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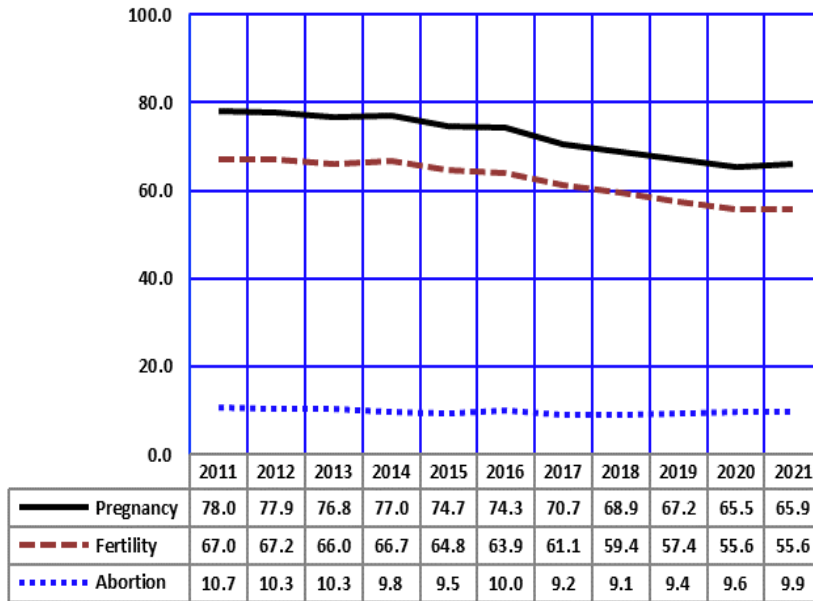
PREGNANCIES BY PREGNANCY OUTCOME, RACE/ETHNICITY, AND AGE GROUP

The expression “reproductive and perinatal health” refers to a variety of health and sociodemographic characteristics of women who became pregnant, factors related to the course of their pregnancies, and the status of pregnancy outcomes. In this report, pregnancies are measured as the sum of three components: **live births** (see Section 1B), **spontaneous terminations of pregnancy** (fetal deaths or stillbirths; Section 1C), and **abortions** (Section 1D).

There were 92,280 pregnancies in 2021 compared to 90,444 pregnancies in Arizona in 2020, 98,060 in 2016, and 99,266 in 2011. The number of resident live births increased by 1.4 percent, from 76,781 in 2020 to 77,857 (**Table 1A-1**). The number of reported abortions increased by 5.4 percent, from 13,186 in 2020 to 13,896 in 2021. The number of reportable spontaneous fetal losses increased 10.5 percent, from 477 in 2020 to 527 in 2021.

1A. PREGNANCIES BY PREGNANCY OUTCOME, ETHNICITY, AND AGE GROUP

Figure 1A-1
Pregnancy, Fertility, and Abortion Rates^a by Outcome and Year among Females of Childbearing Ages (15 – 44 years), Arizona, 2011-2021



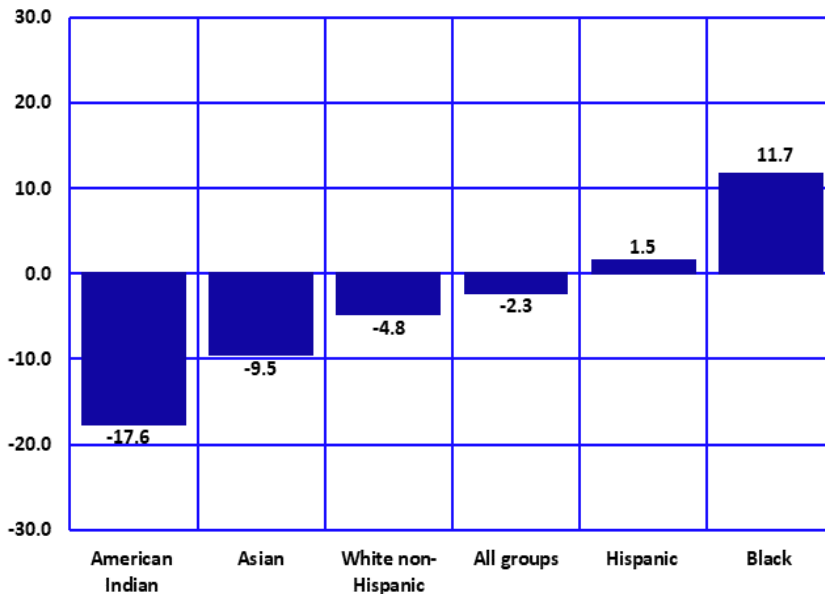
Note: ^a All rates per 1,000 females in specified age group.

A rate is a measure of the frequency of some event (such as pregnancy, or live birth) in relation to a unit of population during a specified time period such as a year; events in the numerator of the year occur to individuals in the denominator. The pregnancy rate slightly increased from 65.5 pregnancies per 1,000 females of childbearing age in 2020 to 65.9 pregnancies per 1,000 females of childbearing age in 2021 (**Figure 1A-1, Table 1A-1**).

The fertility rate (the number of births per 1,000 women of childbearing age) remained the same at 55.6 in 2020 and 2021. In 2021, the fertility rate was 17.0 percent lower than the high rate recorded in 2011.

The abortion rate (the number of abortions per 1,000 women of childbearing age) increased 3.1 percent, from 9.6 per 1,000 women of childbearing age in 2020 to 9.9 in 2021.

Figure 1A-2
Percent Change from 2017 to 2021 in the Number of Pregnancies by Woman's Race/Ethnicity, Arizona



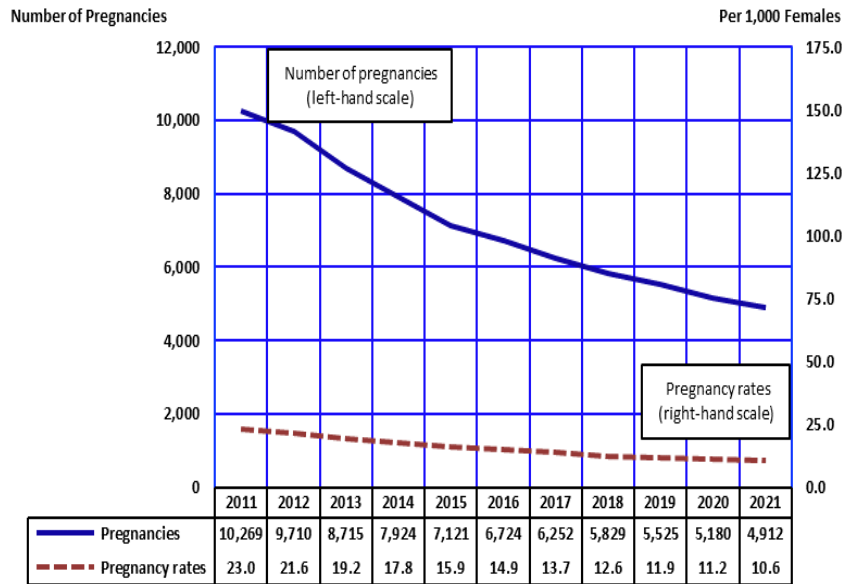
Overall, pregnancies in Arizona decreased 2.3 percent from 2017 to 2021. The changes in number of pregnancies varied by race/ethnicity. Between 2017 and 2021, while American Indian females (17.6 percent), Asian (9.5), and White non-Hispanic (4.8 percent), experienced a decrease in number of pregnancies, Black females (11.7 percent) and Hispanic (1.5) witnessed an increase in their pregnancy counts (**Figure 1A-2, Table 1A-1**).

1A. PREGNANCIES BY PREGNANCY OUTCOME, ETHNICITY, AND AGE GROUP

There is a difference between pregnancy rates and the absolute number of pregnancies. The teen pregnancy rate measures the proportion of teenagers becoming pregnant in a given year; in other words, the relative “risk for pregnancy” in a population “at risk.” The number of pregnancies is also determined by the size of the population “at risk:” or in this case, by the number of teenage females in the population.

The number of teen pregnancies decreased by 52.2 percent from 10,269 in 2011 to 4,912 in 2021 (Figure 1A-3). The teen pregnancy rate declined even more, by 53.9 percent, from 23.0 pregnancies per 1,000 females 10-19 years in 2011 to 10.6 per 1,000 females in 2021. The number of teenage pregnancies and the teen pregnancy rate of 2021 were the lowest recorded since at least 1980.

Figure 1A-3
Trends in the Number of Pregnancies and Pregnancy Rates^a among Females 19 or Younger, Arizona, 2011-2021

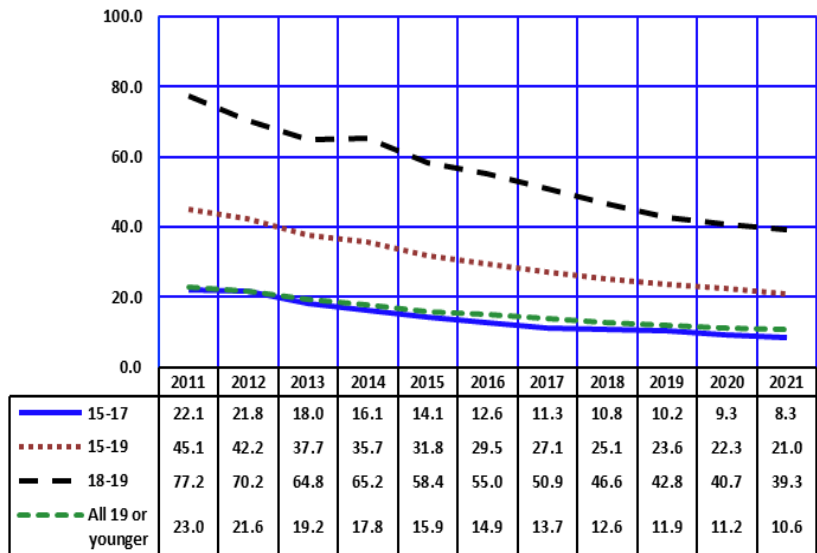


Note: ^a Pregnancy rate is the number of pregnancies per 1,000 females in specified age group.

The pregnancy rate for Arizona teenagers 15-19 years old in 2021 was 21.0 pregnancies per 1,000 females (Figure 1A-4, Table 5A-2), 5.8 percent lower than in 2020 and 53.4 percent lower than in 2011. The pregnancy rate for younger teenagers 15-17 years old declined by 62.4 percent (Table 1A-3) from 22.1/1,000 in 2011 to 8.3 /1,000 in 2021. The pregnancy rate for older teenagers 18-19 years old declined by 49.1 percent from 77.2/1,000 in 2011 to 39.3/1,000 in 2021 (Table 1A-4).

County-level information about teen pregnancies and pregnancy rates is provided in Table 5A-2, Table 5A-3, and Table 5A-5. Pregnancy statistics for Arizona are not available on a sub-county level.

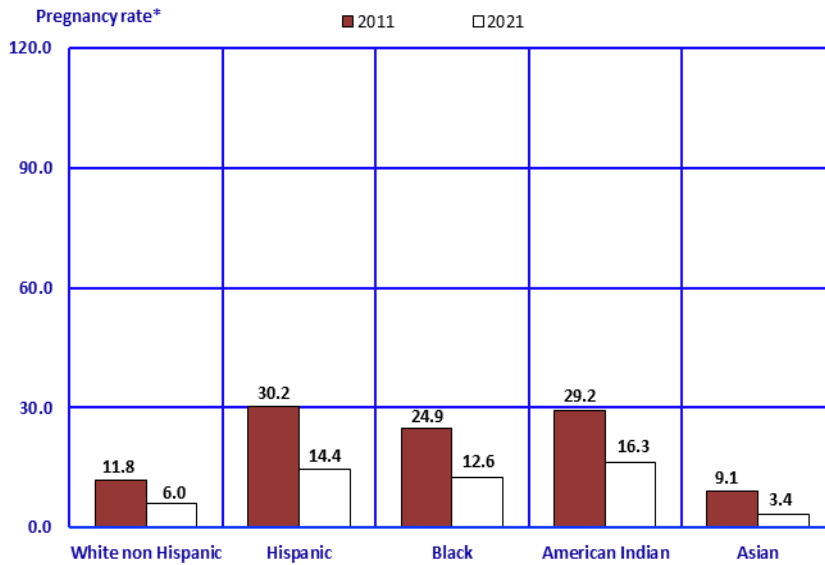
Figure 1A-4
Pregnancy Rates^a by Age Group and Year among Females 19 or Younger, Arizona, 2011-2021



Note: ^a All rates per 1,000 females in specified age group.

1A. PREGNANCIES BY PREGNANCY OUTCOME, ETHNICITY, AND AGE GROUP

Figure 1A-5
Comparison of Pregnancy Rates^a by Race/Ethnicity and Year among
Females 19 or Younger in Arizona, 2011 and 2021



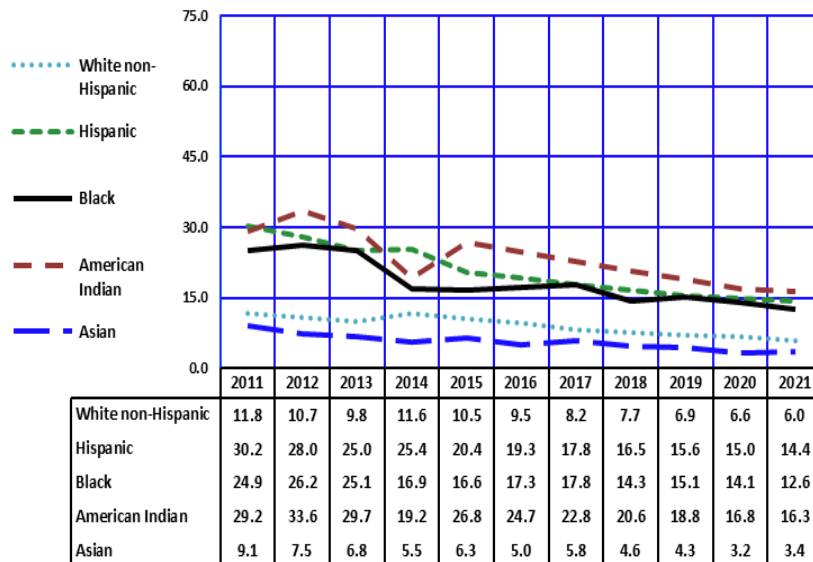
Teen pregnancy rates differ by race/ethnicity.

Between 2011 and 2021, pregnancy rates among females aged 19 and younger declined for all racial/ethnic groups (**Figure 1A-5**). The steepest decline in teenage pregnancy rates was recorded for Asian females, who experienced a 62.6 percent drop from 2011 to 2021. The Hispanic teenage pregnancy rate decreased greatly also, by 52.3 percent from 30.2 in 2011 to 14.4 in 2021.

The changes in annual teen pregnancy rates from 2011 to 2021 are shown in detail below.

Note: ^a All rates per 1,000 females in specified age group.

Figure 1A-6
Pregnancy Rates^a by Race/Ethnicity and Year among Females
19 or Younger, Arizona, 2011-2021



The teen pregnancy rates for all racial/ethnic groups were lower in 2021 than in 2011 (**Figure 1A-6**). Compared to 2011, the teen pregnancy rate declined substantially, by more than half when all racial/ethnic groups were combined.

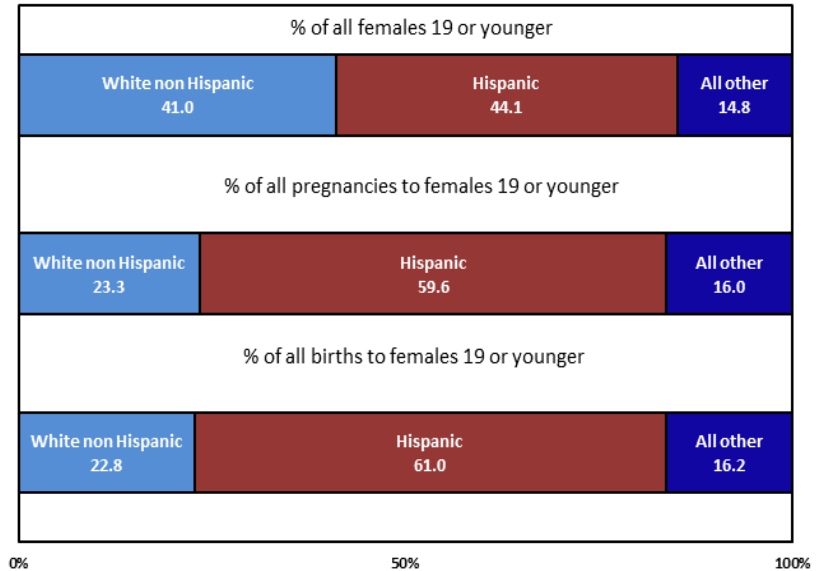
From 2020 to 2021, teenage pregnancy rates decreased for all race/ethnic groups except for Asians, which increased (6.2 percent). The decline was greater among Black females (10.6 percent), White non-Hispanic (9.1 percent), Hispanic (4.0 percent), and American Indian (3.0 percent).

Note: ^a All rates per 1,000 females in specified age group.

1A. PREGNANCIES BY PREGNANCY OUTCOME, ETHNICITY, AND AGE GROUP

Figure 1A-7
Proportional Contribution by Race/Ethnicity to Pregnancies and Live Births among Females 19 or Younger, Arizona, 2021

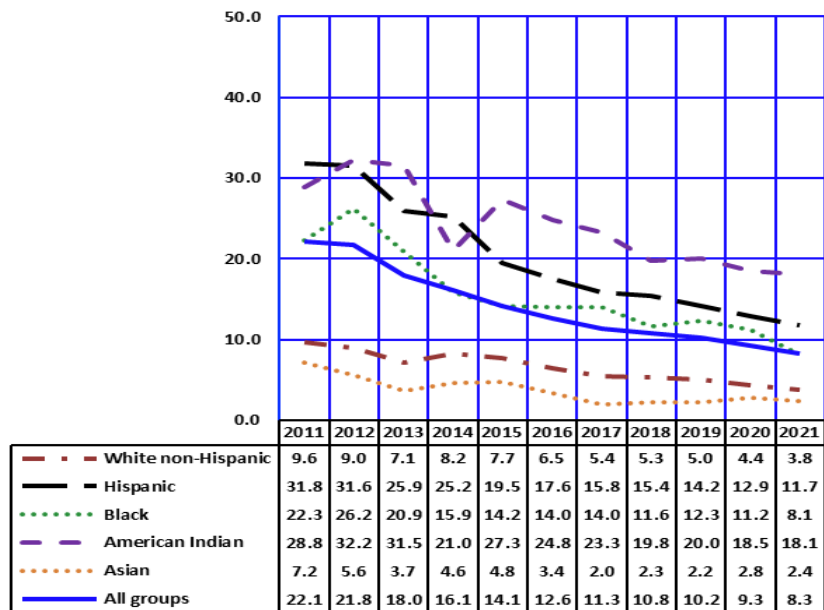
In 2021, Hispanic females accounted for approximately 44.1 percent of all females 10-19 years old in Arizona. As in the past, they accounted for a large percentage of teen pregnancies (59.6 percent) and live births (61.0 percent; **Figure 1A-7**). In contrast, White non-Hispanic females made up 41.0 percent of all females 10-19 years old in Arizona, but had a lower proportional contribution to teen pregnancies (23.3 percent) and live births (22.8 percent). Note: percentages are based on the number of pregnancies and births in **Table 1A-5**.



0% 50% 100%

Figure 1A-8
Pregnancy Rates^a by Race/Ethnicity and Year among Females 15-17 Years: 2011-2021

The 2021 pregnancy rate among females 15-17 was the highest in American Indian females at 18.1 pregnancies per 1,000 females in the specified age group. The pregnancy rate among females 15-17 years in 2021 were also lower than in 2020 for all race/ethnicity categories. This similarly follows a trend of a significant decline seen since 2011 in **(Figure 1A-8)**.



Note: ^a All rates per 1,000 females in specified age group.