

TABLE 1B-1
BIRTH RATE¹, GENERAL FERTILITY RATE², TOTAL FERTILITY RATE³,
GROSS REPRODUCTION RATE AND AGE-SPECIFIC BIRTH RATES⁴ BY YEAR,
ARIZONA AND UNITED STATES, 1999-2009

| Year | Area | Birth rate | General fertility rate | Total fertility rate ⁵ | Gross reproduction rate | Age specific birth rates: | | | | | | | |
|------|------|------------|------------------------|-----------------------------------|-------------------------|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|
| | | | | | | Under 15 years | 15-19 years | 20-24 years | 25-29 years | 30-34 years | 35-39 years | 40-44 years | 45 years and over |
| 1999 | AZ | 16.0 | 75.1 | 2,326 | 1,135 | 1.4 | 72.9 | 134.7 | 122.8 | 87.3 | 37.9 | 7.8 | 0.4 |
| | U.S. | 14.5 | 65.8 | 2,075 | 980 | 0.9 | 49.6 | 111.0 | 117.8 | 89.6 | 38.3 | 7.4 | 0.4 |
| 2000 | AZ | 16.6 | 78.4 | 2,395 | 1,176 | 1.2 | 67.6 | 139.1 | 129.2 | 92.4 | 40.5 | 8.4 | 0.5 |
| | U.S. | 14.7 | 65.7 | 2,130 | 1,004 | 0.9 | 48.5 | 112.3 | 121.4 | 94.1 | 40.4 | 7.9 | 0.5 |
| 2001 | AZ | 16.1 | 75.9 | 2,300 | 1,150 | 1.0 | 63.3 | 136.2 | 123.4 | 88.5 | 38.7 | 8.5 | 0.5 |
| | U.S. | 14.1 | 65.3 | 2,034 | 994 | 0.8 | 45.9 | 106.2 | 113.4 | 91.9 | 40.6 | 8.1 | 0.5 |
| 2002 | AZ | 16.0 | 75.5 | 2,309 | 1,124 | 1.1 | 59.7 | 136.8 | 122.9 | 93.8 | 38.6 | 8.3 | 0.5 |
| | U.S. | 13.9 | 64.8 | 2,012 | 983 | 0.7 | 42.9 | 103.5 | 113.6 | 91.6 | 41.4 | 8.3 | 0.5 |
| 2003 | AZ | 16.1 | 76.3 | 2,330 | 1,141 | 1.0 | 59.2 | 135.7 | 126.2 | 95.6 | 39.0 | 8.6 | 0.6 |
| | U.S. | 14.1 | 66.1 | 2,043 | NA | 0.6 | 41.7 | 102.6 | 115.7 | 95.2 | 43.8 | 8.7 | 0.5 |
| 2004 | AZ | 16.0 | 75.7 | 2,309 | 1,127 | 0.9 | 58.2 | 131.4 | 125.7 | 95.7 | 40.0 | 9.2 | 0.6 |
| | U.S. | 14.0 | 66.4 | 2,049 | NA | 0.7 | 41.2 | 101.8 | 115.5 | 95.5 | 45.4 | 9.0 | 0.6 |
| 2005 | AZ | 15.8 | 74.7 | 2,278 | 1,111 | 0.9 | 56.5 | 129.8 | 125.3 | 94.5 | 39.3 | 8.6 | 0.6 |
| | U.S. | 14.0 | 66.7 | 2,054 | NA | 0.7 | 40.4 | 102.2 | 115.6 | 95.9 | 46.3 | 9.1 | 0.6 |
| 2006 | AZ | 16.4 | 80.0 | 2,392 | 1,167 | 0.8 | 59.6 | 131.8 | 132.5 | 95.6 | 48.5 | 9.3 | 0.3 |
| | U.S. | 14.2 | 68.5 | 2,101 | NA | 0.6 | 41.9 | 105.9 | 116.8 | 97.7 | 47.3 | 9.4 | 0.6 |
| 2007 | AZ | 16.0 | 78.9 | 2,364 | 1,154 | 0.8 | 59.5 | 132.2 | 124.7 | 98.6 | 46.8 | 9.5 | 0.7 |
| | U.S. | 14.3 | 68.8 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2008 | AZ | 15.2 | 74.8 | 2,236 | 1,093 | 0.7 | 54.9 | 122.2 | 119.5 | 94.2 | 46.2 | 9.0 | 0.6 |
| | U.S. | 14.2 | 68.3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2009 | AZ | 14.0 | 68.9 | 2,058 | 1,006 | 0.6 | 49.1 | 110.4 | 110.7 | 88.6 | 42.5 | 8.9 | 0.8 |
| | U.S. | 14.1 | 69.1 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

¹The number of births per 1,000 population.

²The number of births per 1,000 women of childbearing age (15-44 years old).

³The sum of age group specific birth rates multiplied by the number of years in the age group (five years in this case). In Table 1B-1 rate of 2,395 in 2000 for example, means that if a hypothetical group of 1,000 women were to have the same birth rates in each age group that were observed in the actual childbearing population in 2000, they would have a total of 2,326 children by the time they reached the end of the reproductive period (taken here as age 50), assuming that all of the women survived to that age.

⁴The sums of birth rates by 5-year age groups multiplied by the proportion of births that were female. The gross reproduction rate represents the average number of daughters born to a hypothetical cohort of 1,000 women if they experienced the age-specific birth rates observed in a given year throughout their childbearing years, and if none of the cohort was to die during her childbearing years. See Table 1B-2 for the annual proportions of births that were female in 1998-2008.

⁵The number of births per 1,000 women in specified age group. For females under 15, the rate is calculated using the female population 10-14 years of age. For women over 44, the rate is calculated using the female population 45-49 years of age.

Note: The rates for 1999 were revised using the population denominators that are consistent with the 2000 census.