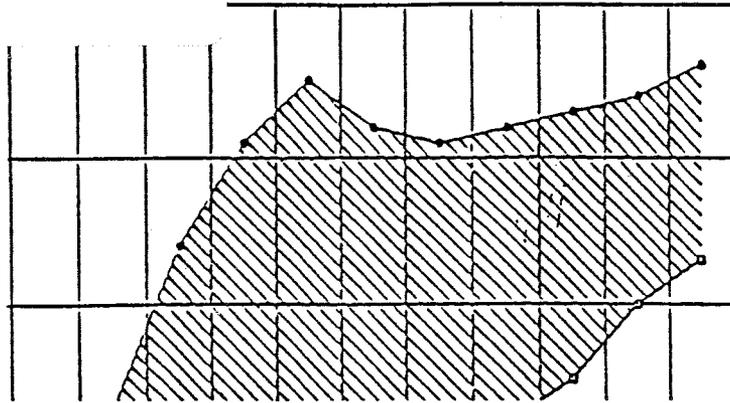


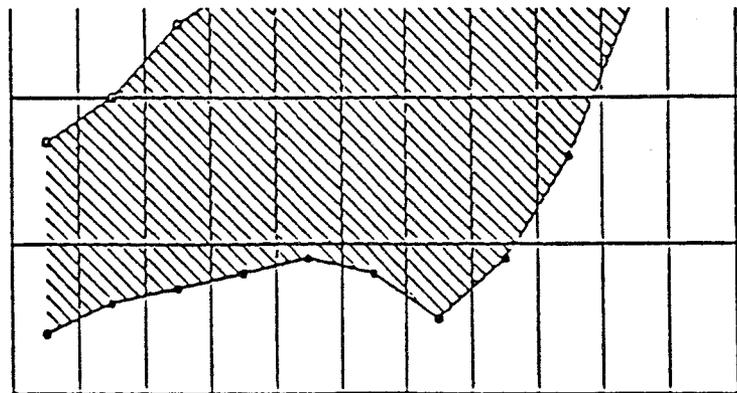
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Teenage Pregnancy,

ARIZONA, 1980-1989



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TEENAGE PREGNANCY, ARIZONA,¹ 1980-1989

PURPOSE

This report is the 1989 annual update of information about pregnancies of females under age 20. Its purpose is to provide information to individuals interested in this topic. The data for 1989, the last year of the decade of the 80's, are placed in a temporal context by comparison with the data for the prior nine years of the decade.

METHODS AND SOURCES

In this report, pregnancies are measured as the sum of three components: live births, fetal deaths (or stillbirths) and induced abortions to Arizona resident women, unless otherwise specified. The reporting requirement does not include spontaneous fetal losses that occur at less than 20 weeks of gestation.² Induced abortions do not include those performed out-of-state to Arizona residents, since they are not reported.

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

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

Population denominators for Arizona resident females, used to calculate rates, are annual figures from the Population Statistics Unit of the Arizona Department of Economic Security.

DATA ORGANIZATION

Tables 1-7 present annual rates from 1980 to 1989 of pregnancy, fertility and abortion for Arizona adolescents by age group, ethnic group, and county of residence. Temporal trends and changes may be assessed from these data. Tables 8-17 provide teenage pregnancy rates by county of residence and ethnic group in 1989. Live births to teenage mothers in Arizona are also reported by marital status, education, previous live births, trimester of entry into prenatal care, number of prenatal visits and birthweight of baby. Several characteristics were reported for the first time in 1989 because of the new Arizona birth certificate. The new data on sources of payment for labor and delivery, as well as data on tobacco and/or alcohol use during pregnancy are presented in tables 18-20.

Tables 21-23 compare live birth data for females less than 20 years old by several factors. Proportional contribution of teens births to all births is shown in table 21 by area of residence and ethnic group in Arizona from 1980 to 1989. Table 22 compares birth rates by mother's age group in Arizona and the United States in selected years from 1950 to 1989. Table 23 presents the rank-order of states exceeding the nationwide

¹ Special gratitude is expressed to Roberta Durfee and Dorothy Reissig for their patience and expertise in typing and formatting the manuscript.

² However, if the gestation period is unknown or uncertain, a fetal death certificate is filed if the fetus weighs 500 grams or more.

percent of births to teens in 1986, the most current year for which comparative data by state are available.

SELECTED FINDINGS

This section presents some illustrative findings from the 23 tables which follow. It is not intended to be an exhaustive analysis of the tabulated data.

The number of pregnancies to Arizona females less than 20 years old increased by 7.2 percent from 11,204 in 1980 to 12,013 in 1989 (Table 1). This increase in the number of pregnancies was lower than the 11.2 percent population increase of females 19 or less years old in Arizona (Table 2), and effected a 3.7 percent reduction in the pregnancy rate from 1980 to 1989 (Table 4). The 1989 rate of 46.6 pregnancies per 1,000 Arizona females aged 19 years or less was the lowest of the decade and declined by 7.7 percent from the decade-high rate of 50.5 in 1987. One in 20 females 19 or less years old became pregnant in 1987 compared to slightly less than one in 21 in 1989.

Declines in pregnancy rates from 1980 to 1989 were noted for both girls under 15 years and adolescents 15-17 years old, while the pregnancy rate for females 18-19 years old was 8.3 percent greater in 1989 than it was in 1980. However, all age specific pregnancy rates in 1989 were lower than the corresponding annual average rates calculated for the entire period 1980 to 1989 (Table 4, Figure 1). The annual pregnancy rates among females 15-19 years old varied from 1980 to 1989 within the range of less than +5 percent above or below the ten-year average rate (Figure 2).

Since 1980, the reported use of abortion declined by 21.9 percent among teenaged females in Arizona (Table 4). Seventy-eight percent of pregnancies to females under age 20 resulted in live births in 1989 compared to 74.2 percent in 1980.

In 1980, 4,206 out of 8,311 (or 50.6 percent) of all live births to females 19 or less years old were White, non-Hispanic mothers (Table 5). In 1989, the majority of teenagers giving birth were Hispanic, Native American and Black. White, non-Hispanic females accounted for 43.8 percent of all live births to preadolescents and adolescents in Arizona in 1989. In contrast, both in 1980 and 1989, White, non-Hispanic females accounted for more than 70 percent of all abortions to teenagers (the numbers of abortions used to calculated percentages are given in Table 6).

Since 1980, the annual pregnancy rate of females aged 15-19 in Maricopa and Pinal counties consistently exceeded the statewide rate (Table 7). Little or no progress was made from 1980 to 1989 in reducing adolescent pregnancy rates in Apache, Pinal and Santa Cruz counties (Table 7). Adolescent pregnancy rates were reduced at least 15 percent from 1980 to 1989 in five counties: Greenlee, Gila, Graham, Navajo and Yavapai. The 1989 adolescent pregnancy rates in Coconino, Yuma and Maricopa counties were at least 18 percent higher than the corresponding rates in 1980 (Table 7). In Pinal county the pregnancy rate of females 19 or less years of age exceeded the 1989 statewide rate by 21.7 percent (Table 8). In contrast, the Greenlee, Yavapai and Navajo teen pregnancy rates in 1989 were at least 30 percent below the state's rate (Table 8).

In 1989, 15.2 percent of all pregnancies in Arizona were to females 19 or less years of age (Table 9). Pinal county in 1989 had the largest proportional contribution of teen pregnancies to all pregnancies in that county at 21.5 percent.

Pregnancy rates of Black, Hispanic and Native American teenagers exceeded the overall teenage pregnancy rate in 1989 by 98.3, 36.7 and 24.7 percent, respectively (Table 10). The 1989 pregnancy rate of White, non-Hispanic teenaged females was 22.7 percent lower than the statewide rate.

Almost one-fourth (24.2 percent) of teenage mothers in 1989 had a prior live birth (Table 12) and 70.2 percent were unmarried (Table 13). Seventy-five percent of teenaged females giving birth in 1989 had at least five prenatal visits (Table 16). However, only one in four (25.5 percent) had private health insurance to pay the costs of labor and delivery. Smoking during pregnancy was noted for one in six teenage mothers in 1989 (16 percent) and alcohol use during pregnancy was noted for one in 43. Use of alcohol combined with smoking was reported for 1.3 percent of all mothers under age 20 (Table 18).

From among several risk factors that make a distinction in the risk for low-birthweight births (Table 20), gestational age at birth is of primary significance. Shortened gestation (less than 38 weeks) elevates the risk for low-birthweight to 38.2 percent of all deliveries, 17 times greater than the rate of 2.2 LBW babies per 100 births when gestational age is above 37 weeks.

The proportional contribution of teen births to all births decreased by 15.7 percent from 1980 to 1989 (Table 21). Black, Hispanic and Native American teenaged females in 1989 had the largest proportional contribution of teen births to all births in their respective ethnic groups. The 10.6 percent higher teenage pregnancy rate for rural relative to urban adolescents in 1980 increased to a 17.9 percent excess in 1989 (Table 21).

The peak of teenage childbearing was not, however, in the 1980's. The 1960 birth rate for 1,000 Arizona females 15-19 years old was 111.8, at least 35.9 percent greater than any rate recorded since 1980.³ In spite of this decline, the 1988 rate of births among adolescents aged 15-19 years was 30 percent higher in Arizona than in the nation (Table 22). In 1986, Arizona ranked 16th among the 19 states that exceeded the nationwide percent of births to females under age 20 (Table 23).

Both birth rates (Table 22) and birth ratios (Table 23) clearly show that deliveries of live births by teens has been greater in Arizona than in the nation. This, however, does not mean that the overall teen pregnancy rates have been or are higher in Arizona compared to teen pregnancy in other states or the nation as a whole. Rather, the available data suggest that younger and older adolescents in Arizona, if pregnant, are more likely than their national peers to give birth and less likely to use abortion to terminate pregnancy. In 1986, abortion was used to terminate pregnancy 51 percent less among preadolescents 14 years old, and was used 45 percent less among 15-19 years old in Arizona than in the nation.⁴

It is estimated that about 10 percent of girls nationwide get pregnant at some time between age 13 and 19, but only half of them give birth.⁵ If we were to use the most recent data for Arizona (Table 11), the corresponding figures for our state would be 6.7

³ The highest U.S. fertility rate of 97.3 births per 1,000 females 15-19 years old was in 1957. See: Charlotte Low Allen, *Baby Talk: The Overblown Rhetoric of Teen Pregnancy*, *Insight*, April 30, 1990: 8-13.

⁴ Table 22 in Christopher K. Mrela: *Abortion Surveillance Report, Arizona, 1983-1988*, Phoenix: Arizona Department of Health Services, June 1989.

⁵ Charlotte Low Allen, op.cit.

percent of all girls 13-19 years old got pregnant in 1989 and 78.1 percent of these pregnancies ended in live births.⁶

During the decade of the 80's, 72.6 of all pregnancies to adolescents 15-19 years old in Arizona ended in live births (Table 4). In other words, the annual average pregnancy rate in this age group (93.1/1,000) was equal to the birth rate of 67.6 multiplied by 1.377.⁷ The comparative national pregnancy rates for adolescents 15-19 years old are not available after 1983.⁸ However, if we assume (as we did above) that only 50 percent of all pregnant adolescents nationally give birth, their estimated pregnancy rate would be twice as high as the known rate of births. Using the above assumptions, the adolescent pregnancy rate in the United States from 1980 to 1988 would be 104.0 (52.0 x 2) which is 11.7 percent greater than the rate for Arizona adolescents during the 1980's.

⁶ There were 12,004 pregnancies among 178,885 females 13-19 years old, and 9,371 live births among 12,004 pregnancies (Table 11).

⁷ $\frac{93.1}{67.6} = 1.377$

⁸ S. Ventura, S.M. Taffel, and W.D. Mosher: Estimates of Pregnancies and Pregnancy Rates for the United States, 1976-1983, American Journal of Public Health, May 1988, Vol. 78:506-511.

FIGURE 1.
 PREGNANCY RATES BY AGE GROUP AND YEAR, FEMALES 15-19 YEARS OLD,
 ARIZONA, 1980-1989

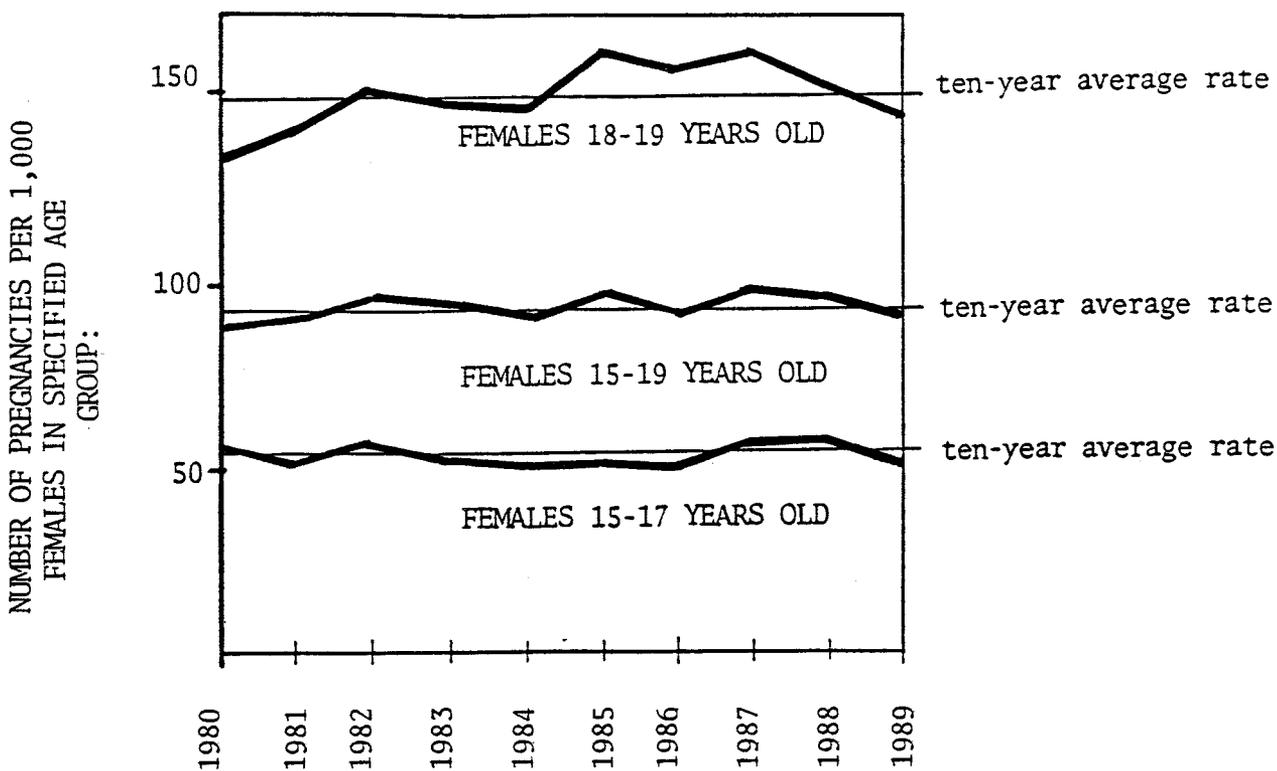
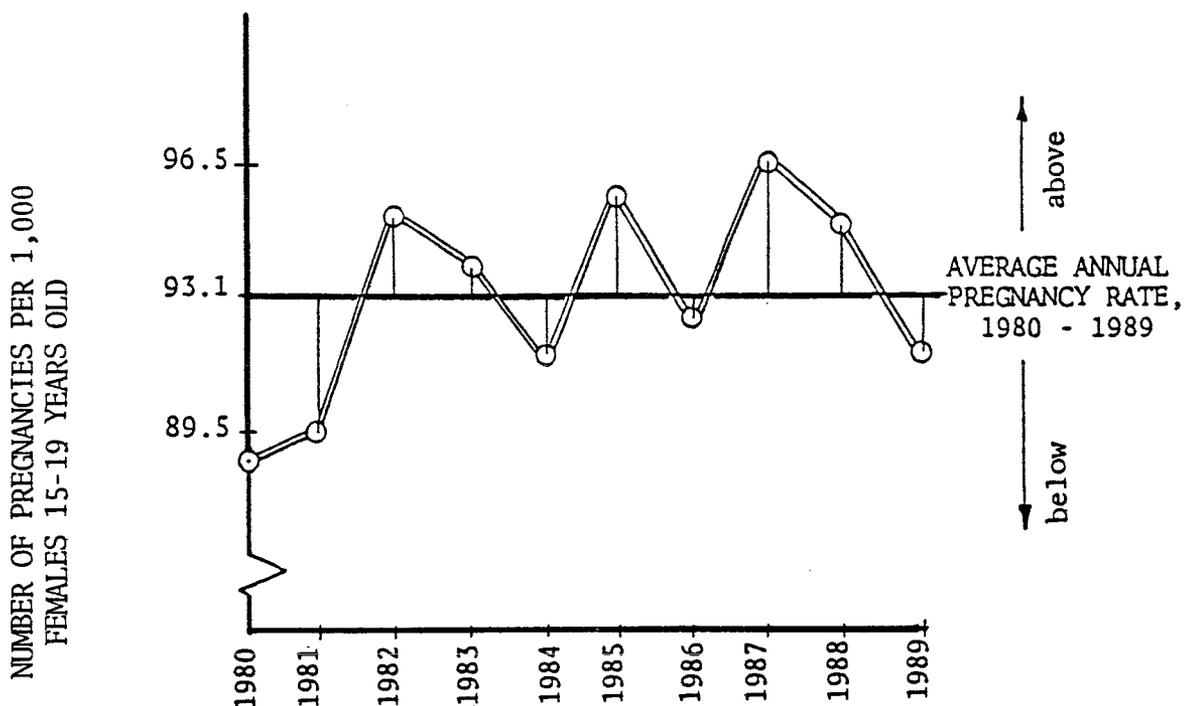


FIGURE 2.
 PREGNANCY RATES BY YEAR AND THE AVERAGE ANNUAL PREGNANCY RATE^a, FEMALES
 15-19 YEARS OLD, ARIZONA, 1980-1989



^aNumber of pregnancies / 1,000 females 15-19 years old /year.

TABLE 1

**PREGNANCIES AND PREGNANCY OUTCOMES BY AGE GROUP AND YEAR,
FEMALES 19 OR LESS YEARS OLD, ARIZONA,
1980 - 1989**

<u>Pregnancy Outcome and year</u>	<u>Total, females 19 or less years old</u>	<u>Under 15 Years</u>	<u>15-19 years</u>		
			<u>Total</u>	<u>15-17 Years</u>	<u>18-19 Years</u>
<i>All Pregnancies</i>					
1980	11,204	223	10,981	4,066	6,915
1981	11,045	182	10,863	3,831	7,032
1982	11,568	238	11,330	3,935	7,395
1983	11,186	222	10,964	3,649	7,315
1984	10,857	190	10,667	3,583	7,084
1985	11,595	225	11,370	3,795	7,575
1986	11,636	253	11,383	4,010	7,373
1987	12,342	228	12,114	4,399	7,715
1988	12,385	236	12,149	4,448	7,701
1989	12,013	229	11,784	4,043	7,741
<i>Live Births</i>					
1980	8,311	138	8,173	3,002	5,171
1981	8,237	123	8,114	2,814	5,300
1982	8,228	131	8,097	2,788	5,309
1983	7,809	123	7,686	2,651	5,035
1984	7,623	110	7,513	2,614	4,899
1985	8,026	110	7,916	2,688	5,228
1986	8,376	152	8,224	2,914	5,310
1987	8,775	142	8,633	3,200	5,433
1988	9,043	160	8,883	3,300	5,583
1989	9,375	159	9,216	3,193	6,023
<i>Abortions</i>					
1980	2,893	85	2,808	1,064	1,744
1981	2,808	59	2,749	1,017	1,732
1982	3,340	107	3,233	1,147	2,086
1983	3,377	99	3,278	998	2,280
1984	3,234	80	3,154	969	2,185
1985	3,512	113	3,399	1,085	2,314
1986	3,217	99	3,118	1,084	2,034
1987	3,504	82	3,422	1,174	2,248
1988	3,282	75	3,207	1,126	2,081
1989	2,588	69	2,519	829	1,690
<i>Fetal Losses</i>					
1985 ^a	57	2	55	22	33
1986	43	2	41	12	29
1987	63	4	59	25	34
1988	60	1	59	22	37
1989	50	1	49	21	28

^a Fetal death data by mother's age are not available prior to 1985, and pregnancies for 1980-1984 are measured as the sum of live births and induced abortions. Reportable fetal losses contribute 0.5 percent or less to all pregnancies to females under age 20.

TABLE 2

POPULATION^a OF FEMALES 19 OR LESS
YEARS OLD^b BY AGE GROUP AND YEAR,
ARIZONA, 1980 - 1989

Year	Total, females 19 or less years old	Under 15 Years ^c	15-19 years		
			Total	15-17 Years	18-19 Years
1980	231,724	107,990	123,734	72,191	51,543
1981	233,362	112,049	121,313	71,491	49,816
1982	231,778	112,820	118,958	69,756	49,202
1983	230,741	113,778	116,963	68,035	48,928
1984	231,236	114,720	116,516	68,824	47,692
1985	233,556	115,406	118,150	71,549	46,601
1986	240,244	116,923	123,321	76,075	47,246
1987	244,564	119,643	124,921	76,968	47,953
1988	250,969	123,823	127,146	76,671	50,475
1989	257,575	128,990	128,585	75,338	53,247

- ^a Source: Baseline Projections, Arizona Department of Economic Security, Populations Statistics Unit, 12/12/86 (Data for 1986-1989); Baseline Projections, 10/30/85 (data for 1981-1985); the Bureau of the Census (data for 1980).
- ^b Females 10-19 years of age.
- ^c Females 10-14 years of age.

TABLE 3

PERCENT DISTRIBUTION OF PREGNANCIES TO FEMALES 19 OR LESS
YEARS OLD BY AGE GROUP AND YEAR,
ARIZONA, 1980 - 1989

Year	Total, females 19 or less years old	Under 15 Years	15-19 years		
			Total	15-17 Years	18-19 Years
1980	100.0	2.0	98.0	36.3	61.7
1981	100.0	1.6	98.4	34.7	63.7
1982	100.0	2.1	97.9	34.0	63.9
1983	100.0	2.0	98.0	32.6	65.4
1984	100.0	1.8	98.2	33.0	65.2
1985	100.0	1.9	98.1	32.8	65.3
1986	100.0	2.2	97.8	34.5	63.3
1987	100.0	1.9	98.1	35.6	62.5
1988	100.0	1.9	98.1	35.9	62.2
1989	100.0	1.9	98.1	33.7	64.4

- ^a Females 10-14 years old

TABLE 4

**PREGNANCY RATES^a BY PREGNANCY OUTCOME, AGE GROUP AND YEAR,
FEMALES 19 OR LESS YEARS OLD, ARIZONA, 1980 - 1989**

Pregnancy Outcome and year	Total, females 19 or less years old	Under 15 Years	15-19 years		
			Total	15-17 Years	18-19 Years
All Pregnancies, 1980-1989:^b	48.6	1.9	93.1	54.7	149.9
1980	48.4	2.1	88.7	56.3	134.2
1981	47.3	1.6	89.5	53.6	141.2
1982	49.9	2.1	95.2	56.4	150.3
1983	48.5	2.0	93.7	53.6	149.5
1984	47.0	1.7	91.6	52.1	148.5
1985	49.6	1.9	95.8	53.0	162.6
1986	48.4	2.2	92.8	52.7	156.1
1987	50.5	1.9	96.5	57.2	160.9
1988	49.3	1.9	94.9	58.0	152.6
1989	46.6	1.8	91.6	53.7	145.4
% Change 1980-1989:	-3.7	-14.3	+3.3	-4.6	+8.3
Live Births, 1980-1989:^b	35.1	1.2	67.6	40.1	108.2
1980	35.9	1.3	66.0	41.6	100.3
1981	35.3	1.1	66.9	39.4	106.4
1982	35.5	1.2	68.1	40.0	107.9
1983	33.8	1.1	65.7	39.0	102.9
1984	33.0	1.0	64.5	38.0	102.7
1985	34.4	0.9	67.0	37.6	112.2
1986	34.9	1.3	66.7	38.3	112.4
1987	35.9	1.2	69.1	41.6	113.3
1988	36.0	1.3	69.7	43.0	110.6
1989	36.4	1.2	71.7	42.4	113.1
% Change 1980-1989:	+1.4	-7.7	+8.6	+1.9	+12.8
Abortions, 1980-1989:^b	13.3	0.7	25.3	14.4	41.4
1980	12.5	0.8	22.7	14.7	33.9
1981	12.0	0.5	22.6	14.2	34.8
1982	14.4	0.9	27.1	16.4	42.4
1983	14.6	0.9	28.0	14.7	46.6
1984	14.0	0.7	27.1	14.1	45.8
1985	15.2	1.0	28.8	15.2	49.6
1986	13.4	0.8	25.3	14.2	43.1
1987	14.3	0.7	27.4	15.3	46.9
1988	13.1	0.6	25.2	14.7	41.2
1989	10.0	0.5	19.6	11.0	31.7
% Change 1980-1989:	-21.9	-37.5	-13.7	-25.2	-6.5
Fetal Losses					
1985	0.2	*	0.5	0.3	0.7
1986	0.2	*	0.3	0.2	0.6
1987	0.3	*	0.5	0.3	0.7
1988	0.2	*	0.5	0.3	0.7
1989	0.2	*	0.4	0.3	0.5

- ^a Number of pregnancies per 1,000 females in specified age group.
^b Average annual rate during the 1980-1989 period. It is calculated by dividing the total number of pregnancies from 1980 to 1989 by the total number of females in specified age groups in the entire period 1980 to 1989.
* Quantity more than zero but less than 0.1.

TABLE 5

LIVE BIRTHS TO FEMALES 19 OR LESS YEARS OLD BY AGE GROUP,
ETHNIC GROUP AND YEAR, ARIZONA, 1980 - 1989

Ethnic Group and Year	Total, females 19 or less years old	Under 15 Years	15-19 years		
			Total	15-17 Years	18-19 Years
White^a					
1980	4,206	45	4,161	1,326	2,835
1981	4,119	26	4,093	1,252	2,841
1982	4,084	35	4,049	1,195	2,854
1983	3,864	30	3,834	1,174	2,660
1984	3,701	25	3,676	1,139	2,537
1985	4,024	28	3,996	1,240	2,756
1986	3,947	37	3,910	1,267	2,643
1987	4,220	32	4,188	1,368	2,820
1988	4,181	32	4,149	1,358	2,791
1989	4,104	36	4,068	1,215	2,853
Black					
1980	445	21	424	189	235
1981	467	19	448	187	261
1982	443	13	430	179	251
1983	468	15	453	181	272
1984	440	16	424	162	262
1985	422	14	408	158	250
1986	471	12	459	203	256
1987	501	21	480	199	281
1988	552	18	534	241	293
1989	593	14	579	230	349
Native American					
1980	1,077	26	1,051	431	620
1981	1,114	34	1,080	415	665
1982	1,125	25	1,100	428	672
1983	1,006	28	978	338	640
1984	1,000	26	974	366	608
1985	974	23	951	348	603
1986	1,010	38	972	394	578
1987	1,020	33	987	427	560
1988	1,144	37	1,107	470	637
1989	1,137	28	1,109	431	678
Other Race					
1980	26	1	25	8	17
1981	22	0	22	5	17
1982	30	3	27	8	19
1983	32	0	32	11	21
1984	38	0	38	10	28
1985	36	3	33	6	27
1986	39	0	39	11	28
1987	50	0	50	18	32
1988	67	2	65	22	43
1989	82	0	82	23	59
Hispanic					
1980	2,557	45	2,512	1,048	1,464
1981	2,515	44	2,471	955	1,516
1982	2,546	55	2,491	978	1,513
1983	2,439	50	2,389	947	1,442
1984	2,444	43	2,401	937	1,464
1985	2,570	42	2,528	936	1,592
1986	2,909	65	2,844	1,039	1,805
1987	2,984	56	2,928	1,188	1,740
1988	3,099	71	3,028	1,209	1,819
1989	3,459	81	3,378	1,294	2,084
All Ethnic Groups					
1980	8,311	138	8,173	3,002	5,171
1981	8,237	123	8,114	2,814	5,300
1982	8,228	131	8,097	2,788	5,309
1983	7,809	123	7,686	2,651	5,035
1984	7,623	110	7,513	2,614	4,899
1985	8,026	110	7,916	2,688	5,228
1986	8,376	152	8,224	2,914	5,310
1987	8,775	142	8,633	3,200	5,433
1988	9,043	160	8,883	3,300	5,583
1989	9,375	159	9,216	3,193	6,023

^a Not of Hispanic origin.

TABLE 6

ABORTIONS TO FEMALES 19 OR LESS YEARS OF AGE BY AGE GROUP, ETHNIC GROUP AND YEAR, ARIZONA, 1980-1989

Ethnic Group and year	Total, females 19 or less years old	Under 15 Years	15-19 years		
			Total	15-17 Years	18-19 Years
White^a					
1980	2,068	51	2,017	775	1,242
1981	2,147	39	2,108	851	1,257
1982	2,364	65	2,299	835	1,464
1983	2,415	59	2,356	744	1,612
1984	2,492	59	2,453	735	1,698
1985	2,466	74	2,392	782	1,610
1986	2,376	54	2,322	816	1,506
1987	2,601	55	2,546	889	1,657
1988	2,368	53	2,315	813	1,502
1989	1,831	33	1,798	614	1,202
Black					
1980	98	3	95	28	67
1981	79	2	77	32	45
1982	125	10	115	39	76
1983	115	3	112	32	80
1984	170	6	164	52	112
1985	153	11	142	49	93
1986	186	11	175	69	106
1987	186	8	178	64	114
1988	172	5	167	55	112
1989	136	7	129	29	100
Native Americans					
1980	38	1	37	14	23
1981	36	1	35	10	25
1982	37	3	34	12	22
1983	43	1	42	16	26
1984	46	2	44	12	32
1985	53	2	51	17	34
1986	48	3	45	15	30
1987	54	2	52	20	32
1988	62	0	62	21	41
1989	42	1	41	14	27
Other Race					
1980	43	2	41	8	33
1981	36	2	34	10	24
1982	52	2	50	13	37
1983	49	2	47	9	38
1984	16	1	15	2	13
1985	22	0	22	3	19
1986	30	2	28	7	21
1987	27	1	26	8	18
1988	18	0	18	2	16
1989	17	0	17	1	16
Hispanic					
1980	318	16	302	92	210
1981	260	11	249	101	148
1982	342	11	331	123	208
1983	370	16	354	108	246
1984	354	7	347	118	229
1985	456	14	442	134	308
1986	452	22	430	139	291
1987	469	12	457	144	313
1988	424	11	413	161	252
1989	415	22	393	130	263
All Ethnic Groups^b					
1980	2,893	85	2,808	1,064	1,744
1981	2,808	59	2,749	1,017	1,732
1982	3,340	107	3,233	1,147	2,086
1983	3,377	99	3,278	998	2,280
1984	3,234	80	3,154	969	2,185
1985	3,512	113	3,399	1,085	2,314
1986	3,217	99	3,118	1,084	2,034
1987	3,504	82	3,422	1,174	2,248
1988	3,282	75	3,207	1,126	2,081
1989	2,588	69	2,519	829	1,690

^a Not of Hispanic origin.

^b The total includes records with unspecified ethnic group.

TABLE 7

NUMBER OF PREGNANCIES^a AND PREGNANCY RATES^b BY COUNTY OF RESIDENCE AND YEAR, FEMALES 15-19 YEARS OLD, ARIZONA, 1980 - 1989

Year		Santa															
		Arizona ^c	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Cruz	Yavapai	Yuma
1980	Number	10,981	309	282	378	180	109	53	NA	6,268	160	343	1,821	459	81	185	298
	Rate	88.7	99.1	70.6	81.2	113.5	91.5	110.4	NA	93.2	76.7	93.5	75.3	112.2	79.7	77.2	87.5
1981	Number	10,863	303	325	364	172	114	47	NA	6,186	159	385	1,803	462	82	213	347
	Rate	89.5	100.1	80.5	94.2	105.9	100.0	98.5	NA	94.0	69.2	86.0	77.9	113.3	79.3	83.2	108.9
1982	Number	11,330	372	275	359	188	106	51	NA	6,484	178	351	1,846	535	70	208	312
	Rate	95.2	124.0	67.1	106.4	114.6	93.6	102.4	NA	99.8	75.1	78.9	83.8	127.4	67.0	81.3	101.0
1983	Number	10,964	313	278	335	161	91	31	46	6,282	171	355	1,902	459	64	199	277
	Rate	93.7	106.7	69.4	100.7	98.2	82.0	69.0	92.2	98.6	72.2	80.9	88.5	110.5	61.4	76.8	85.4
1984	Number	10,667	309	229	339	148	93	41	35	6,260	157	314	1,816	415	78	159	274
	Rate	91.6	109.2	58.9	100.8	94.8	88.7	96.7	70.1	98.1	64.1	72.5	84.7	101.1	73.9	63.9	83.8
1985	Number	11,315	274	236	330	153	88	33	53	6,568	144	297	1,963	463	72	177	289
	Rate	95.8	95.1	60.2	97.8	100.5	82.4	83.8	100.9	101.5	58.0	69.0	90.2	115.1	62.3	64.4	86.1
1986	Number	11,342	273	258	331	130	81	22	43	6,884	169	296	1,859	442	79	167	308
	Rate	92.8	93.0	65.6	94.5	81.9	79.1	50.0	81.9	100.6	64.8	67.4	83.8	107.0	67.6	57.9	89.9
1987	Number	12,055	276	300	355	124	86	32	40	7,388	170	308	1,855	483	88	200	350
	Rate	96.5	94.6	76.4	99.8	79.4	80.3	69.9	78.1	105.9	65.8	69.8	83.4	115.0	70.5	67.6	101.3
1988	Number	12,090	284	265	352	131	75	18	51	7,374	198	319	1,861	513	99	221	329
	Rate	94.9	96.9	66.8	97.0	84.1	70.7	39.1	104.5	103.5	76.3	72.8	81.3	120.6	77.0	74.2	96.7
1989	Number	11,784	282	285	385	135	79	20	41	7,113	201	294	1,806	474	103	194	371
	Rate	91.6	95.4	70.7	104.4	86.9	75.7	42.6	85.6	98.5	77.5	66.9	77.8	111.5	79.7	65.3	109.4
% Change in Rates 1980-1989		+3.3	-3.7	+0.1	+28.1	-23.4	-17.3	-61.4	-7.2 ^d	+18.4	+1.0	-28.4	+3.3	-0.9	0.0	-15.4	+25.0

^a Fetal death data by mother's age are not available prior to 1985, and pregnancies in Table 7 are measured as the sum of live births and induced abortions. Reportable fetal losses contribute 0.5 percent or less to all pregnancies to females under age 20.

^b The number of pregnancies per 1,000 females 15-19 years old in specified county. Females 15-19 years old account for 98 percent of all pregnancies among females under age 20. The distribution of pregnancies among females under 15 years old by county of residence is shown in Table 8.

^c The total includes records with unspecified county of residence.

^d Percent change in rates from 1983 to 1989. La Paz county was included in Yuma county prior to 1983.

TABLE 8

**PREGNANCY RATES AND NUMBER OF BIRTHS, FETAL DEATHS AND ABORTIONS AMONG TEENS
BY COUNTY OF RESIDENCE AND AGE GROUP,
ARIZONA, 1989**

County of Residence	Under 15				15 - 17				18 - 19				All, 19 or Less Years of Age				Total Pregnancies	
	Live Births	Fetal Deaths	Abortions	Total Pregnancies*	Live Births	Fetal Deaths	Abortions	Total Pregnancies	Live Births	Fetal Deaths	Abortions	Total Pregnancies	Live Births	Fetal Deaths	Abortions	Number	Rate**	
Apache	4	0	0	4	98	0	1	99	179	0	5	184	281	0	6	287	45.6	
Cochise	4	0	1	5	93	1	14	108	163	0	14	177	260	1	29	290	36.4	
Coconino	4	0	0	4	92	0	16	108	207	0	70	277	303	0	86	389	51.9	
Gila	0	0	1	1	42	0	4	46	86	0	3	89	128	0	8	136	41.8	
Graham	2	0	0	2	22	0	0	22	55	0	2	57	79	0	2	81	36.8	
Greenlee	1	0	0	1	9	0	0	9	9	0	2	11	19	0	2	21	21.7	
La Paz	1	0	0	1	11	0	1	12	23	0	6	29	35	0	7	42	39.5	
Maricopa	97	0	54	151	1,807	15	627	2,449	3,362	17	1,285	4,664	5,266	32	1,966	7,264	50.6	
Mohave	1	0	0	1	63	0	2	65	124	1	11	136	188	1	13	202	38.5	
Navajo	4	0	1	5	112	0	5	117	172	1	4	177	288	1	10	299	32.5	
Pima	21	1	7	29	492	2	122	616	958	3	229	1,190	1,471	6	358	1,835	40.1	
Pinal	14	0	3	17	163	0	20	183	262	2	27	291	439	2	50	491	56.7	
Santa Cruz	1	0	0	1	35	0	5	40	56	0	7	63	92	0	12	104	39.4	
Yavapai	1	0	0	1	55	0	9	64	113	2	15	130	169	2	24	195	31.9	
Yuma	4	0	2	6	99	3	3	105	254	2	10	266	357	5	15	377	53.6	
ARIZONA	159	1	69	229	3,193	21	829	4,043	6,023	28	1,690	7,741	9,375	50	2,588	12,013	46.6	

* Sum of live births, fetal deaths and induced abortions.

** Number of pregnancies per 1,000 females 10-19 years of age.

TABLE 9

**NUMBER OF PREGNANCIES AND PREGNANCY RATES FOR ALL FEMALES AND
TEENAGE FEMALES BY COUNTY OF RESIDENCE,
ARIZONA, 1989**

County	Estimated Female Population of Childbearing Age: ¹	TOTAL PREGNANCIES, ALL AGES		Estimated Female Population 10-19 Years Old	TEEN PREGNANCIES		
		Number	Rate ²		Number	Rate ³	Teen Pregnancies as a Percent of All Pregnancies
Apache	14,059	1,816	129.2	6,293	287	45.6	15.8
Cochise	23,644	1,885	79.7	7,959	290	36.4	15.4
Coconino	25,713	2,436	94.7	7,493	389	51.9	16.0
Gila	8,323	687	82.5	3,254	136	41.8	19.8
Graham	5,275	466	88.3	2,200	81	36.8	17.4
Greenlee	2,074	122	58.8	966	21	21.7	17.2
La Paz	2,774	230	82.9	1,062	42	39.5	18.3
Maricopa	493,965	48,003	97.2	143,701	7,264	50.6	15.1
Mohave	17,157	1,407	82.0	5,243	202	38.5	14.4
Navajo	20,825	2,058	98.8	9,203	299	32.5	14.5
Pima	169,586	13,136	77.5	45,748	1,835	40.1	14.0
Pinal	23,501	2,282	97.1	8,664	491	56.7	21.5
Santa Cruz	6,893	747	108.4	2,641	104	39.4	13.9
Yavapai	19,440	1,379	70.9	6,112	195	31.9	14.1
Yuma	18,951	2,424	127.9	7,036	377	53.6	15.6
ARIZONA	852,180	79,078	92.8	257,575	12,013	46.6	15.2

¹ Females 15-44 years of age.

² The total pregnancy rate is computed by relating the total number of pregnancies, regardless of mother's age, to the total population of women of childbearing age (15-44 years old). The total pregnancy rate is presented as the number of pregnancies per 1,000 women 15-44 years of age.

³ Number of pregnancies per 1,000 females 10-19 years old in specified group.

TABLE 10

PREGNANCY RATES AND NUMBER OF LIVE BIRTHS, FETAL DEATHS AND INDUCED ABORTIONS TO TEENS (19 OR LESS YEARS OF AGE) BY ETHNICITY, ARIZONA, 1989

ETHNIC GROUP	Estimated Female Population 10-19 Years of Age: ^a	Live Births	Stillbirths (Fetal Deaths)	Induced Abortions	TOTAL PREGNANCIES:		
					Number	Rate ^b	Percent Pregnancies Ending in Abortion:
White	165,878	4,104	35	1,831	5,970	36.0	30.7
Hispanic ^c	60,788	3,459	NA ^d	415	3,874	63.7	10.7
Black	7,985	593	9	136	738	92.4	18.4
Native American	20,348	1,137	4	42	1,183	58.1	3.6
Other Race	2,576	82	2	17	101	39.2	16.8
Unknown	-	-	-	147	147	-	-
All Ethnic Groups:	257,575	9,375	50	2,558	12,013	46.6	21.3

- ^a Based on a "census-share" approach applied by the Arizona Department of Economic Security, Research Administration in generating population projections.
- ^b Number of pregnancies per 1,000 females in specified group.
- ^c Whites are Whites not of Hispanic origin. For the purposes of this classification Hispanics are Whites of Hispanic origin who constitute 97 percent of the Hispanic population in Arizona.
- ^d Not available on the annual fetal deaths tape.

TABLE 11

PREGNANCY RATES^a AND NUMBER OF LIVE BIRTHS, FETAL DEATHS AND ABORTIONS TO TEENS BY INDIVIDUAL AGE, ARIZONA, 1989

Age	Estimated ^b Population:	Live Births	Stillbirths (Fetal Deaths)	Induced Abortions	Total Pregnancies	
					Number	Rate
10	26,732	0	0	1	1	*
11	26,227	1	0	0	1	*
12	25,761	3	0	3	6	0.2
13	25,159	29	0	14	43	1.7
14	25,111	126	1	51	177	7.0
10-14	128,990	159	1	69	229	1.8
15	24,664	446	4	151	601	24.4
16	25,341	1,016	6	284	1,306	51.5
17	25,333	1,731	11	394	2,136	84.3
15-17	76,338	3,193	21	829	4,043	53.7
18	26,869	2,654	11	821	3,486	129.7
19	26,378	3,369	17	869	4,255	161.3
18-19	53,247	6,023	28	1,690	7,741	145.4
TOTAL, 10-19	257,575	9,375	50	2,588	12,013	46.6

- ^a Rates per 1,000 estimated female population in specific group.
- ^b Baseline Projections published by the Arizona Department of Economic Security, Population Statistics Unit, 12/12/86.
- ^c Includes six records with unspecified individual age.
- * Quantity more than zero but less than 0.1.

TABLE 12
TEENAGE BIRTHS BY NUMBER OF PREVIOUS LIVE BIRTHS
BY AGE GROUP, ARIZONA, 1989

Age		Previous Live Births			Total
		None	One or More	Unspecified	
UNDER 15	NUMBER	155	4	0	159
	PERCENT	97.5	2.5	-	100.0
15-17	NUMBER	2,720	471	2	3,193
	PERCENT	85.2	14.8	0.0	100.0
18-19	NUMBER	4,226	1,793	4	6,023
	PERCENT	70.2	29.8	0.0	100.0
ALL, 10-19	NUMBER	7,101	2,268	6	9,375
	PERCENT	75.7	24.2	0.0	100.0

TABLE 13
TEENAGE BIRTHS BY MARITAL STATUS AND AGE GROUP
ARIZONA, 1989

Age		Married	Single	Total
UNDER 15	NUMBER	4	155	159
	PERCENT	3.1	96.9	100.0
15-17	NUMBER	577	2,616	3,193
	PERCENT	18.1	81.9	100.0
18-19	NUMBER	2,216	3,807	6,023
	PERCENT	36.8	63.2	100.0
ALL, 10-19	NUMBER	2,797	6,578	9,375
	PERCENT	29.8	70.2	100.0

TABLE 14
TEENAGE BIRTHS BY MOTHER'S EDUCATION AND AGE GROUP,
ARIZONA, 1989

Age		Years of Education			Not Stated	Total
		0-8	9-12	13+		
UNDER 15	NUMBER	123	32	0	4	159
	PERCENT	77.4	20.1	-	2.5	100.0
15-17	NUMBER	524	2,563	11	95	3,193
	PERCENT	16.4	80.3	0.3	3.0	100.0
18-19	NUMBER	559	4,915	372	177	6,023
	PERCENT	9.3	81.6	6.2	2.9	100.0
ALL, 10-19	NUMBER	1,206	7,510	383	276	9,375
	PERCENT	12.9	80.1	4.1	2.9	100.0

TABLE 15

**TEENAGE BIRTHS BY TRIMESTER OF ENTRY INTO PRENATAL CARE
ARIZONA, 1989**

Age		Trimester of Entry			No Care	Not Stated	Total
		First	Second	Third			
UNDER 15	NUMBER	59	57	24	14	5	159
	PERCENT	37.1	35.8	15.1	8.8	3.1	100.0
15-17	NUMBER	1,309	1,129	456	221	78	3,193
	PERCENT	41.0	35.4	14.3	6.9	2.4	100.0
18-19	NUMBER	2,704	2,031	808	356	124	6,023
	PERCENT	44.9	33.7	13.4	5.9	2.1	100.0
ALL, 10-19	NUMBER	4,072	3,217	1,288	591	207	9,375
	PERCENT	43.4	34.3	13.7	6.3	2.2	100.0

TABLE 16

**TEENAGE BIRTHS BY AMOUNT OF PRENATAL VISITS,
ARIZONA, 1989**

Age		Number of Prenatal Visits			No Visits	Not Stated	Total
		1-4	5-8	9+			
UNDER 15	NUMBER	24	41	73	14	7	159
	PERCENT	15.1	25.8	45.9	8.8	4.4	100.0
15-17	NUMBER	409	845	1,575	222	142	3,193
	PERCENT	12.8	26.5	49.3	7.0	4.4	100.0
18-19	NUMBER	753	1,457	3,252	361	200	6,023
	PERCENT	12.5	24.2	54.0	6.0	3.3	100.0
ALL, 10-19	NUMBER	1,186	2,343	4,900	597	349	9,375
	PERCENT	12.7	25.0	52.3	6.4	3.7	100.0

TABLE 17

**TEENAGE BIRTHS BY BIRTHWEIGHT AND MOTHER'S AGE GROUP
ARIZONA, 1989**

Age		Low Birthweight	Normal Weight	Total
		(< 2,500g)	(> 2,500g)	
UNDER 15	NUMBER	12	147	159
	PERCENT	7.5	92.5	100.0
15-17	NUMBER	266	2,927	3,193
	PERCENT	8.3	91.7	100.0
18-19	NUMBER	448	5,575	6,023
	PERCENT	7.4	92.6	100.0
ALL, 10-19	NUMBER	726	8,649	9,375
	PERCENT	7.7	92.3	100.0

TABLE 18

TOBACCO AND/OR ALCOHOL USE DURING PREGNANCY AMONG FEMALES 19 OR LESS YEARS OF AGE BY AGE GROUP, ARIZONA, 1989

Tobacco Use During Pregnancy:

<u>Age</u>		<u>Yes</u>	<u>No</u>	<u>Unknown</u>	<u>Total</u>
Under 15	Number	14	142	3	159
	Percent	8.8	89.3	1.9	100.0
15-17	Number	438	2,685	70	3,193
	Percent	13.7	84.1	2.2	100.0
18-19	Number	1,049	4,830	144	6,023
	Percent	17.4	80.2	2.4	100.0
All, 10-19	Number	1,501	7,657	217	9,375
	Percent	16.0	81.7	2.3	100.0

Alcohol Use During Pregnancy:

<u>Age</u>		<u>Yes</u>	<u>No</u>	<u>Unknown</u>	<u>Total</u>
Under 15	Number	6	149	4	159
	Percent	3.8	93.7	2.5	100.0
15-17	Number	70	3,038	85	3,193
	Percent	2.2	95.1	2.7	100.0
18-19	Number	140	5,711	172	6,023
	Percent	2.3	94.8	2.9	100.0
All, 10-19	Number	216	8,898	261	9,375
	Percent	2.3	94.9	2.8	100.0

Alcohol and Tobacco Use During Pregnancy:

<u>Age</u>		<u>Yes</u>	<u>No</u>	<u>Unknown</u>	<u>Total</u>
Under 15	Number	4	139	16	159
	Percent	2.5	87.4	10.1	100.0
15-17	Number	41	2,649	503	3,193
	Percent	1.3	83.0	15.8	100.0
18-19	Number	79	4,751	1,193	6,023
	Percent	1.3	78.9	19.8	100.0
All, 10-19	Number	124	7,539	1,712	9,375
	Percent	1.3	80.4	18.3	100.0

TABLE 19

**SOURCES OF PAYMENT FOR LABOR AND DELIVERY¹ AMONG FEMALES
19 OR LESS YEARS OF AGE BY AGE GROUP, ARIZONA, 1989**

<u>Age</u>		<u>SOURCES OF PAYMENT:</u>					<u>Total</u>
		<u>AHCCCS²</u>	<u>Private Insurance</u>	<u>IHS³</u>	<u>Self</u>	<u>Unknown</u>	
Under 15	Number	72	39	16	22	10	159
	Percent	45.3	24.5	10.1	13.8	6.3	100.0
15-17	Number	1,495	834	278	438	148	3,193
	Percent	46.8	26.1	8.7	13.7	4.6	100.0
18-19	Number	3,022	1,516	399	770	316	6,023
	Percent	50.2	25.2	6.6	12.8	5.2	100.0
All, 10-19	Number	4,589	2,839	693	1,230	474	9,375
	Percent	48.9	25.5	7.4	13.1	5.1	100.0

¹ Indicated on a birth certificate beginning in January 1989.

² The Arizona Health Care Cost Containment System is the state's alternative to Medicaid.

³ Indian Health Services.

TABLE 20

RISK FOR LOW-BIRTHWEIGHT BIRTHS BY SELECTED CHARACTERISTICS OF FEMALES 19 OR LESS YEARS OLD, ARIZONA, 1989

<u>Characteristic/Birthweight</u>	<u>Total, Females 19 or Less Years Old</u>	<u>Under 15 Years</u>	<u>15-17 Years</u>	<u>18-19 Years</u>
<u>Alcohol/Tobacco Use:</u>				
Tobacco Use,				
all births	1,501	14	438	1,049
# LBW births	161	1	52	108
% LBW births	10.7	7.1	11.9	10.3
Alcohol Use,				
all births	216	6	70	140
# LBW births	17	0	4	13
% LBW births	7.9	-	5.7	9.3
Tobacco and Alcohol Use,				
all births	124	4	41	79
# LBW births	10	0	2	8
% LBW births	8.1	-	4.9	10.1
<u>Payee for the Delivery:</u>				
AHCCCS, ¹				
all births	4,589	72	1,495	3,022
# LBW births	362	3	118	241
% LBW births	7.9	4.2	7.9	8.0
IHS, ²				
all births	693	16	278	399
# LBW births	49	2	25	22
% LBW births	7.1	12.5	9.0	5.5
Private Insurance,				
all births	2,389	39	834	1,516
# LBW births	172	2	68	102
% LBW births	7.2	5.1	8.2	6.7
Self,				
all births	1,230	22	438	770
# LBW births	101	4	35	62
% LBW births	8.2	18.2	8.0	8.1
Unknown,				
all births	474	10	148	316
# LBW births	42	1	20	21
% LBW births	8.9	10.0	13.5	6.6
<u>Length of Gestation:</u>				
≤ 37 weeks,				
all births	1,423	31	528	864
# LBW births	544	10	194	340
% LBW births	38.2	32.3	36.7	39.4
> 37 weeks,				
all births	7,842	127	2,622	5,093
# LBW births	169	2	67	100
% LBW births	2.2	1.5	2.6	2.0
<u>Prenatal Visits:</u>				
No prenatal visits,				
all births	597	14	222	361
# LBW births	85	4	30	51
% LBW births	14.2	28.6	13.5	14.1
1-4 prenatal visits,				
all births	1,186	24	409	753
# LBW births	132	3	50	79
% LBW births	11.1	12.5	12.2	10.5
5 or more visits,				
all births	7,243	114	2,420	4,709
# LBW births	478	4	172	302
% LBW births	6.6	3.5	7.1	6.4

¹ The Arizona Health Care Cost Containment System is the state's alternative to Medicaid.

² Indian Health Services.

TABLE 21

LIVE BIRTHS TO FEMALES 19 OR LESS YEARS OF AGE AS PERCENTAGE OF TOTAL LIVE BIRTHS BY AREA, ETHNIC GROUP AND YEAR, ARIZONA, 1980-1989

<u>GROUP</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>Percent Change 1980-89</u>
ARIZONA, TOTAL¹											
# births (all ages)	50,049	51,620	52,628	52,919	55,109	59,344	60,822	63,320	65,544	67,128	+34.1
# births to teens	8,311	8,237	8,228	7,809	7,623	8,026	8,376	8,775	9,043	9,375	+12.8
% births to teens	16.6	16.0	15.6	14.8	13.8	13.5	13.8	13.9	13.8	14.0	-15.7
URBAN COUNTIES²											
# births (all ages)	35,700	36,930	37,753	38,343	40,389	44,058	45,757	47,548	49,325	50,436	+41.3
# births to teens	5,751	5,545	5,581	5,395	5,322	5,699	6,010	6,229	6,467	6,737	+17.1
% births to teens	16.1	15.0	14.8	14.1	13.2	12.9	13.1	13.1	13.1	13.4	-16.8
RURAL COUNTIES											
# births (all ages)	14,349	14,690	14,875	14,576	14,720	15,286	15,065	15,772	16,219	16,692	+16.3
# births to teens	2,560	2,692	2,647	2,414	2,301	2,327	2,366	2,546	2,576	2,638	+3.0
% births to teens	17.8	18.3	17.8	16.6	15.6	15.2	15.7	16.1	15.9	15.8	-11.2
WHITE³											
# births (all ages)	31,597	32,495	33,419	33,664	35,183	37,972	38,044	39,616	39,821	39,484	+25.0
# births to teens	4,206	4,119	4,084	3,864	3,701	4,024	3,956	4,220	4,181	4,104	-2.4
% births to teens	13.3	12.7	12.2	11.5	10.5	10.6	10.4	10.7	10.5	10.4	-21.8
HISPANIC⁴											
# births (all ages)	11,495	11,896	11,630	11,477	12,067	13,062	14,044	14,402	15,952	17,663	+53.7
# births to teens	2,557	2,515	2,546	2,360	2,394	2,529	2,808	2,886	3,099	3,459	+35.3
% births to teens	22.2	21.1	21.9	20.6	19.8	19.4	20.0	20.0	19.4	19.6	-11.7
BLACK											
# births (all ages)	1,634	1,759	1,800	1,820	1,911	1,969	2,157	2,289	2,406	2,528	+54.7
# births to teens	445	467	443	473	448	432	481	517	552	593	+33.3
% births to teens	27.2	26.5	24.6	26.0	23.4	21.9	22.3	22.6	22.9	23.5	-13.6
NATIVE AMERICAN											
# births (all ages)	4,796	4,878	5,137	5,297	5,265	5,478	5,718	6,036	6,240	6,338	+32.2
# births to teens	1,077	1,114	1,125	1,080	1,041	1,005	1,086	1,098	1,144	1,137	+5.6
% births to teens	22.5	22.8	21.9	20.4	19.8	18.3	19.0	18.2	18.3	17.9	-20.4

¹ Includes records for ethnic groups other than white, Hispanic, Black or Native American.

² Maricopa and Pima Counties comprise Arizona's urban areas while the remaining counties represent rural areas.

³ Not of Hispanic origin.

⁴ White of Hispanic origin.

TABLE 22

**BIRTH RATES BY AGE GROUP FOR FEMALES 19 OR LESS YEARS OLD,
ARIZONA AND UNITED STATES,¹ SELECTED YEARS, 1950 - 1989**

Year	Under 15 Years		15-19 Years Old					
	AZ	U.S.	Total		15-17		18-19	
			AZ	U.S.	AZ	U.S.	AZ	U.S.
1950	0.9	1.0	111.4	81.6	NA ²	NA	NA	NA
1960	0.7	0.8	111.8	89.1	NA	NA	NA	NA
1970	0.8	1.2	78.6	68.3	43.5	38.8	134.3	114.7
1980	1.3	1.1	66.0	53.0	41.6	32.5	100.3	82.1
1981	1.1	1.1	66.9	52.7	39.4	32.1	106.4	81.7
1982	1.2	1.1	68.1	52.9	40.0	32.4	107.9	80.7
1983	1.1	1.1	65.7	51.7	39.0	32.0	102.9	78.1
1984	1.0	1.2	64.5	50.9	38.0	31.1	102.7	78.3
1985	0.9	1.2	67.0	51.3	37.6	31.1	112.2	80.8
1986	1.3	1.3	66.7	50.6	38.3	30.6	112.4	81.0
1987	1.2	1.3	69.1	51.1	41.6	31.8	113.3	80.2
1988	1.3	1.3	69.7	53.6	43.0	33.8	110.6	81.7
1989	1.2	NA	71.7	NA	42.4	NA	113.1	NA

¹ Source: National Center for Health Statistics: Vital Statistics of the United States, 1986. Vol.I-Natality, Hyattsville, Maryland, 1988.

² Not available.

TABLE 23

PERCENT OF THE TOTAL BIRTHS TO FEMALES 19 OR LESS YEARS OLD BY STATE
AND ARIZONA'S RANK AMONG THE STATES EXCEEDING THE NATIONWIDE
PERCENT OF BIRTHS TO TEENS IN 1986¹

Rank	State	Percent of total births to females 19 or less years old	Number of births:	
			Total, all ages	Females 19 or less years old
1	Mississippi	20.5	41,871	8,599
2.5	Alabama	17.4	59,465	10,362
2.5	Kentucky	17.4	51,794	9,033
4	West Virginia	17.1	23,236	3,979
6	District of Columbia	17.0	10,045	1,711
6	Georgia	17.0	98,183	16,708
6	Tennessee	17.0	66,249	11,265
7	Louisiana	16.8	77,955	13,120
8.5	Arkansas	16.6	39,393	6,547
8.5	South Carolina	16.6	51,800	8,595
10	North Carolina	15.9	90,254	14,354
11	Oklahoma	15.6	50,640	7,906
12	New Mexico	15.3	27,392	4,194
13	Texas	15.2	307,066	46,672
14	Indiana	14.0	79,322	11,122
15.5	Florida	13.8	167,601	23,081
15.5	A R I Z O N A	13.8	60,822	8,376
17	Missouri	13.4	75,259	10,119
18	Ohio	13.3	158,026	21,078
19	Delaware	13.2	9,718	1,280
	UNITED STATES ²	12.6	3,756,547	472,081

¹ The latest year for which age-specific birth data are available by state.
² In 1986 three states with the lowest percent of births to females 19 or less years old were: Minnesota (7.3%), North Dakota (8.0%) and Massachusetts (8.3%)
Source: percentages based on data published in Vital Statistics of the United States, 1986. Vol.I-NATALITY. National Center for Health Statistics, Hyattsville, Maryland, 1988.