester	Count	2,316	6	519	1,791
		Percent	53.6	16.7	46.0	56.7
	2nd trimester	Count	1,147	15	334	798
		Percent	26.5	41.7	29.6	25.3
	3rd trimester	Count	507	12	172	323
		Percent	11.7	33.3	15.2	10.2
	Unknown	Count	160†	*	42	117
		Percent	3.7	**	3.7	3.7

**TABLE 28
TEENAGE BIRTHS BY NUMBER OF PRENATAL VISITS AND AGE GROUP,
ARIZONA, 2019**

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	4,323	40†	1,129	3,158	
Prenatal visits	No visits	Count	*	62	129	
		Percent	**	5.5	4.1	
	1-4 visits	Count	380†	*	123	256
		Percent	8.9	**	10.9	8.1
	5-8 visits	Count	1,082	16	301	765
		Percent	25.0	44.4	26.7	24.2
	9-12 visits	Count	1,732	10	417	1,305
		Percent	40.1	27.8	36.9	41.3
	13+ visits	Count	850†	*	207	642
		Percent	19.7	**	18.3	20.3
	Unknown	Count	80†	*	19	61
		Percent	1.9	**	1.7	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.

**TABLE 29
TOBACCO USE DURING PREGNANCY AMONG FEMALES 19 OR YOUNGER BY
AGE GROUP, ARIZONA, 2019**

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	4,323	36	1,129	3,158	
Substance use	Nonsmoker	Count	4,138	36	1,088	3,014
		Percent	95.7	100.0	96.4	95.4
	Light smoker	Count	95	0	21	74
		Percent	2.2	0.0	1.9	2.3
	Heavy smoker	Count	46	0	6	40
		Percent	1.1	0.0	0.5	1.3
	Unknown	Count	44	0	14	30
		Percent	1.0	0.0	1.2	0.9

**TABLE 30
RISK FOR LOW-BIRTHWEIGHT (LBW) BIRTHS BY SELECTED CHARACTERISTICS OF FEMALES 19 OR YOUNGER,
ARIZONA, 2019**

	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	*	0	0.0	214	24	11.2	781	54	6.9	
Hispanic or Latino	22	*	**	711	46	6.5	1,861	136	7.3	
Black or African American	*	*	**	73	11	15.1	203	33	16.3	
American Indian or Alaska Native	6	0	0.0	124	8	6.5	280	14	5.0	
Asian	0	0	0.0	7	*	**	33	*	**	
Smoking during pregnancy										
Nonsmoker	36	*	**	1,088	83	7.6	3,014	223	7.4	
Light smoker	0	0	0.0	21	*	**	74	*	**	
Heavy smoker	0	0	0.0	6	*	**	40	9	22.5	
Unknown	0	0	0.0	14	*	**	30	*	**	
Payer for births										
AHCCCS	31	*	**	900	81	9.0	2,586	194	7.5	
IHS	*	0	0.0	32	0	0.0	46	*	**	
Private insurance	*	0	0.0	121	8	6.6	348	29	8.3	
Self-pay	*	0	0.0	42	0	0.0	99	6	6.1	
Unknown	*	0	0.0	34	*	**	79	8	10.1	
Length of gestation										
36 weeks or less	*	*	**	106	58	54.7	283	159	56.2	
37 weeks or more	32	0	0.0	1,022	33	3.2	2,873	81	2.8	
Unknown	0	0	0.0	*	0	0.0	*	0	0.0	
Prenatal visits										
Less than 5	6	*	**	185	32	17.3	385	49	12.7	
5 or more	29	*	**	925	52	5.6	2,712	182	6.7	
Unknown	*	0	0.0	19	7	36.8	61	9	14.8	

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.

TABLE 31 (CORRECTED)
POPULATION OF FEMALES 19 OR YOUNGER, NUMBER OF PREGNANCIES AND PREGNANCY RATES BY AGE GROUP, AND RACE/ETHNICITY, ARIZONA, 2019

	POPULATION				
	All 19 years or younger	10-14 years	15-19 years	15-17 years	18-19 years
All groups	466,197	233,996	232,201	137,040	95,161
White non-Hispanic	193,668	95,612	98,056	57,501	40,555
Hispanic or Latino	204,737	104,076	100,661	59,971	40,690
Black or African American	26,822	13,541	13,281	7,818	5,463
American Indian or Alaska Native	24,038	12,487	11,551	6,792	4,759
Asian or Pacific Islander	16,932	8,280	8,652	4,958	3,694

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	5,452	50 [†]	5,401	1,390	4,011
White non-Hispanic	1,341	8	1,333	290	1,043
Hispanic or Latino	3,190	30	3,160	852	2,308
Black or African American	410 [†]	*	401	96	305
American Indian or Alaska Native	453	8	445	136	309
Asian or Pacific Islander	73	0	73	11	62

	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	11.9	0.2	23.6	10.2	42.8
White non-Hispanic	6.9	0.1	13.6	5.0	25.7
Hispanic or Latino	15.6	0.3	31.4	14.2	56.7
Black or African American	15.1	**	30.2	12.3	55.8
American Indian or Alaska Native	18.8	0.6	38.5	20.0	64.9
Asian or Pacific Islander	4.3	**	8.4	2.2	16.8

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 addend less than 6.

**TABLE 32
POPULATION OF FEMALES 19 OR YOUNGER BY COUNTY OF RESIDENCE, ARIZONA, 2019**

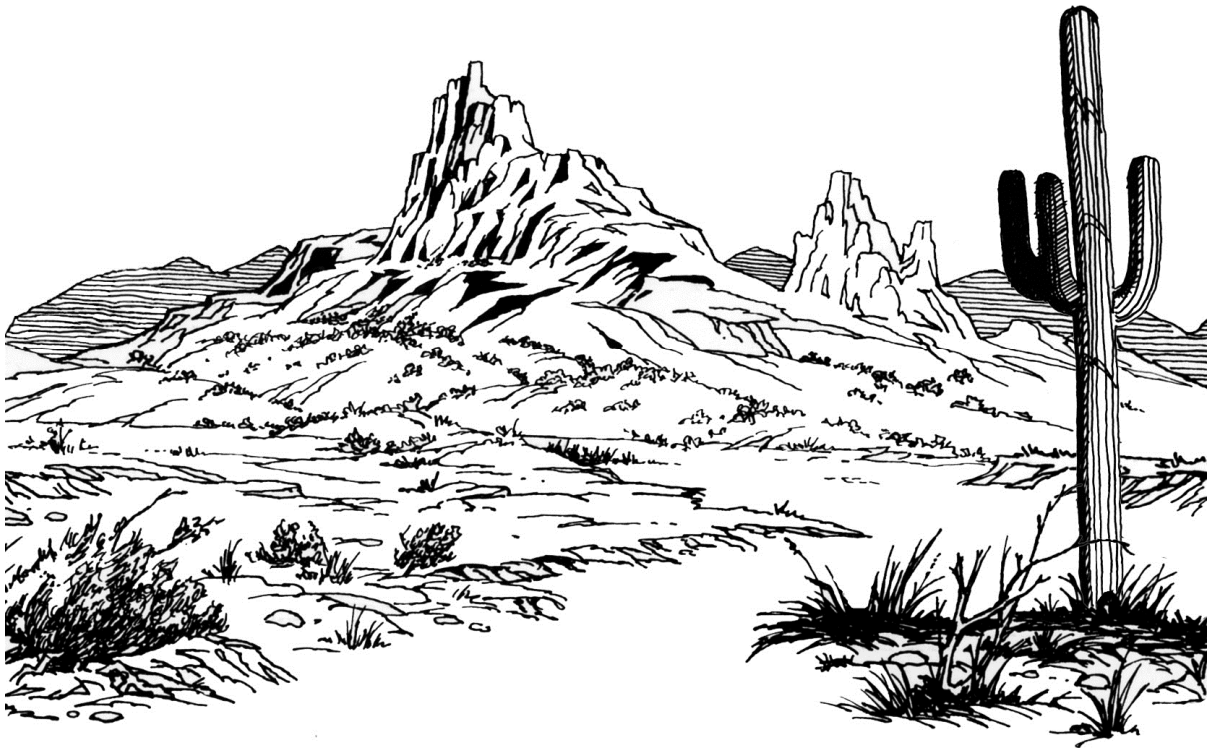
	All 19 years or younger	10-14 years	15-19 years		
			15-19 years	15-17 years	18-19 years
ARIZONA	466,197	233,996	232,201	137,040	95,161
Apache	5,818	2,992	2,826	1,739	1,087
Cochise	7,968	4,005	3,963	2,343	1,620
Coconino	11,967	4,252	7,715	2,455	5,260
Gila	2,874	1,481	1,393	915	478
Graham	2,950	1,509	1,441	852	589
Greenlee	713	394	319	201	118
La Paz	936	502	434	272	162
Maricopa	291,117	148,318	142,799	86,707	56,092
Mohave	10,423	5,457	4,966	3,174	1,792
Navajo	8,204	4,395	3,809	2,450	1,359
Pima	64,857	30,324	34,533	18,433	16,100
Pinal	27,996	14,987	13,009	8,289	4,720
Santa Cruz	4,079	2,030	2,049	1,281	768
Yavapai	10,867	5,576	5,291	3,249	2,042
Yuma	15,428	7,774	7,654	4,680	2,974

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

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

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Comments
A. The number of females 15-19 years old	220,555	224,302	225,857	227,395	228,652	220,134	222,162	225,110	228,583	230,329	232,201	Genus enumerations for 2010; population estimates for 2009-2019.
B. The number of births to females 15-19 years old	10,820	9,311	8,334	8,050	7,151	6,577	5,843	5,336	5,005	4,630	4,287	Based on the birth database.
C. The rate of births (B/A)*1,000	49.1	41.5	36.9	35.4	31.3	29.9	26.3	23.7	21.9	20.1	18.5	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	25,352	25,892	19,816	17,929	16,031	14,384	12,800	11,433	10,482	9,596	8,859	Mothers who gave birth when 15-19 years old. As an example, the 2019 cohort of mothers who were 15-19 years old includes 4,287 who gave birth that year and 4,798 who gave birth prior to 2019 and were still 15-19 years old in 2019 (Table 13).
E. The number of females 15-19 years old who had a birth previously (D-B)	14,532	16,581	11,482	9,879	8,880	7,807	6,957	6,097	5,477	4,966	4,572	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	2,252	1,898	1,639	1,521	1,300	1,161	990	861	811	716	578	Table 1B-23 in "Arizona Health Status and Vital Statistics" annual report.
G. The rate of repeat childbearing (F/E)*1,000	155.0	114.5	142.7	154.0	146.4	148.7	142.3	141.2	148.1	144.2	126.4	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)	206,023	207,721	214,375	217,516	219,772	212,327	215,205	219,013	223,106	225,363	227,363	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	8,568	7,409	6,683	6,522	5,844	5,414	4,851	4,474	4,193	3,914	3,708	Table 1B-23 in "Arizona Health Status and Vital Statistics" annual report.
J. The rate of first-time births (I/H)*1,000	41.6	35.7	31.2	30.0	26.6	25.5	22.5	20.4	18.8	17.4	16.3	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