

TABLE 1B-33  
SELECTED CHARACTERISTICS OF BIRTHS BY BIRTHWEIGHT AND GESTATIONAL AGE, ARIZONA, 2003

	TOTAL	Weight at Birth			Length of Gestation					Un- known
		< 2,500 grams	2,500+ grams	Un- known	< 37 weeks	37 weeks	38-42 weeks	43+ weeks		
<b>TOTAL</b>	90,783	6,427	84,216	140	9,538	8,180	72,731	38	296	
<b>Mother's age group</b>										
<15	211	30	181	0	36	25	146	1	3	
15-17	4,110	331	3,777	2	436	358	3,300	1	15	
18-19	7,379	598	6,769	12	823	628	5,900	3	25	
20-24	25,590	1,675	23,868	47	2,421	2,282	20,790	15	82	
25-29	24,786	1,560	23,188	38	2,396	2,166	20,137	10	77	
30-34	18,556	1,286	17,252	18	2,020	1,737	14,732	4	63	
35-39	8,264	713	7,534	17	1,087	784	6,366	4	23	
40-44	1,772	210	1,556	6	284	190	1,292	0	6	
45+	110	23	87	0	34	10	64	0	2	
Unknown	5	1	4	0	1	0	4	0	0	
<b>Payee for birth</b>										
AHCCCS	45,833	3,402	42,413	18	4,803	4,113	36,824	28	65	
IHS	1,587	84	1,503	0	112	133	1,334	4	4	
Private insurance	39,736	2,638	37,081	17	4,186	3,670	31,835	4	41	
Self	1,916	142	1,770	4	215	129	1,562	2	8	
Unknown	1,711	161	1,449	101	222	135	1,176	0	178	
<b>Mother's education</b>										
< 8	5,676	368	5,302	6	572	469	4,615	7	13	
8	2,851	244	2,597	10	321	273	2,247	2	8	
9-11	18,816	1,436	17,339	41	1,975	1,715	15,062	9	55	
12	26,017	1,898	24,062	57	2,800	2,353	20,761	12	91	
13-16	28,813	1,880	26,915	18	2,988	2,630	23,101	7	87	
17+	6,994	444	6,548	2	705	596	5,678	0	15	
Unknown	1,616	157	1,453	6	177	144	1,267	1	27	
<b>Marital status</b>										
Married	52,564	3,388	49,076	100	5,394	4,739	42,245	13	173	
Unmarried	37,394	2,939	34,416	39	4,014	3,361	29,908	25	86	
Other/Unknown *	825	100	724	1	130	80	578	0	37	
<b>Weight gain</b>										
None	1,806	147	1,649	10	175	151	1,392	0	88	
1-15 pounds	7,630	843	6,764	23	1,105	801	5,708	6	10	
16-20 pounds	8,493	711	7,765	17	1,013	835	6,636	2	7	
21-24 pounds	5,161	409	4,743	9	569	516	4,070	0	6	
25-30 pounds	21,502	1,231	20,245	26	1,923	1,924	17,624	10	21	
31+ pounds	32,969	1,815	31,108	46	2,930	2,843	27,152	15	29	
Unknown	13,222	1,271	11,942	9	1,823	1,110	10,149	5	135	
<b>Substance use</b>										
Drinker, nonsmoker	505	37	468	0	77	37	390	0	1	
Smoker, nondrinker	4,935	571	4,359	5	682	541	3,702	1	9	
Smoker and drinker	287	43	244	0	46	41	199	0	1	
Nonsmoker and nondrinker	85,056	5,776	79,145	135	8,733	7,561	68,440	37	285	
<b>Prenatal care</b>										
No care	2,621	330	2,283	8	515	242	1,837	7	20	
1st trimester	68,632	4,745	63,795	92	7,165	6,214	55,080	14	159	
2nd trimester	14,342	1,002	13,310	30	1,352	1,254	11,690	11	35	
3rd trimester	3,920	226	3,694	0	345	344	3,218	3	10	
Unknown	1,268	124	1,134	10	161	126	906	3	72	
<b>Prenatal visits</b>										
No visits	2,621	330	2,283	8	515	242	1,837	7	20	
1-4 visits	3,893	514	3,372	7	723	372	2,783	2	13	
5-8 visits	14,107	1,556	12,521	30	2,236	1,402	10,431	6	32	
9-12 visits	40,728	2,072	38,593	63	3,189	3,736	33,720	14	69	
13+ visits	27,024	1,700	25,303	21	2,524	2,209	22,223	6	62	
Unknown	2,410	255	2,144	11	351	219	1,737	3	100	

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	TOTAL	Weight at Birth			Length of Gestation				
		<2,500 grams	2,500+ grams	Un-known	<37 weeks	37 weeks	38-42 weeks	43+ weeks	Un-known
<b>Newborn intensive care</b>									
Yes	4,882	2,461	2,403	18	2,985	371	1,506	1	19
No	85,632	3,946	81,656	30	6,520	7,786	71,048	37	241
Unknown	269	20	157	92	33	23	177	0	36
<b>Obstetric procedures</b>									
Amniocentesis	790	77	713	0	166	105	519	0	0
Electro. Fetal Monit.	73,702	5,281	68,353	68	7,791	6,745	59,046	34	86
Induction of labor	15,409	746	14,651	12	1,001	1,073	13,308	11	16
Stimulation of labor	10,745	705	10,025	15	1,133	1,086	8,512	4	10
Tocolysis	1,810	322	1,483	5	404	168	1,234	1	3
Ultrasound	64,914	4,658	60,134	122	6,835	5,921	52,067	22	69
Other	12,581	925	11,652	4	1,402	1,241	9,895	2	41
<b>Method of delivery</b>									
Vaginal	69,565	3,743	65,711	111	5,928	6,088	57,360	30	159
Vaginal after C-Section	723	35	681	7	67	61	578	2	15
Primary C-Section	11,895	2,007	9,872	16	2,484	1,118	8,177	4	112
Repeat C-Section	8,600	642	7,952	6	1,059	913	6,616	2	10
Forceps	731	27	703	1	36	55	638	0	2
Vacuum	2,925	85	2,839	1	161	210	2,539	1	14
<b>Births with medical risk factors</b>	25,786	2,804	22,925	57	4,039	2,768	18,852	9	118
<b>Medical risk factors</b>									
Anemia	1,837	104	1,728	5	175	172	1,488	1	1
Cardiac disease	111	7	103	1	12	13	86	0	0
Lung disease	201	11	190	0	25	21	154	0	1
Diabetes	1,941	151	1,788	2	379	283	1,279	0	0
Genital herpes	555	29	526	0	51	61	443	0	0
Hydramnios	519	123	395	1	145	69	305	0	0
Hemoglobinopathy	5	1	4	0	2	0	3	0	0
Chronic hypertension	279	52	226	1	69	57	153	0	0
Pregnancy associated hypertension	2,546	489	2,052	5	647	400	1,497	0	2
Eclampsia	450	146	304	0	199	65	184	0	2
Previous infant 4000+g	351	8	340	3	21	22	307	0	1
Previous SGA infant	559	101	450	8	185	80	294	0	0
Renal disease	68	11	54	3	12	5	50	0	1
RH sensitization	657	40	617	0	64	62	530	0	1
Uterine bleeding	338	41	295	2	71	39	227	1	0
Incompetent cervix	89	29	60	0	36	9	44	0	0
Other	19,471	2,061	17,365	45	2,910	1,925	14,517	8	111
<b>Total</b>	6,788	1,795	4,968	25	2,170	568	4,007	4	39
<b>Abnormal conditions of the newborn</b>									
Anemia	45	2	43	0	6	2	37	0	0
Birth injury	59	1	58	0	3	5	51	0	0
Fetal Alcohol Syndrome	0	0	0	0	0	0	0	0	0
Membrane disease	297	172	124	1	203	25	69	0	0
Meconium aspiration	78	6	69	3	8	3	67	0	0
Assisted vent <30 min	1,731	170	1,561	0	266	151	1,311	1	2
Assisted vent >30 min	633	190	432	11	245	69	316	0	3
Seizures	199	16	183	0	19	22	157	0	1
Other	5,789	1,656	4,116	17	1,956	477	3,316	4	36

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<b>Births with congenital anomalies</b>											
<b>Congenital anomalies</b>											
Total	940	151	787	2	172	107	656	1	4		
Anencephalus	14	9	5	0	5	3	6	0	0		
Spina Bifida/meningocele	12	2	10	0	4	2	6	0	0		
Hydrocephalus	5	1	4	0	2	1	2	0	0		
Microcephalus	2	0	2	0	1	0	1	0	0		
Other CNS Anomaly	0	0	0	0	0	0	0	0	0		
Heart Malformations	34	8	26	0	8	6	20	0	0		
Other Resp./Circulatory anomalies	139	33	106	0	37	10	92	0	0		
Rectal Atresia/Stenosis	2	1	1	0	2	0	0	0	0		
Tracheo-esophageal fistula/atresia	4	2	2	0	0	2	2	0	0		
Omphalocele/gastroschisis	22	9	13	0	6	5	11	0	0		
Other Gastrointestinal anomalies	0	0	0	0	0	0	0	0	0		
Malformed Genitalia	12	4	8	0	4	2	6	0	0		
Renal Agenesis	4	3	1	0	2	0	2	0	0		
Other Urogenital anomalies	36	3	33	0	5	5	25	0	1		
Cleft Lip/Palate	66	13	52	1	9	10	46	0	1		
Polydactyly/syndactyly/adatly	15	2	13	0	1	2	12	0	0		
Club Foot	31	5	26	0	5	3	23	0	0		
Diaphragmatic Hernia	10	4	6	0	3	2	5	0	0		
Other Musculoskeletal/ integumental anomalies	15	3	12	0	4	2	9	0	0		
Down's Syndrome	45	6	39	0	5	6	34	0	0		
Other Chromosomal	18	7	11	0	7	1	10	0	0		
Other	541	67	473	1	92	57	389	1	2		
<b>Births with complications</b>	25,188	2,832	22,301	55	3,793	2,083	19,165	14	133		
<b>Complications of labor and/or delivery</b>											
Febrile	795	29	765	1	58	43	691	1	2		
Meconium	3,007	116	2,882	9	122	133	2,738	4	10		
Rupture of membrane	1,360	465	888	7	661	108	591	0	0		
Abruption placenta	343	144	197	2	193	41	108	0	1		
Placenta previa	262	70	192	0	124	32	105	0	1		
Other bleeding	292	27	263	2	47	21	224	0	0		
Seizures	12	2	10	0	3	2	7	0	0		
Precipitous labor	768	63	698	7	94	87	585	0	2		
Prolonged labor	558	19	539	0	32	48	476	0	2		
Dysfunctional labor	731	22	707	2	35	66	626	1	3		
Breech malpresentation	2,827	732	2,086	9	871	337	1,615	0	4		
Cephalopelvic disp.	647	12	634	1	29	39	578	1	0		
Cord prolapse	131	22	109	0	25	15	91	0	0		
Anesthetic complications	75	5	70	0	10	6	59	0	0		
Fetal distress	2,072	237	1,827	8	278	169	1,623	0	2		
Other	15,844	1,533	14,285	26	2,050	1,285	12,385	9	115		

\* "Refused", "Yes, divorced", "Unknown".