

PURPOSE

This report is the 2000 update of information about pregnancies among females under age 20. The data for 2000 are placed in a temporal context by comparison with the data for 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 abortions to Arizona resident women, unless otherwise specified. It does not include 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. Pregnancy statistics for Arizona are not available on a sub-county level.

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 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 (DES) (data for 1993-1999) or census enumerations from the U.S. Census Bureau (data for 1980, 1990 and 2000).

Detailed population data by gender, age group and county were unavailable for 1991-1992. In order to obtain the population denominators for these two years, the 1990 percentages of population breakdowns were applied to 1991 and 1992 total state population estimates published by the DES.

DATA ORGANIZATION

Tables 1-9 present annual numbers and rates of pregnancy, fertility and abortion by year from 1990 to 2000, age group and ethnicity for Arizona adolescents. Temporal trends and changes may be assessed from these 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 ethnic group in Arizona from 1990 to 2000. Table 24 compares birth rates in Arizona and United States.

The annual numbers of repeat pregnancies among teenage mothers are shown by age and year from 1990 to 2000 in Table 25. The estimated number of mothers who were under the age of 20 in Arizona in 2000 is given in Table 26. The 2000 population denominators for Arizona resident females by age group and county of residence, as well as by age group and ethnicity are presented in Table 27 and Table 28.

The numbers and rates of Arizona's teen births and pregnancies for 1997-1999 were revised in May 2001. The revised numbers and rates are presented in the Appendix. A detailed re-examination also is available online at:

<http://www.hs.state.az.us/plan/2ktbap.htm>

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.