

TEENAGE PREGNANCY

Arizona, 2001-2011



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TEENAGE PREGNANCY, ARIZONA, 2001-2011

by

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June 2013

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PURPOSE

This report is the annual update of information about pregnancies among females under age 20. The data for 2011 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 2001-2009 and 2011 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 2011 Teenage Pregnancy report is the first report in this series to include cell suppression. 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 1-16 present annual numbers and rates of pregnancy, fertility, and abortion by year from 2001 to 2011 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 2001 to 2011. 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 2001 to 2011 in Table 12.

Table 14 presents teen pregnancy rates by race/ethnicity and age group by year from 2001 to 2011. Table 15 provides information about the incidence of sexually transmitted infections among females 10-14 and 15-19 years old in Arizona in 2001-2011. Table 16 shows the incidence rates by year from 2001 to 2011.

Frequency counts, proportions, and rates in Tables 17-32 all apply to the 2011 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 2011 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 2001-2011.

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 2001 – 2011 are available at this time.

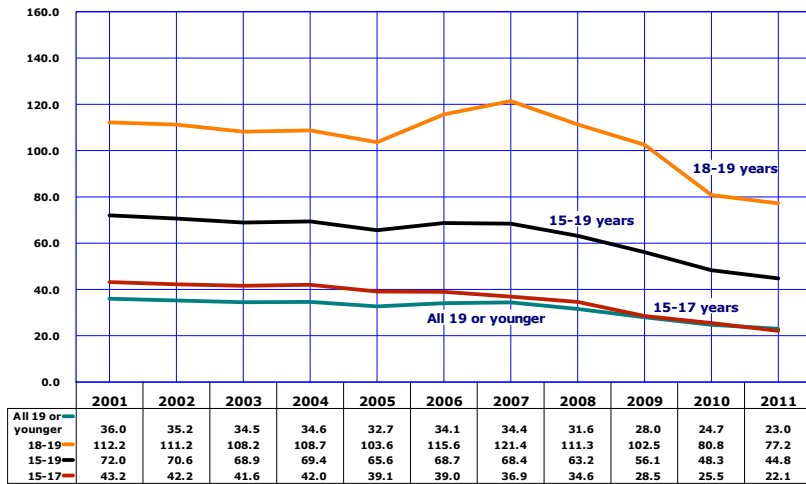
KEY FINDINGS

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 2011, the pregnancy rate of 23.0 pregnancies per 1,000 females 19 years or younger was 36.1 percent lower than the rate of 36.0 per 1,000 in 2001.**
- **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 by 40.1 percent from 43.2 per 1,000 in 2001 to 22.1 in 2011. The rate for older teenagers (aged 18-19 years) fell as well, by 36.4 percent from 121.4 per 1,000 in 2007 to 77.2 per 1,000 in 2011.**
- **The 2011 teen pregnancy rate of 23.0/1,000 was based on 10,269 pregnancies occurring among 447,155 females aged 10-19 years. The number of 10,269 teen pregnancies in 2011 was the lowest since 1984.**
- **From 2007 to 2011, the number of teen pregnancies declined particularly steeply for White non-Hispanic (41.7 percent), Hispanic or Latino (-38.0 percent), and Asian females (-30.5 percent).**
- **In 2011, Hispanic or Latino females accounted for 51.6 percent of all pregnancies in this age group, followed by White non-Hispanics (23.3 percent).**
- **In each year from 2001 to 2011, 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 2011, the Hispanic rate exceeded the average rate for all groups by 31.3 percent.**
- **If the 2011 "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 10,269 to approximately 4,069 ((9.1/1,000) * 447,155).**
- **The proportion of non-surgical abortions to females 19 years or younger decreased from 40.6 percent in 2010 to 33.8 percent in 2011.**
- **The first birth rate for childless teenagers has dropped 36.6 percent from 52.7 first-time births per 1,000 females 15-19 years old in 2001 to 33.4 per 1,000 in 2011.**
- **The repeat birth rates for teenagers who had already had a child decreased by 65.2 percent from 183.1 in 2001 to 63.8 per 1,000 females 15-19 years old in 2011 who had a previous birth.**
- **Unwed mothers have accounted for an increasing annual proportion of births throughout the 1990s and 2000s. In 2011, nonmarital births accounted for 89.1 percent of births to mothers 19 years or younger.**
- **The total number of births to mothers 19 years or younger decreased by 28.5 percent from 11,790 in 2001 to 8,435 in 2011. 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 73.7 percent in 2001 to 83.6 percent in 2011.**

* Available at www.guttmacher.org/pubs/USTrends.pdf

Figure 1
Pregnancy Rates by Age Group and Year among Females 19 or Younger, Arizona, 2001-2011

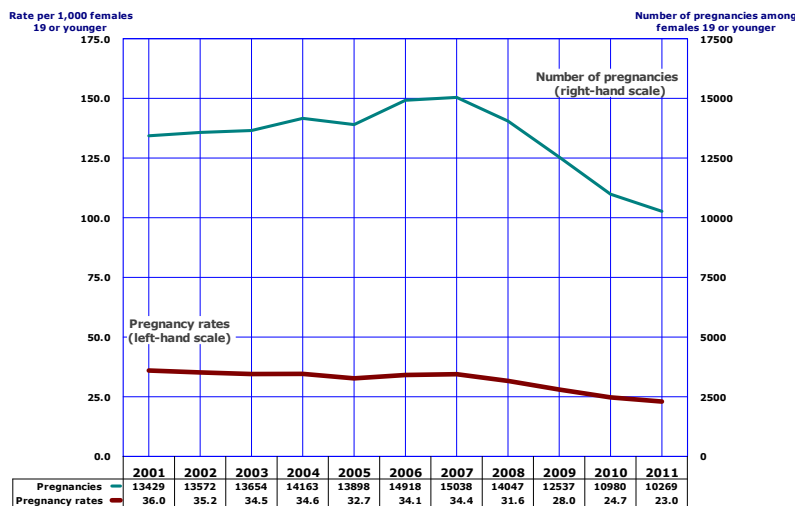


Note: All rates are per 1,000 females in specified group.

Teenage pregnancy rates dropped 36.1 percent overall from 2001 to 2011. (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 47.0 percent from 43.2 per 1,000 in 2001 to 22.1 in 2011. The rate for older teenagers (aged 18-19 years) fell as well, by 31.2 percent beginning in 2001, from 112.2 to 77.2.

Two of the three components of the pregnancy rates for teenagers 19 years old or younger (births and fetal losses) declined from 2007 to 2010, though the abortion rate increased from 2010 to 2011 (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, 2001-2011



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 2002 - 2005 were lower than the 2001 rate of 36.0 /1,000. In contrast, the number of pregnancies increased from 13,429 in 2001 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).

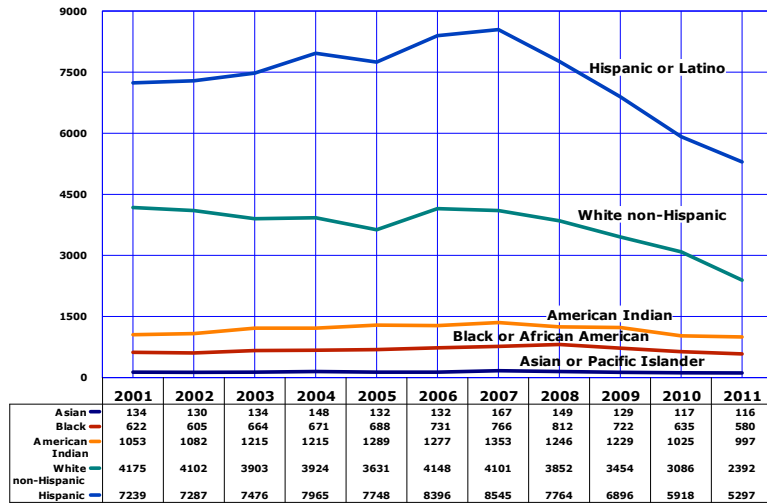
The 2011 teen pregnancy rate of 23.0/1,000 was based on 10,269 pregnancies occurring among 447,155 females aged 10-19 years. The number of 10,269 teen pregnancies in 2011 was the lowest since 1984.

KEY FINDINGS

Figure 3
Trends in the Number of Pregnancies* by Race/Ethnicity among Females 19 or Younger, Arizona, 2001-2011

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 2001-2011). In 2011, Hispanic or Latino females accounted for 51.6 percent of all pregnancies in this age group, followed by White non-Hispanics (23.3 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 2011 (16.5 percent) than they did in 2001 (13.5 percent).

From 2007 to 2011, the number of teen pregnancies declined particularly steeply for White non-Hispanic (41.7 percent), Hispanic or Latino (-38.0 percent), and Asian females (-30.5 percent).



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

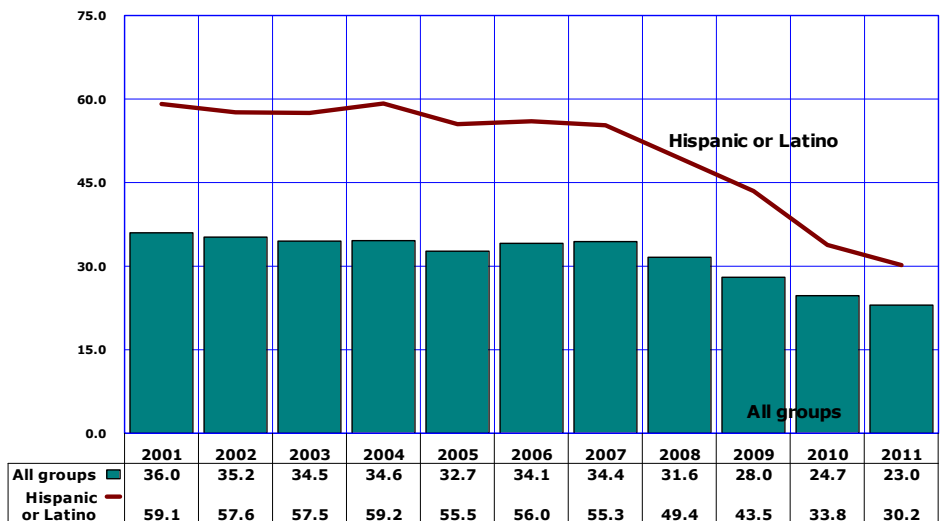
Figure 4
Comparison of Pregnancy Rates by Year among Hispanic or Latinos and all Females 19 or Younger, Arizona, 2001-2011

The teen pregnancy rates for all race and ethnic groups were lower in 2011 than in 2001 (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 2001-2011.

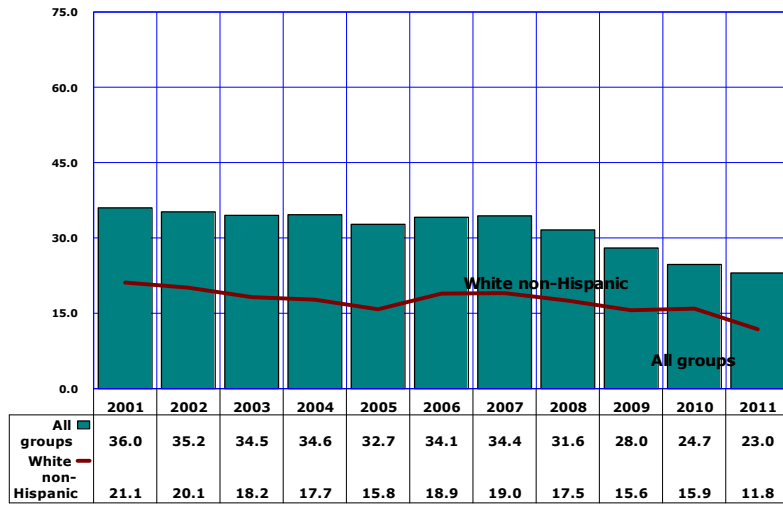
From 2001 to 2011, the teenage pregnancy rate for Hispanic or Latino women declined nearly 50 percent (48.9 percent), with the majority of the decline occurring between 2007 and 2011 (Figure 4).

In each year from 2001 to 2011, 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 2011, the Hispanic rate exceeded the average rate for all groups by 31.3 percent.



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

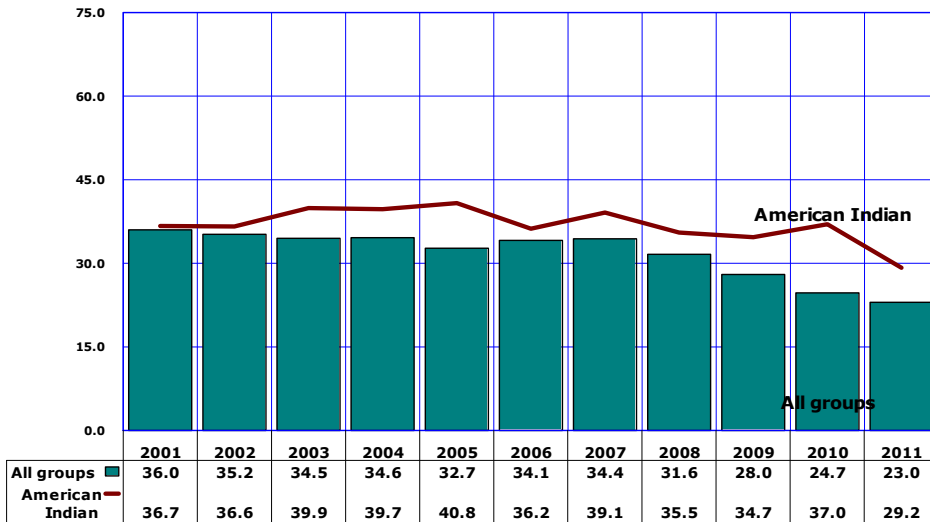
Figure 5
Comparison of Pregnancy Rates by Year among White non-Hispanics
and all Females 19 or Younger, Arizona, 2001-2011



The pregnancy rate for White non-Hispanics has substantially declined from 2001 to 2011 (44.1 percent), save for an increase from 2005 to 2007 (**Figure 5**). In each year from 2001 to 2011, 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, 2001-2011



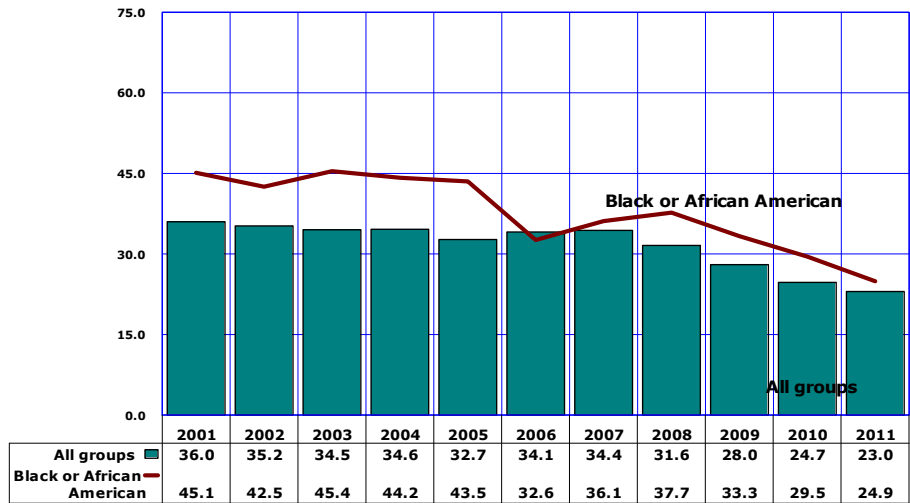
Pregnancies to American Indian females 19 years or younger varied somewhat erratically from 2001 to 2010, but from 2010 to 2011, the pregnancy rate of teenage American Indian mothers decreased 21.1 percent, the greatest single year decline observed from 2001 to 2011 (**Figure 6**). The American Indian rates were higher than the average for all groups in 2001-2011.

Note: All rates are 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, 2001-2011

The pregnancy rates for Black or African American females 19 years or younger decreased from 45.1/1,000 in 2001 to 24.9/1,000 in 2011 (**Figure 7**). Except for 2006, the pregnancy rates for Black or African American teenagers exceeded the pregnancy rate for all groups.

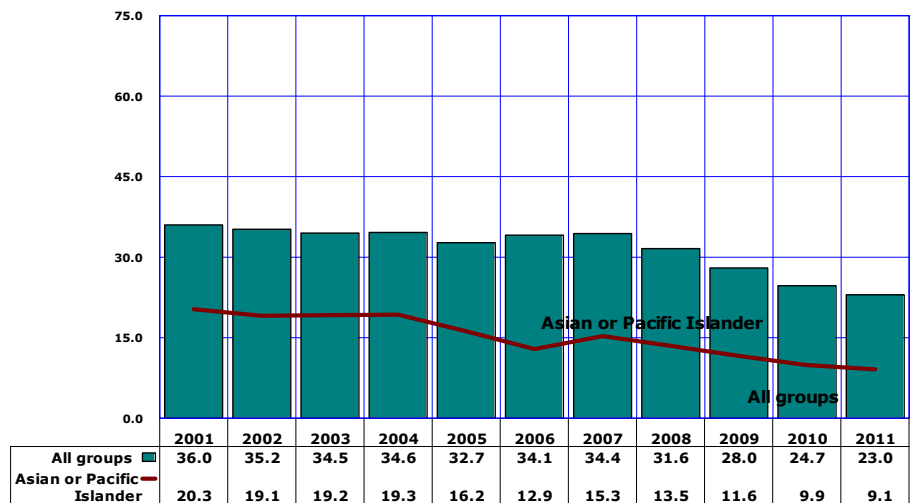


Note: All rates are per 1,000 females in specified group.

Figure 8
Comparison of Pregnancy Rates by Year among Asian or Pacific Islanders and all Females 19 or Younger, Arizona, 2001-2011

In each year from 2001 to 2011, 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 2011, the Asian rate (9.1/1,000) was 60.4 percent lower than the rate for all groups (23.0/1,000).

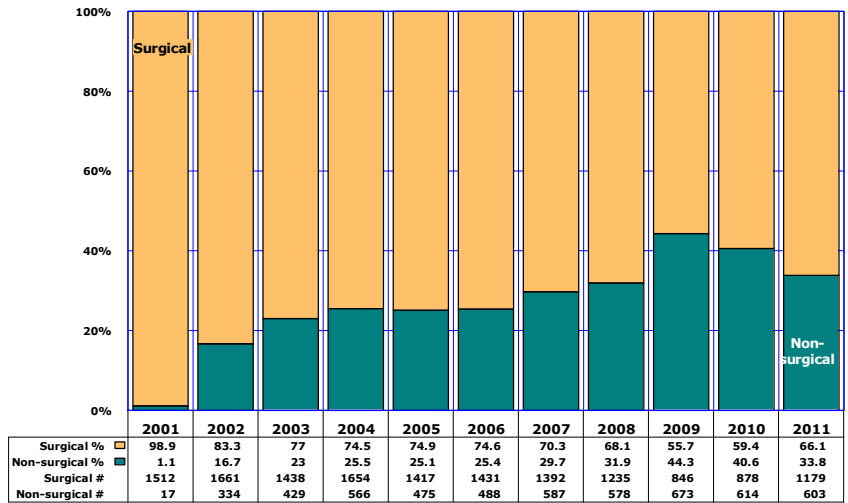
If the 2011 "risk for pregnancy" of Asian teens (i.e., their pregnancy rate) applied to all Arizona females 19 years or younger, the number of teen pregnancies in the State would have been reduced from 10,269 to approximately 4,069 ((9.1/1,000) * 447,155).



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

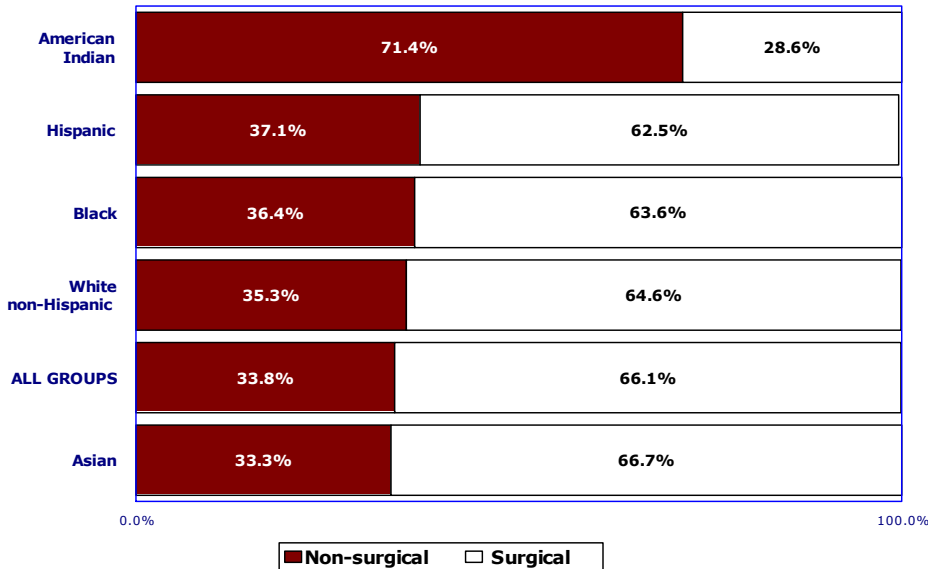
KEY FINDINGS

Figure 9
Proportional Contribution of Surgical and Non-Surgical Abortions
by Year among Females 19 or Younger, Arizona, 2001-2011



The proportion of non-surgical abortions to females 19 years or younger decreased from 44.3 percent in 2009 to 33.8 percent in 2011, indicating the proportion of surgical abortions increased 10.4 percent over that period (Figure 9).

Figure 10
Proportional Contribution of Non-Surgical and Surgical Abortions by
Race/Ethnicity among Females 19 or Younger, Arizona, 2011



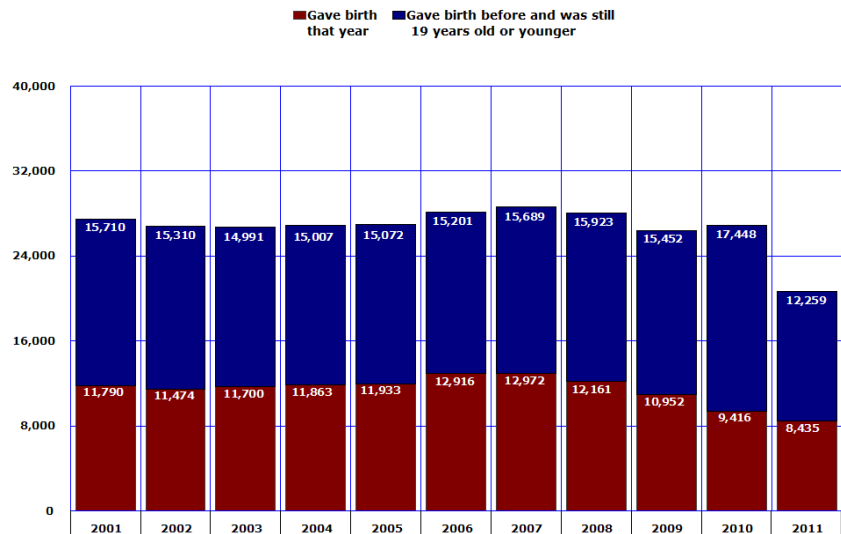
Among American Indian, Hispanic or Latino, Black, and White non-Hispanic teens, the proportion of non-surgical abortions exceeded the average for all groups (Figure 10). The ratio of reported non-surgical abortions among Asian females was the lowest among all ethnic groups.

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

KEY FINDINGS

Figure 11
Cumulative Number of Mothers who were 19 or Younger in Arizona by Year, 2001-2011

There were approximately 20,694 mothers under age 20 in Arizona in 2011, the lowest number since 2001. Among them there were the 8,435 who gave birth in 2011 and the 12,259 who gave birth prior to 2011 and were still 19 years old or younger (Figure 11, Table 13). The cumulative number of mothers who were 19 years or younger in Arizona decreased by 23.0 percent from 26,864 in 2010.

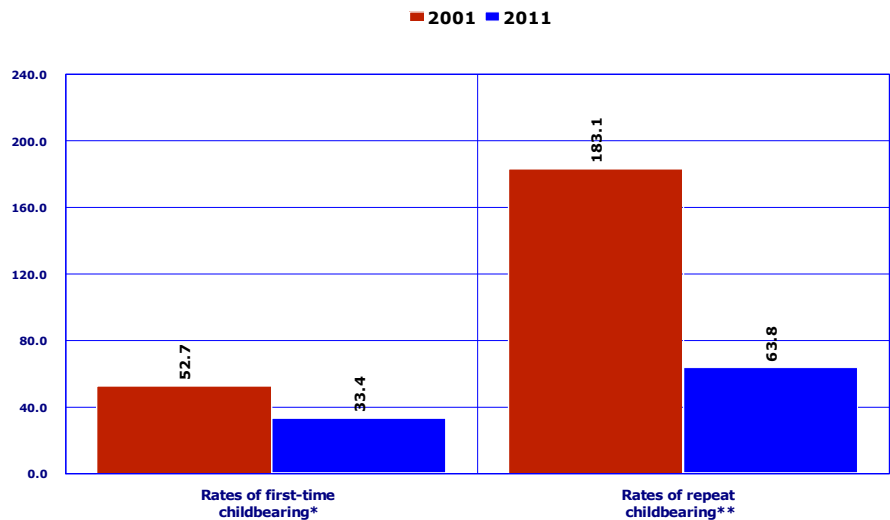


*See Table 13 for more details.

Figure 12
Rates of First and Repeat Births to Females 15-19 Years, Arizona, 2001 and 2011

The first birth rate for childless teenagers has dropped 36.6 percent from 52.7 first-time births per 1,000 females 15-19 years old in 2001 to 33.4/1,000 in 2011 (Figure 12).

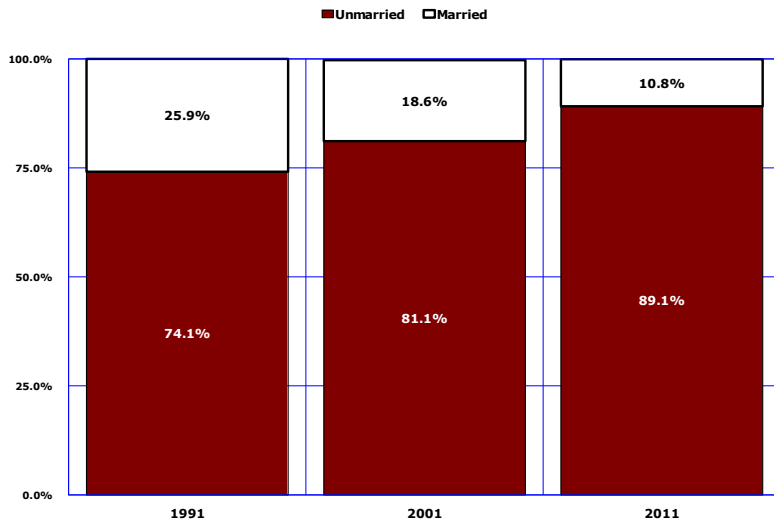
The repeat birth rates for teenagers who had already had a child decreased by 65.2 percent from 183.1 in 2001 to 63.8 per 1,000 females 15-19 years old in 2011 who had a previous birth (Figure 12).



* Number of first births per 1,000 females 15-19 years old who have not had a birth.

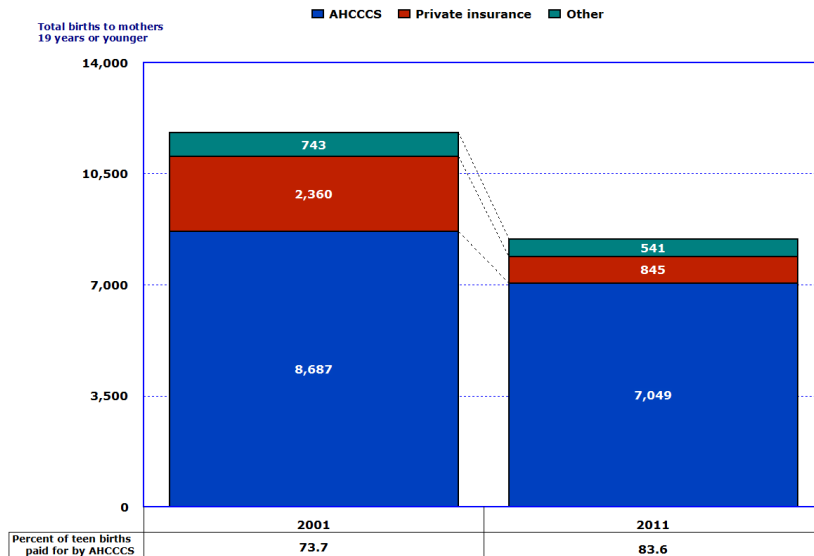
**Number of repeat births per 1,000 females 15-19 years old who have had a previous birth. See Appendix "How to compute rates of first and repeat childbearing."

Figure 13
Births to Mothers 19 or Younger by Marital Status,
Arizona, 1991, 2001, and 2011



Unwed mothers have accounted for an increasing annual proportion of births throughout the 1990s and 2000s. Two decades ago, approximately 7 out of 10 teenage mothers were unmarried (**Figure 13**). In 2011, nonmarital births accounted for 89.1 percent of births to mothers 19 years or younger.

Figure 14
Number of Births to Mothers 19 or Younger by Payee,
Arizona, 2001 and 2011



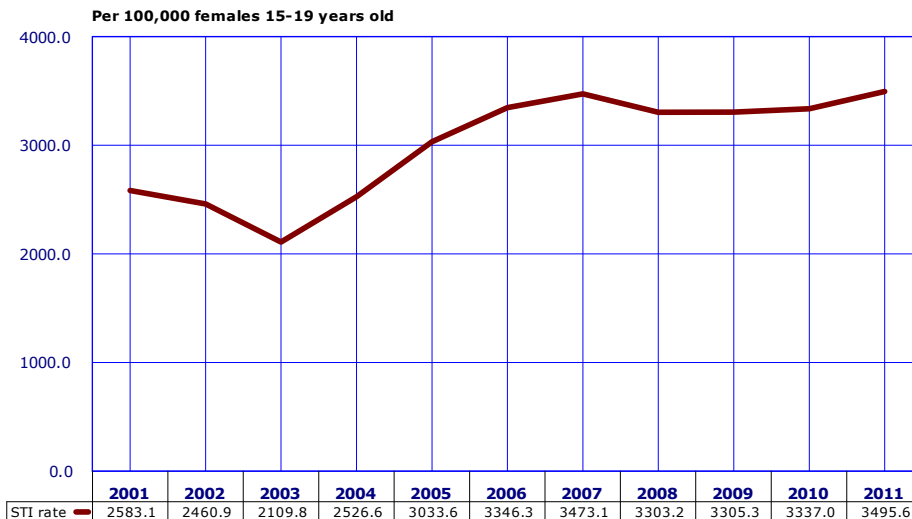
The total number of births to mothers 19 years or younger decreased by 28.5 percent from 11,790 in 2001 to 8,435 in 2011 (**Table 1**). In contrast, the proportional share of births paid for by the Arizona Health Care Cost Containment System (AHCCCS, the State's Medicaid program) increased from 73.7 percent in 2001 to 83.6 percent in 2011 (**Figure 14**).

KEY FINDINGS

Figure 15
Trends in the Incidence of Sexually Transmitted Infections* among Females 15-19 Years, Arizona, 2001-2011

In each year from 2006 to 2011, the total number of sexually transmitted infections (STI) among females aged 19 or younger exceeded 7,400 (Table 15) compared to an average of 5,206 reported in years 2001 to 2005. The rate of STI among females 15-19 years old increased by 35.3 percent from 2583.1 cases per 100,000 in 2001 to a rate of 3495.6/100,000 in 2011.

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.



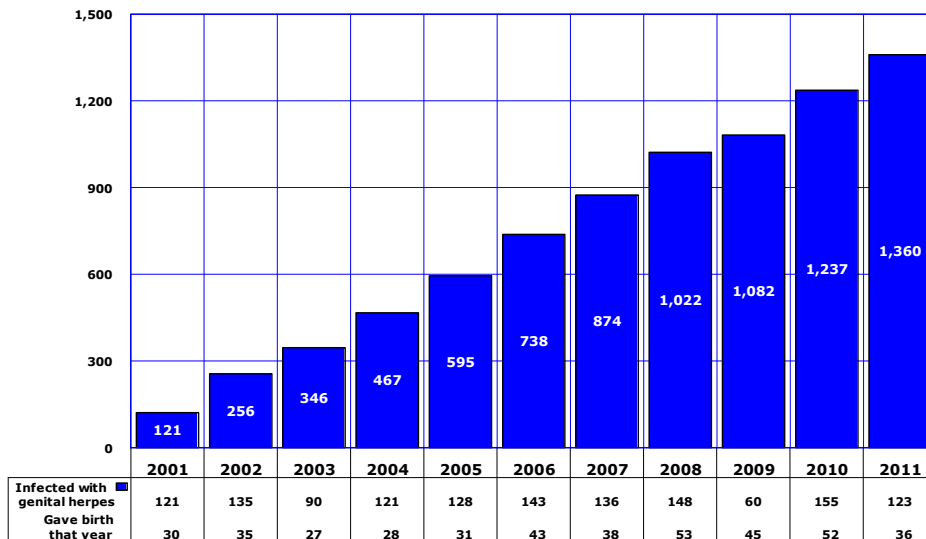
* The sum of annually reported cases of gonorrhea, chlamydia, genital herpes, and early syphilis. Source: Bureau of Epidemiology and Disease Control Services, Office of Infectious Disease Services.

Figure 16
Cumulative Number of Cases of Genital Herpes among Females 15-19 Years, Arizona, 2001-2011

Unlike gonorrhea or chlamydia, genital herpes cannot be cured. Since genital herpes is not a fatal disease, new cases arising each year may add to the pool of people infected with the disease who can then transmit the disease to others.

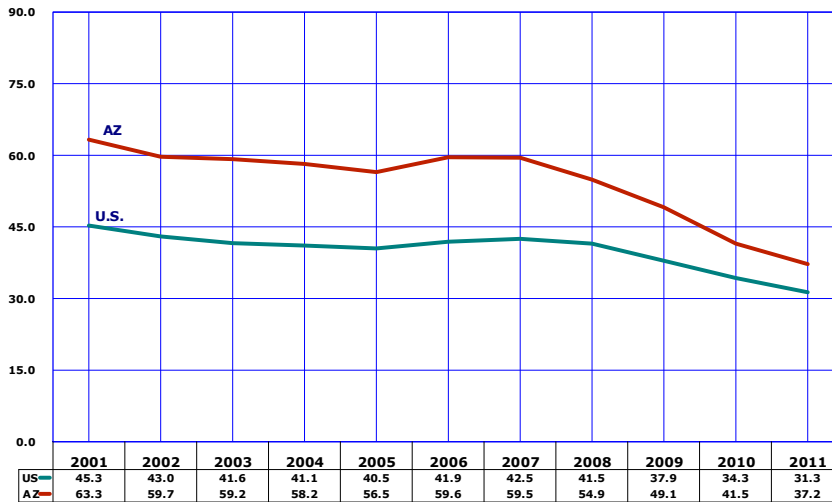
Assuming that females 15-19 years old reported with genital herpes since 2001 have not died or left the State, the 2011 prevalence of this disease based on 1,360 accumulated cases (Figure 16), one in every 63 females aged 15-19 years may be infected.

Genital herpes also is a threat to newborns. Out of 155 females aged 15-19 years who were diagnosed with genital herpes in 2011, 36 (or 29.3 percent) also gave birth that year (Figure 16, Table 15).



KEY FINDINGS

Figure 17
Birth Rates for Teenagers 15-19 Years, Nationally and in Arizona, 2001-2011

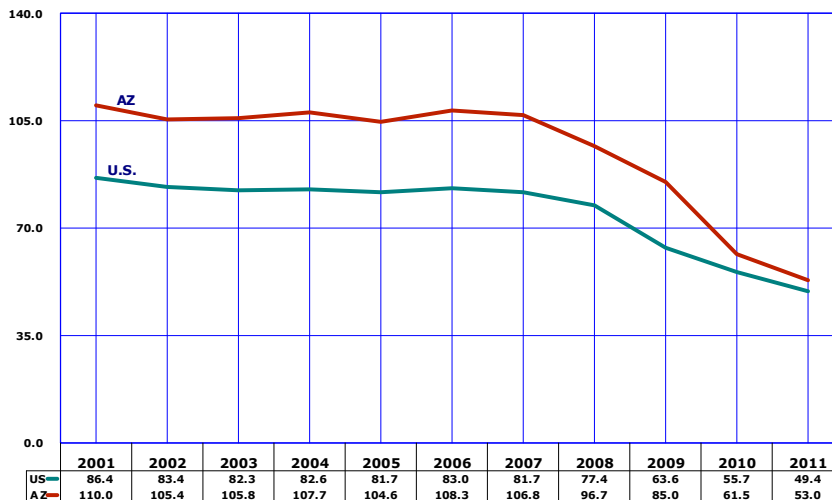


In each year from 2001 to 2011, birth rates for Arizona teenagers 15-19 years old exceeded the rates of their national peers (**Figure 17, Table 11**).

In Arizona, Hispanic or Latino females 15-19 years old, a high-fertility group, accounted for 38.2 percent of females aged 15-19 years in 2011. A high proportional representation of Hispanic or Latino females in Arizona puts upward pressure on the overall teen birth rate.

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

Figure 18
Birth Rates for Hispanic or Latino Teenagers 15-19 Years, Nationally, and in Arizona, 2001-2011



In 2011, Hispanics or Latinos aged 15-19 years disproportionately accounted for 54.8 percent of births to mothers in this age group in Arizona (4,570 out of 8,334; see **Table 6** and **Table 7**).

The 2011 birth rate among teen 15-19 years old exceeded the national rate for this age/ethnic group by 3.6 percent.

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

TEENAGE PREGNANCY, ARIZONA, 2001-2011

DATA TABLES

**TABLE 1
PREGNANCIES AND PREGNANCY OUTCOME BY AGE GROUP AND YEAR,
FEMALES 19 OR YOUNGER, ARIZONA, 2001-2011**

Pregnancy outcome by year	Total females 19 years or younger	Under 15 years	15-19 years old		
			Total	15-17 years	18-19 years
ALL PREGNANCIES					
2001	13,429	253	13,170	4,661	8,515
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
LIVE BIRTHS					
2001	11,790	198	11,592	4,080	7,512
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
ABORTIONS					
2001	1,528	46	1,482	540	942
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
FETAL LOSSES					
2001	111	9	102	41	61
2002	100†	*	98	39	59
2003	90†	*	86	31	55
2004	80†	*	79	25	54
2005	70†	*	73	29	44
2006	80†	*	80	31	49
2007	90†	*	84	38	46
2008	70†	*	71	22	49
2009	70†	*	66	26	40
2010	50†	*	51	18	33
2011	50†	*	49	14	35

Notes: * cell suppressed due to count less than 6; † sum rounded to nearest tens unit due to addend less than 6.

**TABLE 2
PREGNANCY RATES¹ BY PREGNANCY OUTCOME, AGE GROUP, AND YEAR,
FEMALES 19 OR YOUNGER, ARIZONA, 2001-2011**

Pregnancy outcome by year	Total females 19 years or younger	Under 15 years	15-19 years old		
			Total	15-17 years	18-19 years
ALL PREGNANCIES					
2001	36.0	1.3	72.0	43.2	112.2
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
LIVE BIRTHS					
2001	31.6	1.0	63.3	37.8	99.9
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
ABORTIONS					
2001	4.1	0.2	8.1	5.0	12.5
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
FETAL LOSSES					
2001	0.3	0.0	0.6	0.4	0.8
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	**	0.4	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	**	0.3	0.2	0.5
2010	0.1	**	0.2	0.1	0.4
2011	0.1	**	0.2	0.1	0.4

Notes: ** cell suppressed due to rate based on count less than 6; ¹ 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, 2001-2011**

Race/ethnic group and year	Total, females 19 years or younger	Under 15 years	15-19 years		
			Total	15-17 years	18-19 years
WHITE NON-HISPANIC					
2001	3,396	34	3,362	926	2,436
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
HISPANIC OR LATINO					
2001	6,648	132	6,516	2,552	3,964
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
BLACK OR AFRICAN AMERICAN					
2001	545	13	532	193	339
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
AMERICAN INDIAN OR ALASKA NATIVE					
2001	1,013	17	996	348	648
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
ASIAN OR OTHER PACIFIC ISLANDER					
2001	100†	*	104	29	75
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	100†	*	103	31	72
2008	110†	*	112	26	86
2009	90†	*	86	18	68
2010	100†	*	102	23	79
2011	110†	*	109	26	83

Notes: * cell suppressed due to count less than 6; † sum rounded to nearest tens unit due to addend less than 6.

TABLE 4
ABORTIONS TO FEMALES 19 OR YOUNGER BY AGE GROUP, RACE/ETHNICITY,
AND YEAR, ARIZONA, 2001-2011

Race/ethnic group and year	Total, females 19 years or younger	Under 15 years	15-19 years		
			Total	15-17 years	18-19 years
WHITE NON-HISPANIC					
2001	746	16	730	262	458
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
HISPANIC OR LATINO					
2001	534	22	512	199	313
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
BLACK OR AFRICAN AMERICAN					
2001	70†	*	68	28	40
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	20†	*	17	*	13
AMERICAN INDIAN OR ALASKA NATIVE					
2001	30†	*	26	7	19
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	50†	*	52	22	30
2010	40†	*	34	13	21
2011	10†	*	*	*	*
ASIAN OR OTHER PACIFIC ISLANDER					
2001	30†	*	30	15	15
2002	30†	*	34	10	24
2003	30†	*	26	7	19
2004	60†	*	55	19	36
2005	40†	*	35	10	25
2006	40†	*	37	11	26
2007	60†	*	59	8	51
2008	40†	*	34	12	22
2009	40†	*	39	8	31
2010	10†	*	14	*	9
2011	10†	*	*	*	*

Notes: * cell suppressed due to count less than 6; † sum rounded to nearest tens unit due to addend less than 6.

**TABLE 5
NUMBER OF PREGNANCIES¹ BY PREGNANCY OUTCOME, RACE/ETHNICITY, AND YEAR AMONG FEMALES AGED 17 AND YOUNGER
WITH RATES², ARIZONA, 2001-2011**

Race/ethnicity Pregnancy outcome	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2011 Rates
WHITE³ NON-HISPANIC, total:	1,250	1,245	1,131	1,129	1,028	1,204	1,165	1,074	894	770	600	3.8
Births	960	847	805	764	728	871	805	784	669	553	507	3.2
Abortions	278	387	322	360	293	324	353	287	218	214	90	0.6
HISPANIC OR LATINO, total:	2,930	2,926	2,993	3,198	3,043	3,281	3,286	3,057	2,496	2,106	1,731	12.3
Births	2,684	2,654	2,746	2,916	2,858	3,046	3,007	2,835	2,340	1,927	1,528	10.8
Abortions	221	250	224	267	172	217	254	207	144	167	196	1.4
BLACK OR AFRICAN AMERICAN, total:	240	207	256	241	247	255	268	266	221	189	170 [†]	9.1
Births	206	164	207	192	207	194	207	215	187	161	162	8.8
Abortions	31	34	46	47	37	57	55	48	31	25	*	**
AMERICAN INDIAN OR ALASKA NATIVE, total:	384	409	501	495	530	477	504	452	436	361	310 [†]	11.6
Births	365	392	471	473	499	449	471	430	411	345	307	11.4
Abortions	10	15	28	18	25	25	30	19	22	15	*	**
ASIAN OR OTHER PACIFIC ISLANDER, total:	44	30	47	46	39	43	43	41	30	30 [†]	30 [†]	2.9
Births	29	20	39	26	29	29	31	27	20	24	28	2.8
Abortions	15	10	8	20	10	14	12	14	9	*	*	**
ALL RACE/ETHNIC GROUPS⁴, total:	4,914	4,951	5,027	5,188	5,029	5,347	5,300	4,970	4,101	3,513	3,089	8.7
Births	4,278	4,158	4,321	4,415	4,364	4,620	4,541	4,312	3,633	3,015	2,548	7.2
Abortions	586	749	674	747	636	693	718	634	442	480 [†]	530 [†]	1.5
Pregnancy rate, total:	16.5	16.1	15.9	15.9	14.8	15.1	14.8	13.7	11.2	10.0	8.7	
Fertility rate⁵	14.3	13.5	13.7	13.5	12.9	13.0	12.7	11.9	9.9	8.6	7.2	
Abortion rate	2.0	2.4	2.1	2.3	1.9	2.0	2.0	1.7	1.2	1.4	1.5	

Notes: * cell suppressed due to count less than 6; ** cell suppressed due to rate based on count less than 6; [†] sum rounded to nearest tens unit due to addend less than 6; ¹ fetal deaths are included in the total counts of pregnancies; ² all rates per 1,000 females 10-17 years old; ³ not of Hispanic origin; ⁴ includes other and unspecified ethnicity; ⁵ number of births per 1,000 females 10-17 years old.

**TABLE 6
NUMBER OF PREGNANCIES¹ BY PREGNANCY OUTCOME, RACE/ETHNICITY, AND YEAR AMONG FEMALES 15-17 YEARS OLD
WITH RATES², ARIZONA, 2001-2011**

Race/ethnicity Pregnancy outcome	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2011 Rates
WHITE³ NON-HISPANIC, total:	1,197	1,202	1,090	1,093	996	1,157	1,067	1,038	863	742	577	9.6
Births	926	824	782	747	711	852	779	769	649	541	494	8.2
Abortions	262	367	304	341	278	296	282	266	207	198	80	1.3
HISPANIC OR LATINO, total:	2,771	2,761	2,819	3,040	2,885	3,131	3,126	2,911	2,401	2,021	1,653	31.8
Births	2,552	2,507	2,600	2,779	2,721	2,923	2,892	2,724	2,253	1,859	1,467	28.3
Abortions	199	235	197	247	151	193	210	173	136	151	179	3.4
BLACK OR AFRICAN AMERICAN, total:	224	189	247	228	234	239	242	248	212	178	160 [†]	22.3
Births	193	152	204	180	199	187	195	203	181	151	152	21.6
Abortions	28	30	40	46	32	48	42	43	28	24	*	**
AMERICAN INDIAN OR ALASKA NATIVE, total:	363	388	461	473	505	457	470	428	419	345	300 [†]	28.8
Births	348	374	434	452	478	430	445	408	394	331	293	28.3
Abortions	7	12	25	17	21	24	22	17	22	13	*	**
ASIAN OR OTHER PACIFIC ISLANDER, total:	44	29	45	44	38	39	39	38	30 [†]	30 [†]	30 [†]	7.2
Births	29	19	38	25	28	28	31	26	18	23	26	7.2
Abortions	15	10	7	19	10	11	8	12	*	*	*	**
ALL RACE/ETHNIC GROUPS⁴, total:	4,661	4,696	4,755	4,955	4,790	5,105	4,975	4,740	3,945	3,363	2,939	22.1
Births	4,080	3,952	4,110	4,227	4,179	4,450	4,361	4,151	3,501	2,910	2,447	18.4
Abortions	540	705	614	703	582	624	576	567	420 [†]	440 [†]	480 [†]	3.6
Pregnancy rate, total:	43.2	42.2	41.6	42.0	39.1	39.0	36.9	34.6	28.5	25.5	22.1	
Fertility rate⁵	37.8	35.5	35.9	35.8	34.1	34.0	32.3	30.3	25.3	22.1	18.4	
Abortion rate	5.0	6.3	5.4	6.0	4.8	4.8	4.3	4.1	3.0	3.3	3.6	

Notes: * cell suppressed due to count less than 6; ** cell suppressed due to rate based on count less than 6; [†] sum rounded to nearest tens unit due to addend less than 6; ¹ fetal deaths are included in the total counts of pregnancies; ² all rates per 1,000 females 15-17 years old; ³ not of Hispanic origin; ⁴ includes other and unspecified ethnicity; ⁵ number of births per 1,000 females 15-17 years old.

**TABLE 7
NUMBER OF PREGNANCIES¹ BY PREGNANCY OUTCOME, RACE/ETHNICITY, AND YEAR AMONG FEMALES 18-19 YEARS OLD
WITH RATES², ARIZONA, 2001-2011**

Race/ethnicity Pregnancy outcome	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2011 Rates
WHITE³ NON-HISPANIC, total:												
Births	2,925	2,857	2,772	2,795	2,603	2,944	2,936	2,778	2,560	2,316	1,792	40.8
Abortions	2,436	2,217	2,165	2,042	2,016	2,338	2,295	2,209	2,046	1,833	1,582	36.0
	468	623	592	735	574	593	629	554	502	480	199	4.5
HISPANIC OR LATINO, total:												
Births	4,309	4,361	4,483	4,767	4,705	5,115	5,259	4,707	4,400	3,812	3,566	104.0
Abortions	3,964	3,931	4,046	4,222	4,330	4,692	4,775	4,333	4,001	3,421	3,103	90.5
	313	400	406	517	350	392	456	354	381	365	442	12.9
BLACK OR AFRICAN AMERICAN, total:												
Births	382	398	408	430	441	476	498	546	501	446	413	84.0
Abortions	339	304	342	348	362	407	414	441	416	401	399	81.2
	40	84	61	78	77	67	81	95	79	42	13	2.6
AMERICAN INDIAN OR ALASKA NATIVE, total:												
Births	669	673	714	720	759	800	849	794	793	664	690 [†]	94.2
Abortions	648	647	670	669	705	767	814	755	759	643	680	93.5
	19	25	40	47	51	30	33	35	30	21	*	**
ASIAN OR OTHER PACIFIC ISLANDER, total:												
Births	90	100	87	102	93	89	124	108	99	88	90 [†]	32.7
Abortions	75	76	68	66	67	63	72	86	68	79	83	31.2
	15	24	19	36	25	26	51	22	31	9	*	**
ALL RACE/ETHNIC GROUPS⁴, total:												
Births	8,515	8,621	8,627	8,975	8,869	9,571	9,738	9,077	8,436	7,467	7,180	77.2
Abortions	7,512	7,316	7,379	7,448	7,569	8,296	8,431	7,849	7,319	6,401	5,887	63.3
	942	1,246	1,193	1,473	1,256	1,226	1,261	1,179	1,077	1,033	1,260 [†]	13.5
Pregnancy rate, total:	113.2	111.2	108.2	108.7	103.6	115.6	121.4	111.3	102.5	80.8	77.2	
Fertility rate⁵	99.9	94.3	92.5	90.2	88.4	100.2	105.1	96.3	89.0	69.2	63.3	
Abortion rate	12.5	16.1	15.0	17.8	14.7	14.8	15.7	14.5	13.1	11.2	13.5	

Notes: * cell suppressed due to count less than 6; ** cell suppressed due to rate based on count less than 6; [†] sum rounded to nearest tens unit due to addend less than 6; ¹ fetal deaths are included in the total counts of pregnancies; ² all rates per 1,000 females 18-19 years old; ³ not of Hispanic origin; ⁴ includes other and unspecified ethnicity; ⁵ number of births per 1,000 females 18-19 years old.

**TABLE 8
NUMBER OF PREGNANCIES¹ BY PREGNANCY OUTCOME, RACE/ETHNICITY, AND YEAR AMONG FEMALES 19 AND YOUNGER,
WITH RATES², ARIZONA, 2001-2011**

Race/ethnicity Pregnancy outcome	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2011 Rates
WHITE³ NON-HISPANIC, total:	4,175	4,102	3,903	3,924	3,631	4,148	4,101	3,852	3,454	3,086	2,392	11.8
Births	3,396	3,064	2,970	2,806	2,744	3,209	3,100	2,993	2,715	2,386	2,089	10.3
Abortions	746	1,010	914	1,095	867	917	982	841	720	694	289	1.4
HISPANIC OR LATINO, total:	7,239	7,287	7,476	7,965	7,748	8,396	8,545	7,764	6,896	5,918	5,297	30.2
Births	6,648	6,585	6,792	7,138	7,188	7,738	7,782	7,168	6,341	5,348	4,631	26.4
Abortions	534	650	630	784	522	609	710	561	525	532	638	3.6
BLACK OR AFRICAN AMERICAN, total:	622	605	664	671	688	731	766	812	722	635	580	24.9
Births	545	468	549	540	569	601	621	656	603	562	561	24.1
Abortions	71	118	107	125	114	124	136	143	110	67	17	0.7
AMERICAN INDIAN OR ALASKA NATIVE, total:	1,053	1,082	1,215	1,215	1,289	1,277	1,353	1,246	1,229	1,025	1,000 ⁺	29.2
Births	1,013	1,039	1,141	1,142	1,204	1,216	1,285	1,185	1,170	988	987	28.9
Abortions	29	40	68	65	76	55	63	54	52	36	*	**
ASIAN OR OTHER PACIFIC ISLANDER, total:	134	130	134	148	132	132	167	149	129	117	120 ⁺	9.1
Births	104	96	107	92	96	92	103	113	88	103	111	8.7
Abortions	30	34	27	56	35	40	63	36	40	14	*	**
ALL RACE/ETHNIC GROUPS⁴, total:	13,429	13,572	13,654	14,163	13,898	14,918	15,038	14,047	12,537	10,980	10,269	23.0
Births	11,790	11,474	11,700	11,863	11,933	12,916	12,972	12,161	10,952	9,416	8,435	18.9
Abortions	1,528	1,995	1,867	2,220	1,892	1,919	1,979	1,813	1,519	1,512	1,790 ⁺	4.0
Pregnancy rate, total:	36.0	35.2	34.5	34.6	32.7	34.1	34.4	31.6	28.0	24.7	23.0	
Fertility rate⁵	31.6	29.8	29.5	29.0	28.1	29.6	29.7	27.4	24.4	21.2	18.9	
Abortion rate	4.1	5.2	4.7	5.4	4.5	4.4	4.5	4.1	3.4	3.4	4.0	

Notes: * cell suppressed due to count less than 6; ** cell suppressed due to rate based on count less than 6; ¹ sum rounded to nearest tens unit due to addend less than 6; ¹ fetal deaths are included in the total counts of pregnancies; ² all rates per 1,000 females 19 or younger; ³ not of Hispanic origin; ⁴ includes other and unspecified ethnicity; ⁵ number of births per 1,000 females 19 or younger.

**TABLE 9
TRENDS IN PREGNANCY RATES¹ BY COUNTY OF RESIDENCE AMONG FEMALES 10-17 AND 18-19 YEARS OLD,
ARIZONA, 2001-2011**

	ARIZONA	APACHE	COCHISE	COCONINO	GILA	GRAHAM	GREENLEE	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	SANTA CRUZ	YAVAPAI	YUMA	LA PAZ
2001	36.0	21.6	34.3	30.3	43.2	33.8	18.3	37.2	31.4	26.7	36.0	43.7	33.0	26.3	36.7	36.8
2002	35.2	23.2	30.6	26.0	42.4	29.9	40.0	36.0	32.5	28.5	36.3	38.5	36.4	29.6	38.8	35.6
2003	34.5	30.8	31.5	26.9	42.8	27.5	26.0	36.0	30.9	29.6	32.0	38.1	30.0	25.3	40.6	32.2
2004	34.6	32.8	30.0	27.7	38.4	22.5	36.6	35.5	28.7	33.7	33.8	36.4	38.6	27.9	42.1	39.8
2005	32.7	25.9	30.0	27.7	38.8	20.9	31.0	33.9	32.1	33.1	30.6	33.5	30.7	25.7	37.0	49.8
2006	34.1	25.6	24.2	31.0	37.7	35.5	24.7	35.4	33.0	30.0	32.9	34.1	32.9	29.6	38.0	30.0
2007	34.4	27.5	29.1	33.2	41.7	40.1	25.4	35.4	31.9	33.7	30.5	37.4	32.2	33.0	37.8	50.9
2008	31.6	25.3	27.2	28.6	45.9	33.2	33.2	32.5	28.1	36.3	29.0	31.3	31.5	26.9	35.1	38.6
2009	28.0	27.7	28.7	27.6	40.8	33.7	41.2	27.4	25.9	33.2	27.0	27.6	29.1	25.0	36.1	27.8
2010	24.7	26.7	27.5	22.5	39.7	33.3	35.7	23.7	24.6	32.8	24.7	22.8	30.5	21.4	34.1	38.1
2011	23.0	23.6	24.7	20.3	35.9	28.5	34.1	22.4	18.9	33.4	22.6	21.7	27.9	19.9	30.1	31.9
19 YEARS OR YOUNGER	113.2	91.9	116.8	84.3	154.3	84.9	78.4	117.3	132.5	111.7	96.6	156.9	113.7	91.8	130.8	153.0
2001	111.1	100.7	104.4	68.9	151.5	78.4	161.9	114.2	131.5	121.5	96.7	130.2	137.7	115.9	133.4	127.0
2002	108.2	130.1	107.3	70.6	145.5	78.8	64.8	112.4	129.0	123.4	86.0	139.3	130.7	98.7	134.2	113.4
2003	108.7	141.6	106.7	76.9	164.3	57.7	173.1	110.9	112.8	141.3	93.7	121.0	147.2	99.3	135.6	153.8
2004	103.6	105.4	110.0	79.5	150.5	56.7	174.8	106.5	134.0	138.2	83.7	119.8	111.8	104.1	122.2	148.7
2005	115.6	87.9	71.1	84.0	139.8	95.6	69.0	125.0	142.1	99.4	95.8	129.3	108.5	109.2	122.8	63.0
2006	121.4	89.4	99.8	81.2	164.0	103.4	122.4	131.9	157.6	125.8	89.6	144.9	102.8	129.9	129.8	242.8
2007	111.3	89.5	92.4	72.2	165.9	94.7	133.3	120.0	135.7	135.7	86.5	121.8	111.6	100.1	121.7	156.1
2008	102.5	100.2	102.7	68.9	160.2	93.2	203.9	106.0	129.2	132.3	82.3	108.4	115.7	101.3	119.9	127.2
2009	80.8	96.6	90.6	40.2	137.9	96.0	122.4	80.3	96.5	122.7	68.7	96.8	94.2	84.5	114.7	177.8
2010	77.2	94.2	78.9	36.2	132.6	81.7	163.3	78.4	75.9	121.1	64.3	94.7	104.2	71.3	109.3	127.8
2011	16.5	9.2	15.5	13.9	22.5	17.0	**	17.2	10.9	11.7	16.9	19.8	17.8	12.3	15.3	15.2
10-17 YEARS	16.1	9.6	13.7	13.0	22.1	14.0	17.5	16.5	12.5	12.0	17.2	19.1	17.2	11.1	17.3	18.7
2001	15.9	13.4	14.3	13.6	23.7	10.7	18.8	16.9	11.1	13.0	14.6	16.8	11.1	9.5	19.3	17.2
2002	15.8	13.5	12.7	12.9	15.4	10.9	10.9	16.5	11.8	14.6	15.1	18.3	17.9	12.3	20.4	17.8
2003	14.8	11.9	11.7	12.1	18.2	9.0	**	15.7	11.5	14.4	14.0	14.9	15.2	8.6	17.1	30.7
2004	15.1	10.8	12.0	14.1	16.6	17.6	**	15.7	12.4	14.9	14.7	13.4	16.5	11.8	16.6	13.1
2005	14.8	12.5	12.0	16.3	16.2	19.3	**	15.3	10.7	14.4	13.6	16.4	17.7	12.8	16.0	15.8
2006	13.7	9.7	11.3	13.2	21.0	12.9	16.2	14.3	9.5	15.5	12.5	13.6	15.0	10.9	14.6	17.0
2007	11.2	10.1	10.8	13.0	15.9	14.2	13.3	11.0	8.1	12.5	11.2	11.8	11.4	8.4	16.1	9.5
2008	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	**
2009	8.7	7.8	10.4	10.6	14.6	10.3	**	8.4	5.8	13.6	9.0	7.7	11.9	7.8	11.2	10.1
2010																
2011																

Notes: ** cell suppressed due to rate based on count less than 6; ¹ 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, 2001-2011**

Group	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
ARIZONA, TOTAL¹											
# Births (all ages)	85,213	87,379	90,783	93,396	95,798	102,042	102,687	99,215	92,616	87,053	85,190
# Births to teenagers	11,790	11,474	11,700	11,863	11,933	12,916	12,972	12,161	10,952	9,416	8,535
% Births to teenagers	13.8	13.1	12.9	12.7	12.5	12.7	12.6	12.2	11.8	10.8	10.0
URBAN COUNTIES²											
# Births (all ages)	73,319	74,851	77,905	79,951	82,141	87,910	88,266	85,263	79,046	74,624	74,040
# Births to teenagers	9,906	9,512	9,686	9,786	9,827	10,809	10,693	10,013	8,867	7,690	6,886
% Births to teenagers	13.5	12.7	12.4	12.2	12.0	12.3	12.1	11.7	11.2	10.3	9.3
RURAL COUNTIES											
# Births (all ages)	11,851	12,498	12,848	13,409	13,603	14,083	14,413	13,952	13,570	12,429	12,150
# Births to teenagers	1,882	1,959	2,014	2,074	2,103	2,100	2,279	2,148	2,085	1,726	1,549
% Births to teenagers	15.9	15.7	15.7	15.5	15.5	14.9	15.8	15.3	15.4	13.9	12.7
WHITE NON-HISPANIC											
# Births (all ages)	38,934	38,819	38,842	39,271	39,657	43,013	42,216	41,925	39,781	38,777	38,294
# Births to teenagers	3,396	3,064	2,970	2,806	2,744	3,209	3,100	2,993	2,715	2,386	2,089
% Births to teenagers	8.7	7.9	7.6	7.2	6.9	7.5	7.3	7.1	6.8	6.2	5.5
HISPANIC OR LATINO											
# Births (all ages)	35,103	36,089	39,101	40,822	42,156	44,862	45,731	42,639	38,362	34,333	32,398
# Births to teenagers	6,648	6,585	6,792	7,138	7,188	7,738	7,782	7,168	6,341	5,348	4,631
% Births to teenagers	18.9	18.2	17.4	17.5	17.0	17.2	17.0	16.8	16.5	15.6	14.3
BLACK OR AFRICAN AMERICAN											
# Births (all ages)	2,736	2,753	3,022	3,216	3,450	3,864	4,165	4,301	4,378	4,328	4,366
# Births to teenagers	545	468	549	540	569	601	621	656	603	562	561
% Births to teenagers	19.9	17.0	18.2	16.8	16.5	15.6	14.9	15.2	13.8	13.0	12.8
AMERICAN INDIAN OR ALASKA NATIVE											
# Births (all ages)	5,340	5,545	5,881	6,120	6,293	6,364	6,408	6,362	6,170	5,815	5,830
# Births to teenagers	1,013	1,039	1,141	1,142	1,204	1,216	1,285	1,185	1,170	988	987
% Births to teenagers	19.0	18.7	19.4	18.9	19.1	19.1	20.0	18.6	19.0	17.0	16.9
ASIAN OR OTHER PACIFIC ISLANDER											
# Births (all ages)	2,104	2,281	2,524	2,614	2,805	3,136	3,412	3,425	3,396	3,293	3,505
# Births to teenagers	104	96	107	92	96	92	103	113	88	103	111
% Births to teenagers	4.9	4.2	4.2	3.5	3.4	2.9	3.0	3.2	2.6	3.1	3.2

Notes: ¹ 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;² 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, 2001-2011**

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.
2001	1.0	0.8	63.3	45.3	37.8	24.7	99.9	76.1
2002	1.0	0.7	59.7	43.0	35.5	23.2	94.3	72.7
2003	1.0	0.6	59.2	41.6	35.9	22.4	92.5	70.7
2004	0.9	0.7	58.2	41.1	35.8	22.1	90.2	70.0
2005	0.9	0.7	56.5	40.5	34.1	21.4	88.4	69.9
2006	0.8	0.6	59.6	41.9	34.0	22.0	100.2	73.0
2007	0.8	0.6	59.5	42.5	32.3	22.2	105.1	73.9
2008	0.7	0.6	54.9	41.5	30.3	21.7	96.3	70.7
2009	0.6	0.5	49.1	37.9	25.3	19.6	89.0	64.0
2010	0.5	0.4	41.5	34.3	22.1	17.3	69.2	58.3
2011	0.5	0.4	37.2	31.3	18.6	15.4	63.7	54.1

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

**TABLE 12
REPEAT PREGNANCIES AMONG TEENAGE MOTHERS GIVING BIRTH BY AGE AND YEAR, ARIZONA, 2001-2011**

Mother's age	Pregnancies	Year										
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
15	Total	620 [†]	510 [†]	590 [†]	570 [†]	600 [†]	590 [†]	600 [†]	570 [†]	450 [†]	340 [†]	250 [†]
	Previous pregnancies	569	470	551	538	559	558	553	553	428	317	239
	One or more	49	41	36	25	44	35	51	17	18	22	10
16	Unknown	*	*	*	*	*	*	*	*	*	*	*
	Total	1,353	1,340 [†]	1,310 [†]	1,390 [†]	1,320 [†]	1,450 [†]	1,360 [†]	1,250 [†]	1,110 [†]	940 [†]	790 [†]
	Previous pregnancies	1,171	1,169	1,144	1,228	1,167	1,290	1,199	1,146	988	848	743
17	One or more	176	166	168	159	150	158	161	104	119	89	49
	Unknown	6	*	*	*	*	*	*	*	*	*	*
	Total	2,107	2,104	2,210 [†]	2,272	2,260 [†]	2,410 [†]	2,400 [†]	2,330 [†]	1,950 [†]	1,630 [†]	1,410 [†]
18	Previous pregnancies	1,634	1,658	1,729	1,838	1,791	1,905	1,895	1,983	1,598	1,343	1,197
	One or more	464	437	475	427	468	502	502	348	350	291	209
	Unknown	9	9	*	7	*	*	*	*	*	*	*
19	Total	3,168	3,208	3,211	3,210 [†]	3,350 [†]	3,520 [†]	3,660 [†]	3,380 [†]	3,080 [†]	2,650 [†]	2,400 [†]
	Previous pregnancies	2,161	2,231	2,209	2,250	2,411	2,519	2,645	2,576	2,226	1,967	1,901
	One or more	988	967	996	954	940	1,004	1,016	799	851	680	498
19	Unknown	19	10	6	*	*	*	*	*	*	*	*
	Total	4,344	4,108	4,168	4,240 [†]	4,220 [†]	4,770 [†]	4,770 [†]	4,470 [†]	4,240 [†]	3,750 [†]	3,490 [†]
	Previous pregnancies	2,597	2,496	2,592	2,556	2,631	2,961	2,980	3,065	2,667	2,459	2,414
19	One or more	1,735	1,595	1,567	1,681	1,586	1,812	1,790	1,407	1,570	1,295	1,074
	Unknown	12	17	9	*	*	*	*	*	*	*	*

Notes: * cell suppressed due to count less than 6; [†] sum rounded to nearest tens unit due to addend less than 6.

**TABLE 13
CUMULATIVE NUMBER OF MOTHERS WHO WERE 19 OR YOUNGER IN ARIZONA IN 2011**

Year Baby Was Born	MOTHER'S AGE WHEN BABY WAS BORN										Mother was 19 or younger in 2011	
	10	11	12	13	14	15	16	17	18	19		
2002	*											*
2003	*	*										*
2004	*	*	*									*
2005	*	*	*	22								25
2006	*	*	*	25	143							170
2007	*	*	*	20	156	604						784
2008	*	*	*	16	141	570	1,250					1,981
2009	*	*	*	15	116	446	1,107	1,948				3,633
2010	*	*	*	11	92	339	937	1,634	2,647			5,662
2011	*	*	*	7	93	249	792	1,406	2,399	3,488		8,435
Cumulative number of mothers 19 or younger	*	*	18	116	741	2,208	4,086	4,988	5,046	3,488		20,694

Notes: * cell suppressed due to count less than 6;

NOTE: The above table focuses on the 2011 cohort of Arizona mothers who were 19 or younger that year.

Among them are those who:

gave birth to the babies in 2011.

gave birth to a baby prior to 2011 and were still 19 or less years old in 2011.

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 2011 by the year the baby was born. For example, from among those girls and adolescents who had their baby in 2005, 25 remained in their teens in 2011. The bottom row gives the cumulative total by mother's age when the baby was born. For example, among the 20,694 mothers under 20 in Arizona in 2011, 116 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 2011. For example, mothers who were 11 years old in 2002 were 20 years old in 2011.

The figures in Table 13 are unadjusted for in-and-out migration, as well as mortality of mothers, in the period of 2001-2011. For simplicity, the number of mothers = 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, 2001-2011**

	All 19 years or younger	10-14 years	15-19 years	15-17 years	18-19 years
WHITE NON-HISPANIC					
2001	21.1	0.5	41.9	20.8	71.0
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
HISPANIC OR LATINO					
2001	59.1	2.5	119.5	79.7	176.0
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
BLACK OR AFRICAN AMERICAN					
2001	45.1	2.2	93.1	57.5	146.0
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
AMERICAN INDIAN OR ALASKA NATIVE					
2001	36.7	1.4	77.2	43.5	133.0
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
ASIAN OR OTHER PACIFIC ISLANDER					
2001	20.3	**	38.2	22.8	57.0
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	**	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

Note: ** cell suppressed due to rate based on count less than 6.

**TABLE 15
TRENDS IN SEXUALLY TRANSMITTED INFECTIONS BY AGE GROUP AND YEAR AMONG FEMALES 10-19 YEARS,
ARIZONA, 2001-2011**

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
10-14 years old											
Diagnosed with:											
Gonorrhea	37	22	31	36	40	40	32	19	26	22	27
Chlamydia	223	191	169	188	210	224	278	249	224	223	208
Early syphilis	*	*	*	*	*	*	*	*	*	*	*
Genital herpes	7	*	*	*	*	7	10	11	*	7	7
Gave birth that year	*	*	*	*	*	*	*	*	*	*	*
Total reported infections	270 [†]	220 [†]	200 [†]	230 [†]	260 [†]	270 [†]	320 [†]	280 [†]	250 [†]	250 [†]	240 [†]
15-19 years old											
Diagnosed with:											
Gonorrhea	535	469	503	538	721	804	709	468	453	529	691
Chlamydia	4,046	4,024	3,475	4,400	5,451	6,188	6,600	6,595	6,771	6,666	7,073
Early syphilis	24	23	25	19	13	16	25	8	6	10	8
Genital herpes	121	135	90	121	128	143	136	148	60	155	123
Gave birth that year	30	35	27	28	31	43	38	53	45	52	36
Total reported infections	4,726	4,651	4,093	5,078	6,313	7,151	7,470	7,219	7,290	7,360	7,895

Notes: * cell suppressed due to count less than 6; [†] sum rounded to nearest tens unit due to addend less than 6; information about the number of reported cases of gonorrhea, chlamydia, early syphilis and genital herpes 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 RATES¹ OF SEXUALLY TRANSMITTED INFECTIONS BY AGE GROUP AND YEAR AMONG
FEMALES 10-19 YEARS, ARIZONA, 2001-2011**

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
10-14 years old											
Diagnosed with:											
Gonorrhea	19.5	11.2	15.4	17.2	18.5	17.9	14.4	8.4	11.4	10.0	12.3
Chlamydia	122.6	97.5	83.7	90.1	97.1	100.3	125.1	110.3	98.3	101.5	94.7
Early syphilis	**	**	**	**	**	**	**	**	**	**	**
Genital herpes	3.7	**	**	**	**	3.1	4.5	4.9	**	3.2	3.2
Total reported infections	150 [†]	110 [†]	100 [†]	110 [†]	130 [†]	120 [†]	140 [†]	120 [†]	110 [†]	110 [†]	110 [†]
15-19 years old											
Diagnosed with:											
Gonorrhea	292.4	248.2	259.3	267.7	346.5	376.2	329.6	214.1	205.4	253.8	308.1
Chlamydia	2211.5	2129.1	1791.2	2189.1	2619.4	2895.7	3068.6	3017.7	3070.0	2971.9	3153.3
Early syphilis	13.1	12.2	12.9	9.5	6.2	7.5	11.6	3.7	2.7	4.5	3.6
Genital herpes	66.1	71.4	46.4	60.3	61.5	66.9	63.2	67.7	27.2	69.1	54.8
Gave birth that year (%)	24.8	25.9	30.0	23.1	24.2	30.1	27.9	35.8	75.0	33.5	29.3
Total reported infections	2583.1	2460.9	2109.8	2526.6	3033.6	3346.3	3473.1	3303.2	3305.3	3337.0	3495.6

Notes: ** cell suppressed due to rate based on count less than 6; [†] sum rounded to nearest tens unit due to addend less than 6; ¹ number of cases per 100,000 females in specified age group; the incidence rates of genital herpes among females who gave birth that year are per 100 births.

**TABLE 17
PREGNANCIES AND PREGNANCY RATES OF FEMALES 19 OR YOUNGER
BY COUNTY OF RESIDENCE, ARIZONA, 2011**

County of residence	NUMBER OF PREGNANCIES: ¹				
	All 19 years or younger	10-14 years	15-19 years		
			Total 15-19 years	15-17 years	18-19 years
Apache	150†	*	150	39	111
Cochise	200†	*	203	67	136
Coconino	230†	*	225	71	154
Gila	110†	*	112	36	76
Graham	90†	*	85	23	62
Greenlee	20†	*	21	*	16
Maricopa	6,096	96	6,000	1,726	4,274
Mohave	220†	*	214	51	163
Navajo	290†	*	290	94	196
Pima	1,487	20	1,467	427	1,040
Pinal	525	8	517	149	368
Santa Cruz	120†	*	115	40	75
Yavapai	220†	*	219	66	153
Yuma	476	6	470	137	333
La Paz	30†	*	31	8	23
TOTAL STATE	10,269	150†	10,119	2,940†	7,180

County of residence	PREGNANCY RATES: ²				
	All 19 years or younger	10-14 years	15-19 years		
			Total 15-19 years	15-17 years	18-19 years
Apache	23.6	**	45.5	18.4	94.2
Cochise	24.7	**	47.8	26.5	78.9
Coconino	20.3	**	32.4	26.4	36.2
Gila	35.9	**	69.7	34.8	132.6
Graham	28.5	**	54.1	28.4	81.7
Greenlee	34.1	**	75.0	**	163.3
Maricopa	22.4	0.7	44.4	21.4	78.4
Mohave	18.9	**	37.3	14.2	75.9
Navajo	33.4	**	65.5	33.5	121.1
Pima	22.6	0.7	41.5	22.3	64.3
Pinal	21.7	0.6	47.2	21.1	94.7
Santa Cruz	27.9	**	55.9	29.9	104.2
Yavapai	19.9	**	39.2	19.1	71.3
Yuma	30.1	0.8	58.6	27.6	109.3
La Paz	31.9	**	61.1	24.5	127.8
TOTAL STATE	23.0	0.7	44.8	22.1	77.2

Notes: * cell suppressed due to count less than 6; ** cell suppressed due to rate based on count less than 6; † sum rounded to nearest tens unit due to addend less than 6; ¹ the sum of live births, fetal deaths and abortions; ² 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, 2011

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	150†	*	146	39	107
Cochise	180†	*	175	55	120
Coconino	190†	*	188	63	125
Gila	110†	*	103	35	68
Graham	80†	*	82	23	59
Greenlee	20†	*	16	*	12
Maricopa	4,780	63	4,717	1,381	3,336
Mohave	210†	*	209	50	159
Navajo	280†	*	278	88	190
Pima	1,183	13	1,170	344	826
Pinal	481	7	474	133	341
Santa Cruz	110†	*	107	36	71
Yavapai	210†	*	202	58	144
Yuma	440†	*	438	130	308
La Paz	30†	*	29	8	21
TOTAL STATE	8,435	100†	8,334	2,450†	5,887

County of residence	BIRTH RATES: ¹				
	All 19 years or younger	10-14 years	15-19 years		
			Total 15-19 years	15-17 years	18-19 years
Apache	23.1	**	44.6	18.5	91.5
Cochise	21.1	**	41.0	21.7	69.3
Coconino	16.9	**	26.8	23.4	29.0
Gila	33.1	**	64.1	33.9	118.7
Graham	27.9	**	52.9	28.8	78.7
Greenlee	26.0	**	57.1	**	122.4
Maricopa	17.7	0.5	35.1	17.2	61.6
Mohave	18.4	**	36.5	14.0	74.1
Navajo	31.8	**	62.7	31.3	117.1
Pima	18.1	0.4	33.3	18.1	51.3
Pinal	20.3	0.5	44.2	19.2	89.7
Santa Cruz	26.3	**	52.7	27.3	99.9
Yavapai	18.2	**	36.2	16.8	67.2
Yuma	28.7	**	56.0	26.8	103.6
La Paz	29.9	**	57.3	24.5	116.7
TOTAL STATE	19.0	0.5	37.2	18.6	63.7

Notes: * cell suppressed due to count less than 6; ** cell suppressed due to rate based on count less than 6; † sum rounded to nearest tens unit due to addend less than 6; ¹ the number of births per 1,000 females in specified group.

**TABLE 19
PREGNANCY RATES¹ AND NUMBER OF LIVE BIRTHS, FETAL DEATHS, AND
ABORTIONS TO TEENS BY INDIVIDUAL AGE, ARIZONA, 2011**

Age	Population	PREGNANCIES BY OUTCOME			TOTAL PREGNANCIES	
		Live births	Induced terminations of pregnancy (or abortions)	Spontaneous fetal losses	Number	Rate
10	45,415	*	*	*	0†	**
11	44,502	*	*	*	0†	**
12	43,706	*	6	*	10†	0.2
13	43,979	7	11	*	20†	0.4
14	43,696	93	31	*	120†	2.8
10-14	221,298	101	49	*	150†	0.7
15	43,808	249	73	*	320†	7.4
16	44,542	792	159	*	950†	21.4
17	44,464	1,406	246	10	1,662	37.4
15-17	132,814	2,447	478	14	2,939	22.1
18	46,336	2,399	527	12	2,938	63.4
19	46,707	3,488	731	23	4,242	90.8
18-19	93,043	5,887	1,258	35	7,180	77.2
Total 10-19	447,155	8,440†	1,790†	50†	10,270†	23.0

Notes: * cell suppressed due to count less than 6; ** cell suppressed due to rate based on count less than 6; † sum rounded to nearest tens unit due to addend less than 6; ¹ rates per 1,000 female population in specific group.

**TABLE 20
BIRTHS TO FEMALES 19 OR YOUNGER BY AGE AND COUNTY OF RESIDENCE,
ARIZONA, 2011**

	Total	Mother's age							
		12	13	14	15	16	17	18	19
TOTAL	8,435	0†	10†	90†	250†	790†	1,410†	2,400†	3,488
Apache	150†	*	*	*	*	8	27	43	64
Cochise	180†	*	*	*	*	20	31	48	72
Coconino	190†	*	*	*	*	14	46	48	77
Gila	110†	*	*	*	*	8	22	27	41
Graham	80†	*	*	*	*	8	13	19	40
Greenlee	20†	*	*	*	*	*	*	*	9
Maricopa	4,780†	*	*	58	146	458	777	1,338	1,998
Mohave	210†	*	*	*	7	17	26	65	94
Navajo	280†	*	*	*	8	28	52	74	116
Pima	1,180†	*	*	13	39	114	191	350	476
Pinal	480†	*	*	6	8	48	77	151	190
Santa Cruz	110†	*	*	*	*	6	25	39	32
Yavapai	210†	*	*	*	*	19	35	54	90
Yuma	440†	*	*	*	12	42	76	133	175
La Paz	30†	*	*	*	*	*	*	7	14

Note: * cell suppressed due to count less than 6; † sum rounded to nearest tens unit due to addend less than 6.

**TABLE 21
ABORTIONS TO FEMALES 19 OR YOUNGER BY AGE AND COUNTY OF RESIDENCE,
ARIZONA, 2011**

	Total	12	13	14	15	16	17	18	19
TOTAL	1,784	10†	10†	30†	70†	160†	250†	530†	730†
Apache	0†	*	*	*	*	*	*	*	*
Cochise	30†	*	*	*	*	*	6	6	9
Coconino	40†	*	*	*	*	*	*	10	18
Gila	10†	*	*	*	*	*	*	*	*
Graham	0†	*	*	*	*	*	*	*	*
Greenlee	10†	*	*	*	*	*	*	*	*
Maricopa	1,280†	*	8	19	54	113	170	385	530
Mohave	10†	*	*	*	*	*	*	*	*
Navajo	10†	*	*	*	*	*	*	*	*
Pima	300†	*	*	7	7	27	46	91	122
Pinal	40†	*	*	*	*	7	6	8	18
Santa Cruz	10†	*	*	*	*	*	*	*	*
Yavapai	20†	*	*	*	*	*	7	*	*
Yuma	30†	*	*	*	*	*	*	11	9
La Paz	0†	*	*	*	*	*	*	*	*

Notes: * cell suppressed due to count less than 6; † sum rounded to nearest tens unit due to addend less than 6.

TABLE 22
SOURCES OF PAYMENT FOR LABOR AND DELIVERY, FEMALES 19 OR YOUNGER
BY AGE AND COUNTY OF RESIDENCE, ARIZONA, 2011

	Total	AHCCCS	IHS	Private insurance	Self	Unknown
TOTAL	8,435	7,049	310†	850†	190†	50†
Apache	150†	87	53	*	*	*
Cochise	180†	134	*	30	11	*
Coconino	190†	118	58	13	*	*
Gila	110†	58	41	*	*	*
Graham	80†	48	20	11	*	*
Greenlee	20†	11	*	*	*	*
Maricopa	4,780	4,163	30	491	71	25
Mohave	210†	168	*	34	7	*
Navajo	280†	204	63	12	*	*
Pima	1,183	996	22	133	26	6
Pinal	480†	413	8	49	8	*
Santa Cruz	110†	85	*	6	17	*
Yavapai	210†	178	*	21	*	*
Yuma	440†	366	*	34	40	*
La Paz	30†	20	7	*	*	*

Notes: * cell suppressed due to count less than 6; † sum rounded to nearest tens unit due to addend less than 6.

TABLE 23
SOURCES OF PAYMENT FOR LABOR AND DELIVERY, FEMALES 19 OR YOUNGER
BY AGE GROUP, ARIZONA, 2011

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	8,435	100†	2,447	5,887	
Payee for births	AHCCCS	Count	7,049	85	2,039	4,925
		Percent	83.6	84.2	83.3	83.7
	IHS	Count	310†	*	106	194
		Percent	3.6	*	4.3	3.3
	Private insurance	Count	850†	*	215	625
		Percent	10.0	*	8.8	10.6
	Self	Count	190	6	73	111
		Percent	2.3	5.9	3.0	1.9
	Unknown	Count	50†	0	14	32
		Percent	0.5	*	0.6	0.5

Notes: * cell suppressed due to count less than 6; † sum rounded to nearest tens unit due to addend less than 6.

**TABLE 24
TEENAGE BIRTHS BY NUMBER OF PREVIOUS PREGNANCIES BY AGE GROUP,
ARIZONA, 2011**

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	8,435	100†	2,450†	5,890†	
Total prior pregnancies	None	Count	6,773	100	2,219	4,454
		Percent	80.3	99.0	90.7	75.7
	1	Count	1,400†	*	214	1,187
		Percent	16.6	*	8.7	20.2
	2	Count	220†	*	9	212
		Percent	2.6	*	0.4	3.6
	3	Count	20†	*	*	22
		Percent	0.3	*	*	0.4
	4 or more	Count	0†	*	*	*
		Percent	*	*	*	*
	Unknown	Count	10†	*	*	10
		Percent	0.1	*	*	0.2

**TABLE 25
TEENAGE BIRTHS BY MARITAL STATUS AND AGE GROUP,
ARIZONA, 2011**

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	8,435	100†	2,450†	5,887	
Marital status	Married	Count	910†	*	128	778
		Percent	10.8	*	5.2	13.2
	Unmarried	Count	7,512	100	2,317	5,095
		Percent	89.1	99.0	94.7	86.5
	Other	Count	20†	*	*	14
		Percent	0.2	*	*	0.2

**TABLE 26
TEENAGE BIRTHS BY MOTHER'S EDUCATION AND AGE GROUP
ARIZONA, 2011**

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	8,435	100†	2,450†	5,890†	
Mother's education	< 8	Count	136	21	39	76
		Percent	1.6	20.8	1.6	1.3
	8	Count	316	46	152	118
		Percent	3.7	45.5	6.2	2.0
	9-11	Count	3,784	33	1,850	1,901
		Percent	44.9	32.7	75.6	32.3
	12	Count	3,420†	*	368	3,055
		Percent	40.6	*	15.0	51.9
	13-16	Count	710†	*	17	693
		Percent	8.4	*	0.7	11.8
	17+	Count	10†	*	*	*
		Percent	*	*	*	*
	Unknown	Count	60†	*	21	39
		Percent	0.7	*	0.9	0.7

Notes: * cell suppressed due to count less than 6; † sum rounded to nearest tens unit due to addend less than 6.

**TABLE 27
TEENAGE BIRTHS BY TRIMESTER OF ENTRY INTO PRENATAL CARE
AND AGE GROUP, ARIZONA, 2011**

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	8,435	100†	2,447	5,887	
Prenatal care	No care	Count	*	71	138	
		Percent	2.5	*	2.9	2.3
	1st trimester	Count	5,790	61	1,563	4,166
		Percent	68.6	60.4	63.9	70.8
	2nd trimester	Count	1,911	29	614	1,268
		Percent	22.7	28.7	25.1	21.5
	3rd trimester	Count	485	8	190	287
		Percent	5.7	7.9	7.8	4.9
	Unknown	Count	40†	*	9	28
		Percent	0.4	*	0.4	0.5

**TABLE 28
TEENAGE BIRTHS BY NUMBER OF PRENATAL VISITS AND AGE GROUP,
ARIZONA, 2011**

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	8,435	100†	2,447	5,887	
Prenatal visits	No visits	Count	*	71	138	
		Percent	2.5	*	2.9	2.3
	1-4 visits	Count	490	12	169	309
		Percent	5.8	11.9	6.9	5.2
	5-8 visits	Count	1,787	30	562	1,195
		Percent	21.2	29.7	23.0	20.3
	9-12 visits	Count	3,926	38	1,095	2,793
		Percent	46.5	37.6	44.7	47.4
	13+ visits	Count	1,972	18	539	1,415
		Percent	23.4	17.8	22.0	24.0
	Unknown	Count	50†	*	11	37
		Percent	0.6	*	0.4	0.6

Notes: * cell suppressed due to count less than 6; † sum rounded to nearest tens unit due to addend less than 6.

TABLE 29
TOBACCO AND/OR ALCOHOL USE DURING PREGNANCY AMONG FEMALES
19 OR YOUNGER BY AGE GROUP, ARIZONA, 2011

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	8,435	100†	2,450†	5,887	
Substance use	Drinker, nonsmoker	Count	10†	*	*	10
		Percent	0.1	*	*	0.2
	Smoker, nondrinker	Count	340†	*	63	276
		Percent	4.0	*	2.6	4.7
	Smoker and drinker	Count	20†	*	*	13
		Percent	0.2	*	*	0.2
	Nonsmoker and nondrinker	Count	8,069	100	2,381	5,588
		Percent	95.7	99.0	97.3	94.9

Notes: * cell suppressed due to count less than 6; † sum rounded to nearest tens unit due to addend less than 6.

**TABLE 30
RISK FOR LOW-BIRTHWEIGHT (LBW) BIRTHS BY SELECTED CHARACTERISTICS OF FEMALES 19 OR YOUNGER,
ARIZONA, 2011**

	Mother's age group											
	<15				15-17				18-19			
	Total births	LBW births Count	LBW births Percent	Total births	LBW births Count	LBW births Percent	Total births	LBW births Count	LBW births Percent			
Race/ethnicity	White non-Hispanic	13	*	*	494	42	8.5	1,582	128	8.1		
	Hispanic or Latino	61	*	*	1,467	131	8.9	3,103	211	6.8		
	Black or African American	10	*	*	152	15	9.9	399	60	15.0		
	American Indian or Alaska Native	14	*	*	293	29	9.9	680	46	6.8		
	Asian	*	*	*	24	*	*	81	9	11.1		
	Native Hawaiian or Pacific Islander	*	*	*	*	*	*	*	*	*		
	Other	*	*	*	*	*	*	6	*	*		
Unknown	*	*	*	11	*	*	34	*	*			
Substance use	Drinker, nonsmoker	*	*	*	*	*	*	10	*	*		
	Smoker, nondrinker	*	*	*	63	9	14.3	276	30	10.9		
	Smoker and drinker	*	*	*	*	*	*	13	*	*		
	Nonsmoker and nondrinker	100	*	*	2,381	215	9.0	5,588	429	7.7		
Payee for births	AHCCCS	85	*	*	2,039	193	9.5	4,925	398	8.1		
	IHS	*	*	*	106	*	*	194	7	3.6		
	Private insurance	*	*	*	215	21	9.8	625	46	7.4		
	Self	6	*	*	73	*	*	111	8	7.2		
	Unknown	*	*	*	14	*	*	32	*	*		
Length of gestation	36 weeks or less	*	*	*	239	156	65.3	521	310	59.5		
	37 weeks or more	96	*	*	2,208	69	3.1	5,361	150	2.8		
	Unknown	*	*	*	*	*	*	*	*	*		
Prenatal visits	Less than 5	15	*	*	240	46	19.2	447	63	14.1		
	5 or more	86	*	*	2,196	178	8.1	5,403	391	7.2		
	Unknown	*	*	*	11	*	*	37	7	18.9		

Note: * cell suppressed due to 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, 2011**

	POPULATION				
	All 19 years or younger	10-14 years	15-19 years	15-17 years	18-19 years
All groups	447,155	221,298	225,857	132,814	93,043
White non-Hispanic	201,862	98,072	103,790	59,892	43,898
Hispanic or Latino	175,162	88,963	86,199	51,902	34,297
Black or African American	23,290	11,342	11,948	7,034	4,914
American Indian or Alaska Native	34,119	16,480	17,639	10,364	7,275
Asian or Pacific Islander	12,723	6,441	6,282	3,622	2,660

Note: The 2011 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
All groups	10,269	150	10,119	2,939	7,180
White non-Hispanic	2,392	23	2,369	577	1,792
Hispanic or Latino	5,297	78	5,219	1,653	3,566
Black or African American	580	10	570	157	413
American Indian or Alaska Native	997	14	983	298	685
Asian or Pacific Islander	120†	*	113	26	87

	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	23.0	0.7	44.8	22.1	77.2
White non-Hispanic	11.8	0.2	22.8	9.6	40.8
Hispanic or Latino	30.2	0.9	60.5	31.8	104.0
Black or African American	24.9	0.9	47.7	22.3	84.0
American Indian or Alaska Native	29.2	0.8	55.7	28.8	94.2
Asian or Pacific Islander	10†	**	18.0	7.2	32.7

Notes: * cell suppressed due to count less than 6; ** cell suppressed due to rate based on 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, 2011**

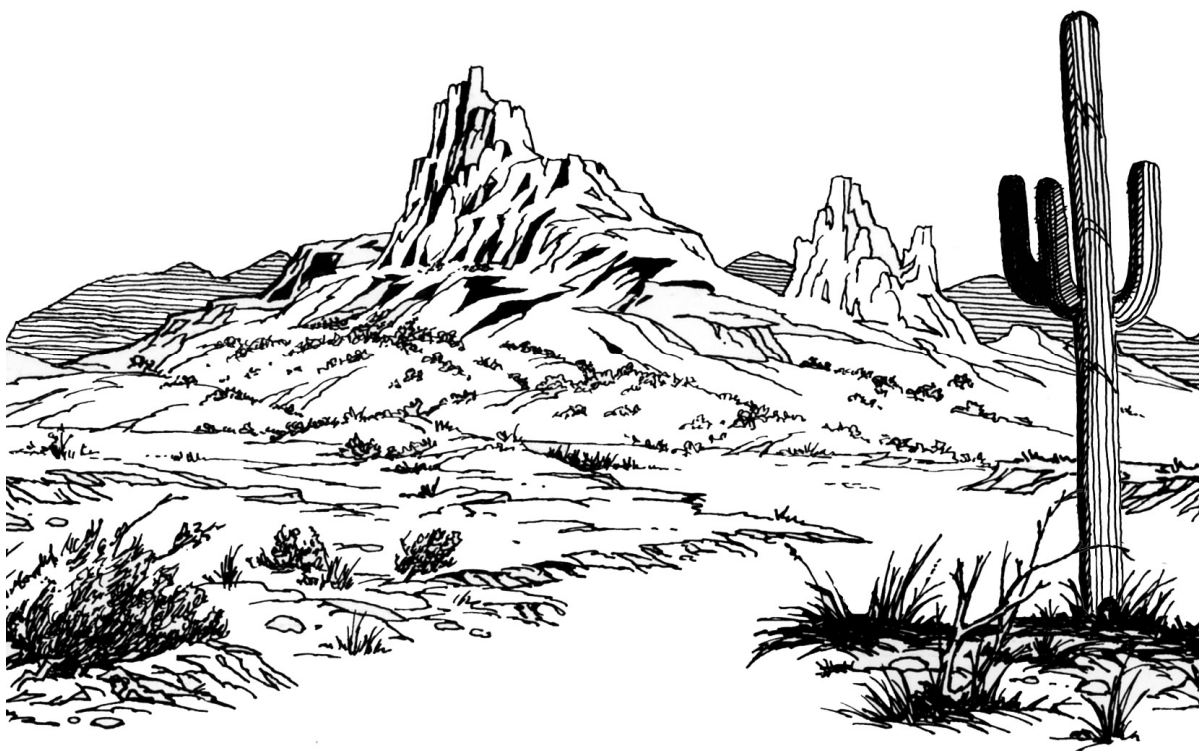
	All 19 years or younger	10-14 years	15-19 years		
			15-19 years	15-17 years	18-19 years
ARIZONA	447,155	221,298	225,857	132,814	93,043
Apache	6,440	3,140	3,300	2,122	1,178
Cochise	8,259	4,011	4,248	2,524	1,724
Coconino	11,172	4,227	6,945	2,691	4,254
Gila	3,174	1,568	1,606	1,033	573
Graham	2,984	1,414	1,570	811	759
Greenlee	616	336	280	182	98
La Paz	972	465	507	327	180
Maricopa	272,077	136,807	135,270	80,746	54,524
Mohave	11,469	5,739	5,730	3,582	2,148
Navajo	8,799	4,374	4,425	2,806	1,619
Pima	65,761	30,410	35,351	19,165	16,186
Pinal	24,220	13,265	10,955	7,068	3,887
Santa Cruz	4,157	2,099	2,058	1,338	720
Yavapai	11,250	5,658	5,592	3,447	2,145
Yuma	15,805	7,785	8,020	4,972	3,048

Note: The 2011 population denominators are population estimates. For more information visit:
<http://www.azdhs.gov/plan/menu/info/pd.htm>

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Comments
A. The number of females 15-19 years old	183,057	188,780	194,127	200,676	208,105	213,698	215,079	218,545	220,555	224,302	225,857	Genus enumerations for 2010; population estimates for 2001-2011.
B. The number of births to females 15-19 years old	11,591	11,268	11,489	11,676	11,748	12,746	12,792	12,000	10,820	9,311	8,334	Based on the birth database.
C. The rate of births (B/A)*1,000	63.3	59.7	59.2	58.2	56.5	59.6	59.4	54.9	49.1	41.5	37.2	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	26,231	25,433	25,346	25,568	25,761	26,916	27,486	26,958	25,352	25,892	34,226	Mothers who gave birth when 15-19 years old. As an example, the 2011 cohort of mothers who were 15-19 years old includes 8,334 who gave birth that year and 25,892 who gave birth prior to 2011 and were still 15-19 years old in 2011 (Table 13).
E. The number of females 15-19 years old who had a birth previously (D-B)	14,640	14,165	13,857	13,892	14,013	14,170	14,694	14,958	14,532	16,581	25,892	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	2,680	2,533	2,567	2,590	2,488	2,864	2,800	2,658	2,252	1,898	1,651	Table 1B-24 in "Arizona Health Status and Vital Statistics" annual report.
G. The rate of repeat childbearing (F/E)*1,000	183.1	178.8	185.2	186.4	177.5	202.1	190.6	177.7	155.0	114.4	63.8	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)	168,417	174,615	180,270	186,784	194,092	199,528	200,385	203,587	206,023	207,721	199,965	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	8,870	8,699	8,922	9,071	9,259	9,880	9,992	9,342	8,568	7,409	6,683	Table 1B-24 in "Arizona Health Status and Vital Statistics" annual report.
J. The rate of first-time births (I/H)*1,000	52.7	49.8	49.5	48.6	47.7	49.5	49.9	45.9	41.6	35.7	33.4	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**