

TABLE 1B-1
BIRTH RATE^a, GENERAL FERTILITY RATE^b, TOTAL FERTILITY RATE^c,
GROSS REPRODUCTION RATE, AND AGE-SPECIFIC BIRTH RATES^d BY YEAR,
ARIZONA AND UNITED STATES, 2002-2012

Year	Area	Birth rate	General fertility rate	Total fertility rate ^e	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
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	2,013	983	0.7	43.0	103.6	113.6	91.5	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	41.6	102.6	115.6	95.1	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	2,046	NA	0.7	41.1	101.7	115.5	95.3	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	40.5	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	69.5	2,122	NA	0.6	42.5	106.3	117.5	99.9	47.5	9.5	0.6
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.	14.0	68.6	2,084	NA	0.6	41.5	103.0	115.1	99.3	46.9	9.8	0.7
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.	13.5	66.7	2,007	NA	0.5	39.1	96.3	110.5	97.7	46.5	10.1	0.7
2010	AZ	13.6	68.9	2,058	1,011	0.5	41.6	104.3	116.1	94.4	44.4	9.7	0.7
	U.S.	13.0	64.1	1,931	NA	0.4	34.2	90.0	108.3	96.5	45.9	10.2	0.7
2011	AZ	13.2	67.0	2,001	976	0.5	36.9	101.4	112.3	94.0	44.2	10.3	0.2
	U.S.	12.7	63.2	1,894	NA	0.4	31.3	85.3	107.2	96.5	47.2	10.3	0.7
2012	AZ	13.2	67.2	2,018	984	0.3	35.4	100.1	116.4	94.6	45.9	10.3	0.6
	U.S.	12.6	63.0	NA	NA	0.4	29.4	83.1	106.5	97.3	48.3	10.4	0.7

Notes: ^a The number of births per 1,000 population.

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

^c The total fertility rate (TFR) is the sum of age group specific birth rates multiplied by the number of years in the age group (five years in this case) and can be interpreted as the average number of children a group of 50 women are expected to have between the ages of 15 and 50 if they were to survive until age 50. At the individual level, the 2011 TFR of 2,001 indicates that a woman can expect to have around 2 children between the ages of 15 and 50, assuming they experience the same age-specific birth rates as were observed in 2011.

^d The 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 2000-2010.

^e The 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.