

TABLE 1B-5
ALL LIVE BIRTHS AND LOW-BIRTHWEIGHT (LBW) BIRTHS ACCORDING TO SELECTED
MATERNAL, PRENATAL CARE AND DELIVERY CHARACTERISTICS, BIRTHWEIGHT, PLURALITY,
CHILD'S SEX, BIRTH ORDER AND BIRTH COMPLICATIONS, ARIZONA, 1998-2008
(RURAL REGIONS)*

Characteristic		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Number of births		12,115	11,877	12,333	11,851	12,498	12,848	13,409	13,603	14,083	14,413	13,952
Age of mother	≤19 years	17.0	17.4	16.9	15.9	15.7	15.7	15.5	15.5	14.9	15.8	15.4
	≥30 years	28.7	27.3	27.6	27.7	27.4	27.9	27.3	27.9	26.6	26.2	26.8
Marital status	Unmarried	42.9	42.9	44.2	43.3	44.5	46.0	46.8	48.4	49.2	49.4	51.1
Mother's education	<9 years	5.2	5.3	5.2	5.1	5.2	5.2	5.6	5.4	4.9	4.5	4.0
Mother's race/ethnicity	White ¹	48.0	48.0	47.5	47.9	46.5	45.8	45.7	45.0	46.5	46.6	46.7
	Hispanic	22.5	22.7	23.9	24.3	24.4	25.5	26.1	26.3	26.7	26.6	25.7
	Black	1.1	1.1	1.0	1.2	1.1	1.2	1.1	1.0	1.1	1.1	1.3
	American Indian	26.7	25.4	25.7	24.6	24.3	25.0	25.2	25.4	23.5	23.2	24.4
	Other	1.7	2.9	1.9	2.0	3.7	2.6	1.9	2.2	2.2	2.6	2.0
Prenatal care began	1st Trimester	66.7	70.8	72.2	71.9	70.8	70.0	71.4	73.9	73.5	73.7	72.7
	3rd Trimester	7.0	5.7	5.4	5.0	5.1	4.9	4.8	4.7	4.9	4.8	5.2
	No care	2.0	1.9	1.7	1.6	1.7	1.7	2.1	2.1	1.9	1.9	1.9
Prenatal visits	1-4	7.4	7.0	7.3	6.8	7.2	6.8	6.5	6.1	6.2	6.0	6.8
	≥5	88.6	88.7	88.0	89.2	88.5	88.0	90.1	91.5	91.7	91.9	91.1
	≥9	66.3	67.0	66.5	67.1	66.0	66.6	68.9	72.4	71.1	71.4	69.7
	≥13	25.1	25.6	24.4	24.5	25.2	25.5	26.7	28.0	27.6	27.9	28.8
Medical risks/complications²		49.9	48.7	47.0	52.1	54.7	56.3	56.6	58.3	53.5	50.7	48.2
Gestational age³	Preterm (<37 weeks)	9.2	9.2	9.3	9.3	9.4	10.0	10.9	10.0	10.0	10.0	9.7
Birth weight	<2,500 grams	7.3	7.4	7.0	7.2	6.8	7.3	7.7	7.4	7.7	7.5	7.5
	<1,500 grams	1.0	1.1	1.2	1.0	0.9	0.8	1.2	1.1	1.2	1.1	1.1
Child's sex	Male	51.1	50.4	51.6	51.1	51.1	50.6	51.5	51.7	51.0	50.0	51.3
	Female	48.9	49.6	48.4	48.9	48.9	49.4	48.5	48.3	49.0	50.0	48.7
Plurality	Multiple births	2.5	2.5	2.0	1.8	2.4	2.3	2.0	2.3	2.4	2.2	2.4
Caesarean delivery		17.2	18.1	17.9	19.3	20.6	21.4	22.9	23.1	25.8	25.3	26.0
Place of delivery	Hospital ⁴	98.0	98.7	98.6	97.9	97.5	97.2	96.8	96.9	97.2	97.3	97.1
Attendant at birth	Midwife ⁵	15.4	15.0	14.7	13.5	12.2	12.4	12.6	12.9	12.4	12.5	12.7
Previous live births	1 or more	63.5	64.0	64.0	65.6	65.0	64.3	64.4	64.1	64.3	64.5	64.4
Number of LBW births		889	883	863	857	844	940	1,030	1,003	1,080	1,080	1,052
Age of mother	≤19 years	15.6	17.7	18.7	16.6	16.2	17.8	17.8	17.5	16.0	17.2	16.4
	≥30 years	30.6	29.5	30.2	29.9	29.7	33.9	27.6	31.5	28.8	28.1	29.4
Marital status	Unmarried	47.8	46.2	51.5	43.5	48.3	50.3	52.1	54.0	54.9	53.1	55.2
Mother's education	<9 years	6.6	5.5	4.2	5.5	5.8	6.4	6.2	5.4	5.4	4.8	3.9
Mother's race/ethnicity	White ¹	51.3	47.0	46.6	48.8	47.5	45.6	43.8	44.8	43.5	48.0	47.6
	Hispanic	21.7	22.3	22.7	22.6	22.6	26.0	28.2	24.7	29.5	25.8	24.9
	Black	1.5	2.4	1.8	2.8	1.7	2.0	1.7	1.8	1.8	1.8	2.6
	American Indian	24.1	25.9	26.5	24.5	24.3	23.8	24.5	26.2	21.9	21.4	22.7
	Other	1.5	2.5	2.3	1.3	3.9	2.6	1.9	2.5	3.3	3.1	2.2
Prenatal care began	1st Trimester	65.1	68.5	68.1	71.6	71.0	68.7	72.5	74.1	72.0	76.0	75.7
	3rd Trimester	5.1	6.0	5.9	3.3	3.8	3.9	2.4	4.7	4.3	4.2	4.1
	No care	4.3	3.2	4.0	2.9	2.8	3.8	3.5	4.4	5.2	4.5	3.5
Prenatal visits	1-4	11.2	9.6	12.1	9.7	10.0	10.0	10.6	9.9	9.4	9.4	10.2
	≥5	79.2	80.0	74.7	83.3	82.8	81.6	83.7	85.0	84.9	85.9	85.8
	≥9	53.9	55.6	50.7	54.6	53.8	55.3	55.9	57.3	56.8	58.1	59.0
	≥13	18.8	22.7	16.8	20.4	23.3	23.6	20.1	22.1	19.3	22.0	24.9
Medical risks/complications²		73.1	75.7	69.7	73.0	73.6	71.1	69.3	75.3	69.2	65.1	63.9
Gestational age³	Preterm (<37 weeks)	63.7	65.6	65.5	67.6	65.6	65.0	69.5	66.1	68.0	68.9	65.9
Birth weight	<1,500 grams	13.6	14.4	17.6	13.4	12.8	14.7	15.2	14.8	15.7	15.3	14.5
	<1,000 grams	5.7	6.6	7.8	5.4	6.8	6.5	6.7	7.1	6.2	7.1	5.7
Child's sex	Male	48.9	48.6	53.5	46.3	46.7	49.8	49.2	48.5	49.8	46.1	49.1
	Female	51.1	51.2	46.5	53.7	53.3	50.1	50.8	51.5	50.2	53.9	50.8
Plurality	Multiple births	20.6	19.7	16.5	15.6	18.2	17.8	15.0	17.8	18.2	15.9	19.8
Caesarean delivery		36.1	36.5	35.2	35.6	33.3	38.2	39.0	38.6	41.6	39.2	42.7
Place of delivery	Hospital ⁴	98.7	99.7	99.2	99.2	98.9	99.1	99.1	98.8	99.4	99.3	99.1
Attendant at birth	Midwife ⁵	6.2	6.4	5.0	7.6	6.4	6.2	6.5	6.1	5.3	5.6	5.1
Previous live births	1 or more	63.2	60.4	61.0	59.3	62.1	59.3	56.6	59.5	63.1	62.2	64.6

* Rural = Apache, Cochise, Coconino, Gila, Graham, Greenlee, La Paz, Mohave, Navajo, Santa Cruz and Yavapai counties. The remaining counties comprise Arizona's urban areas. See Technical Notes for more information.

¹Non-Hispanic.

²Reported medical risks for this pregnancy and/or complications of labor and delivery.

³Physician's estimate.

⁴Hospital, clinic, medical center or maternity home.

⁵Licensed Midwife or Certified Nurse Midwife.