

TEENAGE PREGNANCY

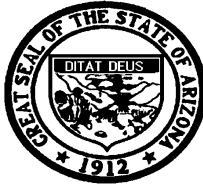
Arizona, 1995-2005



Public Health Services

Bureau of Public Health Statistics
Health Status and Vital Statistics Section

~ Leadership for a Healthy Arizona ~



Janet Napolitano, Governor
State of Arizona

Susan Gerard, *Director*
Arizona Department of Health Services

Health Status 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

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.



Office of the Director

150 North 18th Avenue, Suite 500
Phoenix, Arizona 85007
(602) 542-1025
(602) 542-1062 FAX

JANET NAPOLITANO, GOVERNOR
SUSAN GERARD, DIRECTOR

January 2007

Dear Arizona Residents,

I am encouraged by the 20th annual report on teen pregnancy in Arizona. Our state is mirroring the national trend of a decrease in the teen pregnancy rate. This report illustrates that teen pregnancy in Arizona has been decreasing since 1998 and that in 2005 it was 5.5 percent lower than in 2004. This is encouraging news.

However, it is important to note that although in 2005 the average teen pregnancy rate dropped, nearly 14,000 women age 19 or younger in Arizona became pregnant. Approximately 61% of live births to teens were born to Hispanic mothers. Based on national-level research, we can assume that the vast majority of these pregnancies were unintended.

It is important not to interpret this decrease as reason to no longer address teenage pregnancy because we know that teenage pregnancy tends to have a negative impact on the mother and child alike. For example, teen mothers are less likely to finish school and more likely to be single parents. Less than one-third of teens who become mothers before age 18 ever earn a high school diploma and only 1.5% earn a college degree by age 30. In addition, there are several medical risk factors during pregnancy that are more prevalent among teens. For example, poor weight gain, pregnancy-induced hypertension and anemia. Similarly, children born to teen mothers have a higher prevalence of health-related problems and low birth weight, the latter which raises the probability of infant death, blindness, deafness, and chronic respiratory problems. Irregardless of their greater need for healthcare, they tend to receive less medical treatment as compared to the children of older mothers.

Therefore, while the results from this report are promising much work remains to be done to ensure that teenage girls are able to develop physically, emotionally and cognitively before entering motherhood. I encourage both the Arizona Department of Health Services staff and our partners to continue their meaningful work in developing and implementing programs to work with teenage girls, their partners and families to educate and promote teenagers to delay childbirth.

Sincerely,

A handwritten signature in black ink that reads "Susan Gerard". The signature is fluid and cursive, with the first and last names clearly legible.

Susan Gerard
Director

TEENAGE PREGNANCY, ARIZONA, 1995-2005

by

Christopher K. Mrela, Ph.D., *Assistant Registrar of Vital Statistics*
Clare Torres, *Senior Health Data Analyst*

November 2006

TEENAGE PREGNANCY, ARIZONA, 1995-2005

Table of Contents

PURPOSE.....	1
METHODS AND SOURCES.....	1
DATA ORGANIZATION.....	1
COMPARATIVE NATIONAL AND STATE DATA.....	1
KEY FINDINGS.....	2
DATA TABLES.....	13

List of Figures

Figure 1	3
PREGNANCY RATES BY AGE GROUP AND YEAR AMONG FEMALES 19 OR YOUNGER, ARIZONA, 1995-2005	
Figure 2	3
TRENDS IN THE NUMBER OF PREGNANCIES AND PREGNANCY RATES AMONG FEMALES 19 OR YOUNGER, ARIZONA, 1995-2005	
Figure 3	4
TRENDS IN THE NUMBER OF PREGNANCIES BY RACE/ETHNICITY AMONG FEMALES 19 OR YOUNGER, ARIZONA, 1995-2005	
Figure 4	4
TRENDS IN THE NUMBER OF LIVE BIRTHS BY RACE/ETHNICITY AMONG FEMALES 19 OR YOUNGER, ARIZONA, 1995-2005	
Figure 5	5
PROPORTIONAL CONTRIBUTION OF SURGICAL AND NON-SURGICAL ABORTIONS BY YEAR AMONG FEMALES 19 OR YOUNGER, ARIZONA, 2001-2005	
Figure 6	5
PROPORTIONAL CONTRIBUTION OF NON-SURGICAL AND SURGICAL ABORTIONS BY RACE/ETHNICITY AMONG FEMALES 19 OR YOUNGER, ARIZONA, 2005	
Figure 7	6
RATES OF FIRST AND REPEAT BIRTHS TO FEMALES AGED 15-19 YEARS, ARIZONA, 2000-2005	
Figure 8	6
COMPARISON OF PREGNANCY RATES BY RACE/ETHNIC GROUP AMONG FEMALES AGE 19 OR YOUNGER IN ARIZONA, 2000-2005	
Figure 9	7
BIRTHS TO MOTHERS 19 OR YOUNGER BY MARITAL STATUS, ARIZONA, 1985, 1995 AND 2005	
Figure 10	7
NUMBER OF BIRTHS TO MOTHERS 19 OR YOUNGER BY PAYEE, ARIZONA, 1995 AND 2005	
Figure 11	8
CUMULATIVE NUMBER OF MOTHERS WHO WERE 19 OR YOUNGER IN ARIZONA BY YEAR, 2000-2005	
Figure 12	8
BIRTH RATES AMONG ALL FEMALES 15-19 YEARS OLD AND HISPANIC OR LATINO FEMALES 15-19 YEARS OLD IN ARIZONA (2000-2005) AND NATIONALLY (2000-2004)	
Figure 13	9
BIRTH RATES FOR 15-19 YEARS OLD BY STATE OR TERRITORY, UNITED STATES, 2004	
Figure 14	10
BIRTH RATES FOR 15-17 YEARS OLD BY STATE OR TERRITORY, UNITED STATES, 2004	
Figure 15	11
BIRTH RATES FOR 18-19 YEARS OLD BY STATE OR TERRITORY, UNITED STATES, 2004	

List of Tables

<u>Table 1</u>	14
PREGNANCIES AND PREGNANCY OUTCOME BY AGE GROUP AND YEAR, FEMALES 19 OR YOUNGER, ARIZONA, 1995-2005	
<u>Table 2</u>	15
PREGNANCY RATES BY PREGNANCY OUTCOME, AGE GROUP AND YEAR, FEMALES 19 OR YOUNGER, ARIZONA, 1995-2005	
<u>Table 3</u>	16
LIVE BIRTHS TO FEMALES 19 OR YOUNGER BY AGE GROUP, RACE/ETHNIC GROUP AND YEAR, ARIZONA, 1995-2005	
<u>Table 4</u>	17
ABORTIONS TO FEMALES 19 OR YOUNGER BY AGE GROUP, RACE/ETHNIC GROUP AND YEAR, ARIZONA, 1995-2005	
<u>Table 5</u>	18
NUMBER OF PREGNANCIES BY PREGNANCY OUTCOME, RACE/ETHNIC GROUP AND YEAR AMONG FEMALES AGE 17 OR YOUNGER WITH RATES, ARIZONA, 1995-2005	
<u>Table 6</u>	19
NUMBER OF PREGNANCIES BY PREGNANCY OUTCOME, RACE/ETHNIC GROUP AND YEAR AMONG FEMALES 15-17 YEARS OLD WITH RATES, ARIZONA, 1995-2005	
<u>Table 7</u>	20
NUMBER OF PREGNANCIES BY PREGNANCY OUTCOME, RACE/ETHNIC GROUP AND YEAR AMONG FEMALES 18-19 YEARS OLD WITH RATES, ARIZONA, 1995-2005	
<u>Table 8</u>	21
NUMBER OF PREGNANCIES BY PREGNANCY OUTCOME, RACE/ETHNIC GROUP AND YEAR AMONG FEMALES 19 OR YOUNGER WITH RATES, ARIZONA, 1995-2005	
<u>Table 9</u>	22
TRENDS IN PREGNANCY RATES BY COUNTY OF RESIDENCE AMONG FEMALES 10-17 AND 18-19 YEARS OLD, ARIZONA, 1995-2005	
<u>Table 10A</u>	23
PREGNANCIES AND PREGNANCY RATES, FEMALES 19 OR YOUNGER BY COUNTY OF RESIDENCE, ARIZONA, 2005	
<u>Table 10B</u>	24
BIRTHS AND BIRTH RATES, FEMALES 19 OR YOUNGER BY COUNTY OF RESIDENCE, ARIZONA, 2005	
<u>Table 11</u>	25
PREGNANCY RATES AND NUMBER OF LIVE BIRTHS, FETAL DEATHS AND ABORTIONS TO TEENS BY INDIVIDUAL AGE, ARIZONA, 2005	
<u>Table 12</u>	26
BIRTHS TO FEMALES 19 OR YOUNGER BY AGE AND COUNTY OF RESIDENCE, ARIZONA, 2005	
<u>Table 13</u>	27
ABORTIONS TO FEMALES 19 OR YOUNGER BY AGE AND COUNTY OF RESIDENCE, ARIZONA, 2005	
<u>Table 14</u>	28
SOURCES OF PAYMENT FOR LABOR AND DELIVERY, FEMALES 19 OR YOUNGER BY AGE AND COUNTY OF RESIDENCE, ARIZONA, 2005	
<u>Table 15</u>	29
SOURCES OF PAYMENT FOR LABOR AND DELIVERY, FEMALES 19 OR YOUNGER BY AGE GROUP, ARIZONA, 2005	

List of Tables (continued)

Table 16	30
TEENAGE BIRTHS BY NUMBER OF PREVIOUS PREGNANCIES BY AGE GROUP, ARIZONA, 2005	
Table 17	30
TEENAGE BIRTHS BY MARITAL STATUS AND AGE GROUP, ARIZONA, 2005	
Table 18	30
TEENAGE BIRTHS BY MOTHER'S EDUCATION AND AGE GROUP, ARIZONA, 2005	
Table 19	31
TEENAGE BIRTHS BY TRIMESTER OF ENTRY INTO PRENATAL CARE AND AGE GROUP, ARIZONA, 2005	
Table 20	31
TEENAGE BIRTHS BY NUMBER OF PRENATAL VISITS AND AGE GROUP, ARIZONA, 2005	
Table 21	32
TOBACCO AND/OR ALCOHOL USE DURING PREGNANCY AMONG FEMALES 19 OR YOUNGER BY AGE GROUP, ARIZONA, 2005	
Table 22	33
RISK FOR LOW-BIRTHWEIGHT (LBW) BIRTHS BY SELECTED CHARACTERISTICS OF FEMALES 19 OR YOUNGER, ARIZONA, 2005	
Table 23	34
LIVE BIRTHS TO FEMALES 19 OR YOUNGER AS A PERCENTAGE OF TOTAL LIVE BIRTHS BY AREA, RACE/ETHNIC GROUP AND YEAR, ARIZONA. 1995-2005	
Table 24	35
BIRTH RATES BY AGE GROUP FOR FEMALES 19 OR YOUNGER, ARIZONA AND UNITED STATES, 1995-2005	
Table 25	36
REPEAT PREGNANCIES AMONG TEENAGE MOTHERS GIVING BIRTH BY AGE AND YEAR, ARIZONA, 1995-2005	
Table 26	37
CUMULATIVE NUMBER OF MOTHERS WHO WERE 19 OR YOUNGER IN ARIZONA IN 2005	
Table 27	38
POPULATION OF FEMALES 19 OR YOUNGER, NUMBER OF PREGNANCIES AND PREGNANCY RATES BY AGE GROUP AND RACE/ETHNICITY, ARIZONA, 2005	
Table 28	39
POPULATION OF FEMALES 19 OR YOUNGER BY COUNTY OF RESIDENCE, ARIZONA 2005	
Appendix	40
HOW TO COMPUTE THE RATES OF FIRST AND REPEAT CHILDBEARING	

PURPOSE

This report is the 2005 update of information about pregnancies among females under age 20. The data for 2005 is placed in a temporal context by comparing it with the data from the preceding years.

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.

Population denominators for Arizona's resident females, used to calculate rates, are projections from the Population Statistics Unit in the Arizona Department of Economic Security (data for 1995-1999) or census enumerations from the U.S. Census Bureau (data for 2000).

In order to obtain the population denominators for 2001-2005, the 2000 percentages of population breakdowns (or census shares) by age group and gender were applied to total state and total county annual population estimates released by the Department of Economic Security.

DATA ORGANIZATION

Tables 1-9 present annual numbers and rates of pregnancy, fertility and abortion by year from 1995 to 2005, age group and race/ethnicity for Arizona teens. Temporal trends and changes may be assessed from this data. Table 11 provides pregnancy rates by single year of age among females aged 19 and younger. Tables 9-10 and 12-14 provide data by county of residence. Live births to teenage mothers are also reported in Tables 15-22 by marital status, education, previous pregnancies, trimester of entry into prenatal care, source of payment for labor and delivery and tobacco and alcohol use during pregnancy. Proportional contribution of teen births to all births is shown in Table 23 by area of residence and race/ethnic group in Arizona from 1995 to 2005. Table 24 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 1995 to 2005 in Table 25. The estimated number of mothers who were under the age of 20 in Arizona in 2005 is given in Table 26. The 2005 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 27 and Table 28.

COMPARATIVE NATIONAL AND STATE DATA

Timely and reliable teen pregnancy statistics for other States and the Nation are not easily available. "*Health, United States, 2005*", the premier annual publication of Department of Health and Human Services, contains no information about pregnancies. The latest available national teenage birth rates for 2004 were published at the end of September, 2006. No national abortion data have been available since the 2002 calendar data year, and no fetal death data since 2001. The National Center for Health Statistics (NCHS), the principal health statistics agency, published the teen pregnancy rates for the last time for the 2000 calendar data year.

Data on abortions and pregnancies are also published by the Alan Guttmacher Institute (AGI). Its latest report, *“U.S. Teenage Pregnancy Statistics. National and State Trends and Trends by Race/Ethnicity”* was updated in September 2006. It includes pregnancy estimates by outcome for 1972-2003. The Alan Guttmacher Institute uses the NCHS data for the number of births and its own estimates of abortions and miscarriages. The number of abortions is calculated from surveys the Institute conducts of known abortion providers. However, the number of abortions by state of residence, woman’s age or Hispanic origin is not available from these surveys. The Alan Guttmacher Institute calculates these numbers by applying the distributions of characteristics compiled by the CDC Division of Reproductive Health (which receives the data from State health departments) to the results of its Abortion Provider Survey. For instance, abortion estimates by age group and state are “based on proportion of abortions obtained by women of the same age in neighboring and similar states”.* Unfortunately, the above approach does little to reveal the actual state-specific patterns of abortion practices, particularly when the states differ with respect to the accessibility of abortion providers or the prevalence of minorities among resident women in the childbearing ages (15-44 years).

In addition and unlike other data sources, the Alan Guttmacher Institute includes in its estimation of the number of pregnancies the estimated numbers of miscarriages: “The number of miscarriages was estimated as 20 percent of births plus 10 percent of abortions”.** Again, this approach does little to reveal the actual differences in the miscarriage risks by age group, race/ethnicity or area.

No comparable state-by-state data for 2005 are available at this time. Figures 13, 14 and 15 compare the birth rates among females 15-19, 15-17 and 18-19 years old in 2004 in the 50 states, the District of Columbia, and the territories.

Given the lack of comparative data, this report is particularly important both to inform the Arizona Department of Health Service’s programs as well as those of our external partners. It is our hope that by publishing this data, programs and policies across the state will be better equipped to address the differential needs of teenagers in working towards reducing teen pregnancy among all race/ethnic groups, regardless of their level of income and/or place of residence.

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. Below are some highlights from the report:

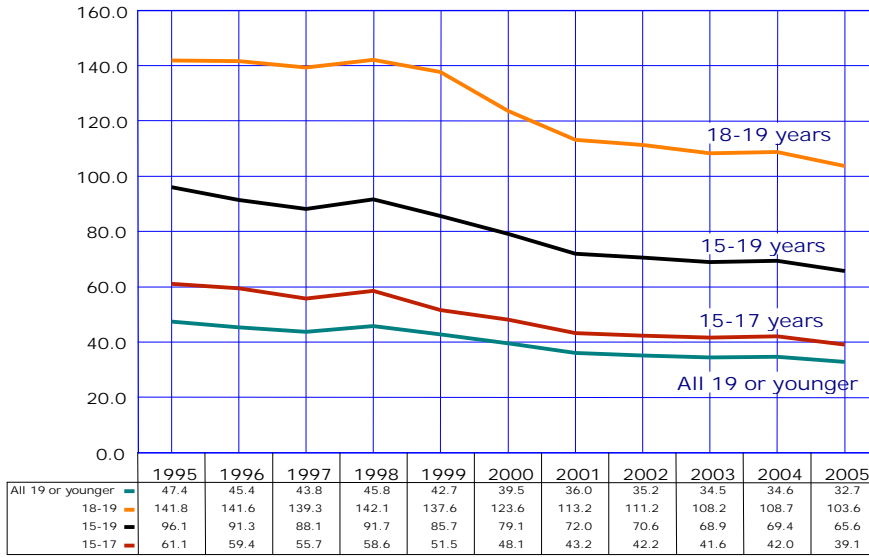
- From 1995 to 2005, teen pregnancy rate overall has fallen by 31 percent.
- However, the number of pregnancies increased among Hispanic teens by 31.3 percent between 1995 and 2004 and slightly declined in 2005.
- Although both first and repeat birth rates have fallen on average between 2000 and 2005, they have increased slightly for American Indians and the decline has been slower for Blacks, Hispanics and Asians, as compared to Whites.
- Number of teen births paid for by AHCCCS increased by 26% from 1995 to 2005.

**Abortion Factbook 1992 Edition. Readings, Trends and State and Local Data to 1988.* Stanley K. Henshaw and Jennifer Van Vort, eds. New York: The Alan Guttmacher Institute 1992.

** *U.S. Teenage Pregnancy Statistics. National and State Trends and Trends by Race/Ethnicity.* New York: Guttmacher Institute. Updated September 2006.

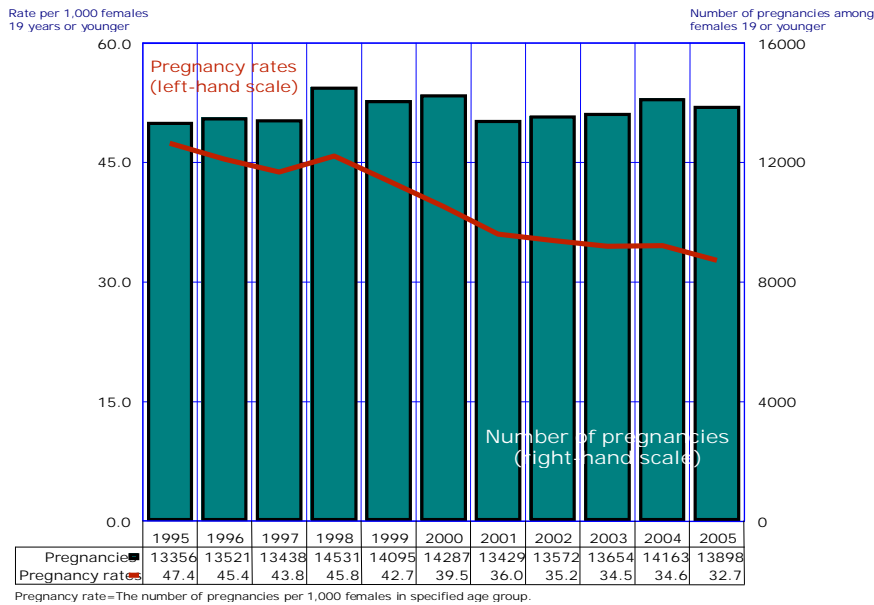
KEY FINDINGS

Figure 1
Pregnancy Rates by Age Group and Year Among
Females 19 or Younger, Arizona, 1995-2005



The pregnancy rate for Arizona teenagers 15-19 years old in 2005 was 65.6 pregnancies per 1,000 females (Figure 1, Table 2), 5.5 percent lower than in 2004. The pregnancy rate for younger teenagers 15-17 years also slightly decreased in 2005 to 39.1/1,000. Similarly, the pregnancy rate for older teenagers 18-19 years old decreased from 108.7 in 2004 to 103.6 in 2005 (Figure 1).

Figure 2
Trends in the Number of Pregnancies and Pregnancy Rates
Among Females 19 or Younger,
Arizona, 1995-2005

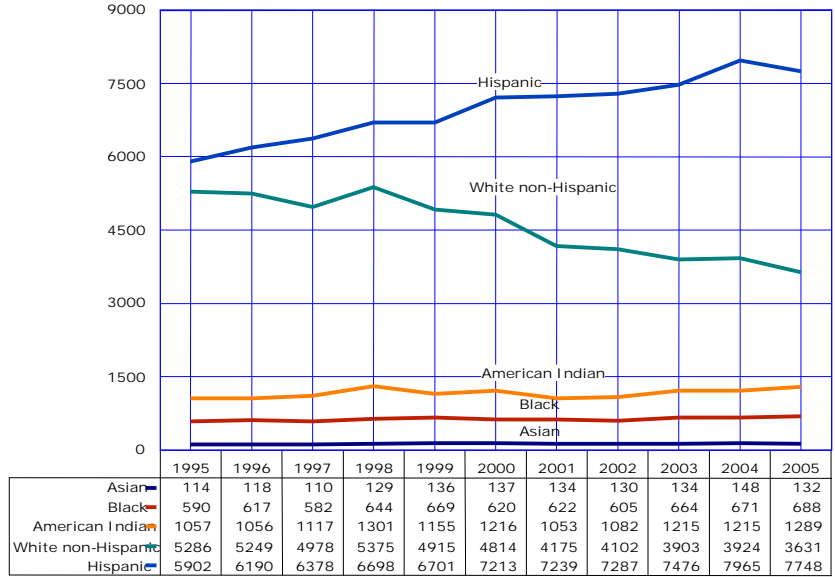


The pregnancy rate measures the proportion of teenagers becoming pregnant in a given year; the relative "risk for pregnancy" in a population "at risk". The number of pregnancies is, however, also determined by the size of the population "at risk": by the number of teenage females in the population. While the teen pregnancy rate has fallen in Arizona, the drop in the rate has not been enough to offset the growth in the female teenage population. The number of pregnancies among all females aged 19 years and younger decreased from 14,163 in 2004 to 13,898 in 2005 (Table 1). However, compared to 1995-1997 or 2001-2003, there were no fewer teen pregnancies in 2005 (Figure 2), but fewer pregnancies per 1,000 teenage females.

KEY FINDINGS

Figure 3
Trends in the Number of Pregnancies* by Race/Ethnicity
Among Females 19 or Younger,
Arizona, 1995-2005

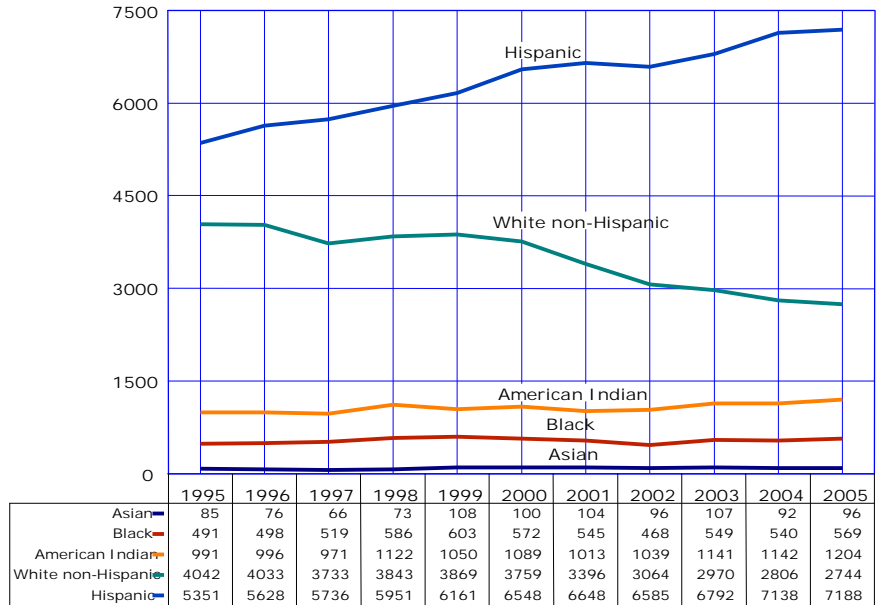
The number of pregnancies to Hispanic females aged 19 years or younger exceeded the number of pregnancies among white non-Hispanic peers in every year since 1994 (Figure 3 and Table 8 in this report show only the data for 1995-2005). In 2005, Hispanic or Latino mothers accounted for 55.7 percent of all pregnancies in this age group, followed by White non-Hispanics (26.1 percent). Black or African American, Asian or Pacific Islander and American Indian females aged 19 years or younger accounted for a slightly larger share of pregnancies in 2005 (18.2 percent) than they did in 1995 (16.3 percent).



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

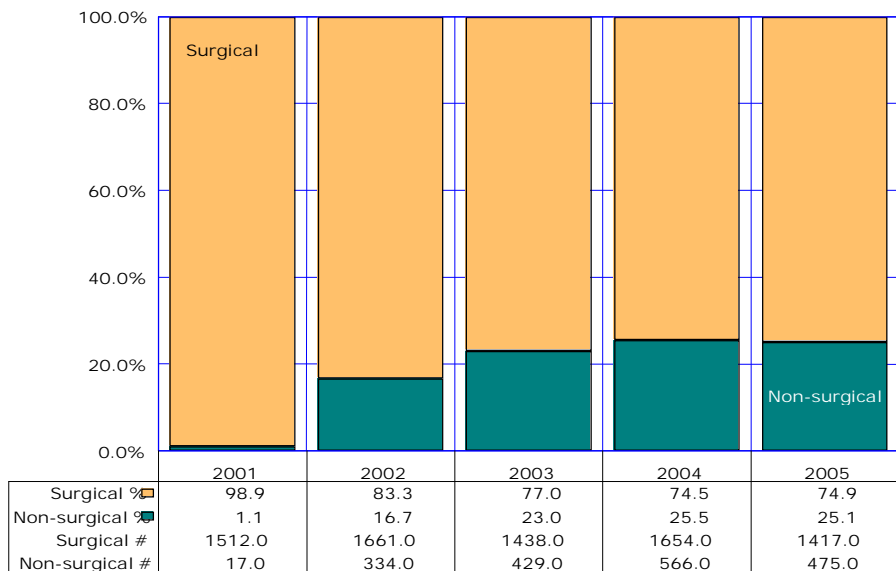
Figure 4
Trends in the Number of Live Births by Race/Ethnicity
Among Females 19 or Younger,
Arizona, 1995-2005

The number of live births to Hispanic or Latino mothers aged 19 years and younger exceeded the number of births among White non-Hispanic peers in every year from 1995 to 2005 (Figure 4, Table 3, Table 8). While the number of live births to White non-Hispanic mothers declined by 32.1 percent from 1995 to 2005, the number of live births to Hispanic or Latino mothers increased by 34.3 percent during the same time. The number of live births to Asian or Pacific Islander mothers changed very little from 85 in 1995 to 96 in 2005. In contrast, the number of live births to American Indian mothers increased by 21.5 percent from 991 in 1995 to 1,204 in 2005. The number of births to Black or African American mothers also increased by 15.9 percent from 491 in 1995 to 569 in 2005.



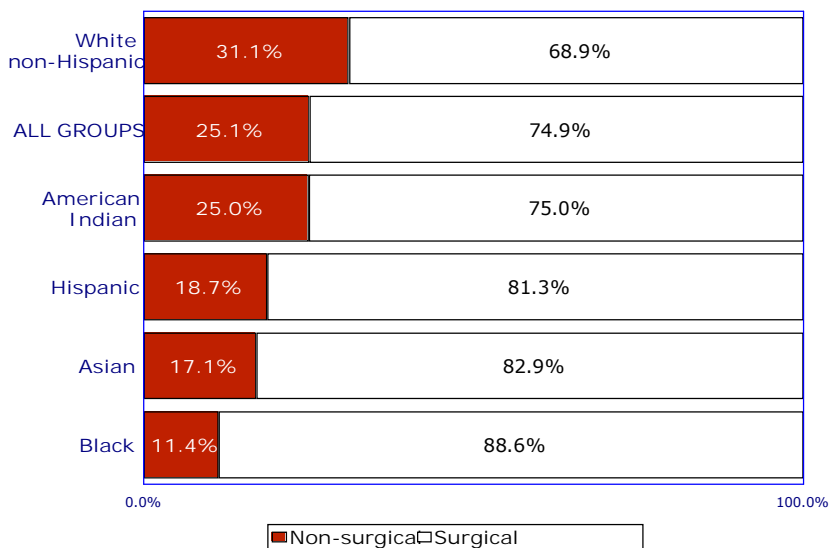
KEY FINDINGS

Figure 5
Proportional Contribution of Surgical and Non-Surgical Abortions
by Year Among Females 19 or Younger,
Arizona, 2001-2005



The number of reported abortions to females 19 years or younger decreased from 2,220 in 2004 to 1,892 in 2005 (Table 1). It is unclear, whether this decrease represents a true decline in the number of abortions performed or, perhaps a lower response rate from providers. In 2005, as in 2004, non-surgical abortions accounted for approximately 25 percent of all procedures reported in Arizona for females 19 years old or younger.

Figure 6
Proportional Contribution of Non-Surgical and Surgical Abortions by
Race/Ethnicity Among Females 19 or Younger,
Arizona, 2005



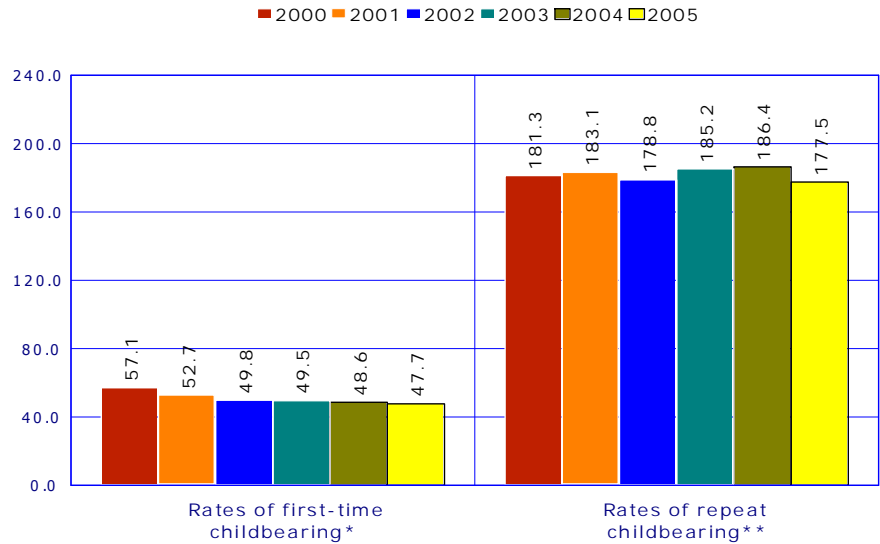
Only among White non-Hispanic teens the proportion of non-surgical abortions exceeded the average for all groups. The ratios of reported non-surgical abortions among Black and Asian females were the lowest among ethnic groups.

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

KEY FINDINGS

Figure 7
Rates of First and Repeat Births to Females Aged 15-19 Years, Arizona, 2000-2005

The declines from 2000 to 2005 in teenage birth rates have reflected reductions both in the first and the repeat birth rates (Figure 7). The first birth rate for childless teenagers has dropped 16.5 percent from 57.1 first-time births per 1,000 females 15-19 years old in 2000, to 47.7/1,000 in 2005. The repeat birth rates for teenagers who had already had a child declined by 4.8 percent from 186.4 in 2004 to 177.5 in 2005 (Figure 7). Eighteen percent of teenagers (177.5/1,000) who already had one child gave birth again in 2005, compared to nineteen percent (186.4/1,000) in 2004.

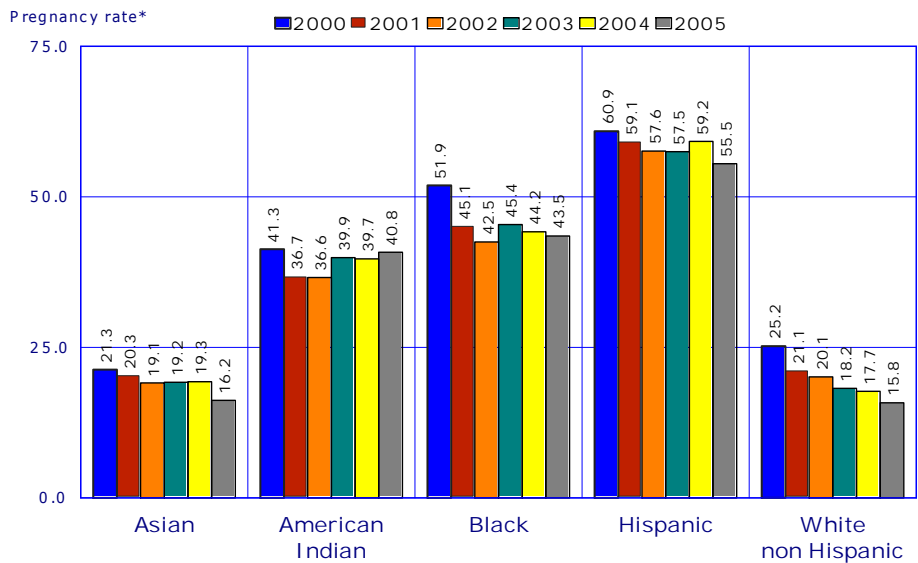


* Number of first births per 1,000 females 15-19 years old who have not had a birth.
 ** Number of repeat births per 1,000 females 15-19 years old who have had a birth previously.
 See *Appendix "How to compute the rates of first and repeat childbearing?"*

Figure 8
Comparison of Pregnancy Rates* by Ethnic Group Among Females Aged 19 and Younger in Arizona, 2000-2005

Between 2000 and 2005, pregnancy rates among females aged 19 years or younger declined for all ethnic populations (Figure 8). The pregnancy rate for White non-Hispanic females 19 years or younger decreased by 37.3 percent from 25.2 in 2000 to 15.8 in 2005. Asian or Pacific Islander, Black or African American and Hispanic or Latino females experienced not quite as steep reductions in their pregnancy rates.

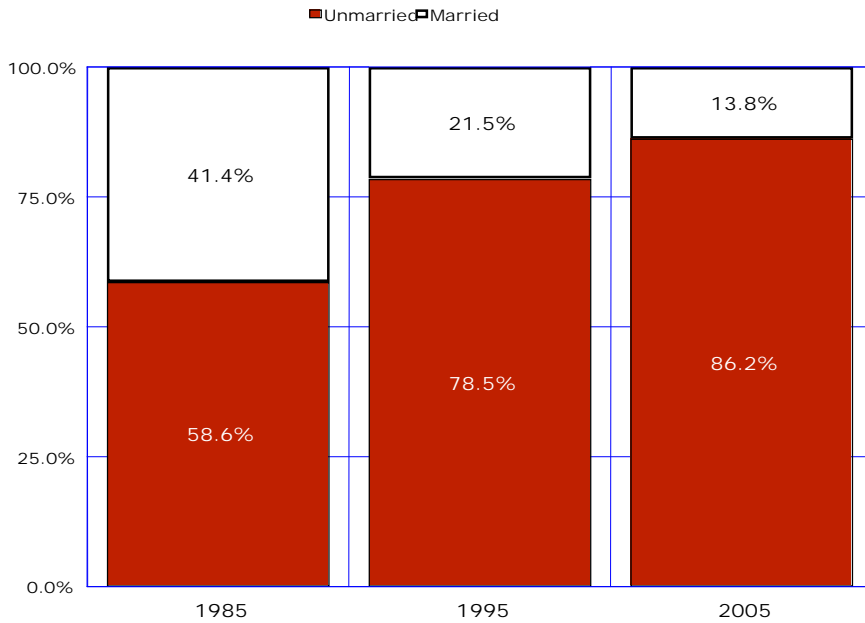
The pregnancy rates for American Indian females aged 19 and younger increased again both in 2003 and 2005. The 2005 pregnancy rate of 40.8 pregnancies per 1,000 American Indian females 19 years old or younger differed from the 2000 rate by a mere 1.2 percent.



* Number of pregnancies per 1,000 females 10-19 years old in specified group.

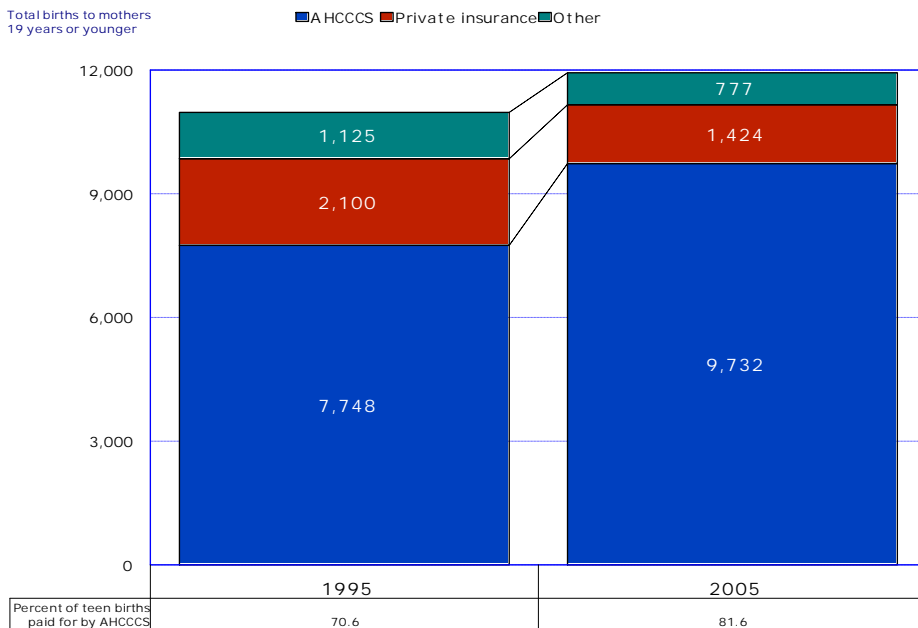
KEY FINDINGS

Figure 9
Births to Mothers 19 or Younger by Marital Status,
Arizona, 1985, 1995 and 2005



Unwed mothers have accounted for an increasing annual proportion of births throughout the 1980s and 1990s. Two decades ago, the proportion of nonmarital births among teenagers 19 years old or younger was still below 60 percent). In 2005, nonmarital births accounted for 86.2 percent of births to mothers 19 years or younger.

Figure 10
Number of Births to Mothers 19 Years or Younger by Payee,
Arizona, 1995 and 2005

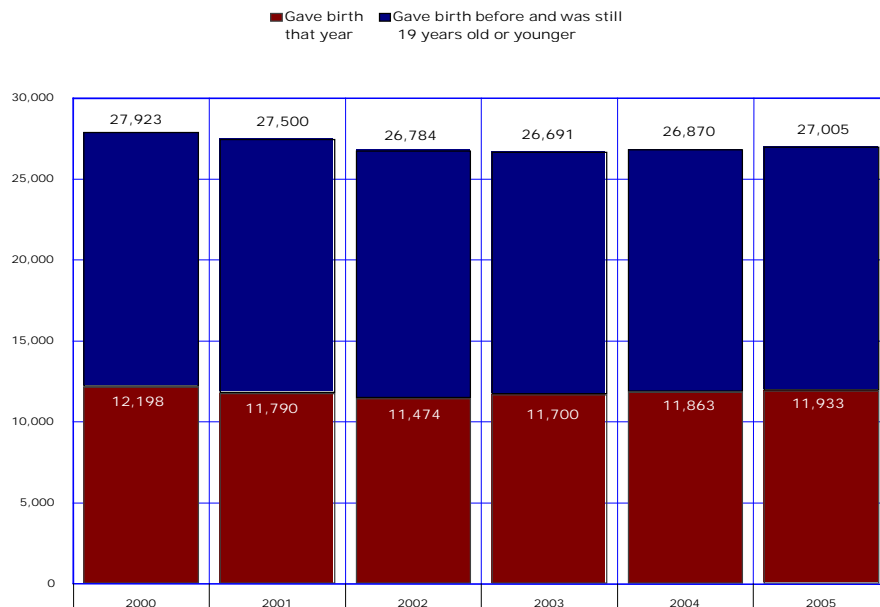


The total number of births to mothers 19 years or younger increased by 8.7 percent from 10,973 in 1995 to 11,933 in 2005 (Table 1). In contrast, the number of teen births paid for by the AHCCCS increased by 25.6 percent from 7,748 in 1995 to 9,732 in 2005.

In 2005, the Arizona Health Care Cost Containment System (AHCCCS) paid for 81.6 percent of the deliveries to mothers 19 or younger (Table 15), compared to 70.6 percent in 1995 (Figure 10). Only one in eight (11.9) teenage mothers in 2005 had private health insurance to pay the costs of labor and delivery, compared to one in five (19.1 percent) in 1995.

KEY FINDINGS

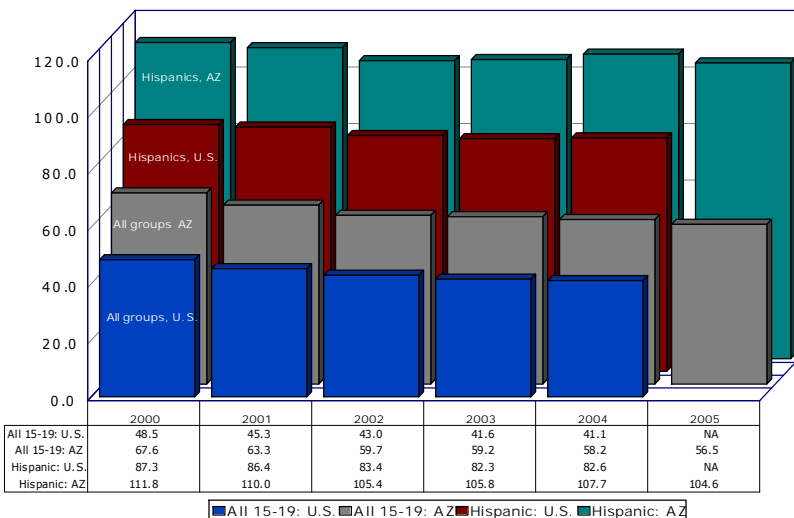
Figure 11
Cumulative Number of Mothers Who Were 19 or Younger in Arizona by year, 2000-2005



*See Table 26 for more details.

There were approximately 27,005 mothers under age 20 in Arizona in 2005. Among them there were the 11,933 who gave birth that year and the 15,072 who gave birth prior to 2005 and were still 19 years old or younger (Figure 11). In spite of the declining birth rates in 2000-2005, the cumulative number of mothers who were 19 years or younger in Arizona declined by only 3.3 percent.

Figure 12
Birth Rates Among All Females 15-19 Years Old and Hispanic or Latino Females 15-19 Years Old in Arizona (2000-2005) and Nationally (2000-2004)

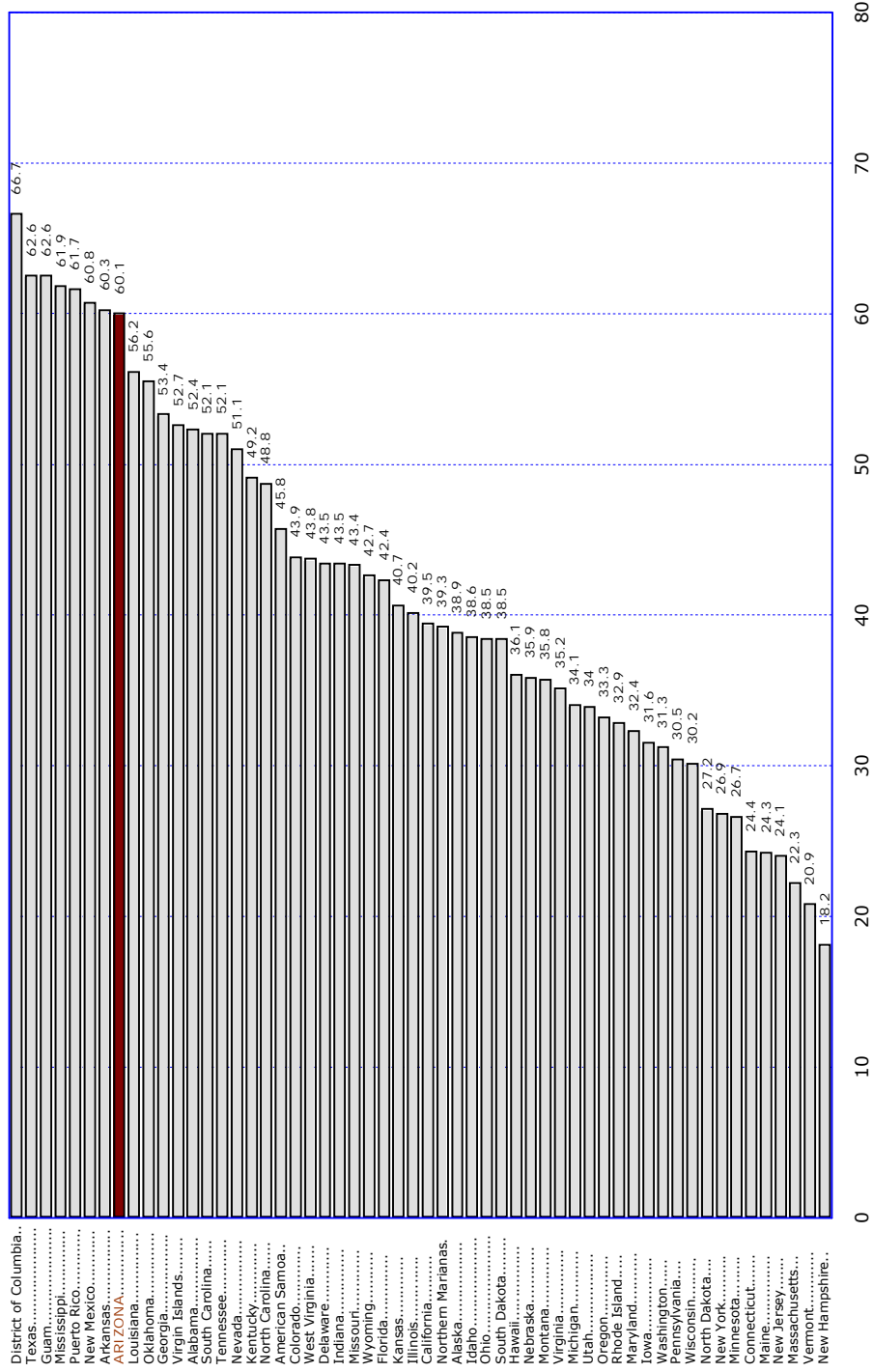


The latest available U.S. rates are for 2004.

Both nationally and in Arizona, Hispanic teenagers 15-19 years old had the highest birth rates among the race/ethnic groups (Figure 12). In 2004, the birth rate 107.7 per 1,000 Arizona Hispanic females 15-19 years old exceeded by 30.4 percent the rate of 82.6/1,000 for Hispanics nationally.

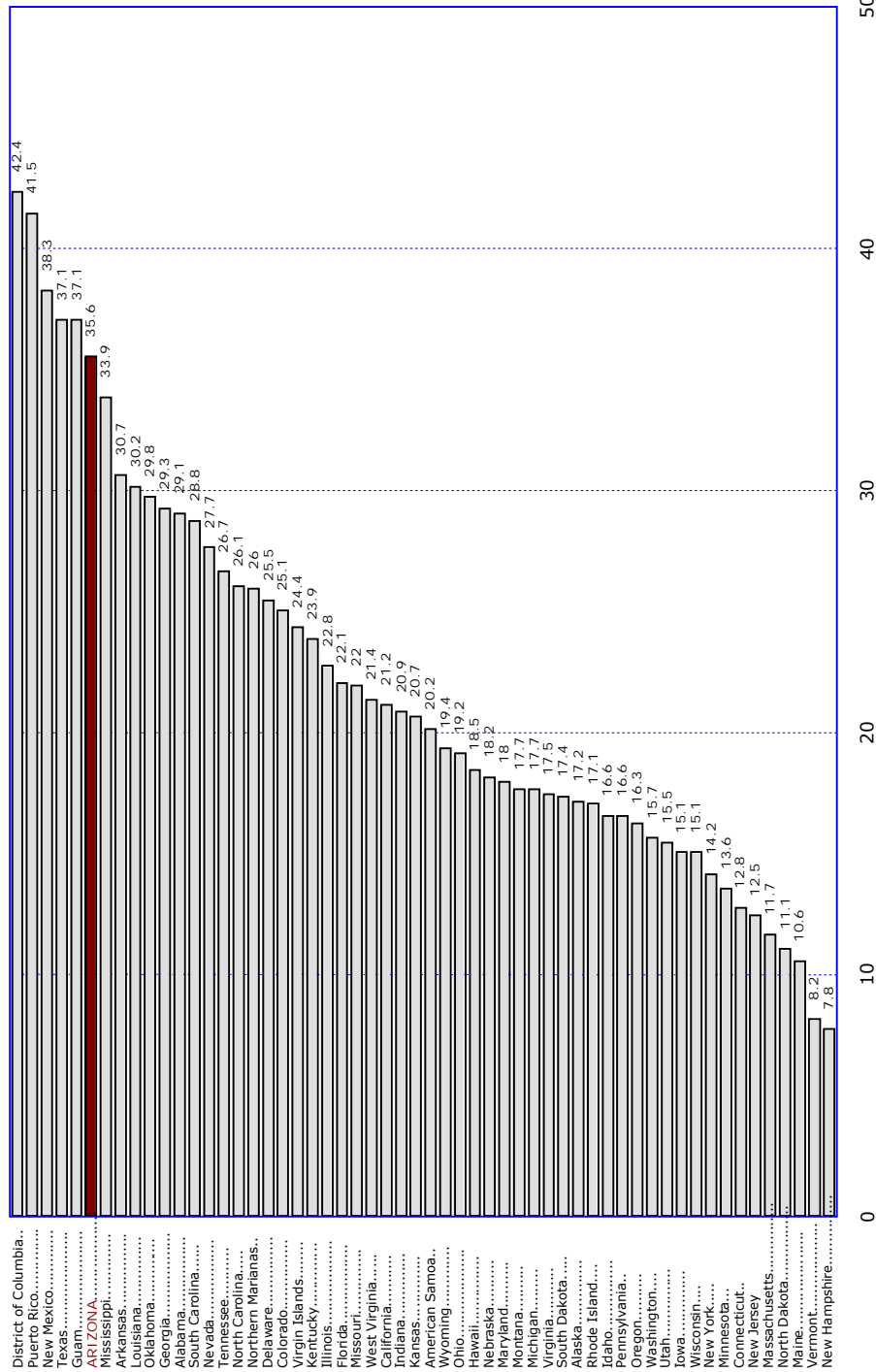
Birth rates for teenagers vary considerably by State. Arizona's adolescents 15-19 years old ranked eight in 2005 among the fifty states, the territories and the District of Columbia in the birth rates (Figure 13; see also Figure 14 for the birth rates among girls 15-17 years old and Figure 15 for the birth rates among older teenagers 18-19 years old).

Figure 13
Birth Rates* for 15-19 Years Old by State or Territory,
United States, 2004



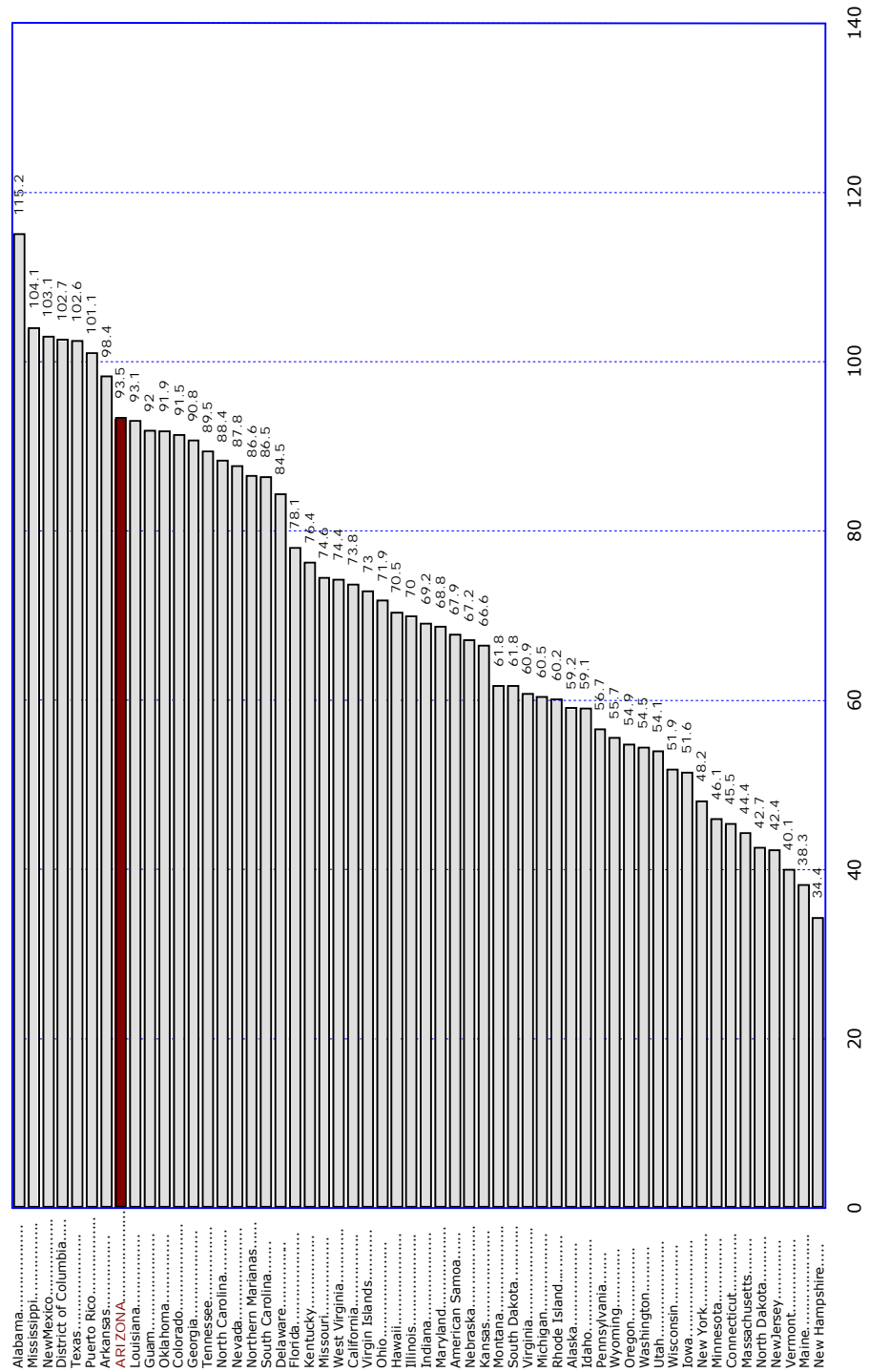
*The number of births per 1,000 females 15-19 years old in specified state or territory in 2004.
Source: Table 1.1 in National Vital Statistics Reports, vol. 55 no 1. Births: Final data for 2004. Published 9/29/2006.

Figure 14
Birth Rates* for 15-17 Years Old by State or Territory,
United States, 2004



*The number of births per 1,000 females 15-17 years old in specified state or territory in 2004.
Source: Table 1.1 in National Vital Statistics Reports, vol. 55 no 1. Births: Final data for 2004. Published 9/29/2006.

Figure 15
Birth Rates* for 18-19 Years Old by State or Territory,
United States, 2004



*The number of births per 1,000 females 18-19 years old in specified state or territory in 2004.
Source: Table 1.1 in National Vital Statistics Reports, vol. 55 no 1. Births: Final data for 2004. Published 9/29/2006.

TEENAGE PREGNANCY, ARIZONA, 1995-2005

DATA TABLES

**TABLE 1
PREGNANCIES AND PREGNANCY OUTCOME BY AGE GROUP AND YEAR,
FEMALES 19 OR YOUNGER, ARIZONA, 1995-2005**

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					
1995	13,356	314	13,042	5,092	7,950
1996	13,521	293	13,228	5,262	7,966
1997	13,438	278	13,160	5,096	8,064
1998	14,531	316	14,216	5,482	8,734
1999	14,095	303	13,792	4,993	8,799
2000	14,287	278	14,009	5,016	8,993
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
LIVE BIRTHS					
1995	10,973	229	10,744	4,178	6,566
1996	11,247	216	11,031	4,340	6,691
1997	11,085	214	10,871	4,219	6,652
1998	11,695	234	11,461	4,397	7,064
1999	11,963	238	11,725	4,236	7,489
2000	12,189	216	11,973	4,284	7,689
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
ABORTIONS					
1995	2,294	82	2,212	880	1,332
1996	2,186	72	2,114	892	1,222
1997	2,233	56	2,177	826	1,351
1998	2,735	78	2,657	1,046	1,611
1999	2,046	60	1,986	727	1,259
2000	1,988	57	1,931	684	1,247
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
FETAL LOSSES					
1995	89	3	86	34	52
1996	88	5	83	30	53
1997	120	8	112	51	61
1998	102	4	98	39	59
1999	85	5	80	29	51
2000	110	5	105	48	57
2001	111	9	102	41	61
2002	103	5	98	39	59
2003	87	1	86	31	55
2004	80	1	79	25	54
2005	73	0	73	29	44

TABLE 2
PREGNANCY RATES¹ BY PREGNANCY OUTCOME, AGE GROUP AND YEAR,
FEMALES 19 OR YOUNGER, ARIZONA, 1995-2005

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					
1995	47.4	2.2	96.1	61.1	141.8
1996	45.4	1.9	91.3	59.4	141.6
1997	43.8	1.8	88.1	55.7	139.3
1998	45.8	2.0	91.7	58.6	142.1
1999	42.7	1.8	85.7	51.5	137.6
2000	39.5	1.5	79.1	48.1	123.6
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
LIVE BIRTHS					
1995	38.9	1.6	79.1	50.1	117.1
1996	37.8	1.4	76.1	49.0	119.0
1997	36.1	1.4	72.8	46.1	114.9
1998	36.9	1.4	73.9	47.0	114.9
1999	36.2	1.4	72.9	43.7	117.1
2000	33.7	1.2	67.6	41.1	105.7
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
ABORTIONS					
1995	8.1	0.6	16.3	10.6	23.8
1996	7.4	0.5	14.6	10.1	21.7
1997	7.3	0.4	14.6	9.0	23.3
1998	8.6	0.5	17.1	11.2	26.2
1999	6.1	0.3	12.3	7.5	19.7
2000	5.5	0.3	10.9	6.6	17.1
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
FETAL LOSSES					
1995	0.3	0.0	0.6	0.4	0.9
1996	0.3	0.0	0.6	0.3	0.9
1997	0.4	0.0	0.7	0.6	1.0
1998	0.3	0.0	0.6	0.4	1.0
1999	0.3	0.0	0.5	0.3	0.8
2000	0.3	0.0	0.6	0.5	0.8
2001	0.3	0.0	0.6	0.4	0.8
2002	0.3	0.0	0.5	0.4	0.8
2003	0.2	0.0	0.4	0.3	0.7
2004	0.2	0.0	0.4	0.2	0.7
2005	0.2	0.0	0.4	0.2	0.5

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/ETHNIC GROUP
AND YEAR, ARIZONA, 1995-2005

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					
1995	4,042	51	3,991	1,338	2,653
1996	4,033	40	3,993	1,368	2,625
1997	3,733	27	3,706	1,239	2,467
1998	3,843	38	3,805	1,261	2,544
1999	3,869	31	3,838	1,115	2,723
2000	3,759	38	3,721	1,040	2,681
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
HISPANIC OR LATINO					
1995	5,351	133	5,218	2,241	2,977
1996	5,628	132	5,496	2,308	3,188
1997	5,736	146	5,590	2,329	3,261
1998	5,951	142	5,809	2,419	3,390
1999	6,161	149	6,012	2,415	3,597
2000	6,548	144	6,404	2,567	3,837
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
BLACK OR AFRICAN AMERICAN					
1995	491	17	474	185	289
1996	498	10	488	220	268
1997	519	13	506	207	299
1998	586	16	570	223	347
1999	603	14	589	222	367
2000	572	12	560	198	362
2001	545	13	532	193	339
2002	468	12	456	152	304
2003	549	3	546	204	342
2004	540	12	528	180	348
2005	569	8	561	199	362
AMERICAN INDIAN OR ALASKA NATIVE					
1995	991	25	966	387	579
1996	996	28	968	401	567
1997	971	25	946	407	539
1998	1,122	31	1,091	429	662
1999	1,050	38	1,012	389	623
2000	1,089	20	1,069	405	664
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
ASIAN OR PACIFIC ISLANDER					
1995	85	2	83	23	60
1996	76	3	73	36	37
1997	66	1	65	17	48
1998	73	1	72	17	55
1999	108	1	107	28	79
2000	100	1	99	29	70
2001	104	0	104	29	75
2002	96	1	95	19	76
2003	107	1	106	38	68
2004	92	1	91	25	66
2005	96	1	95	28	67

TABLE 4
ABORTIONS TO FEMALES 19 OR YOUNGER BY AGE GROUP, RACE/ETHNIC GROUP
AND YEAR, ARIZONA, 1995-2005

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					
1995	1,244	33	1,211	481	730
1996	1,148	27	1,121	478	643
1997	1,179	29	1,150	433	717
1998	1,480	38	1,442	563	879
1999	981	26	955	369	586
2000	1,020	25	995	342	653
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
HISPANIC OR LATINO					
1995	551	30	521	204	317
1996	562	23	539	218	321
1997	642	21	621	240	381
1998	747	29	718	292	426
1999	540	16	524	183	341
2000	610	22	588	228	360
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
BLACK OR AFRICAN AMERICAN					
1995	99	4	95	34	61
1996	105	6	99	44	55
1997	107	0	107	40	67
1998	147	4	143	51	92
1999	96	7	89	27	62
2000	115	5	110	42	68
2001	71	3	68	28	40
2002	118	4	114	30	84
2003	107	6	101	40	61
2004	125	1	124	46	78
2005	114	5	109	32	77
AMERICAN INDIAN OR ALASKA NATIVE					
1995	66	3	63	24	39
1996	54	4	40	18	32
1997	58	2	56	17	39
1998	53	0	53	22	31
1999	56	3	53	17	36
2000	43	2	41	13	28
2001	29	3	26	7	19
2002	40	3	37	12	25
2003	68	3	65	25	40
2004	65	1	64	17	47
2005	76	4	72	21	51
ASIAN OR PACIFIC ISLANDER					
1995	29	0	29	11	18
1996	37	1	36	9	27
1997	42	0	42	19	23
1998	51	0	51	20	31
1999	28	1	27	10	17
2000	37	0	37	11	26
2001	30	0	30	15	15
2002	34	0	34	10	24
2003	27	1	26	7	19
2004	56	1	55	19	36
2005	35	0	35	10	25

TABLE 5
NUMBER OF PREGNANCIES¹ BY PREGNANCY OUTCOME, RACE/ETHNIC GROUP AND YEAR
AMONG FEMALES AGED 17 OR YOUNGER WITH RATES², ARIZONA, 1995-2005

Race/ethnicity Pregnancy outcome	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2005 Rates
WHITE³ NON-HISPANIC, total:	1,903	1,937	1,760	1,918	1,566	1,462	1,250	1,245	1,131	1,129	1,028	5.6
Births	1,389	1,408	1,266	1,299	1,146	1,078	960	847	805	764	728	4.0
Abortions	514	505	462	601	395	367	278	387	322	360	293	1.6
HISPANIC OR LATINO, total:	2,608	2,681	2,736	2,882	2,763	2,991	2,930	2,926	2,993	3,198	3,043	27.2
Births	2,374	2,440	2,475	2,561	2,564	2,711	2,684	2,654	2,746	2,916	2,858	25.6
Abortions	234	241	261	321	199	250	221	250	224	267	172	1.5
BLACK OR AFRICAN AMERICAN, total:	240	289	242	263	275	227	240	207	256	241	247	19.4
Births	202	230	220	239	236	210	206	164	207	192	207	16.2
Abortions	38	50	40	55	34	47	31	34	46	47	37	2.9
AMERICAN INDIAN OR ALASKA NATIVE, total:	439	453	489	530	450	476	384	409	501	495	530	20.4
Births	412	429	432	460	427	425	365	392	471	473	499	19.2
Abortions	27	22	19	22	20	15	10	15	28	18	25	1.0
ASIAN OR PACIFIC ISLANDER, total:	36	54	38	43	40	41	44	30	47	46	39	6.3
Births	25	39	18	18	29	30	29	20	39	26	29	4.7
Abortions	11	10	19	20	11	11	15	10	8	20	10	1.6
ALL ETHNIC GROUPS⁴, total:	5,406	5,555	5,374	5,798	5,296	5,294	4,914	4,951	5,027	5,188	5,029	14.8
Births	4,407	4,556	4,433	4,631	4,474	4,500	4,278	4,158	4,321	4,415	4,364	12.9
Abortions	962	964	882	1,124	787	741	586	749	674	747	636	1.9
Pregnancy rate, total:	23.6	23.1	22.0	22.7	19.9	18.4	16.5	16.1	15.9	15.9	14.8	
Fertility rate⁵	19.2	18.9	18.2	18.1	16.8	15.6	14.3	13.5	13.7	13.5	12.9	
Abortion rate	4.2	4.0	3.5	4.4	3.0	2.6	2.0	2.4	2.1	2.3	1.9	

¹Fetal deaths are included in the total counts of pregnancies.

²All rates per 1,000 females 10-17 years old.

³Not of Hispanic origin.

⁴Includes other and unspecified ethnicity.

⁵Number of births per 1,000 females 10-17 years old.

TABLE 6
NUMBER OF PREGNANCIES¹ BY PREGNANCY OUTCOME, RACE/ETHNIC GROUP AND YEAR
AMONG FEMALES 15-17 YEARS OLD WITH RATES², ARIZONA, 1995-2005

Race/ethnicity Pregnancy outcome	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2005 Rates
WHITE³ NON-HISPANIC, total:	1,819	1,867	1,699	1,841	1,505	1,397	1,197	1,202	1,090	1,093	996	14.9
Births	1,338	1,368	1,239	1,261	1,115	1,040	926	824	782	747	711	10.6
Abortions	481	478	433	563	369	342	262	367	304	341	278	4.2
HISPANIC OR LATINO, total:	2,445	2,526	2,569	2,711	2,598	2,823	2,771	2,761	2,819	3,040	2,885	72.9
Births	2,241	2,308	2,329	2,419	2,415	2,567	2,552	2,507	2,600	2,779	2,721	68.7
Abortions	204	218	240	292	183	228	199	235	197	247	151	3.8
BLACK OR AFRICAN AMERICAN, total:	219	271	250	276	254	242	224	189	247	228	234	51.6
Births	185	220	207	223	222	198	193	152	204	180	199	43.9
Abortions	34	44	40	51	27	42	28	30	40	46	32	7.1
AMERICAN INDIAN OR ALASKA NATIVE, total:	411	421	439	464	408	421	363	388	461	473	505	55.0
Births	387	401	407	429	389	405	348	374	434	452	478	52.0
Abortions	24	18	17	22	17	13	7	12	25	17	21	2.3
ASIAN OR PACIFIC ISLANDER, total:	34	50	37	42	38	40	44	29	45	44	38	16.2
Births	23	36	17	17	28	29	29	19	38	25	28	11.9
Abortions	11	9	19	20	10	11	15	10	7	19	10	4.3
ALL ETHNIC GROUPS⁴, total:	5,092	5,262	5,096	5,482	4,993	5,016	4,661	4,696	4,755	4,955	4,790	39.1
Births	4,178	4,340	4,219	4,397	4,236	4,284	4,080	3,952	4,110	4,227	4,179	34.1
Abortions	880	892	826	1,046	727	684	540	705	614	703	582	4.8
Pregnancy rate, total:	61.1	59.4	55.7	58.6	51.5	48.1	43.2	42.2	41.6	42.0	39.1	
Fertility rate⁵	50.1	49.0	46.1	47.0	43.7	41.1	37.8	35.5	35.9	35.8	34.1	
Abortion rate	10.6	10.1	9.0	11.2	7.5	6.6	5.0	6.3	5.4	6.0	4.8	

¹Fetal deaths are included in the total counts of pregnancies.

²All rates per 1,000 females 15-17 years old.

³Not of Hispanic origin.

⁴Includes other and unspecified ethnicity.

⁵Number of births per 1,000 females 15-17 years old.

TABLE 7
NUMBER OF PREGNANCIES¹ BY PREGNANCY OUTCOME, RACE/ETHNIC GROUP AND YEAR
AMONG FEMALES 18-19 YEARS OLD WITH RATES², ARIZONA, 1995-2005

Race/ethnicity Pregnancy outcome	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2005 Rates
WHITE³ NON-HISPANIC, total:	3,383	3,312	3,218	3,457	3,349	3,352	2,925	2,857	2,772	2,795	2,603	55.1
Births	2,653	2,625	2,467	2,544	2,723	2,681	2,436	2,217	2,165	2,042	2,016	42.7
Abortions	730	643	717	879	586	653	468	623	592	735	574	12.2
HISPANIC OR LATINO, total:	3,234	3,509	3,642	3,816	3,938	4,222	4,309	4,361	4,483	4,767	4,705	168.9
Births	2,977	3,188	3,261	3,390	3,597	3,837	3,964	3,931	4,046	4,222	4,330	155.4
Abortions	317	321	381	426	341	360	313	400	406	517	350	12.6
BLACK OR AFRICAN AMERICAN, total:	350	328	368	442	434	433	382	398	408	430	441	144.8
Births	289	268	299	347	367	362	339	304	342	348	362	118.8
Abortions	61	55	67	92	62	68	40	84	61	78	77	25.3
AMERICAN INDIAN OR ALASKA NATIVE, total:	618	603	600	710	665	700	669	673	714	720	759	137.0
Births	579	567	539	662	623	664	648	647	670	669	705	127.3
Abortions	39	32	39	31	36	28	19	25	40	47	51	9.2
ASIAN OR PACIFIC ISLANDER, total:	78	64	72	86	96	96	90	100	87	102	93	47.6
Births	60	37	48	55	79	70	75	76	68	66	67	34.3
Abortions	18	27	23	31	17	26	15	24	19	36	25	12.8
ALL ETHNIC GROUPS⁴, total:	7,950	7,966	8,064	8,734	8,799	8,993	8,515	8,621	8,627	8,975	8,869	103.6
Births	6,566	6,691	6,652	7,064	7,489	7,689	7,512	7,316	7,379	7,448	7,569	88.4
Abortions	1,332	1,222	1,351	1,611	1,259	1,247	942	1,246	1,193	1,473	1,256	14.7
Pregnancy rate, total:	141.8	141.6	139.3	142.1	137.6	123.6	113.2	111.2	108.2	108.7	103.6	
Fertility rate⁵	117.1	119	114.9	114.9	117.1	105.7	99.9	94.3	92.5	90.2	88.4	
Abortion rate	23.8	21.7	23.3	26.2	19.7	17.1	12.5	16.1	15.0	17.8	14.7	

¹Fetal deaths are included in the total count of pregnancies.

²All rates per 1,000 females 18-19 years old.

³Not of Hispanic origin.

⁴Includes other and unspecified ethnicity.

⁵Number of births per 1,000 females 18-19 years old.

TABLE 8
NUMBER OF PREGNANCIES¹ BY PREGNANCY OUTCOME, RACE/ETHNIC GROUP AND YEAR
AMONG FEMALES 19 OR YOUNGER, WITH RATES², ARIZONA, 1995-2005

Race/ethnicity Pregnancy outcome	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2005 Rates
WHITE³ NON-HISPANIC, total:	5,286	5,249	4,978	5,375	4,915	4,814	4,175	4,102	3,903	3,924	3,631	15.8
Births	4,042	4,033	3,733	3,843	3,869	3,759	3,396	3,064	2,970	2,806	2,744	12.0
Abortions	1,244	1,148	1,179	1,480	981	1,020	746	1,010	914	1,095	867	3.8
HISPANIC OR LATINO, total:	5,902	6,190	6,378	6,698	6,701	7,213	7,239	7,287	7,476	7,965	7,748	55.5
Births	5,351	5,628	5,736	5,951	6,161	6,548	6,648	6,585	6,792	7,138	7,188	51.5
Abortions	551	562	642	747	540	610	534	650	630	784	522	3.7
BLACK OR AFRICAN AMERICAN, total:	590	617	582	644	669	620	622	605	664	671	688	43.5
Births	491	498	519	586	603	572	545	468	549	540	569	36.0
Abortions	99	105	107	147	96	115	71	118	107	125	114	7.2
AMERICAN INDIAN OR ALASKA NATIVE, total:	1,057	1,056	1,117	1,301	1,155	1,216	1,053	1,082	1,215	1,215	1,289	40.8
Births	991	996	971	1,122	1,050	1,089	1,013	1,039	1,141	1,142	1,204	38.2
Abortions	66	54	58	53	56	43	29	40	68	65	76	2.4
ASIAN OR PACIFIC ISLANDER, total:	114	118	110	129	136	137	134	130	134	148	132	16.2
Births	85	76	66	73	108	100	104	96	107	92	96	11.8
Abortions	29	37	42	51	28	37	30	34	27	56	35	4.3
ALL ETHNIC GROUPS⁴, total:	13,356	13,521	13,438	14,532	14,095	14,287	13,429	13,572	13,654	14,163	13,898	32.7
Births	10,973	11,247	11,085	11,695	11,963	12,189	11,790	11,474	11,700	11,863	11,933	28.1
Abortions	2,294	2,186	2,233	2,735	2,046	1,988	1,528	1,995	1,867	2,220	1,892	4.5
Pregnancy rate, total:	47.4	45.4	43.8	45.8	42.7	39.5	36.0	35.2	34.5	34.6	32.7	
Fertility rate⁵	38.9	37.8	36.1	36.9	36.2	33.7	31.6	29.8	29.5	29.0	28.1	
Abortion rate	8.1	7.4	7.3	8.6	6.2	5.5	4.1	5.2	4.7	5.4	4.5	

¹Fetal deaths are included in the total counts of pregnancies.

²All rates per 1,000 females 19 or less years old.

³Not of Hispanic origin.

⁴Includes other and unspecified ethnicity.

⁵Number of births per 1,000 females 19 or less years old.

TABLE 9
TRENDS IN PREGNANCY RATES* BY COUNTY OF RESIDENCE AMONG FEMALES 10-17 AND 18-19 YEARS OLD,
ARIZONA, 1995-2005

	ARIZONA	APACHE	COCHISE	COCONINO	GILA	GRAHAM	GREENLEE	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	SANTA CRUZ	YAVAPAI	YUMA	LA PAZ	
19 YEARS OR YOUNGER	1995	47.4	31.7	42.9	39.6	40.5	28.9	51.8	48.9	45.2	42.1	45.5	50.8	44.6	37.0	54.0	45.2
	1996	45.4	29.6	37.5	39.7	42.4	40.1	53.6	47.1	44.2	37.0	44.3	47.9	42.3	34.9	50.1	29.8
	1997	43.8	30.4	39.8	31.7	45.0	41.3	46.1	44.6	42.6	37.4	43.1	46.8	43.1	32.4	48.6	44.1
	1998	45.8	30.2	36.2	28.0	45.4	36.3	43.3	46.9	40.1	41.9	43.1	49.4	48.3	37.0	46.6	39.2
	1999	42.7	23.9	35.6	30.2	41.4	29.3	34.9	44.6	40.1	40.4	38.8	44.9	41.7	33.7	46.3	29.2
2000	39.5	29.2	38.7	28.6	41.1	28.8	26.7	40.7	33.5	34.8	39.6	47.7	39.3	33.0	42.0	32.6	
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	
18-19 YEARS OLD	1995	141.8	113.4	106.5	106.3	133.3	96.3	229.6	157.4	193.9	150.2	134.1	167.1	150.2	135.2	179.6	146.7
	1996	141.6	107.2	114.8	112.7	143.8	131.8	189.4	146.8	146.8	130.3	134.6	147.6	135.7	120.1	157.1	91.4
	1997	139.3	98.8	155.6	91.8	154.5	120.4	192.6	143.0	156.3	124.5	133.3	152.1	122.6	103.5	168.4	144.9
	1998	142.1	105.7	115.5	77.6	130.5	111.1	94.0	148.0	139.1	138.0	123.8	159.9	136.9	111.7	156.6	135.7
	1999	137.6	88.3	115.5	78.9	121.0	94.8	116.1	146.5	139.4	141.7	118.3	145.9	145.2	114.8	151.7	72.7
	2000	135.8	109.9	124.5	74.7	167.3	74.1	123.8	127.8	139.7	154.1	104.7	161.0	132.1	124.9	149.8	127.1
	2001	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
	2002	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
	2003	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
	2004	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
2005	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	
10-17 YEARS OLD	1995	23.6	13.9	20.3	20.6	19.5	13.8	15.2	24.5	15.5	19.2	23.7	26.6	21.1	15.8	26.6	22.8
	1996	23.0	12.7	19.7	18.9	20.1	16.9	26.8	24.0	22.1	16.9	21.8	27.2	21.7	15.8	26.8	15.5
	1997	22.0	15.7	19.2	14.1	30.4	22.5	16.5	22.4	18.5	18.3	20.4	24.7	23.8	16.2	23.5	21.6
	1998	22.7	13.7	16.9	12.8	24.8	19.4	31.9	23.0	18.1	20.9	22.0	25.6	26.4	19.2	22.9	13.0
	1999	19.9	9.6	15.8	15.1	22.1	13.7	16.3	21.0	17.4	17.9	17.6	22.3	17.1	13.8	20.9	18.6
	2000	18.4	15.0	19.1	14.6	17.6	13.9	8.8	18.9	12.0	13.7	19.1	23.8	21.8	13.3	17.5	15.2
	2001	16.5	9.2	15.5	13.9	22.5	17.0	7.2	17.2	10.9	11.7	16.9	19.8	17.8	12.3	15.3	15.2
	2002	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
	2003	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
	2004	15.9	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
2005	14.8	11.9	11.7	12.1	18.2	9.0	6.6	15.7	11.5	14.4	14.0	14.9	15.2	8.6	17.1	30.7	

* Number of pregnancies per 1,000 females in specified group.

**TABLE 10A
PREGNANCIES AND PREGNANCY RATES, FEMALES 19 OR YOUNGER
BY COUNTY OF RESIDENCE, ARIZONA, 2005**

County of residence	NUMBER OF PREGNANCIES:*				
	All 19 years or younger	10-14 years	15-19 years		
			Total 15-19 years	15-17 years	18-19 years
Apache	203	1	202	78	124
Cochise	293	7	286	86	200
Coconino	306	3	303	100	203
Gila	144	5	139	52	87
Graham	68	2	66	20	46
Greenlee	22	0	22	4	18
Maricopa	8,488	155	8,333	2,989	5,344
Mohave	365	5	360	104	256
Navajo	356	6	350	125	225
Pima	2,075	33	2,042	687	1,355
Pinal	539	13	526	184	342
Santa Cruz	120	1	119	49	70
Yavapai	320	4	316	84	232
Yuma	536	3	533	198	335
La Paz	60	1	59	30	29
Unknown	3	0	3	0	3
TOTAL STATE**	13,898	239	13,659	4,790	8,869

County of residence	PREGNANCY RATES:***				
	All 19 years or younger	10-14 years	15-19 years		
			Total 15-19 years	15-17 years	18-19 years
Apache	25.9	0.2	57.1	33.0	105.4
Cochise	30.0	1.4	60.4	29.4	110.0
Coconino	27.7	0.6	53.1	31.7	79.5
Gila	38.8	2.4	83.2	47.6	150.5
Graham	20.9	1.3	38.7	22.3	56.7
Greenlee	31.0	0.0	71.9	19.7	174.8
Maricopa	33.9	1.2	68.3	41.6	106.5
Mohave	32.1	0.8	67.0	30.0	134.0
Navajo	33.1	1.0	70.4	37.4	138.2
Pima	30.6	1.0	58.2	36.3	83.7
Pinal	33.5	1.5	69.5	39.1	119.8
Santa Cruz	30.7	0.5	65.6	41.2	111.8
Yavapai	25.7	0.6	51.8	21.7	104.1
Yuma	37.0	0.4	77.1	47.4	122.2
La Paz	49.8	1.6	102.4	78.7	148.7
TOTAL STATE	32.7	1.1	65.6	39.1	103.6

* The sum of live births, fetal deaths and abortions.

** Includes records with unknown county of residence.

*** The number of pregnancies per 1,000 females in specified group.

**TABLE 10B
BIRTHS AND BIRTH RATES, FEMALES 19 OR YOUNGER
BY COUNTY OF RESIDENCE, ARIZONA, 2005**

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	198	0	198	77	121
Cochise	261	5	256	79	177
Coconino	260	3	257	87	170
Gila	138	5	133	48	85
Graham	67	2	65	20	45
Greenlee	18	0	18	4	14
Maricopa	7,212	118	7,094	2,582	4,512
Mohave	361	5	356	103	253
Navajo	343	6	337	121	216
Pima	1,563	22	1,541	532	1,009
Pinal	531	12	519	183	336
Santa Cruz	114	1	113	46	67
Yavapai	283	2	281	74	207
Yuma	521	3	518	193	325
La Paz	60	1	59	30	29
Unknown	3	0	3	0	3
TOTAL STATE*	11,933	185	11,748	4,179	7,569

County of residence	BIRTH RATES:**				
	All 19 years or younger	10-14 years	15-19 years		
			Total 15-19 years	15-17 years	18-19 years
Apache	25.3	0.0	56.0	32.6	102.8
Cochise	26.7	1.0	54.0	27.0	97.4
Coconino	23.6	0.6	45.0	27.6	66.6
Gila	37.1	2.4	79.6	43.9	147.1
Graham	20.6	1.3	38.1	22.3	55.4
Greenlee	25.4	0.0	58.8	19.7	135.9
Maricopa	28.8	0.9	58.1	35.9	89.9
Mohave	31.7	0.8	66.3	29.8	132.4
Navajo	31.9	1.0	67.8	36.2	132.7
Pima	23.1	0.7	43.9	28.1	62.3
Pinal	33.0	1.4	68.6	38.9	117.7
Santa Cruz	29.1	0.5	62.3	38.7	107.0
Yavapai	22.8	0.3	46.1	19.1	92.9
Yuma	35.9	0.4	74.9	46.2	118.5
La Paz	49.8	1.6	102.4	78.7	148.7
TOTAL STATE	28.1	0.9	56.5	34.1	88.4

* Includes records with unknown county of residence.

** The number of births per 1,000 females in specified group.

**TABLE 11
PREGNANCY RATES¹ AND NUMBER OF LIVE BIRTHS, FETAL DEATHS AND
ABORTIONS TO TEENS BY INDIVIDUAL AGE, ARIZONA, 2005**

Age	Population	PREGNANCIES BY OUTCOME			TOTAL PREGNANCIES	
		Live Births	Induced termination of pregnancy (or abortions)	Spontaneous fetal losses	Number	Rate
10	45,560	0	0	0	0	0
11	43,321	0	0	0	0	0
12	43,006	3	0	0	3	0.1
13	42,250	22	13	0	35	0.8
14	42,268	160	41	0	201	4.8
10-14	216,305	185	54	0	239	1.1
15	41,344	603	100	3	706	17.1
16	40,067	1,317	196	14	1,527	38.1
17	41,085	2,259	286	12	2,557	62.2
15-17	122,496	4,179	582	29	4,790	39.1
18	42,189	3,351	558	19	3,928	93.1
19	43,420	4,218	698	25	4,941	113.8
18-19	85,609	7,569	1,256	44	8,869	103.6
Total, 10-19	424,410	11,933	1,892	73	13,898	32.7

¹Rates per 1,000 female population in specific group.

TABLE 12
BIRTHS TO FEMALES 19 OR YOUNGER BY AGE AND COUNTY OF RESIDENCE,
ARIZONA, 2005

	Total	Mother's age							
		12	13	14	15	16	17	18	19
TOTAL	11,933	3	22	160	603	1,317	2,259	3,351	4,218
Apache	198	0	0	0	12	12	53	60	61
Cochise	261	0	1	4	11	21	47	78	99
Coconino	260	0	0	3	8	29	50	86	84
Gila	138	0	1	4	13	16	19	41	44
Graham	67	0	0	2	3	9	8	24	21
Geenlee	18	0	0	0	0	2	2	8	6
Maricopa	7,212	1	16	101	380	812	1,390	1,975	2,537
Mohave	361	1	0	4	17	32	54	100	153
Navajo	343	0	0	6	21	45	55	107	109
Pima	1,563	0	2	20	78	168	286	420	589
Pima	531	1	1	10	22	60	101	156	180
Santa Cruz	114	0	0	1	7	18	21	42	25
Yavapai	283	0	1	1	9	20	45	88	119
Yuma	521	0	0	3	18	62	113	157	168
La Paz	60	0	0	1	4	11	15	7	22
Unknown	3	0	0	0	0	0	0	2	1

TABLE 13
ABORTIONS TO FEMALES 19 OR YOUNGER BY AGE AND COUNTY OF RESIDENCE,
ARIZONA, 2005

	Total	13	14	15	16	17	18	19
TOTAL	1,892	13	41	100	196	286	558	698
Apache	5	1	0	0	0	1	2	1
Cochise	31	1	1	2	1	4	9	13
Coconino	46	0	0	3	2	8	17	16
Gila	4	0	0	1	0	2	1	0
Graham	1	0	0	0	0	0	0	1
Greenlee	4	0	0	0	0	0	3	1
Maricopa	1,234	8	29	67	139	182	355	454
Mohave	1	0	0	0	1	0	0	0
Navajo	11	0	0	1	1	1	5	3
Pima	495	2	9	24	47	77	143	193
Pinal	6	1	0	0	0	1	3	1
Santa Cruz	5	0	0	0	1	2	0	2
Yavapai	35	0	2	2	3	5	14	9
Yuma	8	0	0	0	1	0	4	3
La Paz	0	0	0	0	0	0	0	0
Unknown	6	0	0	0	0	3	2	1

TABLE 14
SOURCES OF PAYMENT FOR LABOR AND DELIVERY, FEMALES 19 OR YOUNGER
BY AGE AND COUNTY OF RESIDENCE, ARIZONA, 2005

	Total	AHCCCS	IHS	Private insurance	Self	Unknown
TOTAL	11,933	9,732	343	1,424	264	170
Apache	198	96	65	8	0	29
Cochise	261	216	1	36	6	2
Coconino	260	168	69	18	0	5
Gila	138	86	40	9	3	0
Graham	67	48	10	9	0	0
Greenlee	18	12	0	4	0	2
Maricopa	7,212	6,036	34	939	154	49
Mohave	361	279	0	25	8	49
Navajo	343	226	91	18	2	6
Pima	1,563	1,314	22	177	35	15
Pinal	531	409	10	90	16	6
Santa Cruz	114	98	0	6	10	0
Yavapai	283	247	0	30	5	1
Yuma	521	444	1	50	25	1
La Paz	60	53	0	5	0	2
Unknown	3	0	0	0	0	3

TABLE 15
SOURCES OF PAYMENT FOR LABOR AND DELIVERY, FEMALES 19 OR YOUNGER
BY AGE GROUP, ARIZONA, 2005

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	11,933	185	4,179	7,569	
Payee for births	AHCCCS	Count	9,732	156	3,380	6,196
		Percent	81.6	84.3	80.9	81.9
	IHS	Count	343	5	135	203
		Percent	2.9	2.7	3.2	2.7
	Private insurance	Count	1,424	18	502	904
		Percent	11.9	9.7	12.0	11.9
	Self	Count	264	5	109	150
		Percent	2.2	2.7	2.6	2.0
	Unknown	Count	170	1	53	116
		Percent	1.4	0.5	1.3	1.5

TABLE 16
TEENAGE BIRTHS BY NUMBER OF PREVIOUS PREGNANCIES BY AGE GROUP,
ARIZONA, 2005

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	11,933	185	4,179	7,569	
Total prior pregnancies	None	Count	8,738	179	3,517	5,042
		Percent	73.2	96.8	84.2	66.6
	1	Count	2,460	6	578	1,876
		Percent	20.6	3.2	13.8	24.8
	2	Count	578	0	73	505
		Percent	4.8	0.0	1.7	6.7
	3	Count	124	0	8	116
		Percent	1.0	0.0	0.2	1.5
	4 or more	Count	32	0	3	29
		Percent	0.3	0.0	0.1	0.4
	Unknown	Count	1	0	0	1
		Percent	0.0	0.0	0.0	0.0

TABLE 17
TEENAGE BIRTHS BY MARITAL STATUS AND AGE GROUP,
ARIZONA, 2005

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	11,933	185	4,179	7,569	
Marital status	Married	Count	1,649	3	274	1,372
		Percent	13.8	1.6	6.6	18.1
	Unmarried	Count	10,238	182	3,900	6,156
		Percent	85.8	98.4	93.3	81.3
	Other	Count	46	0	5	41
		Percent	0.4	0.0	0.1	0.5

TABLE 18
TEENAGE BIRTHS BY MOTHER'S EDUCATION AND AGE GROUP
ARIZONA, 2005

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	11,933	185	4,179	7,569	
Mother's education	< 8	Count	521	42	164	315
		Percent	4.4	22.7	3.9	4.2
	8	Count	779	79	378	322
		Percent	6.5	42.7	9.0	4.3
	9-11	Count	6,120	61	3,053	3,006
		Percent	51.3	33.0	73.1	39.7
	12	Count	3,732	1	523	3,208
		Percent	31.3	0.5	12.5	42.4
	13-16	Count	676	0	24	652
		Percent	5.7	0.0	0.6	8.6
	17+	Count	1	0	0	1
		Percent	0.0	0.0	0.0	0.0
	Unknown	Count	104	2	37	65
		Percent	0.9	1.1	0.9	0.9

**TABLE 19
TEENAGE BIRTHS BY TRIMESTER OF ENTRY INTO PRENATAL CARE
AND AGE GROUP, ARIZONA, 2005**

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	11,933	185	4,179	7,569	
Prenatal care	No care	Count	411	6	166	239
		Percent	3.4	3.2	4.0	3.2
	1st trimester	Count	7,703	92	2,543	5,068
		Percent	64.6	49.7	60.9	67.0
	2nd trimester	Count	3,074	67	1,179	1,828
		Percent	25.8	36.2	28.2	24.2
	3rd trimester	Count	732	20	287	425
		Percent	6.1	10.8	6.9	5.6
	Unknown	Count	13	0	4	9
		Percent	0.1	0.0	0.1	0.1

**TABLE 20
TEENAGE BIRTHS BY NUMBER OF PRENATAL VISITS AND AGE GROUP,
ARIZONA, 2005**

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	11,933	185	4,179	7,569	
Prenatal visits	No visits	Count	411	6	166	239
		Percent	3.4	3.2	4.0	3.2
	1-4 visits	Count	820	24	311	485
		Percent	6.9	13.0	7.4	6.4
	5-8 visits	Count	2,807	53	1,049	1,705
		Percent	23.5	28.6	25.1	22.5
	9-12 visits	Count	5,564	67	1,890	3,607
		Percent	46.6	36.2	45.2	47.7
	13+ visits	Count	2,312	35	754	1,523
		Percent	19.4	18.9	18.0	20.1
	Unknown	Count	19	0	9	10
		Percent	0.2	0.0	0.2	0.1

TABLE 21
TOBACCO AND/OR ALCOHOL USE DURING PREGNANCY AMONG FEMALES
19 OR YOUNGER BY AGE GROUP, ARIZONA, 2005

		Total	Mother's age group			
			<15	15-17	18-19	
Total	Count	11,933	185	4,179	7,569	
Substance use	Drinker, nonsmoker	Count	24	0	14	10
		Percent	0.2	0.0	0.3	0.1
	Smoker, nondrinker	Count	606	3	148	455
		Percent	5.1	1.6	3.5	6.0
	Smoker and drinker	Count	39	0	21	18
		Percent	0.3	0.0	0.5	0.2
	Nonsmoker and nondrinker	Count	11,264	182	3,996	7,086
		Percent	94.4	98.4	95.6	93.6

**TABLE 22
RISK FOR LOW-BIRTHWEIGHT (LBW) BIRTHS BY SELECTED CHARACTERISTICS OF FEMALES 19 OR YOUNGER,
ARIZONA, 2005**

	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	
Race/ethnicity	White non-Hispanic	17	1	5.9	711	67	9.4	2,016	166	8.2		
	Hispanic or Latino	137	17	12.4	2,721	218	8.0	4,330	297	6.9		
	Black or African American	8	0	0.0	199	28	14.1	362	45	12.4		
	American Indian or Alaska Native	21	1	4.8	478	30	6.3	705	59	8.4		
	Asian or Pacific Islander	1	0	0.0	28	2	7.1	67	6	9.0		
	Unknown	1	0	0.0	42	3	7.1	89	6	6.7		
		0	0	0.0	14	1	7.1	10	0	0.0		
Substance use	Drinker, nonsmoker	3	0	0.0	148	19	12.8	455	50	11.0		
	Smoker, nondrinker	0	0	0.0	21	3	14.3	18	2	11.1		
	Smoker and drinker	182	19	10.4	3,996	325	8.1	7,086	527	7.4		
	Nonsmoker and nondrinker	156	15	9.6	3,380	276	8.2	6,196	473	7.6		
Payee for births	AHCCCS	5	0	0.0	135	2	1.5	203	18	8.9		
	IHS	18	3	16.7	502	50	10.0	904	65	7.2		
	Private insurance	5	1	20.0	109	14	12.8	150	13	8.7		
	Self	1	0	0.0	53	6	11.3	116	10	8.6		
	Unknown	40	15	37.5	870	301	34.6	1,485	479	32.3		
Length of gestation	36 weeks or less	145	4	2.8	3,300	45	1.4	6,067	100	1.6		
	37 weeks or more	0	0	0.0	9	2	22.2	17	0	0.0		
	Unknown	30	5	16.7	477	92	19.3	724	122	16.9		
Prenatal visits	Less than 5	155	14	9.0	3,693	254	6.9	6,835	456	6.7		
	5 or more	0	0	0.0	9	2	22.2	10	1	10.0		

TABLE 23
LIVE BIRTHS TO FEMALES 19 OR YOUNGER AS A PERCENTAGE OF TOTAL LIVE BIRTHS BY AREA, RACE/ETHNIC GROUP
AND YEAR, ARIZONA, 1995-2005

Group	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
ARIZONA, TOTAL¹											
# Births (all ages)	72,386	75,094	75,563	77,940	80,505	84,985	85,213	87,379	90,783	93,396	95,798
# Births to teenagers	10,973	11,247	11,085	11,695	11,963	12,189	11,790	11,474	11,700	11,863	11,933
% Births to teenagers	15.2	15.0	14.7	15.0	14.9	14.3	13.8	13.1	12.9	12.7	12.5
URBAN COUNTIES²											
# Births (all ages)	60,293	62,879	63,510	65,825	68,611	72,596	73,319	74,851	77,905	79,951	82,141
# Births to teenagers	8,956	9,234	9	9,605	9,896	10,102	9,906	9,512	9,686	9,786	9,827
% Births to teenagers	14.9	14.7	14.3	14.6	14.4	13.9	13.5	12.7	12.4	12.2	12.0
RURAL COUNTIES											
# Births (all ages)	12,093	12,215	12,053	12,115	11,877	12,333	11,851	12,498	12,848	13,409	13,603
# Births to teenagers	2,017	2,009	2,009	2,090	2,067	2,083	1,882	1,959	2,014	2,074	2,103
% Births to teenagers	16.7	16.6	16.6	17.0	17.4	16.9	15.9	15.7	15.7	15.5	15.5
WHITE NON-HISPANIC											
# Births (all ages)	38,488	38,494	37,869	38,611	38,711	39,850	38,934	38,819	38,842	39,271	39,657
# Births to teenagers	4,042	4,033	3,733	3,843	3,869	3,759	3,396	3,064	2,970	2,806	2,744
% Births to teenagers	10.5	10.6	9.9	10.0	10.0	9.4	8.7	7.9	7.6	7.2	6.9
HISPANIC OR LATINO											
# Births (all ages)	25,141	27,396	27,941	28,824	30,784	33,893	35,103	36,089	39,101	40,822	42,156
# Births to teenagers	5,351	5,628	5,736	5,951	6,161	6,548	6,648	6,585	6,792	7,138	7,188
% Births to teenagers	21.3	20.5	20.6	20.7	20.0	19.3	18.9	18.2	17.4	17.5	17.0
BLACK OR AFRICAN AMERICAN											
# Births (all ages)	2,233	2,336	2,485	2,629	2,699	2,760	2,736	2,753	3,022	3,216	3,450
# Births to teenagers	491	498	519	586	603	572	545	468	549	540	569
% Births to teenagers	22.0	21.3	21.2	22.4	22.3	20.7	19.9	17.0	18.2	16.8	16.5
AMERICAN INDIAN OR ALASKA NATIVE											
# Births (all ages)	5,086	5,328	5,271	5,460	5,295	5,602	5,340	5,545	5,881	6,120	6,293
# Births to teenagers	991	996	971	1,122	1,050	1,089	1,013	1,039	1,141	1,142	1,204
% Births to teenagers	19.5	18.6	18.4	20.3	19.8	19.4	19.0	18.7	19.4	18.9	19.1
ASIAN OR PACIFIC ISLANDER											
# Births (all ages)	1,342	1,427	1,602	1,747	1,875	2,041	2,104	2,281	2,524	2,614	2,805
# Births to teenagers	85	76	66	73	92	100	104	96	107	92	96
% Births to teenagers	6.3	5.3	4.1	4.2	5.8	4.9	4.9	4.2	4.2	3.5	3.4

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 24
BIRTH RATES BY AGE GROUP FOR FEMALES 19 OR YOUNGER,
ARIZONA AND UNITED STATES, 1995-2005

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.
1995	1.6	1.3	79.1	56.8	50.1	36.0	117.1	89.1
1996	1.4	1.2	76.1	54.4	49.0	33.8	119.0	86.0
1997	1.4	1.1	72.8	52.3	46.1	32.1	114.9	83.6
1998	1.4	1.0	73.9	51.1	47.0	30.4	114.9	82.0
1999	1.4	0.9	72.9	49.6	43.7	28.7	117.1	80.3
2000	1.2	0.9	67.6	48.5	41.1	27.4	105.7	78.1
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	NA	56.5	NA	34.1	NA	88.4	NA

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

TABLE 25
 REPEAT PREGNANCIES AMONG TEENAGE MOTHERS GIVING BIRTH BY AGE AND YEAR, ARIZONA, 1995-2005

Mother's age	Pregnancies	Year										
		1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
11	Total	0	1	1	0	0	0	0	1	1	0	0
	Previous pregnancies	0	1	1	0	0	0	0	1	1	0	0
12	Total	6	3	4	5	2	4	3	5	3	3	3
	Previous pregnancies	6	3	4	4	2	4	3	5	3	3	2
13	Total	32	34	33	34	36	37	28	22	26	31	22
	Previous pregnancies	31	32	33	33	36	35	28	21	25	30	22
14	Total	191	178	176	195	200	175	167	178	181	154	160
	Previous pregnancies	181	174	165	186	189	172	157	167	176	151	155
15	Total	649	658	598	651	595	647	620	512	587	566	603
	Previous pregnancies	588	613	553	597	559	604	569	470	551	538	559
16	Total	1,337	1,434	1,363	1,443	1,388	1,376	1,353	1,336	1,314	1,389	1,317
	Previous pregnancies	1,175	1,239	1,175	1,261	1,207	1,205	1,171	1,169	1,144	1,228	1,167
17	Total	2,192	2,248	2,258	2,303	2,253	2,261	2,107	2,104	2,209	2,272	2,259
	Previous pregnancies	1,710	1,778	1,729	1,831	1,772	1,806	1,634	1,658	1,729	1,838	1,791
18	Total	3,005	2,926	2,902	3,153	3,300	3,338	3,168	3,208	3,211	3,208	3,351
	Previous pregnancies	2,050	2,032	1,951	2,138	2,247	2,313	2,161	2,231	2,209	2,250	2,411
19	Total	3,561	3,765	3,750	3,911	4,189	4,351	4,344	4,108	4,168	4,240	4,218
	Previous pregnancies	2,149	2,194	2,180	2,284	2,485	2,627	2,597	2,496	2,592	2,556	2,631
	Unknown	1,412	1,571	1,554	1,606	1,680	1,706	1,735	1,595	1,567	1,681	1,586
	Unknown	0	0	16	21	24	18	12	17	9	3	1

**TABLE 26
CUMULATIVE NUMBER OF MOTHERS WHO WERE 19 OR YOUNGER IN ARIZONA IN 2005**

Year Baby Was Born	MOTHER'S AGE WHEN BABY WAS BORN										Mother was 19 or younger in 2005	
	10	11	12	13	14	15	16	17	18	19		
1996	0											0
1997	0	0										0
1998	0	0	2									2
1999	0	0	2	36								38
2000	0	0	4	37	175							216
2001	0	0	3	28	167	620						818
2002	0	1	5	22	178	512	1,336					2,054
2003	0	1	3	26	181	587	1,314	2,209				4,321
2004	0	0	3	31	154	566	1,389	2,272	3,208			7,623
2005	0	0	3	22	160	603	1,317	2,259	3,351	4,218		11,933
Cumulative number of mothers 19 or younger	0	2	25	202	1,015	2,888	5,356	6,740	6,559	4,218		27,005

NOTE: The above table focuses on the 2005 cohort of Arizona mothers who were 19 or younger that year.

Among them are those who:

gave birth to the 11,933 babies in 2005.

gave birth to a baby prior to 2005 and were still 19 or less years old in 2005.

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 2005 by the year the baby was born. For example, from among those girls and adolescents who had their baby in 1999, 38 remained in their teens in 2005. The bottom row gives the cumulative total by mother's age when the baby was born. For example, among the 27,005 mothers under 20 in Arizona in 2005, 202 had given birth when 14 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 when the baby was born, but who were no longer under the age 20 by 2005. For example, mothers who were 13 years old in 1998 were 20 years old in 2005.

The figures in Table 26 are unadjusted for in-and-out migration, as well as mortality of mothers, in the period of 1996-2005. For simplicity, the number of mothers = the number of babies (i.e., no adjustment was made for multiple birth events).

**TABLE 27
POPULATION OF FEMALES 19 OR YOUNGER, NUMBER OF PREGNANCIES AND PREGNANCY
RATES BY AGE GROUP AND RACE/ETHNICITY, ARIZONA, 2005**

	POPULATION				
	All 19 years or younger	10-14 years	15-19 years	15-17 years	18-19 years
All groups	424,410	216,305	208,105	122,496	85,609
White non-Hispanic	229,278	115,226	114,052	66,840	47,212
Hispanic or Latino	139,623	72,184	67,439	39,581	27,858
Black or African American	15,803	8,220	7,583	4,537	3,046
American Indian or Alaska Native	31,557	16,831	14,726	9,187	5,539
Asian or Pacific Islander	8,149	3,844	4,305	2,351	1,954

In order to obtain the 2005 population denominators, the 2000 percentages of population breakdowns (or census shares) – were applied to total state and county population estimates for 2005 released by the Department of Economic Security on February 1,

	NUMBER OF PREGNANCIES				
	All 19 years or younger	10-14 years	15-19 years	15-17 years	18-19 years
All groups	13,898	239	13,659	4,790	8,869
White non-Hispanic	3,631	32	3,599	996	2,603
Hispanic or Latino	7,748	158	7,590	2,885	4,705
Black or African American	688	13	675	234	441
American Indian or Alaska Native	1,289	25	1,264	505	759
Asian or Pacific Islander	132	1	131	38	93
Unknown	410	10	400	132	268

	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	32.7	1.1	65.6	39.1	103.6
White non-Hispanic	15.8	0.3	31.6	14.9	55.1
Hispanic or Latino	55.5	2.2	112.5	72.9	168.9
Black or African American	43.5	1.6	89.0	51.6	144.8
American Indian or Alaska Native	40.8	1.5	85.8	55.0	137.0
Asian or Pacific Islander	16.2	0.3	30.4	16.2	47.6

TABLE 28
POPULATION OF FEMALES 19 OR YOUNGER BY COUNTY OF RESIDENCE, ARIZONA, 2005

	All 19 years or younger	10-14 years	15-19 years	15-17 years	18-19 years
ARIZONA	424,410	216,305	208,105	122,496	85,609
Apache	7,824	4,286	3,538	2,361	1,177
Cochise	9,763	5,024	4,739	2,921	1,818
Coconino	11,031	5,323	5,708	3,156	2,552
Gila	3,716	2,045	1,671	1,093	578
Graham	3,256	1,549	1,707	895	812
Greenlee	709	403	306	203	103
La Paz	1,206	630	576	381	195
Maricopa	250,145	128,120	122,025	71,839	50,186
Mohave	11,372	6,000	5,372	3,461	1,911
Navajo	10,755	5,785	4,970	3,342	1,628
Pima	67,701	32,597	35,104	18,906	16,198
Pinal	16,077	8,514	7,563	4,709	2,854
Santa Cruz	3,915	2,101	1,814	1,188	626
Yavapai	12,439	6,344	6,095	3,866	2,229
Yuma	14,501	7,584	6,917	4,175	2,742

Note: In order to obtain the 2005 population denominators, the 2000 percentages of population breakdowns (or census shares) were applied to total state and county population estimates for 2005 released by the Department of Economic Security on 2/23/2006.

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

	2000	2001	2002	2003	2004	2005	Comments
A. The number of females 15-19 years old	177,114	183,057	188,780	194,127	200,676	208,105	Census enumeration for 2000. In order to obtain the 2001-2005 denominators, the 2000 percentages of population breakdowns by age group and gender were applied to total state and county annual population estimates released by the DES.
B. The number of births to females 15-19 years old	11,973	11,591	11,268	11,489	11,676	11,748	Based on the birth database.
C. The rate of births (B/A)*1,000	67.6	63.3	59.7	59.2	58.2	56.5	The number of births per 1,000 females 15-19 years old.
D. Cumulative number of mothers who gave birth when 15-19 years old	26,525	26,231	25,433	25,346	25,568	25,761	Mothers who gave birth when 15-19 years old. As an example, the 2005 cohort of mothers who were 15-19 years old includes 11,748 who gave birth that year and 14,013 who gave birth prior to 2005 and were still 15-19 years old in 2005.
E. The number of females 15-19 years old who had a birth previously (D-B)	14,552	14,640	14,165	13,857	13,892	14,013	The cumulative number of mothers 15-19 years old (Table 26) - those who gave birth that year.
F. The number of repeat births to females 15-19 years old who had a birth previously	2,639	2,680	2,533	2,567	2,590	2,488	Table 1B-24 in "Arizona Health Status and Vital Statistics" annual report.
G. The rate of repeat childbearing (F/E)*1,000	181.3	183.1	178.8	185.2	186.4	177.5	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)	162,562	168,417	174,615	180,270	186,784	194,092	All 15-19 years old - those who gave birth previously.
I. The number of first-time births to females 15-19 years old who did not have a birth previously	9,285	8,870	8,699	8,922	9,071	9,259	Table 1B-24 in "Arizona Health Status and Vital Statistics" annual report.
J. The rate of first-time births (I/H)*1,000	57.1	52.7	49.8	49.5	48.6	47.7	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 Health Status by Ethnic Group*, *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), *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* and *Deaths from Exposure to Excessive Natural Heat Occurring in Arizona*.



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