



# **TEENAGE PREGNANCY**

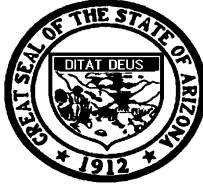
## **Arizona, 2002-2012**



Arizona  
Department of  
Health Services

**Public Health Services  
Bureau of Public Health Statistics  
Population Health and Vital Statistics Section**

~ Leadership for a Healthy Arizona ~



**Janice K. Brewer, Governor**  
**State of Arizona**

**Will Humble, Director**  
**Arizona Department of Health Services**

**POPULATION HEALTH AND VITAL STATISTICS SECTION**  
**BUREAU OF PUBLIC HEALTH STATISTICS**  
**ARIZONA DEPARTMENT OF HEALTH SERVICES**

150 North 18th Avenue, Suite 550  
Phoenix, Arizona 85007  
Phone: 602/542-7333; FAX: 602/542-2940  
[www.azdhs.gov/plan](http://www.azdhs.gov/plan)

**This publication can be made available in alternative format.**  
**Please contact the Bureau of Public Health Statistics**  
**at 602/542-7333 (voice) or call 1-800-367-8939 (TDD).**

***The Arizona Department of Health Services is***  
***an Equal Employment Opportunity Agency.***

***Permission to quote from or reproduce materials from this***  
***publication is granted when due acknowledgment is made.***

# **TEENAGE PREGNANCY, ARIZONA, 2002-2012**

---

**by**

**Nicholas J. Bishop, Ph.D., *Arizona Vital Statistician***  
**Sanhita Gupta, *Vital Statistics Health Management Analyst***  
**Clare Torres, *Senior Health Data Analyst***

**January 2014**

---

## **Acknowledgment**

Grateful acknowledgement is made to Khaleel S. Hussaini, PhD, Bureau Chief, for reviewing the typescript.

---

# TEENAGE PREGNANCY, ARIZONA, 2002-2012

## Table of Contents

<b>PURPOSE</b> .....	<b>1</b>
<b>METHODS AND SOURCES</b> .....	<b>1</b>
<b>DATA ORGANIZATION</b> .....	<b>1</b>
<b>COMPARATIVE NATIONAL AND STATE DATA</b> .....	<b>2</b>
<b>KEY FINDINGS</b> .....	<b>2</b>
<b>DATA TABLES</b> .....	<b>11</b>

## List of Figures

<b>Figure 1</b> .....	<b>3</b>
PREGNANCY RATES BY AGE GROUP AND YEAR AMONG FEMALES 19 OR YOUNGER, ARIZONA, 2002-2012	
<b>Figure 2</b> .....	<b>3</b>
TRENDS IN THE NUMBER OF PREGNANCIES AND PREGNANCY RATES AMONG FEMALES 19 OR YOUNGER, ARIZONA, 2002-2012	
<b>Figure 3</b> .....	<b>4</b>
TRENDS IN THE NUMBER OF PREGNANCIES BY RACE/ETHNICITY AMONG FEMALES 19 OR YOUNGER, ARIZONA, 2002-2012	
<b>Figure 4</b> .....	<b>4</b>
COMPARISON OF PREGNANCY RATES BY YEAR AMONG HISPANIC OR LATINOS AND ALL FEMALES 19 OR YOUNGER, ARIZONA, 2002-2012	
<b>Figure 5</b> .....	<b>5</b>
COMPARISON OF PREGNANCY RATES BY YEAR AMONG WHITE NON-HISPANICS AND ALL FEMALES 19 OR YOUNGER, ARIZONA, 2002-2012	
<b>Figure 6</b> .....	<b>5</b>
COMPARISON OF PREGNANCY RATES BY YEAR AMONG AMERICAN INDIAN OR ALASKA NATIVES AND ALL FEMALES 19 OR YOUNGER, ARIZONA, 2002-2012	
<b>Figure 7</b> .....	<b>6</b>
COMPARISON OF PREGNANCY RATES BY YEAR AMONG BLACK OR AFRICAN AMERICANS AND ALL FEMALES 19 OR YOUNGER, ARIZONA, 2002-2012	
<b>Figure 8</b> .....	<b>6</b>
COMPARISON OF PREGNANCY RATES BY YEAR AMONG ASIAN OR PACIFIC ISLANDERS AND ALL FEMALES 19 OR YOUNGER, ARIZONA, 2002-2012	
<b>Figure 9</b> .....	<b>7</b>
PROPORTIONAL CONTRIBUTION OF SURGICAL AND NON-SURGICAL ABORTIONS BY YEAR AMONG FEMALES 19 OR YOUNGER, ARIZONA, 2002-2012	
<b>Figure 10</b> .....	<b>7</b>
CUMULATIVE NUMBER OF MOTHERS WHO WERE 19 OR YOUNGER IN ARIZONA BY YEAR, 2002-2012	
<b>Figure 11</b> .....	<b>8</b>
RATES OF FIRST AND REPEAT BIRTHS TO FEMALES 15-19 YEARS, ARIZONA, 2002 AND 2012	
<b>Figure 12</b> .....	<b>8</b>
BIRTHS TO MOTHERS 19 OR YOUNGER BY MARITAL STATUS, ARIZONA, 1992, 2002, AND 2012	
<b>Figure 13</b> .....	<b>9</b>
NUMBER OF BIRTHS TO MOTHERS 19 OR YOUNGER BY PAYEE, ARIZONA, 2002 AND 2012	
<b>Figure 14</b> .....	<b>9</b>
TRENDS IN THE INCIDENCE OF SEXUALLY TRANSMITTED INFECTIONS AMONG FEMALES 15-19 YEARS, ARIZONA, 2002-2012	
<b>Figure 15</b> .....	<b>10</b>
BIRTH RATES FOR TEENAGERS 15-19 YEARS NATIONALLY AND IN ARIZONA, 2002-2012	

## List of Figures (continued)

<b>Figure 16</b> .....	10
BIRTH RATES FOR HISPANIC OR LATINO TEENAGERS 15-19 YEARS NATIONALLY AND IN ARIZONA, 2002-2012	

## **List of Tables**

<b>Table 1</b> .....	12
PREGNANCIES AND PREGNANCY OUTCOME BY AGE GROUP AND YEAR, FEMALES 19 OR YOUNGER, ARIZONA, 2002-2012	
<b>Table 2</b> .....	13
PREGNANCY RATES BY PREGNANCY OUTCOME, AGE GROUP, AND YEAR, FEMALES 19 OR YOUNGER, ARIZONA, 2002-2012	
<b>Table 3</b> .....	14
LIVE BIRTHS TO FEMALES 19 OR YOUNGER BY AGE GROUP, RACE/ETHNICITY, AND YEAR, ARIZONA, 2002-2012	
<b>Table 4</b> .....	15
ABORTIONS TO FEMALES 19 OR YOUNGER BY AGE GROUP, RACE/ETHNICITY, AND YEAR, ARIZONA, 2002-2012	
<b>Table 5</b> .....	16
NUMBER OF PREGNANCIES BY PREGNANCY OUTCOME, RACE/ETHNICITY, AND YEAR AMONG FEMALES AGE 17 OR YOUNGER WITH RATES, ARIZONA, 2002-2012	
<b>Table 6</b> .....	17
NUMBER OF PREGNANCIES BY PREGNANCY OUTCOME, RACE/ETHNICITY, AND YEAR AMONG FEMALES 15-17 YEARS OLD WITH RATES, ARIZONA, 2002-2012	
<b>Table 7</b> .....	18
NUMBER OF PREGNANCIES BY PREGNANCY OUTCOME, RACE/ETHNICITY, AND YEAR AMONG FEMALES 18-19 YEARS OLD WITH RATES, ARIZONA, 2002-2012	
<b>Table 8</b> .....	19
NUMBER OF PREGNANCIES BY PREGNANCY OUTCOME, RACE/ETHNICITY, AND YEAR AMONG FEMALES 19 OR YOUNGER WITH RATES, ARIZONA, 2002-2012	
<b>Table 9</b> .....	20
TRENDS IN PREGNANCY RATES BY COUNTY OF RESIDENCE AMONG FEMALES 10-17 YEARS, 18-19 YEARS, AND 19 YEARS OR YOUNGER, ARIZONA, 2002-2012	
<b>Table 10</b> .....	21
LIVE BIRTHS TO FEMALES 19 OR YOUNGER AS A PERCENTAGE OF TOTAL LIVE BIRTHS BY AREA, RACE/ETHNICITY, AND YEAR, ARIZONA, 2002-2012	
<b>Table 11</b> .....	22
BIRTH RATES BY AGE GROUP FOR FEMALES 19 OR YOUNGER, ARIZONA AND UNITED STATES, 2002-2012	
<b>Table 12</b> .....	23
REPEAT PREGNANCIES AMONG TEENAGE MOTHERS GIVING BIRTH BY AGE AND YEAR, ARIZONA, 2002-2012	
<b>Table 13</b> .....	24
CUMULATIVE NUMBER OF MOTHERS WHO WERE 19 OR YOUNGER IN ARIZONA IN 2012	
<b>Table 14</b> .....	25
TRENDS IN TEEN PREGNANCY RATES BY RACE/ETHNICITY AND AGE GROUP, ARIZONA, 2002-2012	
<b>Table 15</b> .....	26
TRENDS IN SEXUALLY TRANSMITTED INFECTIONS BY AGE GROUP AND YEAR AMONG FEMALES 10-19 YEARS, ARIZONA, 2002-2012	
<b>Table 16</b> .....	27
TRENDS IN THE INCIDENCE RATES OF SEXUALLY TRANSMITTED INFECTIONS BY AGE GROUP AND YEAR AMONG FEMALES 10-19 YEARS, ARIZONA, 2002-2012	

## List of Tables (continued)

<b>Table 17</b> .....	28
PREGNANCIES AND PREGNANCY RATES OF FEMALES 19 OR YOUNGER BY COUNTY OF RESIDENCE, ARIZONA, 2012	
<b>Table 18</b> .....	29
BIRTHS AND BIRTH RATES, FEMALES 19 OR YOUNGER BY COUNTY OF RESIDENCE, ARIZONA, 2012	
<b>Table 19</b> .....	30
PREGNANCY RATES AND NUMBER OF LIVE BIRTHS, FETAL DEATHS, AND ABORTIONS TO TEENS BY INDIVIDUAL AGE, ARIZONA, 2012	
<b>Table 20</b> .....	31
BIRTHS TO FEMALES 19 OR YOUNGER BY AGE AND COUNTY OF RESIDENCE, ARIZONA, 2012	
<b>Table 21</b> .....	32
ABORTIONS TO FEMALES 19 OR YOUNGER BY AGE AND COUNTY OF RESIDENCE, ARIZONA, 2012	
<b>Table 22</b> .....	33
SOURCES OF PAYMENT FOR LABOR AND DELIVERY, FEMALES 19 OR YOUNGER BY AGE, AND COUNTY OF RESIDENCE, ARIZONA, 2012	
<b>Table 23</b> .....	34
SOURCES OF PAYMENT FOR LABOR AND DELIVERY, FEMALES 19 OR YOUNGER BY AGE GROUP, ARIZONA, 2012	
<b>Table 24</b> .....	35
TEENAGE BIRTHS BY NUMBER OF PREVIOUS PREGNANCIES BY AGE GROUP, ARIZONA, 2012	
<b>Table 25</b> .....	35
TEENAGE BIRTHS BY MARITAL STATUS AND AGE GROUP, ARIZONA, 2012	
<b>Table 26</b> .....	35
TEENAGE BIRTHS BY MOTHER'S EDUCATION AND AGE GROUP, ARIZONA, 2012	
<b>Table 27</b> .....	36
TEENAGE BIRTHS BY TRIMESTER OF ENTRY INTO PRENATAL CARE AND AGE GROUP, ARIZONA, 2012	
<b>Table 28</b> .....	36
TEENAGE BIRTHS BY NUMBER OF PRENATAL VISITS AND AGE GROUP, ARIZONA, 2012	
<b>Table 29</b> .....	37
TOBACCO AND/OR ALCOHOL USE DURING PREGNANCY AMONG FEMALES 19 OR YOUNGER BY AGE GROUP, ARIZONA, 2012	
<b>Table 30</b> .....	38
RISK FOR LOW-BIRTHWEIGHT (LBW) BIRTHS BY SELECTED CHARACTERISTICS OF FEMALES 19 OR YOUNGER, ARIZONA, 2012	
<b>Table 31</b> .....	39
POPULATION OF FEMALES 19 OR YOUNGER, NUMBER OF PREGNANCIES AND PREGNANCY RATES BY AGE GROUP, AND RACE/ETHNICITY, ARIZONA, 2012	
<b>Table 32</b> .....	40
POPULATION OF FEMALES 19 OR YOUNGER BY COUNTY OF RESIDENCE, ARIZONA, 2012	
<b>Appendix</b> .....	41
HOW TO COMPUTE THE RATES OF FIRST AND REPEAT CHILDBEARING	





## PURPOSE

This report is the annual update of information about pregnancies among females under age 20. The data for 2012 is placed in a temporal context by comparing it with the data from the preceding years. Earlier reports are available online at <http://www.azdhs.gov/plan/report/tp/index.htm>.

## 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 2002-2009 and 2011-2012 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://www.azdhs.gov/plan/menu/info/pd.htm>.

The 2012 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 2002 to 2012 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 2002 to 2012. 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 2002 to 2012 in Table 12.

Table 14 presents teen pregnancy rates by race/ethnicity and age group by year from 2002 to 2012. Table 15 provides information about the incidence of sexually transmitted infections among females 10-14 and 15-19 years old in Arizona in 2002-2012. Table 16 shows the incidence rates by year from 2002 to 2012.

Frequency counts, proportions, and rates in Tables 17-32 all apply to the 2012 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 and alcohol use during pregnancy, and risk for low-birthweight by selected characteristics. The 2012 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 2002-2012.

## 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 2009 and the most recent fetal death data distributed by the CDC is available for 2006. Another source of national data on reproductive health is the Alan Guttmacher Institute. The report, "**U.S. Teenage Pregnancies, Births and Abortions, 2008: National Trends by Age, Race and Ethnicity**"\* was published by the Alan Guttmacher Institute in February 2012. The authors combine the complete count of births provided by every state to the NCHS 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 2002 – 2012 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 2012, the pregnancy rate of 21.6 pregnancies per 1,000 females 19 years or younger was 38.6 percent lower than the rate of 35.2 per 1,000 in 2002.**
- **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 48.3 percent from 42.2 per 1,000 in 2002 to 21.8 in 2012. The rate for older teenagers (aged 18-19 years) fell by 36.9 percent from 111.2/1,000 in 2002 to 70.2/1,000 in 2012.**
- **The 2012 teen pregnancy rate of 21.6/1,000 was based on 9,710 pregnancies occurring among 450,081 females aged 10-19 years. The number of 9,710 teen pregnancies in 2012 was 5.4 percent lower than 2011 and was the lowest number of teen pregnancies since 1984.**
- **From 2007 to 2012, the number of teen pregnancies declined particularly steeply for White non-Hispanic (45.4 percent), Hispanic or Latino (-40.5 percent), and Asian females (-47.3 percent).**
- **In 2012, Hispanic or Latino females accounted for 52.4 percent of all pregnancies in this age group, followed by White non-Hispanics (23.1 percent).**
- **In each year from 2002 to 2012, 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 2012, the Hispanic rate exceeded the average rate for all groups by 29.6 percent.**
- **If the 2012 "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 9,710 to approximately 3,376 ((7.5/1,000) \* 450,081).**
- **The proportion of non-surgical abortions to females 19 years or younger decreased from 44.3 percent in 2009 to 27.2 percent in 2012, indicating the proportion of surgical abortions increased 17.1 percent over that period.**
- **The first birth rate for childless teenagers has dropped 32.1 percent from 49.8 first-time births per 1,000 females 15-19 years old in 2002 to 33.8/1,000 in 2012.**
- **The repeat birth rates for teenagers who had already had a child decreased by 75.1 percent from 178.8 in 2002 to 44.6 per 1,000 females 15-19 years old in 2012 who had a previous birth .**
- **Unwed mothers have accounted for an increasing annual proportion of births throughout the 1990s and 2000s. In 2012, nonmarital births accounted for 89.5 percent of births to mothers 19 years or younger.**
- **The total number of births to mothers 19 years or younger decreased by 29.3 percent from 11,474 in 2002 to 8,117 in 2012. 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 77.6 percent in 2002 to 83.2 percent in 2012.**

---

\* Available at [www.guttmacher.org/pubs/USTrends.pdf](http://www.guttmacher.org/pubs/USTrends.pdf)

KEY FINDINGS

**Figure 1**  
**Pregnancy Rates by Age Group and Year among**  
**Females 19 or Younger, Arizona, 2002-2012**

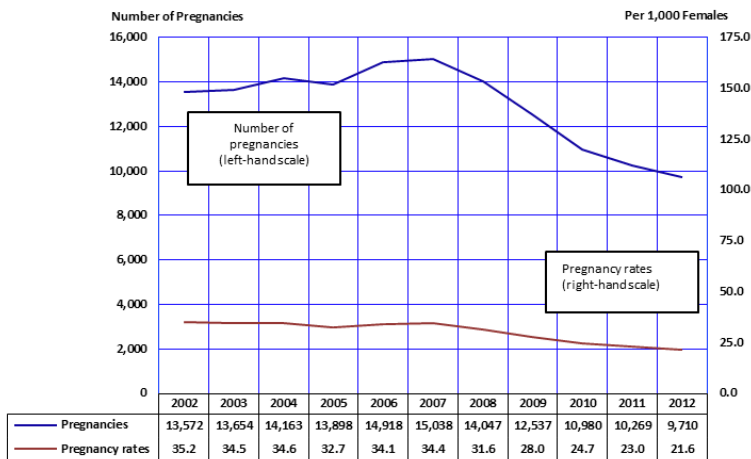


Note: All rates are per 1,000 females in specified group.

Teenage pregnancy rates dropped 38.6 percent overall from 2002 to 2012. (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 48.3 percent from 42.2 per 1,000 in 2002 to 21.8 in 2012. The rate for older teenagers (aged 18-19 years) fell by 36.9 percent from 111.2/1,000 in 2002 to 70.2/1,000 in 2012.

Two of the three components of the pregnancy rates for teenagers 19 years old or younger (births and fetal losses) declined from 2007 to 2012, though the abortion rate increased from 2010 to 2011 and returned to 3.4/1,000 females in 2012 (Table 1). 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, 2002-2012**



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 annual pregnancy rates in 2003 - 2005 were lower than the 2002 rate of 35.2 /1,000. In contrast, the number of pregnancies increased from 13,572 in 2002 to 14,918 in 2006 and 15,038 in 2007. It is only since 2008 that the reduction in the number of teen pregnancies was accompanied by an equally impressive decline in pregnancy rates (Figure 2, Table 1).

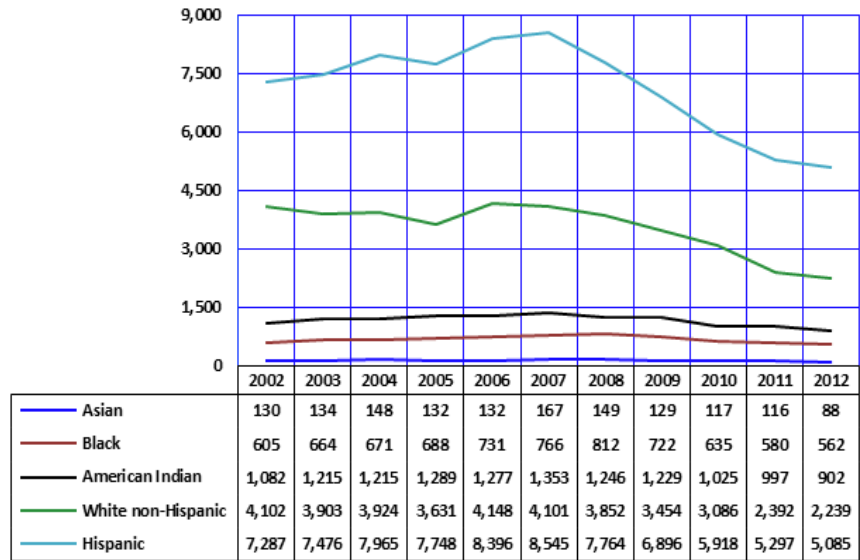
The 2012 teen pregnancy rate of 21.6/1,000 was based on 9,710 pregnancies occurring among 450,081 females aged 10-19 years. The number of 9,710 teen pregnancies in 2012 was 5.4 percent lower than 2011 and was the lowest number of teen pregnancies since 1984.

KEY FINDINGS

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 2002-2012). In 2012, Hispanic or Latino females accounted for 52.4 percent of all pregnancies in this age group, followed by White non-Hispanics (23.1 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 2012 (16.0 percent) than they did in 2002 (13.8 percent).

From 2007 to 2012, the number of teen pregnancies declined particularly steeply for White non-Hispanic (45.4 percent), Hispanic or Latino (-40.5 percent), and Asian females (-47.3 percent).

**Figure 3**  
**Trends in the Number of Pregnancies\* by Race/Ethnicity among Females 19 or Younger, Arizona, 2002-2012**



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

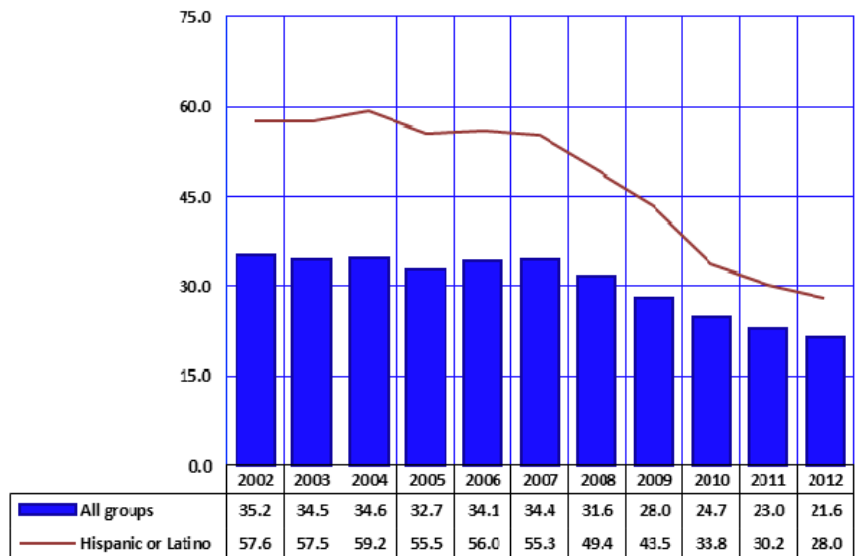
The teen pregnancy rates for all race and ethnic groups were lower in 2012 than in 2002 (**Figure 1**). However, the temporal trends in annual teen pregnancy rates differed considerably by race/ethnicity.

**Figures 4, 5, 6, 7, and 8** reveal race/ethnicity-specific trends in teen pregnancy rates in Arizona in 2002-2012.

From 2002 to 2012, the teenage pregnancy rate for Hispanic or Latino women declined more than 50 percent (51.4 percent), with the majority of the decline occurring between 2007 and 2012 (**Figure 4**).

In each year from 2002 to 2012, 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 2012, the Hispanic rate exceeded the average rate for all groups by 29.6 percent.

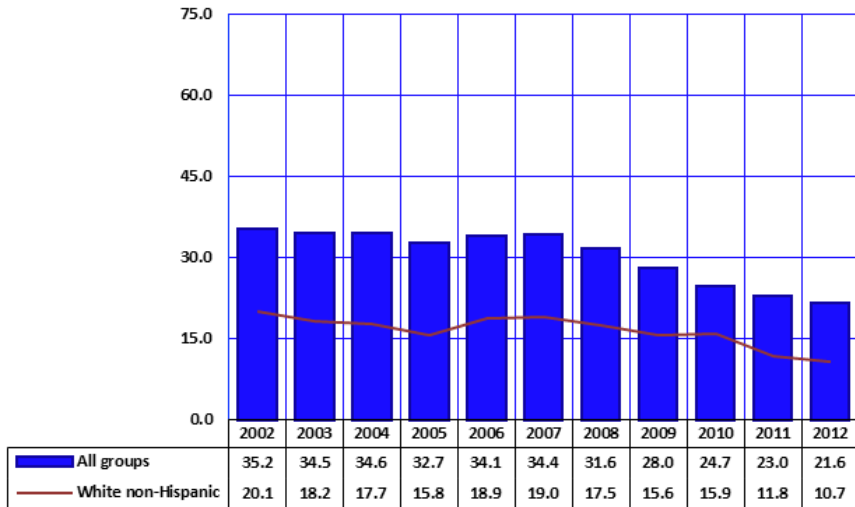
**Figure 4**  
**Comparison of Pregnancy Rates by Year among Hispanic or Latinos and all Females 19 or Younger, Arizona, 2002-2012**



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

KEY FINDINGS

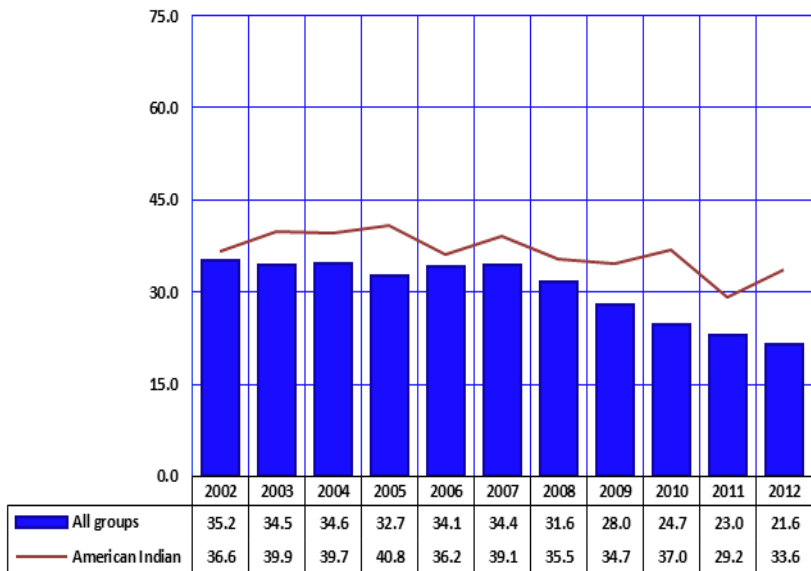
**Figure 5**  
**Comparison of Pregnancy Rates by Year among White non-Hispanics**  
**and all Females 19 or Younger, Arizona, 2002-2012**



The pregnancy rate for White non-Hispanics has substantially declined from 2002 to 2012 (46.8 percent), save for an increase from 2005 to 2007 (**Figure 5**). In each year from 2002 to 2012, 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, 2002-2012**

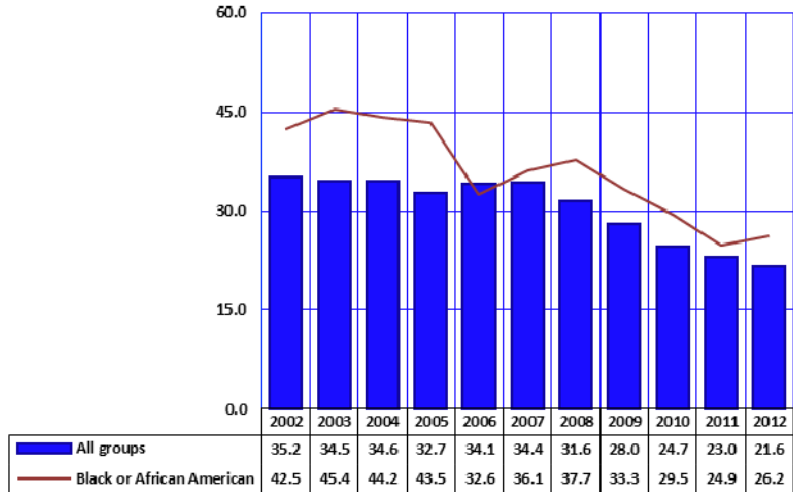


The pregnancy rate among American Indian females 19 years or younger varied somewhat erratically from 2002 to 2012, showing a 21.1 percent decrease from 2010 to 2011 and a 15.1 percent increase from 2011 to 2012 (**Figure 6**). The American Indian teenage pregnancy rate was higher than the average for all groups from 2002 to 2012.

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

**Figure 7**  
**Comparison of Pregnancy Rates by Year among Black or African Americans and all Females 19 or Younger, Arizona, 2002-2012**

Pregnancy rates for Black or African American females 19 years or younger decreased from 42.5/1,000 in 2002 to 26.2/1,000 in 2012 (Figure 7). Excluding 2006, the pregnancy rates for Black or African American teenagers exceeded the pregnancy rate for all groups.

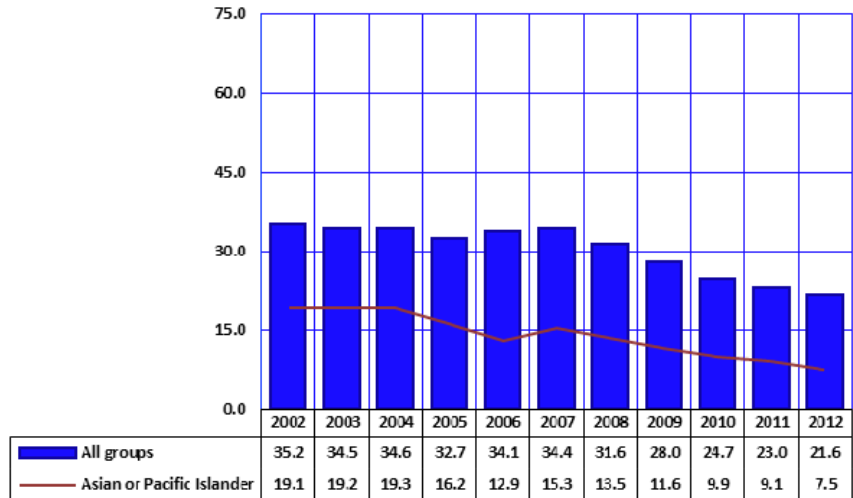


Note: All rates are per 1,000 females in specified group.

**Figure 8**  
**Comparison of Pregnancy Rates by Year among Asian or Pacific Islanders and all Females 19 or Younger, Arizona, 2002-2012**

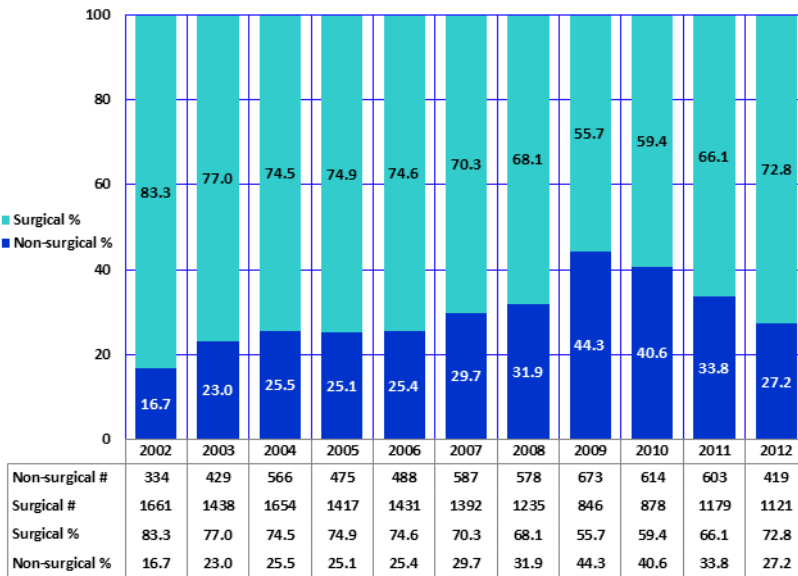
In each year from 2002 to 2012, the pregnancy rates for Asian or Pacific Islander females 19 years or younger were substantially lower than the average rates among all females 19 years or younger in Arizona (Figure 8). In 2012, the Asian rate (7.5/1,000) was 65.3 percent lower than the rate for all groups (21.6/1,000).

If the 2012 "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 9,710 to approximately 3,376 ((7.5/1,000) \* 450,081).



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

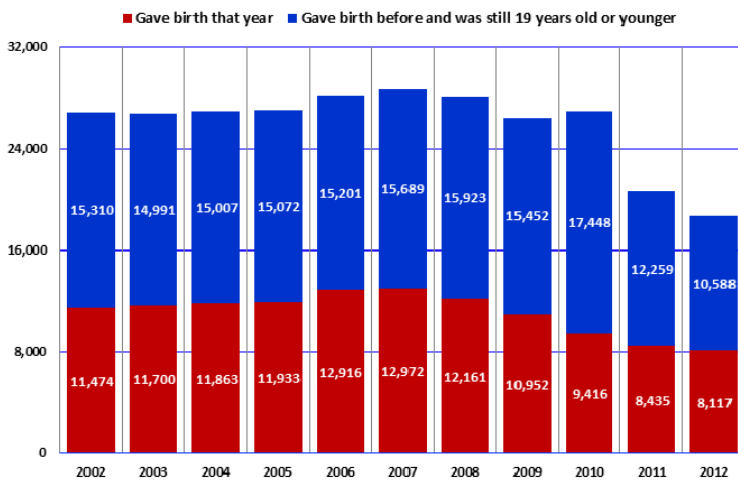
**Figure 9**  
**Proportional Contribution of Surgical and Non-Surgical Abortions**  
**by Year among Females 19 or Younger, Arizona, 2002-2012**



The proportion of non-surgical abortions to females 19 years or younger decreased from 44.3 percent in 2009 to 27.2 percent in 2012, indicating the proportion of surgical abortions increased 17.1 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, 2002-2012**



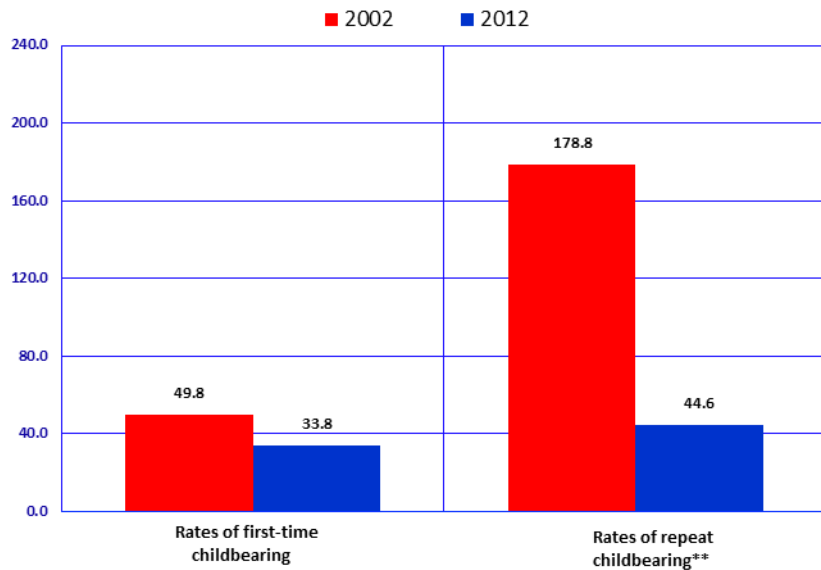
There were approximately 18,705 mothers under the age of 20 in Arizona in 2012. Among them there were the 8,117 who gave birth in 2012 and the 10,588 who gave birth prior to 2012 and were still 19 years old or younger in 2012 (**Figure 11, Table 13**). The cumulative number of mothers who were 19 years or younger in Arizona in 2012 decreased by 30.4 percent from 26,864 in 2010.

KEY FINDINGS

**Figure 11**  
**Rates of First and Repeat Births to Females 15-19 Years, Arizona, 2002 and 2012**

The first birth rate for childless teenagers has dropped 32.1 percent from 49.8 first-time births per 1,000 females 15-19 years old in 2002 to 33.8/1,000 in 2012 (**Figure 12**).

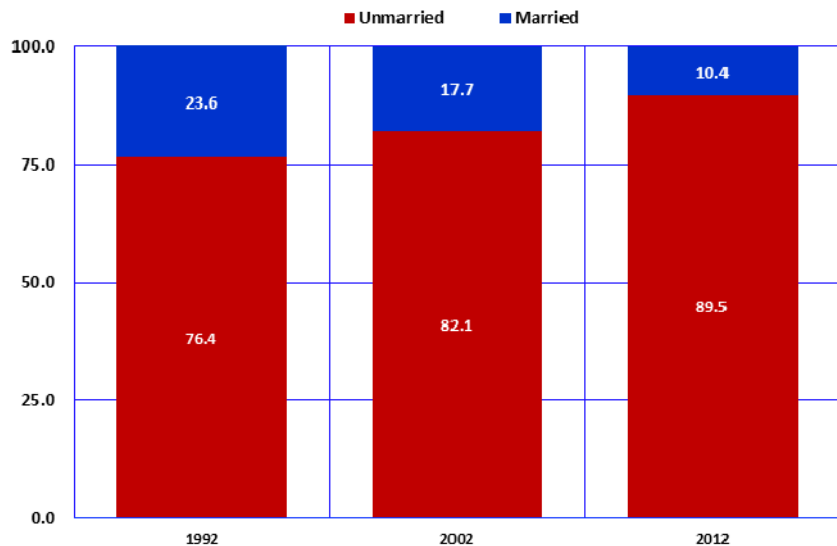
The repeat birth rates for teenagers who had already had a child decreased by 75.1 percent from 178.8 in 2002 to 44.6 per 1,000 females 15-19 years old in 2012 who had a previous birth (**Figure 12**).



Note: \* 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."

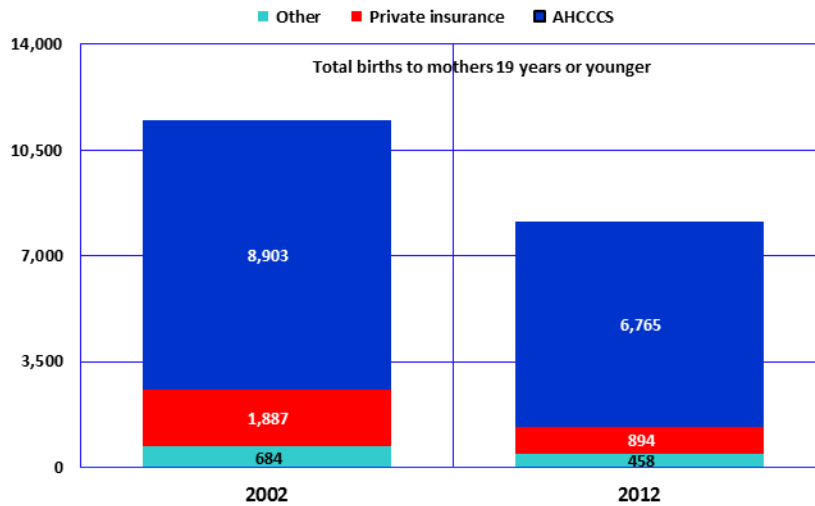
**Figure 12**  
**Births to Mothers 19 or Younger by Marital Status, Arizona, 1992, 2002, and 2012**

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 2012, nonmarital births accounted for 89.5 percent of births to mothers 19 years or younger.



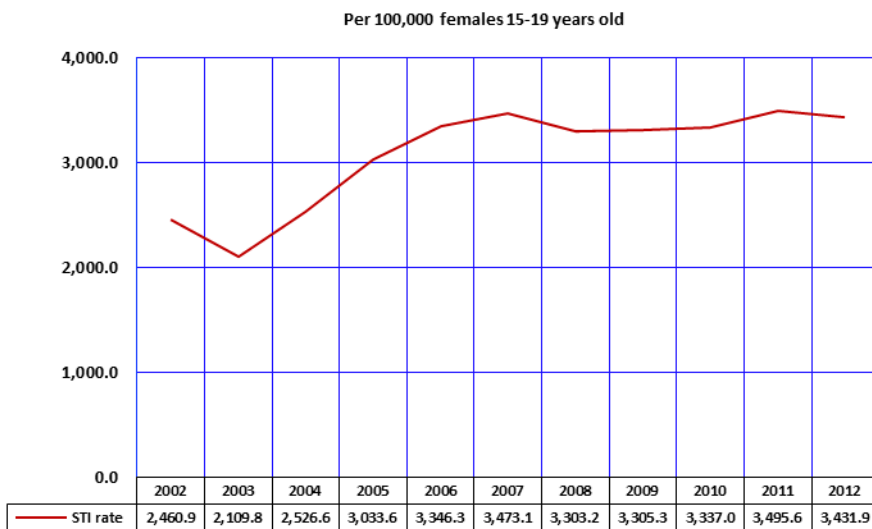


**Figure 13**  
**Number of Births to Mothers 19 or Younger by Payee, Arizona, 2002 and 2012**



The total number of births to mothers 19 years or younger decreased by 29.3 percent from 11,474 in 2002 to 8,117 in 2012 (**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 77.6 percent in 2002 to 83.2 percent in 2012 (**Figure 14**).

**Figure 14**  
**Trends in the Incidence of Sexually Transmitted Infections\* among Females 15-19 Years, Arizona, 2002-2012**



In each year from 2007 to 2012, the total number of sexually transmitted infections (STI) among females aged 19 or younger exceeded 7,400 (**Table 15**) compared to an average of 5,457 reported in years 2002 to 2006. The rate of STI among females 15-19 years old increased by 39.5 percent from 2,460.9 cases per 100,000 in 2002 to a rate of 3,431.9/100,000 in 2012.

These STIs include *chlamydia* and *syphilis*. *Chlamydia* can cause sterility in the affected mother and eye infections and pneumonia in the newborn. *Syphilis* can cause blindness and maternal and/or infant death.

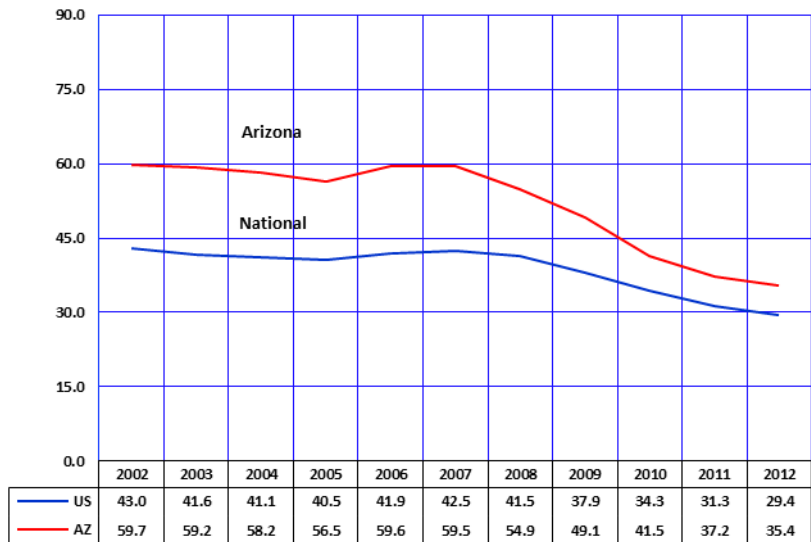
Note: \* The sum of annually reported cases of gonorrhea, chlamydia, genital and early syphilis.  
 Source: Bureau of Epidemiology and Disease Control Services, Office of Infectious Disease Services.

KEY FINDINGS

**Figure 15**  
**Birth Rates for Teenagers 15-19 Years, Nationally and in Arizona, 2002-2012**

In each year from 2002 to 2012, birth rates for Arizona teenagers 15-19 years old exceeded the rates of their national peers (**Figure 17, Table 11**).

In Arizona, Hispanic or Latino females 15-19 years old, a high-fertility group, accounted for 40.0 percent of females aged 15-19 years in 2012. A high proportional representation of Hispanic or Latino females in Arizona puts upward pressure on the overall teen birth rate.

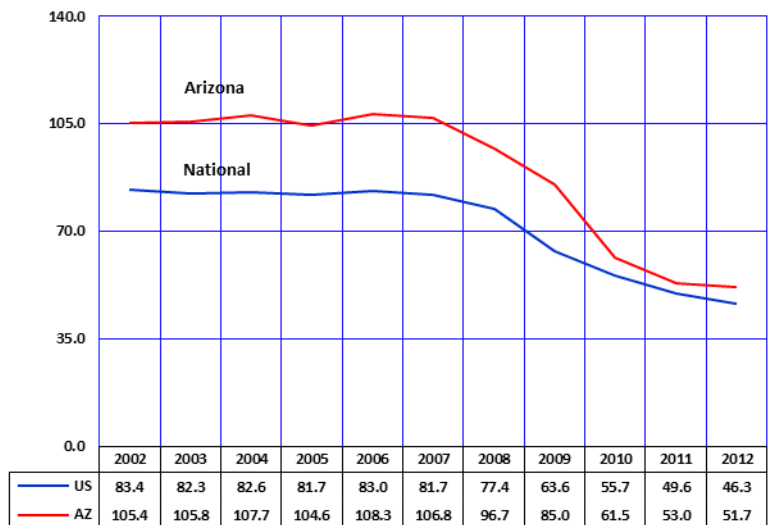


Note: The number of births per 1,000 females 15-19 years old.

**Figure 16**  
**Birth Rates for Hispanic or Latino Teenagers 15-19 Years, Nationally, and in Arizona, 2002-2012**

In 2012, Hispanics or Latinos aged 15-19 years disproportionately accounted for 57.0 percent of births to mothers in this age group in Arizona (4,627 out of 8,117; see **Table 6** and **Table 7**).

The 2012 birth rate among teen 15-19 years old exceeded the national rate for this age/ethnic group by 5.4 percent.



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

**TEENAGE PREGNANCY, ARIZONA, 2002-2012**

# **DATA TABLES**

**TABLE 1  
PREGNANCIES AND PREGNANCY OUTCOME BY AGE GROUP AND YEAR,  
FEMALES 19 OR YOUNGER, ARIZONA, 2002-2012**

Pregnancy outcome by year	Total females 19 years or younger	Under 15 years	15-19 years old		
			Total	15-17 years	18-19 years
<b>ALL PREGNANCIES</b>					
2002	13,572	255	13,317	4,696	8,621
2003	13,654	272	13,382	4,755	8,627
2004	14,163	233	13,930	4,955	8,975
2005	13,898	239	13,659	4,790	8,869
2006	14,918	242	14,676	5,105	9,571
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
<b>LIVE BIRTHS</b>					
2002	11,474	206	11,268	3,952	7,316
2003	11,700	211	11,489	4,110	7,379
2004	11,863	188	11,675	4,227	7,448
2005	11,933	185	11,748	4,179	7,569
2006	12,916	170	12,746	4,450	8,296
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
<b>ABORTIONS</b>					
2002	1,995	44	1,951	705	1,246
2003	1,867	60	1,807	614	1,193
2004	2,220	44	2,176	703	1,473
2005	1,892	54	1,838	582	1,256
2006	1,919	69	1,850	624	1,226
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
<b>FETAL LOSSES</b>					
2002	100†	*	98	39	59
2003	90†	*	86	31	55
2004	80†	*	79	25	54
2005	73	0	73	29	44
2006	80†	*	80	31	49
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

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<sup>a</sup> BY PREGNANCY OUTCOME, AGE GROUP, AND YEAR,**  
**FEMALES 19 OR YOUNGER, ARIZONA, 2002-2012**

Pregnancy outcome by year	Total females 19 years or younger	Under 15 years	15-19 years old		
			Total	15-17 years	18-19 years
<b>ALL PREGNANCIES</b>					
2002	35.2	1.3	70.6	42.2	111.2
2003	34.5	1.4	68.9	41.6	108.2
2004	34.6	1.1	69.4	42.0	108.7
2005	32.7	1.1	65.6	39.1	103.6
2006	34.1	1.1	68.7	39.0	115.6
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
<b>LIVE BIRTHS</b>					
2002	29.8	1.0	59.7	35.5	94.3
2003	29.5	1.0	59.2	35.9	92.5
2004	29.0	0.9	58.2	35.8	90.2
2005	28.1	0.9	56.5	34.1	88.4
2006	29.6	0.8	59.6	34.0	100.2
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
<b>ABORTIONS</b>					
2002	5.2	0.2	10.3	6.3	16.1
2003	4.7	0.3	9.3	5.4	15.0
2004	5.4	0.2	10.8	6.0	17.8
2005	4.5	0.2	8.8	4.8	14.7
2006	4.4	0.3	8.7	4.8	14.8
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
<b>FETAL LOSSES</b>					
2002	0.3	**	0.5	0.4	0.8
2003	0.2	**	0.4	0.3	0.7
2004	0.2	**	0.4	0.2	0.7
2005	0.2	0.0	0.4	0.2	0.5
2006	0.2	**	0.4	0.2	0.6
2007	0.2	**	0.4	0.3	0.6
2008	0.2	**	0.3	0.2	0.6
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

Notes: \*\* Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; <sup>a</sup> 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, 2002-2012**

Race/ethnic group and year	Total, females 19 years or younger	Under 15 years	15-19 years		
			Total	15-17 years	18-19 years
<b>WHITE NON-HISPANIC</b>					
2002	3,064	23	3,041	824	2,217
2003	2,970	23	2,947	782	2,165
2004	2,806	17	2,789	747	2,042
2005	2,744	17	2,727	711	2,016
2006	3,209	19	3,190	852	2,338
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
<b>HISPANIC OR LATINO</b>					
2002	6,585	147	6,438	2,507	3,931
2003	6,792	146	6,646	2,600	4,046
2004	7,138	137	7,001	2,779	4,222
2005	7,188	137	7,051	2,721	4,330
2006	7,738	123	7,615	2,923	4,692
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
<b>BLACK OR AFRICAN AMERICAN</b>					
2002	468	12	456	152	304
2003	550†	*	546	204	342
2004	540	12	528	180	348
2005	569	8	561	199	362
2006	601	7	594	187	407
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
<b>AMERICAN INDIAN OR ALASKA NATIVE</b>					
2002	1,039	18	1,021	374	647
2003	1,141	37	1,104	434	670
2004	1,142	21	1,121	452	669
2005	1,204	21	1,183	478	705
2006	1,216	19	1,197	430	767
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
<b>ASIAN OR PACIFIC ISLANDER</b>					
2002	100†	*	95	19	76
2003	110†	*	106	38	68
2004	90†	*	91	25	66
2005	100†	*	95	28	67
2006	90†	*	91	28	63
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

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, 2002-2012**

Race/ethnic group and year	Total, females 19 years or younger	Under 15 years	15-19 years		
			Total	15-17 years	18-19 years
<b>WHITE NON-HISPANIC</b>					
2002	1,010	20	990	367	623
2003	914	18	896	304	592
2004	1,095	19	1,076	341	735
2005	867	15	852	278	574
2006	917	28	889	296	593
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
<b>HISPANIC OR LATINO</b>					
2002	650	15	635	235	400
2003	630	27	603	197	406
2004	784	20	764	247	517
2005	522	21	501	151	350
2006	609	24	585	193	392
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
<b>BLACK OR AFRICAN AMERICAN</b>					
2002	120†	*	114	30	84
2003	107	6	101	40	61
2004	130†	*	124	46	78
2005	110†	*	109	32	77
2006	124	9	115	48	67
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	*
<b>AMERICAN INDIAN OR ALASKA NATIVE</b>					
2002	40†	*	37	12	25
2003	70†	*	65	25	40
2004	70†	*	64	17	47
2005	80†	*	72	21	51
2006	60†	*	54	24	30
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†	*	*
<b>ASIAN OR PACIFIC ISLANDER</b>					
2002	34	0	34	10	24
2003	30†	*	26	7	19
2004	60†	*	55	19	36
2005	35	0	35	10	25
2006	40†	*	37	11	26
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

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<sup>a</sup> BY PREGNANCY OUTCOME, RACE/ETHNICITY, AND YEAR AMONG FEMALES AGED 17 AND YOUNGER  
WITH RATES<sup>b</sup>, ARIZONA, 2002-2012**

Race/ethnicity Pregnancy outcome	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2012 Rates
<b>WHITE<sup>c</sup> NON-HISPANIC, total:</b>	1,245	1,131	1,129	1,028	1,204	1,165	1,074	894	770	600	564	<b>3.5</b>
Births	847	805	764	728	871	805	784	669	553	507	483	<b>3.0</b>
Abortions	387	322	360	293	324	353	287	218	214	90	71	<b>0.4</b>
<b>HISPANIC OR LATINO, total:</b>	2,926	2,993	3,198	3,043	3,281	3,286	3,057	2,496	2,106	1,731	1,728	<b>11.9</b>
Births	2,654	2,746	2,916	2,858	3,046	3,007	2,835	2,340	1,927	1,528	1,574	<b>10.8</b>
Abortions	250	224	267	172	217	254	207	144	167	196	150	<b>1.0</b>
<b>BLACK OR AFRICAN AMERICAN, total:</b>	207	256	241	247	255	268	266	221	189	170 <sup>†</sup>	174	<b>10.4</b>
Births	164	207	192	207	194	207	215	187	161	162	164	<b>9.8</b>
Abortions	34	46	47	37	57	55	48	31	25	*	9	<b>0.5</b>
<b>AMERICAN INDIAN OR ALASKA NATIVE, total:</b>	409	501	495	530	477	504	452	436	361	310 <sup>†</sup>	260 <sup>†</sup>	<b>12.4</b>
Births	392	471	473	499	449	471	430	411	345	307	258	<b>12.3</b>
Abortions	15	28	18	25	25	30	19	22	15	*	*	<b>**</b>
<b>ASIAN OR PACIFIC ISLANDER, total:</b>	30	47	46	39	43	43	41	30	30 <sup>†</sup>	30 <sup>†</sup>	20 <sup>†</sup>	<b>2.2</b>
Births	20	39	26	29	29	31	27	20	24	28	18	<b>1.9</b>
Abortions	10	8	20	10	14	12	14	9	*	*	*	<b>**</b>
<b>ALL RACE/ETHNIC GROUPS<sup>d</sup>, total:</b>	4,951	5,027	5,188	5,029	5,347	5,300	4,970	4,101	3,513	3,089	2,976	<b>8.4</b>
Births	4,158	4,321	4,415	4,364	4,620	4,541	4,312	3,633	3,015	2,548	2,497	<b>7.1</b>
Abortions	749	674	747	636	693	718	634	442	479	527	463	<b>1.3</b>
<b>Pregnancy rate, total:</b>	<b>16.1</b>	<b>15.9</b>	<b>15.9</b>	<b>14.8</b>	<b>15.1</b>	<b>14.8</b>	<b>13.7</b>	<b>11.2</b>	<b>10.0</b>	<b>8.7</b>	<b>8.4</b>	
<b>Fertility rate<sup>e</sup></b>	<b>13.5</b>	<b>13.7</b>	<b>13.5</b>	<b>12.9</b>	<b>13.0</b>	<b>12.7</b>	<b>11.9</b>	<b>9.9</b>	<b>8.6</b>	<b>7.2</b>	<b>7.1</b>	
<b>Abortion rate</b>	<b>2.4</b>	<b>2.1</b>	<b>2.3</b>	<b>1.9</b>	<b>2.0</b>	<b>2.0</b>	<b>1.7</b>	<b>1.2</b>	<b>1.4</b>	<b>1.5</b>	<b>1.3</b>	

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; <sup>†</sup> Sum rounded to nearest tens unit due to non-zero addend less than 6; <sup>a</sup> Fetal deaths are included in the total counts of pregnancies; <sup>b</sup> All rates per 1,000 females 10-17 years old; <sup>c</sup> Not of Hispanic origin; <sup>d</sup> Includes other and unspecified ethnicity; <sup>e</sup> Number of births per 1,000 females 10-17 years old.



**TABLE 6  
NUMBER OF PREGNANCIES<sup>a</sup> BY PREGNANCY OUTCOME, RACE/ETHNICITY, AND YEAR AMONG FEMALES 15-17 YEARS OLD  
WITH RATES<sup>b</sup>, ARIZONA, 2002-2012**

Race/ethnicity Pregnancy outcome	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2012 Rates
<b>WHITE<sup>c</sup> NON-HISPANIC, total:</b>	1,202	1,090	1,093	996	1,157	1,067	1,038	863	742	577	549	<b>9.0</b>
Births	824	782	747	711	852	779	769	649	541	494	475	<b>7.8</b>
Abortions	367	304	341	278	296	282	266	207	198	80	65	<b>1.1</b>
<b>HISPANIC OR LATINO, total:</b>	2,761	2,819	3,040	2,885	3,131	3,126	2,911	2,401	2,021	1,653	1,670	<b>31.6</b>
Births	2,507	2,600	2,779	2,721	2,923	2,892	2,724	2,253	1,859	1,467	1,528	<b>28.9</b>
Abortions	235	197	247	151	193	210	173	136	151	179	138	<b>2.6</b>
<b>BLACK OR AFRICAN AMERICAN, total:</b>	189	247	228	234	239	242	248	212	178	160 <sup>†</sup>	166	<b>26.2</b>
Births	152	204	180	199	187	195	203	181	151	152	159	<b>25.1</b>
Abortions	30	40	46	32	48	42	43	28	24	*	6	<b>0.9</b>
<b>AMERICAN INDIAN OR ALASKA NATIVE, total:</b>	388	461	473	505	457	470	428	419	345	300 <sup>†</sup>	250 <sup>†</sup>	<b>32.2</b>
Births	374	434	452	478	430	445	408	394	331	293	251	<b>31.8</b>
Abortions	12	25	17	21	24	22	17	22	13	*	*	<b>**</b>
<b>ASIAN OR PACIFIC ISLANDER, total:</b>	29	45	44	38	39	39	38	30 <sup>†</sup>	30 <sup>†</sup>	26	20 <sup>†</sup>	<b>5.6</b>
Births	19	38	25	28	28	31	26	18	23	26	17	<b>5.0</b>
Abortions	10	7	19	10	11	8	12	*	*	0	*	<b>**</b>
<b>ALL RACE/ETHNIC GROUPS<sup>d</sup>, total:</b>	4,696	4,755	4,955	4,790	5,105	4,975	4,740	3,945	3,363	2,939	2,860	<b>21.8</b>
Births	3,952	4,110	4,227	4,179	4,450	4,361	4,151	3,501	2,910	2,447	2,430	<b>18.5</b>
Abortions	705	614	703	582	624	576	567	418	435	478	414	<b>3.1</b>
<b>Pregnancy rate, total:</b>	<b>42.2</b>	<b>41.6</b>	<b>42.0</b>	<b>39.1</b>	<b>39.0</b>	<b>36.9</b>	<b>34.6</b>	<b>28.5</b>	<b>25.5</b>	<b>22.1</b>	<b>21.8</b>	
<b>Fertility rate<sup>e</sup></b>	<b>35.5</b>	<b>35.9</b>	<b>35.8</b>	<b>34.1</b>	<b>34.0</b>	<b>32.3</b>	<b>30.3</b>	<b>25.3</b>	<b>22.1</b>	<b>18.4</b>	<b>18.5</b>	
<b>Abortion rate</b>	<b>6.3</b>	<b>5.4</b>	<b>6.0</b>	<b>4.8</b>	<b>4.8</b>	<b>4.3</b>	<b>4.1</b>	<b>3.0</b>	<b>3.3</b>	<b>3.6</b>	<b>3.1</b>	

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; <sup>†</sup> Sum rounded to nearest tens unit due to non-zero addend less than 6; <sup>a</sup> Fetal deaths are included in the total counts of pregnancies; <sup>b</sup> All rates per 1,000 females 15-17 years old; <sup>c</sup> Not of Hispanic origin; <sup>d</sup> Includes other and unspecified ethnicity; <sup>e</sup> Number of births per 1,000 females 15-17 years old.

**TABLE 7  
NUMBER OF PREGNANCIES<sup>a</sup> BY PREGNANCY OUTCOME, RACE/ETHNICITY, AND YEAR AMONG FEMALES 18-19 YEARS OLD  
WITH RATES<sup>b</sup>, ARIZONA, 2002-2012**

Race/ethnicity Pregnancy outcome	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2012 Rates
<b>WHITE<sup>c</sup> NON-HISPANIC, total:</b>	2,857	2,772	2,795	2,603	2,944	2,936	2,778	2,560	2,316	1,792	1,675	<b>35.6</b>
Births	2,217	2,165	2,042	2,016	2,338	2,295	2,209	2,046	1,833	1,582	1,494	<b>31.7</b>
Abortions	623	592	735	574	593	629	554	502	480	199	167	<b>3.5</b>
<b>HISPANIC OR LATINO, total:</b>	4,361	4,483	4,767	4,705	5,115	5,259	4,707	4,400	3,812	3,566	3,357	<b>93.8</b>
Births	3,931	4,046	4,222	4,330	4,692	4,775	4,333	4,001	3,421	3,103	3,053	<b>85.3</b>
Abortions	400	406	517	350	392	456	354	381	365	442	291	<b>8.1</b>
<b>BLACK OR AFRICAN AMERICAN, total:</b>	398	408	430	441	476	498	546	501	446	413	390 <sup>†</sup>	<b>81.2</b>
Births	304	342	348	362	407	414	441	416	401	399	380	<b>79.5</b>
Abortions	84	61	78	77	67	81	95	79	42	13	*	<b>**</b>
<b>AMERICAN INDIAN OR ALASKA NATIVE, total:</b>	673	714	720	759	800	849	794	793	664	690 <sup>†</sup>	640 <sup>†</sup>	<b>110.7</b>
Births	647	670	669	705	767	814	755	759	643	680	632	<b>109.2</b>
Abortions	25	40	47	51	30	33	35	30	21	*	*	<b>**</b>
<b>ASIAN OR PACIFIC ISLANDER, total:</b>	100	87	102	93	89	124	108	99	88	90 <sup>†</sup>	68	<b>26.6</b>
Births	76	68	66	67	63	72	86	68	79	83	61	<b>23.8</b>
Abortions	24	19	36	25	26	51	22	31	9	*	7	<b>2.7</b>
<b>ALL RACE/ETHNIC GROUPS<sup>d</sup>, total:</b>	8,621	8,627	8,975	8,869	9,571	9,738	9,077	8,436	7,467	7,180	6,734	<b>70.2</b>
Births	7,316	7,379	7,448	7,569	8,296	8,431	7,849	7,319	6,401	5,887	5,620	<b>58.6</b>
Abortions	1,246	1,193	1,473	1,256	1,226	1,261	1,179	1,077	1,033	1,258	1,077	<b>11.2</b>
<b>Pregnancy rate, total:</b>	<b>111.2</b>	<b>108.2</b>	<b>108.7</b>	<b>103.6</b>	<b>115.6</b>	<b>121.4</b>	<b>111.3</b>	<b>102.5</b>	<b>80.8</b>	<b>77.2</b>	<b>70.2</b>	
<b>Fertility rate<sup>e</sup></b>	<b>94.3</b>	<b>92.5</b>	<b>90.2</b>	<b>88.4</b>	<b>100.2</b>	<b>105.1</b>	<b>96.3</b>	<b>89.0</b>	<b>69.2</b>	<b>63.3</b>	<b>58.6</b>	
<b>Abortion rate</b>	<b>16.1</b>	<b>15.0</b>	<b>17.8</b>	<b>14.7</b>	<b>14.8</b>	<b>15.7</b>	<b>14.5</b>	<b>13.1</b>	<b>11.2</b>	<b>13.5</b>	<b>11.2</b>	

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

**TABLE 8  
NUMBER OF PREGNANCIES<sup>a</sup> BY PREGNANCY OUTCOME, RACE/ETHNICITY, AND YEAR AMONG FEMALES 19 AND YOUNGER,  
WITH RATES<sup>b</sup>, ARIZONA, 2002-2012**

Race/ethnicity Pregnancy outcome	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2012 Rates
<b>WHITE<sup>c</sup> NON-HISPANIC, total:</b>	4,102	3,903	3,924	3,631	4,148	4,101	3,852	3,454	3,086	2,392	2,239	<b>10.7</b>
Births	3,064	2,970	2,806	2,744	3,209	3,100	2,993	2,715	2,386	2,089	1,977	<b>9.5</b>
Abortions	1,010	914	1,095	867	917	982	841	720	694	289	238	<b>1.1</b>
<b>HISPANIC OR LATINO, total:</b>	7,287	7,476	7,965	7,748	8,396	8,545	7,764	6,896	5,918	5,297	5,085	<b>28.0</b>
Births	6,585	6,792	7,138	7,188	7,738	7,782	7,168	6,341	5,348	4,631	4,627	<b>25.5</b>
Abortions	650	630	784	522	609	710	561	525	532	638	441	<b>2.4</b>
<b>BLACK OR AFRICAN AMERICAN, total:</b>	605	664	671	688	731	766	812	722	635	580	562	<b>26.2</b>
Births	468	549	540	569	601	621	656	603	562	561	544	<b>25.3</b>
Abortions	118	107	125	114	124	136	143	110	67	17	14	<b>0.7</b>
<b>AMERICAN INDIAN OR ALASKA NATIVE, total:</b>	1,082	1,215	1,215	1,289	1,277	1,353	1,246	1,229	1,025	1,000 <sup>†</sup>	900 <sup>†</sup>	<b>33.6</b>
Births	1,039	1,141	1,142	1,204	1,216	1,285	1,185	1,170	988	987	890	<b>33.1</b>
Abortions	40	68	65	76	55	63	54	52	36	*	*	<b>**</b>
<b>ASIAN OR PACIFIC ISLANDER, total:</b>	130	134	148	132	132	167	149	129	117	120 <sup>†</sup>	88	<b>7.5</b>
Births	96	107	92	96	92	103	113	88	103	111	79	<b>6.7</b>
Abortions	34	27	56	35	40	63	36	40	14	*	9	<b>0.8</b>
<b>ALL RACE/ETHNIC GROUPS<sup>d</sup>, total:</b>	13,572	13,654	14,163	13,898	14,918	15,038	14,047	12,537	10,980	10,269	9,710	<b>21.6</b>
Births	11,474	11,700	11,863	11,933	12,916	12,972	12,161	10,952	9,416	8,435	8,117	<b>18.0</b>
Abortions	1,995	1,867	2,220	1,892	1,919	1,979	1,813	1,519	1,512	1,785	1,539	<b>3.4</b>
<b>Pregnancy rate, total:</b>	<b>35.2</b>	<b>34.5</b>	<b>34.6</b>	<b>32.7</b>	<b>34.1</b>	<b>34.4</b>	<b>31.6</b>	<b>28.0</b>	<b>24.7</b>	<b>23.0</b>	<b>21.6</b>	
<b>Fertility rate<sup>e</sup></b>	<b>29.8</b>	<b>29.5</b>	<b>29.0</b>	<b>28.1</b>	<b>29.6</b>	<b>29.7</b>	<b>27.4</b>	<b>24.4</b>	<b>21.2</b>	<b>18.9</b>	<b>18.0</b>	
<b>Abortion rate</b>	<b>5.2</b>	<b>4.7</b>	<b>5.4</b>	<b>4.5</b>	<b>4.4</b>	<b>4.5</b>	<b>4.1</b>	<b>3.4</b>	<b>3.4</b>	<b>4.0</b>	<b>3.4</b>	

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

**TABLE 9  
TRENDS IN PREGNANCY RATES<sup>a</sup> BY COUNTY OF RESIDENCE AMONG FEMALES 10-17 AND 18-19 YEARS OLD,  
ARIZONA, 2002-2012**

	ARIZONA	APACHE	COCHISE	COCONINO	GILA	GRAHAM	GREENLEE	LA PAZ	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	SANTA CRUZ	YAVAPAI	YUMA
<b>2002</b>	35.2	23.2	30.6	26.0	42.4	29.9	40.0	35.6	36.0	32.5	28.5	36.3	38.5	36.4	29.6	38.8
<b>2003</b>	34.5	30.8	31.5	26.9	42.8	27.5	26.0	32.2	36.0	30.9	29.6	32.0	38.1	30.0	25.3	40.6
<b>2004</b>	34.6	32.8	30.0	27.7	38.4	22.5	36.6	39.8	35.5	28.7	33.7	33.8	36.4	38.6	27.9	42.1
<b>2005</b>	32.7	25.9	30.0	27.7	38.8	20.9	31.0	49.8	33.9	32.1	33.1	30.6	33.5	30.7	25.7	37.0
<b>2006</b>	34.1	25.6	24.2	31.0	37.7	35.5	24.7	30.0	35.4	33.0	30.0	32.9	34.1	32.9	29.6	38.0
<b>2007</b>	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
<b>2008</b>	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
<b>2009</b>	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
<b>2010</b>	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
<b>2011</b>	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
<b>2012</b>	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
<b>2002</b>	111.1	100.7	104.4	68.9	151.5	78.4	161.9	127.0	114.2	131.5	121.5	96.7	130.2	137.7	115.9	133.4
<b>2003</b>	108.2	130.1	107.3	70.6	145.5	78.8	64.8	113.4	112.4	129.0	123.4	86.0	139.3	130.7	98.7	134.2
<b>2004</b>	108.7	141.6	106.7	76.9	164.3	57.7	173.1	153.8	110.9	112.8	141.3	93.7	121.0	147.2	99.3	135.6
<b>2005</b>	103.6	105.4	110.0	79.5	150.5	56.7	174.8	148.7	106.5	134.0	138.2	83.7	119.8	111.8	104.1	122.2
<b>2006</b>	115.6	87.9	71.1	84.0	139.8	95.6	69.0	63.0	125.0	142.1	99.4	95.8	129.3	108.5	109.2	122.8
<b>2007</b>	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
<b>2008</b>	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
<b>2009</b>	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
<b>2010</b>	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
<b>2011</b>	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
<b>2012</b>	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
<b>2002</b>	16.1	9.6	13.7	13.0	22.1	14.0	17.5	18.7	16.5	12.5	12.0	17.2	19.1	17.2	11.1	17.3
<b>2003</b>	15.9	13.4	14.3	13.6	23.7	10.7	18.8	17.2	16.9	11.1	13.0	14.6	16.8	11.1	9.5	19.3
<b>2004</b>	15.9	13.5	12.7	12.9	15.4	10.9	10.9	17.8	16.5	11.8	14.6	15.1	18.3	17.9	12.3	20.4
<b>2005</b>	14.8	11.9	11.7	12.1	18.2	9.0	**	30.7	15.7	11.5	14.4	14.0	14.9	15.2	8.6	17.1
<b>2006</b>	15.1	10.8	12.0	14.1	16.6	17.6	**	13.1	15.7	12.4	14.9	14.7	13.4	16.5	11.8	16.6
<b>2007</b>	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
<b>2008</b>	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
<b>2009</b>	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
<b>2010</b>	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
<b>2011</b>	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
<b>2012</b>	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

Notes: \*\* Cell suppressed due to rate/ratio/percent based on count less than 6; <sup>a</sup> 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, 2002-2012**

Group	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>ARIZONA, TOTAL<sup>a</sup></b>											
# Births (all ages)	87,379	90,783	93,396	95,798	102,042	102,687	99,215	92,616	87,053	85,190	85,725
# Births to teenagers	11,474	11,700	11,863	11,933	12,916	12,972	12,161	10,952	9,416	8,535	8,117
% Births to teenagers	13.1	12.9	12.7	12.5	12.7	12.6	12.2	11.8	10.8	10.0	9.5
<b>URBAN COUNTIES<sup>b</sup></b>											
# Births (all ages)	74,851	77,905	79,951	82,141	87,910	88,266	85,263	79,046	74,624	74,040	74,128
# Births to teenagers	9,512	9,686	9,786	9,827	10,809	10,693	10,013	8,867	7,690	6,886	6,697
% Births to teenagers	12.7	12.4	12.2	12.0	12.3	12.1	11.7	11.2	10.3	9.3	9.0
<b>RURAL COUNTIES</b>											
# Births (all ages)	12,498	12,848	13,409	13,603	14,083	14,413	13,952	13,570	12,429	12,150	11,597
# Births to teenagers	1,959	2,014	2,074	2,103	2,100	2,279	2,148	2,085	1,726	1,549	1,420
% Births to teenagers	15.7	15.7	15.5	15.5	14.9	15.8	15.3	15.4	13.9	12.7	12.2
<b>WHITE NON-HISPANIC</b>											
# Births (all ages)	38,819	38,842	39,271	39,657	43,013	42,216	41,925	39,781	38,777	38,294	38,670
# Births to teenagers	3,064	2,970	2,806	2,744	3,209	3,100	2,993	2,715	2,386	2,089	1,977
% Births to teenagers	7.9	7.6	7.2	6.9	7.5	7.3	7.1	6.8	6.2	5.5	5.1
<b>HISPANIC OR LATINO</b>											
# Births (all ages)	36,089	39,101	40,822	42,156	44,862	45,731	42,639	38,362	34,333	32,398	33,146
# Births to teenagers	6,585	6,792	7,138	7,188	7,738	7,782	7,168	6,341	5,348	4,631	4,627
% Births to teenagers	18.2	17.4	17.5	17.0	17.2	17.0	16.8	16.5	15.6	14.3	14.0
<b>BLACK OR AFRICAN AMERICAN</b>											
# Births (all ages)	2,753	3,022	3,216	3,450	3,864	4,165	4,301	4,378	4,328	4,366	4,715
# Births to teenagers	468	549	540	569	601	621	656	603	562	561	544
% Births to teenagers	17.0	18.2	16.8	16.5	15.6	14.9	15.2	13.8	13.0	12.8	11.5
<b>AMERICAN INDIAN OR ALASKA NATIVE</b>											
# Births (all ages)	5,545	5,881	6,120	6,293	6,364	6,408	6,362	6,170	5,815	5,830	5,569
# Births to teenagers	1,039	1,141	1,142	1,204	1,216	1,285	1,185	1,170	988	987	890
% Births to teenagers	18.7	19.4	18.9	19.1	19.1	20.0	18.6	19.0	17.0	16.9	16.0
<b>ASIAN OR PACIFIC ISLANDER</b>											
# Births (all ages)	2,281	2,524	2,614	2,805	3,136	3,412	3,425	3,396	3,293	3,505	3,625
# Births to teenagers	96	107	92	96	92	103	113	88	103	111	79
% Births to teenagers	4.2	4.2	3.5	3.4	2.9	3.0	3.2	2.6	3.1	3.2	2.2

Notes: <sup>a</sup> 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; <sup>b</sup> 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, 2002-2012**

Year	Under 15 Years		15 - 19 Years Old					
			Total		15-17 Years		18-19 Years	
	AZ	U.S.	AZ	U.S.	AZ	U.S.	AZ	U.S.
<b>2002</b>	1.0	0.7	59.7	43.0	35.5	23.2	94.3	72.7
<b>2003</b>	1.0	0.6	59.2	41.6	35.9	22.4	92.5	70.7
<b>2004</b>	0.9	0.7	58.2	41.1	35.8	22.1	90.2	70.0
<b>2005</b>	0.9	0.7	56.5	40.5	34.1	21.4	88.4	69.9
<b>2006</b>	0.8	0.6	59.6	41.9	34.0	22.0	100.2	73.0
<b>2007</b>	0.8	0.6	59.5	42.5	32.3	22.2	105.1	73.9
<b>2008</b>	0.7	0.6	54.9	41.5	30.3	21.7	96.3	70.7
<b>2009</b>	0.6	0.5	49.1	37.9	25.3	19.6	89.0	64.0
<b>2010</b>	0.5	0.4	41.5	34.3	22.1	17.3	69.2	58.3
<b>2011</b>	0.5	0.4	37.2	31.3	18.6	15.4	63.7	54.1
<b>2012</b>	0.3	0.4	35.4	29.4	18.5	14.1	58.6	51.4

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, 2002-2012**

Mother's age	Pregnancies	Year										
		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
15	<b>Total</b>	510†	587	570†	603	593	604	570	446	339	249	290†
	<b>Previous pregnancies</b>	470	551	538	559	558	553	553	428	317	239	283
	<b>One or more</b>	41	36	25	44	35	51	17	18	22	10	8
16	<b>Unknown</b>	*	0	*	0	0	0	0	0	0	0	*
	<b>Total</b>	1,340†	1,310†	1,390†	1,317	1,448	1,360	1,250	1,107	937	792	774
	<b>Previous pregnancies</b>	1,169	1,144	1,228	1,167	1,290	1,199	1,146	988	848	743	732
17	<b>One or more</b>	166	168	159	150	158	161	104	119	89	49	42
	<b>Unknown</b>	*	*	*	0	0	0	0	0	0	0	0
	<b>Total</b>	2,104	2,210†	2,272	2,259	2,410†	2,397	2,331	1,948	1,634	1,406	1,363
18	<b>Previous pregnancies</b>	1,658	1,729	1,838	1,791	1,905	1,895	1,983	1,598	1,343	1,197	1,218
	<b>One or more</b>	437	475	427	468	502	502	348	350	291	209	145
	<b>Unknown</b>	9	*	7	0	*	0	0	0	0	0	0
19	<b>Total</b>	3,208	3,211	3,210†	3,351	3,523	3,661	3,380†	3,080†	2,647	2,399	2,280†
	<b>Previous pregnancies</b>	2,231	2,209	2,250	2,411	2,519	2,645	2,576	2,226	1,967	1,901	1,845
	<b>One or more</b>	967	996	954	940	1,004	1,016	799	851	680	498	434
19	<b>Unknown</b>	10	6	*	0	0	0	*	*	0	0	*
	<b>Total</b>	4,108	4,168	4,240†	4,220†	4,773	4,770	4,470†	4,240†	3,754	3,488	3,340†
	<b>Previous pregnancies</b>	2,496	2,592	2,556	2,631	2,961	2,980	3,065	2,667	2,459	2,414	2,444
19	<b>One or more</b>	1,595	1,567	1,681	1,586	1,812	1,790	1,407	1,570	1,295	1,074	892
	<b>Unknown</b>	17	9	*	*	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 2012**

Year Baby Was Born	MOTHER'S AGE WHEN BABY WAS BORN										Mother was 19 or younger in 2012	
	10	11	12	13	14	15	16	17	18	19		
2003	0											0
2004	0	0										0
2005	0	0	*									*
2006	0	0	*	25								27
2007	0	0	*	20	156							180
2008	0	*	*	16	141	570						731
2009	0	0	*	15	116	446	1,107					1,685
2010	0	*	*	11	92	339	937	1,634				3,015
2011	0	0	*	7	93	249	792	1,406	2,399			4,947
2012	0	0	*	*	61	293	774	1,363	2,281	3,339		8,117
<b>Cumulative number of mothers 19 or younger</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>94</b>	<b>659</b>	<b>1,897</b>	<b>3,610</b>	<b>4,403</b>	<b>4,680</b>	<b>3,339</b>	<b>18,705</b>	

Notes: \* Cell suppressed due to non-zero count less than 6; The above table focuses on the 2012 cohort of Arizona mothers who were 19 or younger that year. Among them are those who gave birth in 2012 and those who gave birth prior to 2012 and were still 19 or less years old in 2012. 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 2012 by the year the baby was born. For example, from among those girls and adolescents who had their baby in 2006, 27 remained in their teens in 2012. The bottom row gives the cumulative total by mother's age when the baby was born. For example, among the 18,705 mothers under 20 in Arizona in 2012, 94 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 2012. For example, mothers who were 11 years old in 2003 were 20 years old in 2012. The figures in Table 13 are unadjusted for in-and-out migration, as well as mortality of mothers, in the period of 2002-2012. 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, 2002-2012**

	All 19 years or younger	10-14 years	15-19 years	15-17 years	18-19 years
<b>WHITE NON-HISPANIC</b>					
2002	20.1	0.4	40.0	20.2	67.9
2003	18.2	0.4	36.3	17.5	62.9
2004	17.7	0.3	35.3	16.9	61.2
2005	15.8	0.3	31.6	14.9	55.1
2006	18.9	0.4	37.2	17.2	68.6
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
<b>HISPANIC OR LATINO</b>					
2002	57.6	2.5	116.6	77.0	172.8
2003	57.5	2.6	116.2	76.5	172.7
2004	59.2	2.3	120.1	79.7	177.4
2005	55.5	2.2	112.5	72.9	168.9
2006	56.0	1.9	117.3	72.7	188.1
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
<b>BLACK OR AFRICAN AMERICAN</b>					
2002	42.5	2.4	87.5	47.0	148.0
2003	45.4	**	94.9	59.8	147.5
2004	44.2	1.6	91.8	53.0	149.8
2005	43.5	1.6	89.0	51.6	144.8
2006	32.6	1.4	67.2	36.1	118.1
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
<b>AMERICAN INDIAN OR ALASKA NATIVE</b>					
2002	36.6	1.3	77.0	45.1	130.1
2003	39.9	2.5	82.9	52.0	134.2
2004	39.7	1.4	83.6	53.2	134.2
2005	40.8	1.5	85.8	55.0	137.0
2006	36.2	1.1	71.1	41.5	119.8
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
<b>ASIAN OR PACIFIC ISLANDER</b>					
2002	19.1	**	35.7	14.6	61.6
2003	19.2	**	35.5	22.0	52.1
2004	19.3	**	36.2	20.2	55.0
2005	16.2	**	30.4	16.2	47.6
2006	12.9	**	25.7	13.0	45.0
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

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, 2002-2012**

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>10-14 years old</b>											
<b>Diagnosed with:</b>											
<b>Gonorrhea</b>	22	31	36	40	40	32	19	26	22	27	21
<b>Chlamydia</b>	191	169	188	210	224	278	249	224	223	208	197
<b>Early syphilis</b>	0	0	0	0	0	*	*	0	0	0	0
<b>Total reported infections</b>	213	200	224	250	264	310 <sup>†</sup>	270 <sup>+</sup>	250	245	235	218
<b>15-19 years old</b>											
<b>Diagnosed with:</b>											
<b>Gonorrhea</b>	469	503	538	721	804	709	468	453	529	691	813
<b>Chlamydia</b>	4,024	3,475	4,400	5,451	6,188	6,600	6,595	6,771	6,666	7,073	6,882
<b>Early syphilis</b>	23	25	19	13	16	25	8	6	10	8	6
<b>Total reported infections</b>	4,516	4,003	4,957	6,185	7,008	7,334	7,071	7,230	7,205	7,772	7,701

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); Information about females who gave birth while infected with genital herpes is collected on birth certificates.

**TABLE 16  
TRENDS IN THE INCIDENCE RATES<sup>a</sup> OF SEXUALLY TRANSMITTED INFECTIONS BY AGE GROUP AND YEAR AMONG  
FEMALES 10-19 YEARS, ARIZONA, 2002-2012**

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>10-14 years old</b>											
<b>Diagnosed with:</b>											
<b>Gonorrhea</b>	11.2	15.4	17.2	18.5	17.9	14.4	8.4	11.4	10.0	12.3	9.4
<b>Chlamydia</b>	97.5	83.7	90.1	97.1	100.3	125.1	110.3	98.3	101.5	94.7	88.5
<b>Early syphilis</b>	0.0	0.0	0.0	0.0	0.0	**	**	0.0	0.0	0.0	0.0
<b>Total reported infections</b>	108.7	99.1	107.3	124.6	118.2	140.0	119.1	109.7	111.5	107.0	97.9
<b>15-19 years old</b>											
<b>Diagnosed with:</b>											
<b>Gonorrhea</b>	248.2	259.3	267.7	346.5	376.2	329.6	214.1	205.4	253.8	308.1	374.7
<b>Chlamydia</b>	2,129.1	1,791.2	2,189.1	2,619.4	2,895.7	3,068.6	3,017.7	3,070.0	2,971.9	3,153.3	3,171.8
<b>Early syphilis</b>	12.2	12.9	9.5	6.2	7.5	11.6	3.7	2.7	4.5	3.6	2.8
<b>Total reported infections</b>	2389.5	2063.4	2466.3	2972.1	3279.4	3409.9	3235.5	3278.1	3230.2	3465.0	3549.3

Notes: \*\* Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; <sup>a</sup> 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, 2012**

County of residence	NUMBER OF PREGNANCIES <sup>a</sup>				
	All 19 years or younger	10-14 years	15-19 years		
			Total 15-19 years	15-17 years	18-19 years
Apache	140†	*	134	38	96
Cochise	200†	*	192	56	136
Coconino	200†	*	194	53	141
Gila	90†	*	91	28	63
Graham	80†	*	79	25	54
Greenlee	12	0	10†	*	8
La Paz	25	0	25	7	18
Maricopa	5,676	69	5,607	1,707	3,900
Mohave	220†	*	222	57	165
Navajo	260†	*	252	69	183
Pima	1,402	11	1,391	385	1,006
Pinal	533	9	524	143	381
Santa Cruz	120†	*	114	48	66
Yavapai	210†	*	209	64	145
Yuma	459	7	452	151	301
<b>TOTAL STATE</b>	<b>9,710</b>	<b>120†</b>	<b>9,594</b>	<b>2,860†</b>	<b>6,734</b>

County of residence	PREGNANCY RATES <sup>b</sup>				
	All 19 years or younger	10-14 years	15-19 years		
			Total 15-19 years	15-17 years	18-19 years
Apache	21.6	**	43.0	19.9	79.6
Cochise	24.0	**	45.1	21.9	80.2
Coconino	18.0	**	29.1	21.7	33.4
Gila	29.9	**	58.0	28.8	105.8
Graham	29.2	**	58.5	31.9	95.2
Greenlee	18.9	0.0	39.5	**	64.7
La Paz	25.3	0.0	51.1	24.6	87.7
Maricopa	20.7	0.5	41.0	21.2	69.3
Mohave	19.2	**	37.8	16.3	69.6
Navajo	29.8	**	59.6	26.1	115.7
Pima	21.4	0.4	40.2	20.9	61.9
Pinal	20.6	0.7	43.4	19.3	82.2
Santa Cruz	29.0	**	58.8	37.9	97.9
Yavapai	18.7	**	35.7	17.8	64.6
Yuma	29.0	0.9	55.2	31.1	90.1
<b>TOTAL STATE</b>	<b>21.6</b>	<b>0.5</b>	<b>42.2</b>	<b>21.8</b>	<b>70.2</b>

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; <sup>a</sup> The sum of live births, fetal deaths and abortions; <sup>b</sup> 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, 2012**

County of residence	NUMBER OF BIRTHS				
	All 19 years or younger	10-14 years	15-19 years		
			Total 15-19 years	15-17 years	18-19 years
Apache	130†	*	133	37	96
Cochise	170†	*	169	48	121
Coconino	180†	*	173	45	128
Gila	90†	*	84	24	60
Graham	73	0	73	25	48
Greenlee	9	0	9	*	6
Maricopa	4,698	38	4,660	1,445	3,215
Mohave	220†	*	214	55	159
Navajo	250†	*	243	67	176
Pima	1,103	7	1,096	312	784
Pinal	460†	*	450	121	329
Santa Cruz	110†	*	109	45	64
Yavapai	178	0	178	52	126
Yuma	441	6	435	145	290
La Paz	24	0	24	6	18
<b>TOTAL STATE</b>	<b>8,117</b>	<b>70†</b>	<b>8,050</b>	<b>2,430†</b>	<b>5,620</b>
County of residence	BIRTH RATES <sup>a</sup>				
	All 19 years or younger	10-14 years	15-19 years		
			Total 15-19 years	15-17 years	18-19 years
Apache	21.4	**	42.7	19.4	79.6
Cochise	21.1	**	39.7	18.7	71.4
Coconino	16.1	**	26.0	18.4	30.3
Gila	27.7	**	53.6	24.7	100.8
Graham	26.3	0.0	54.1	31.9	84.6
Greenlee	14.2	0.0	29.6	**	48.5
Maricopa	17.1	0.3	34.0	17.9	57.2
Mohave	18.5	**	36.5	15.7	67.0
Navajo	28.5	**	57.4	25.3	111.2
Pima	16.9	0.2	31.6	17.0	48.2
Pinal	17.6	**	37.3	16.3	70.9
Santa Cruz	27.7	**	56.2	35.6	94.9
Yavapai	15.7	0.0	30.4	14.4	56.1
Yuma	27.8	0.8	53.1	29.9	86.8
La Paz	24.3	0.0	49.0	21.1	87.7
<b>TOTAL STATE</b>	<b>18.0</b>	<b>0.3</b>	<b>35.4</b>	<b>18.5</b>	<b>58.6</b>

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; <sup>a</sup> The number of births per 1,000 females in specified group.

**TABLE 19  
PREGNANCY RATES<sup>a</sup> AND NUMBER OF LIVE BIRTHS, FETAL DEATHS, AND  
ABORTIONS TO TEENS BY INDIVIDUAL AGE, ARIZONA, 2012**

Age	Population	PREGNANCIES BY OUTCOME			TOTAL PREGNANCIES	
		Live births	Induced terminations of pregnancy (or abortions)	Spontaneous fetal losses	Number	Rate
<b>10</b>	43,940	0	0	0	0	<b>0.0</b>
<b>11</b>	45,879	0	0	0	0	<b>0.0</b>
<b>12</b>	45,321	*	*	0	*	<b>**</b>
<b>13</b>	44,037	*	6	0	8	<b>0.2</b>
<b>14</b>	43,510	61	41	*	103	<b>2.4</b>
<b>10-14</b>	222,686	67	48	*	116	<b>0.5</b>
<b>15</b>	43,877	293	53	*	348	<b>7.9</b>
<b>16</b>	43,703	774	157	*	932	<b>21.3</b>
<b>17</b>	43,849	1,363	204	13	1,580	<b>36.0</b>
<b>15-17</b>	131,429	2,430	414	16	2,860	<b>21.8</b>
<b>18</b>	47,195	2,281	417	17	2,715	<b>57.5</b>
<b>19</b>	48,771	3,339	660	20	4,019	<b>82.4</b>
<b>18-19</b>	95,966	5,620	1,077	37	6,734	<b>70.2</b>
<b>Total 10-19</b>	450,081	8,117	1,539	50 <sup>†</sup>	9,710	<b>21.6</b>

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; <sup>†</sup> Sum rounded to nearest tens unit due to non-zero addend less than 6; <sup>a</sup> Rates per 1,000 female population in specific group.

**TABLE 20  
BIRTHS TO FEMALES 19 OR YOUNGER BY AGE AND COUNTY OF RESIDENCE,  
ARIZONA, 2012**

	Total	Mother's age							
		12	13	14	15	16	17	18	19
<b>TOTAL</b>	8,120†	0†	0†	60†	290†	770†	1,360†	2,280†	3,340†
<b>Apache</b>	130†	0	0	*	6	8	23	47	49
<b>Cochise</b>	170†	0	0	*	8	18	22	51	70
<b>Coconino</b>	180†	0	0	*	7	17	21	56	72
<b>Gila</b>	90†	0	0	*	*	*	16	19	41
<b>Graham</b>	70†	0	0	0	*	*	16	29	19
<b>Geenlee</b>	10†	0	0	0	0	*	*	*	*
<b>La Paz</b>	20†	0	0	0	*	*	*	8	10
<b>Maricopa</b>	4,700†	*	0	34	182	469	794	1,320	1,895
<b>Mohave</b>	220†	0	*	0	*	19	32	63	96
<b>Navajo</b>	250†	0	0	*	11	19	37	70	106
<b>Pima</b>	1,103	0	0	7	33	102	177	292	492
<b>Pinal</b>	460†	0	0	*	15	33	73	131	198
<b>Santa Cruz</b>	110†	0	0	*	*	11	31	27	37
<b>Yavapai</b>	180†	0	0	0	*	10	40	53	73
<b>Yuma</b>	440†	0	*	*	13	56	76	111	179

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, 2012**

	<b>Total</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>
<b>TOTAL</b>	1,540†	0†	10†	40†	50†	160†	200†	420†	660†
<b>Apache</b>	0†	0	0	0	0	*	0	0	0
<b>Cochise</b>	20†	0	*	0	*	*	*	*	13
<b>Coconino</b>	20†	0	0	0	*	0	6	*	8
<b>Gila</b>	10†	0	0	0	*	*	*	*	*
<b>Graham</b>	10†	0	*	*	0	0	0	*	*
<b>Greenlee</b>	0†	0	0	0	0	0	*	0	*
<b>La Paz</b>	0†	0	0	0	0	*	0	0	0
<b>Maricopa</b>	950†	*	*	26	34	97	123	256	409
<b>Mohave</b>	10†	0	0	0	0	0	0	*	*
<b>Navajo</b>	10†	0	0	*	0	*	0	*	*
<b>Pima</b>	290†	0	*	*	10	25	37	70	146
<b>Pinal</b>	70†	0	0	*	*	8	10	23	27
<b>Santa Cruz</b>	10†	0	0	0	0	*	*	*	*
<b>Yavapai</b>	30†	0	0	*	*	6	*	13	*
<b>Yuma</b>	20†	0	0	*	0	*	*	*	*
<b>Unknown</b>	100†	0	0	*	*	11	12	35	36

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, 2012**

	<b>Total</b>	<b>AHCCCS</b>	<b>IHS</b>	<b>Private insurance</b>	<b>Self</b>	<b>Unknown</b>
<b>TOTAL</b>	8,117	6,765	230†	890†	210†	20†
<b>Apache</b>	130†	86	38	*	*	*
<b>Cochise</b>	170†	136	0	30	*	0
<b>Coconino</b>	180†	119	49	6	*	0
<b>Gila</b>	90†	51	26	7	*	0
<b>Graham</b>	73	50	14	9	0	0
<b>Greenlee</b>	10†	6	0	*	0	0
<b>La Paz</b>	20†	19	*	0	0	0
<b>Maricopa</b>	4,698	4,038	34	525	92	9
<b>Mohave</b>	215	169	0	35	11	0
<b>Navajo</b>	250†	191	33	16	*	*
<b>Pima</b>	1,103	911	13	146	32	*
<b>Pinal</b>	455	367	17	58	13	0
<b>Santa Cruz</b>	111	92	0	6	12	*
<b>Yavapai</b>	180†	154	0	20	*	0
<b>Yuma</b>	440†	376	*	28	35	*

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, 2012**

		Total	Mother's age group			
			<15	15-17	18-19	
<b>Total</b>	<b>Count</b>	8,117	70†	2,430†	5,620	
<b>Payee for births</b>	<b>AHCCCS</b>	<b>Count</b>	6,765	57	2,040	4,668
		<b>Percent</b>	83.3	85.1	84.0	83.1
	<b>IHS</b>	<b>Count</b>	230†	*	70	159
		<b>Percent</b>	2.8	**	2.9	2.8
	<b>Private insurance</b>	<b>Count</b>	894	8	242	644
		<b>Percent</b>	11.0	11.9	10.0	11.5
	<b>Self</b>	<b>Count</b>	210†	*	75	135
		<b>Percent</b>	2.6	**	3.1	2.4
	<b>Unknown</b>	<b>Count</b>	20†	0	*	14
		<b>Percent</b>	0.2	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, 2012**

		Total	Mother's age group			
			<15	15-17	18-19	
<b>Total</b>	<b>Count</b>	8,117	70†	2,430†	5,620	
<b>Total prior pregnancies</b>	<b>None</b>	<b>Count</b>	6,588	66	2,233	4,289
		<b>Percent</b>	81.2	98.5	91.9	76.3
	<b>1</b>	<b>Count</b>	1,325	0	176	1,149
		<b>Percent</b>	16.3	0.0	7.2	20.4
	<b>2</b>	<b>Count</b>	180†	*	18	163
		<b>Percent</b>	2.2	**	0.7	2.9
	<b>3</b>	<b>Count</b>	20†	0	*	14
		<b>Percent</b>	0.2	0.0	**	0.0
	<b>4 or more</b>	<b>Count</b>	0	0	0	0
		<b>Percent</b>	0.0	0.0	0.0	0.0
	<b>Unknown</b>	<b>Count</b>	10†	0	*	*
		<b>Percent</b>	0.1	0.0	**	**

**TABLE 25  
TEENAGE BIRTHS BY MARITAL STATUS AND AGE GROUP,  
ARIZONA, 2012**

		Total	Mother's age group			
			<15	15-17	18-19	
<b>Total</b>	<b>Count</b>	8,117	70†	2,430	5,620	
<b>Marital status</b>	<b>Married</b>	<b>Count</b>	840†	*	97	744
		<b>Percent</b>	10.4	**	4.0	13.2
	<b>Unmarried</b>	<b>Count</b>	7,268	66	2,333	4,869
		<b>Percent</b>	89.5	98.5	96.0	86.6
	<b>Other</b>	<b>Count</b>	7	0	0	7
		<b>Percent</b>	0.1	0.0	0.0	0.1

**TABLE 26  
TEENAGE BIRTHS BY MOTHER'S EDUCATION AND AGE GROUP  
ARIZONA, 2012**

		Total	Mother's age group			
			<15	15-17	18-19	
<b>Total</b>	<b>Count</b>	8,120†	70†	2,430†	5,620†	
<b>Mother's education</b>	<b>&lt; 8</b>	<b>Count</b>	129	11	45	73
		<b>Percent</b>	1.6	16.4	1.9	1.3
	<b>8</b>	<b>Count</b>	284	34	133	117
		<b>Percent</b>	3.5	50.7	5.5	2.1
	<b>9-11</b>	<b>Count</b>	3,611	20	1,846	1,745
		<b>Percent</b>	44.5	29.9	76.0	31.0
	<b>12</b>	<b>Count</b>	3,415	0	386	3,029
		<b>Percent</b>	42.1	0.0	15.9	53.9
	<b>13-16</b>	<b>Count</b>	646	0	15	631
		<b>Percent</b>	8.0	0.0	0.6	11.2
	<b>17+</b>	<b>Count</b>	0†	0	0	*
		<b>Percent</b>	**	0.0	0.0	**
	<b>Unknown</b>	<b>Count</b>	30†	*	*	21
		<b>Percent</b>	0.3	**	**	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, 2012**

		Total	Mother's age group			
			<15	15-17	18-19	
<b>Total</b>	<b>Count</b>	8,117	67	2,430 <sup>†</sup>	5,620	
<b>Prenatal care</b>	<b>No care</b>	<b>Count</b>	185	0	68	117
		<b>Percent</b>	2.3	0.0	2.8	2.1
	<b>1st trimester</b>	<b>Count</b>	5,734	33	1,594	4,107
		<b>Percent</b>	70.6	49.3	65.6	73.1
	<b>2nd trimester</b>	<b>Count</b>	1,684	25	592	1,067
		<b>Percent</b>	20.7	37.3	24.4	19.0
	<b>3rd trimester</b>	<b>Count</b>	498	9	174	315
		<b>Percent</b>	6.1	13.4	7.2	5.6
	<b>Unknown</b>	<b>Count</b>	20 <sup>†</sup>	0	*	14
		<b>Percent</b>	0.2	0.0	**	0.2

**TABLE 28  
TEENAGE BIRTHS BY NUMBER OF PRENATAL VISITS AND AGE GROUP,  
ARIZONA, 2012**

		Total	Mother's age group			
			<15	15-17	18-19	
<b>Total</b>	<b>Count</b>	8,117	67	2,430	5,620	
<b>Prenatal visits</b>	<b>No visits</b>	<b>Count</b>	185	0	68	117
		<b>Percent</b>	2.3	0.0	2.8	2.1
	<b>1-4 visits</b>	<b>Count</b>	480	8	154	318
		<b>Percent</b>	5.9	11.9	6.3	5.7
	<b>5-8 visits</b>	<b>Count</b>	1,651	23	539	1,089
		<b>Percent</b>	20.3	34.3	22.2	19.4
	<b>9-12 visits</b>	<b>Count</b>	3,792	20	1,128	2,644
		<b>Percent</b>	46.7	29.9	46.4	47.0
	<b>13+ visits</b>	<b>Count</b>	1,990	16	535	1,439
		<b>Percent</b>	24.5	23.9	22.0	25.6
	<b>Unknown</b>	<b>Count</b>	19	0	6	13
		<b>Percent</b>	0.2	0.0	0.2	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; <sup>†</sup> Sum rounded to nearest tens unit due to non-zero addend less than 6.

**TABLE 29  
TOBACCO AND/OR ALCOHOL USE DURING PREGNANCY AMONG FEMALES  
19 OR YOUNGER BY AGE GROUP, ARIZONA, 2012**

		Total	Mother's age group			
			<15	15-17	18-19	
<b>Total</b>	<b>Count</b>	8,117	67	2,430 <sup>†</sup>	5,620 <sup>†</sup>	
<b>Substance use</b>	<b>Drinker, nonsmoker</b>	<b>Count</b>	10 <sup>†</sup>	0	*	7
		<b>Percent</b>	0.1	0.0	**	0.1
	<b>Smoker, nondrinker</b>	<b>Count</b>	293	0	52	241
		<b>Percent</b>	3.6	0.0	2.1	4.3
	<b>Smoker and drinker</b>	<b>Count</b>	10 <sup>†</sup>	0	*	*
		<b>Percent</b>	0.1	0.0	**	**
	<b>Nonsmoker and nondrinker</b>	<b>Count</b>	7,803	67	2,369	5,367
		<b>Percent</b>	96.1	100.0	97.5	95.5

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; <sup>†</sup> 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, 2012**

	Mother's age group											
	<15					15-17					18-19	
	Total births	LBW births		Total births	LBW births		Total births	LBW births		Total births	LBW births	
		Count	Percent		Count	Percent		Count	Percent		Count	Percent
<b>Race/ethnicity</b>												
White non-Hispanic	8	0	0.0	475	43	9.1	1,494	120	8.0			
Hispanic or Latino	46	*	**	1,528	128	8.4	3,053	209	6.8			
Black or African American	5	*	**	159	12	7.5	380	43	11.3			
American Indian or Alaska Native	7	*	**	251	22	8.8	632	44	7.0			
Asian	1	0	0.0	17	*	**	61	11	18.0			
<b>Substance use</b>												
Drinker, nonsmoker	0	0	0.0	4	*	**	7	0	0.0			
Smoker, nondrinker	0	0	0.0	52	8	15.4	241	35	14.5			
Smoker and drinker	0	0	0.0	5	*	**	5	*	**			
Nonsmoker and nondrinker	67	*	**	2,369	196	8.3	5,367	391	7.3			
<b>Payee for births</b>												
AHCCCS	57	*	**	2,040	174	8.5	4,668	355	7.6			
IHS	1	0	0.0	70	*	**	159	11	6.9			
Private insurance	8	0	0.0	242	21	8.7	644	46	7.1			
Self	1	0	0.0	75	9	12.0	135	12	8.9			
Unknown	0	0	0.0	3	0	0.0	14	*	**			
<b>Length of gestation</b>												
36 weeks or less	6	*	**	251	154	61.4	516	301	58.3			
37 weeks or more	61	*	**	2,178	53	2.4	5,102	126	2.5			
Unknown	0	0	0.0	1	0	0.0	2	0	0.0			
<b>Prenatal visits</b>												
Less than 5	8	*	**	222	45	20.3	435	83	19.1			
5 or more	59	*	**	2,202	160	7.3	5,172	342	6.6			
Unknown	0	0	0.0	6	*	**	13	*	**			

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, 2012**

	POPULATION				
	All 19 years or younger	10-14 years	15-19 years	15-17 years	18-19 years
<b>All groups</b>	450,081	222,686	227,395	131,429	95,966
<b>White non-Hispanic</b>	208,554	100,559	107,995	60,937	47,058
<b>Hispanic or Latino</b>	181,395	92,755	88,639	52,855	35,784
<b>Black or African American</b>	21,485	10,364	11,120	6,343	4,778
<b>American Indian or Alaska Native</b>	26,848	13,174	13,674	7,887	5,788
<b>Asian or Pacific Islander</b>	11,799	5,833	5,966	3,408	2,558

Note: The 2012 population denominators are population estimates. For more information visit:

<http://www.azdhs.gov/plan//menu/info/pd.htm>

	NUMBER OF PREGNANCIES				
	All 19 years or younger	10-14 years	15-19 years	15-17 years	18-19 years
<b>All groups</b>	9,710	120†	9,594	2,860	6,734
<b>White non-Hispanic</b>	2,239	15	2,224	549	1,675
<b>Hispanic or Latino</b>	5,085	58	5,027	1,670	3,357
<b>Black or African American</b>	562	8	554	166	388
<b>American Indian or Alaska Native</b>	902	7	895	254	641
<b>Asian or Pacific Islander</b>	90†	*	87	19	68

	PREGNANCY RATES PER 1,000 FEMALES				
	All 19 years or younger	10-14 years	15-19 years	15-17 years	18-19 years
<b>All groups</b>	21.6	0.5	42.2	21.8	70.2
<b>White non-Hispanic</b>	10.7	0.1	20.6	9.0	35.6
<b>Hispanic or Latino</b>	28.0	0.6	56.7	31.6	93.8
<b>Black or African American</b>	26.2	0.8	49.8	26.2	81.2
<b>American Indian or Alaska Native</b>	33.6	0.5	65.5	32.2	110.7
<b>Asian or Pacific Islander</b>	7.5	**	14.6	5.6	26.6

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, 2012**

	All 19 years or younger	10-14 years	15-19 years		
			15-19 years	15-17 years	18-19 years
<b>ARIZONA</b>	450,081	222,686	227,395	131,429	95,966
<b>Apache</b>	6,251	3,136	3,115	1,909	1,207
<b>Cochise</b>	8,113	3,857	4,256	2,560	1,696
<b>Coconino</b>	10,878	4,211	6,666	2,441	4,225
<b>Gila</b>	3,073	1,505	1,568	973	595
<b>Graham</b>	2,777	1,426	1,350	783	567
<b>Greenlee</b>	636	332	304	180	124
<b>La Paz</b>	987	498	490	284	205
<b>Maricopa</b>	274,631	137,755	136,876	80,630	56,246
<b>Mohave</b>	11,604	5,736	5,868	3,496	2,372
<b>Navajo</b>	8,602	4,372	4,230	2,648	1,582
<b>Pima</b>	65,456	30,824	34,632	18,383	16,249
<b>Pinal</b>	25,869	13,808	12,061	7,424	4,638
<b>Santa Cruz</b>	4,005	2,065	1,940	1,266	674
<b>Yavapai</b>	11,355	5,507	5,848	3,602	2,245
<b>Yuma</b>	15,847	7,655	8,192	4,851	3,341

Note: The 2012 population denominators are population estimates. Totals may not equal sum of parts due to rounding. Cells contain non-rounded values. For more information visit:

<http://www.azdhs.gov/plan/menu/info/pd.htm>

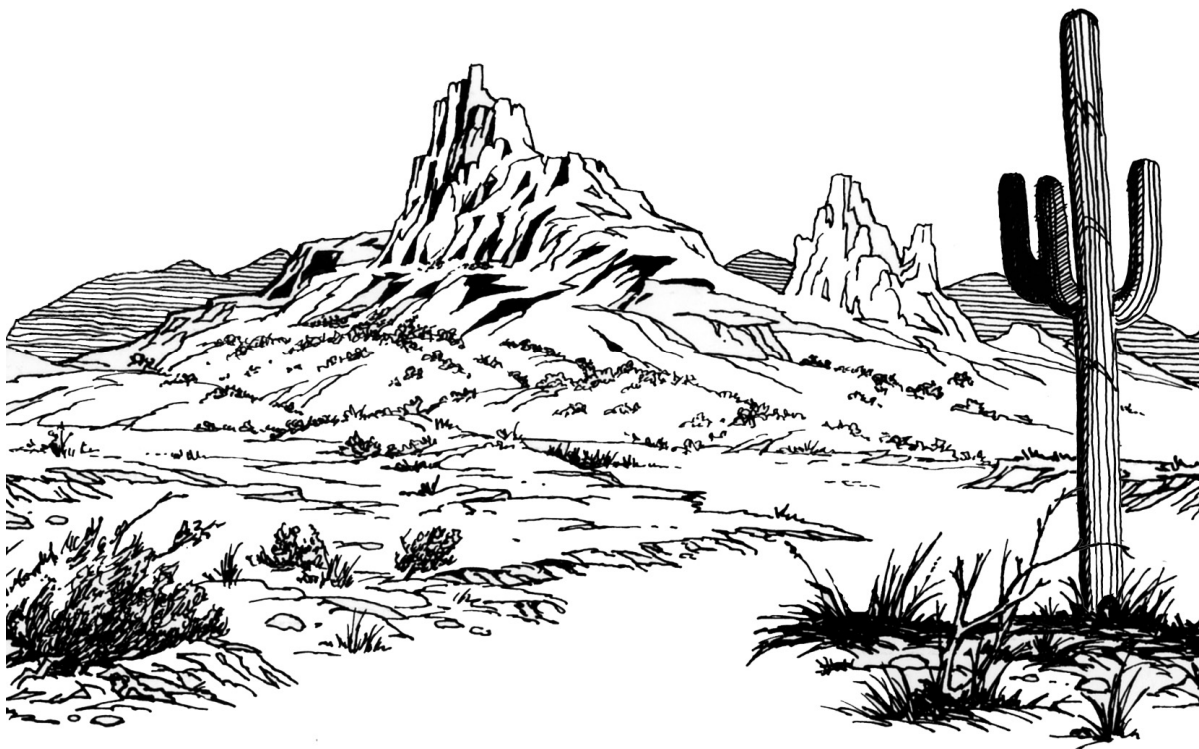


**APPENDIX  
HOW TO COMPUTE THE RATES OF FIRST AND REPEAT CHILDBEARING**

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Comments
A. The number of females 15-19 years old	188,780	194,127	200,676	208,105	213,698	215,079	218,545	220,555	224,302	225,857	227,395	Genus enumerations for 2010; population estimates for 2002-2012.
B. The number of births to females 15-19 years old	11,268	11,489	11,676	11,748	12,746	12,792	12,000	10,820	9,311	8,334	8,050	Based on the birth database.
C. The rate of births (B/A)*1,000	<b>59.7</b>	<b>59.2</b>	<b>58.2</b>	<b>56.5</b>	<b>59.6</b>	<b>59.4</b>	<b>54.9</b>	<b>49.1</b>	<b>41.5</b>	<b>36.9</b>	<b>35.4</b>	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	25,433	25,346	25,568	25,761	26,916	27,486	26,958	25,352	25,892	19,816	17,929	Mothers who gave birth when 15-19 years old. As an example, the 2012 cohort of mothers who were 15-19 years old includes 8,050 who gave birth that year and 34,226 who gave birth prior to 2012 and were still 15-19 years old in 2012 (Table 13).
E. The number of females 15-19 years old who had a birth previously (D-B)	14,165	13,857	13,892	14,013	14,170	14,694	14,958	14,532	16,581	11,482	9,879	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	2,533	2,567	2,590	2,488	2,864	2,800	2,658	2,252	1,898	1,639	1,520	Table 1B-24 in "Arizona Health Status and Vital Statistics" annual report.
G. The rate of repeat childbearing (F/E)*1,000	<b>178.8</b>	<b>185.2</b>	<b>186.4</b>	<b>177.5</b>	<b>202.1</b>	<b>190.6</b>	<b>177.7</b>	<b>155.0</b>	<b>114.5</b>	<b>142.7</b>	<b>153.9</b>	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)	174,615	180,270	186,784	194,092	199,528	200,385	203,587	206,023	207,721	214,375	217,516	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	8,699	8,922	9,071	9,259	9,880	9,992	9,342	8,568	7,409	6,683	6,522	Table 1B-24 in "Arizona Health Status and Vital Statistics" annual report.
J. The rate of first-time births (I/H)*1,000	<b>49.8</b>	<b>49.5</b>	<b>48.6</b>	<b>47.7</b>	<b>49.5</b>	<b>49.9</b>	<b>45.9</b>	<b>41.6</b>	<b>35.7</b>	<b>31.2</b>	<b>30.0</b>	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://www.azdhs.gov/plan> provides instantaneous access to a wide range of statistical information about 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 *Differences in the Health Status Among Race/Ethnic Groups*, *Advance Vital Statistics by County of Residence*, *Mortality from Alzheimer's Disease*, *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 for *mental disorders*, *asthma*, *diabetes*, *influenza and pneumonia*, and *substance abuse*, *Community Vital Statistics*, *Teenage Pregnancy*, *Selected Characteristics of Newborns and Mothers Giving Birth by Census Tract* in Maricopa County, Pima County and South Phoenix Area, *Health Status Profile of American Indians in Arizona*, *Deaths from Exposure to Excessive Natural Heat Occurring in Arizona*, *Obesity in Arizona: Prevalence, Hospital Care Utilization, Mortality, Marital Status, and Health*, *Heart Disease vs. Cancer: An Epidemiologic Transition in Mortality Risks*.



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