

**TABLE 1B-33  
SELECTED CHARACTERISTICS OF BIRTHS BY BIRTHWEIGHT AND GESTATIONAL AGE, ARIZONA, 2002**

	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>TOTAL</b>	87,379	5,926	81,411	42	8,775	7,421	70,921	31	231
<b>Mother's age group</b>									
< 15	206	16	190	0	27	19	159	0	1
15-17	3,952	324	3,627	1	435	295	3,208	4	10
18-19	7,316	544	6,769	3	686	611	6,000	2	17
20-24	25,072	1,641	23,421	10	2,378	2,099	20,511	5	79
25-29	23,424	1,370	22,048	6	2,190	2,039	19,129	9	57
30-34	17,707	1,186	16,509	12	1,829	1,520	14,304	6	48
35-39	7,951	663	7,281	7	952	687	6,299	4	9
40-44	1,649	164	1,483	2	259	137	1,245	1	7
45+	94	18	76	0	19	14	59	0	2
Unknown	8	0	7	1	0	0	7	0	1
<b>Payee for birth</b>									
AHCCCS	42,675	3,054	39,597	24	4,291	3,525	34,777	21	61
IHS	1,312	72	1,239	1	110	100	1,098	1	3
Private insurance	39,950	2,533	37,407	10	4,011	3,552	32,350	7	30
Self	1,989	152	1,836	1	216	146	1,611	2	14
Unknown	1,453	115	1,332	6	147	98	1,085	0	123
<b>Mother's education</b>									
< 8	5,345	324	5,015	6	509	410	4,409	2	15
8	2,574	196	2,376	2	263	227	2,070	3	11
9-11	17,928	1,312	16,609	7	1,824	1,522	14,520	11	51
12	25,683	1,805	23,864	14	2,619	2,216	20,769	6	73
13-16	27,658	1,755	25,896	7	2,798	2,404	22,400	7	49
17+	6,334	388	5,946	0	574	510	5,235	2	13
Unknown	1,857	146	1,705	6	188	132	1,518	0	19
<b>Marital status</b>									
Married	51,432	3,151	48,262	19	4,972	4,374	41,937	11	138
Unmarried	35,116	2,685	32,410	21	3,672	2,960	28,378	19	87
Other/Unknown*	831	90	739	2	131	87	606	1	6
<b>Weight gain</b>									
None	1,352	132	1,219	1	181	131	936	0	104
1-15 pounds	8,234	870	7,357	7	1,101	799	6,318	3	13
16-20 pounds	7,303	595	6,706	2	852	678	5,762	1	10
21-24 pounds	5,191	367	4,820	4	508	507	4,170	1	5
25-30 pounds	19,561	1,081	18,478	2	1,741	1,659	16,135	8	18
31+ pounds	32,087	1,660	30,418	9	2,718	2,540	26,795	9	25
Unknown	13,651	1,221	12,413	17	1,674	1,107	10,805	9	56
<b>Substance use</b>									
Drinker, nonsmoker	414	29	385	0	47	36	329	0	2
Smoker, nondrinker	5,152	576	4,575	1	685	487	3,967	2	11
Smoker and drinker	329	40	289	0	50	35	241	0	3
Nonsmoker and nondrinker	81,484	5,281	76,162	41	7,993	6,863	66,384	29	215
<b>Prenatal care</b>									
No care	1,891	271	1,618	2	395	163	1,297	3	33
1st trimester	66,146	4,395	61,726	25	6,601	5,728	53,687	16	114
2nd trimester	14,535	945	13,582	8	1,351	1,148	12,002	9	25
3rd trimester	3,826	210	3,615	1	292	300	3,226	3	5
Unknown	981	105	870	6	136	82	709	0	54
<b>Prenatal visits</b>									
No visits	1,891	271	1,618	2	395	163	1,297	3	33
1-4 visits	3,893	531	3,358	4	678	340	2,853	6	16
5-8 visits	13,585	1,494	12,087	4	2,153	1,267	10,142	0	23
9-12 visits	38,638	1,937	36,690	11	2,984	3,340	32,254	7	53
13+ visits	27,709	1,484	26,212	13	2,280	2,167	23,208	15	39
Unknown	1,663	209	1,446	8	285	144	1,167	0	67

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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>	<b>Yes</b>	4,921	2,562	2,349	10	3,066	388	1,455	0	12
	<b>No</b>	82,356	3,351	78,974	31	5,691	7,024	69,408	31	202
	<b>Unknown</b>	102	13	88	1	18	9	58	0	17
<b>Obstetric procedures</b>	<b>Amniocentesis</b>	907	100	807	0	181	98	628	0	0
	<b>Electro. Fetal Monit.</b>	73,418	5,065	68,325	28	7,490	6,264	59,556	29	79
	<b>Induction of labor</b>	14,548	642	13,903	3	853	1,035	12,646	6	8
	<b>Stimulation of labor</b>	10,430	622	9,806	2	952	964	8,497	3	14
	<b>Tocolysis</b>	6,891	905	5,982	4	1,253	625	4,997	1	15
	<b>Ultrasound</b>	64,210	4,542	59,642	26	6,635	5,447	52,054	13	61
	<b>Other</b>	11	2	9	0	1	1	9	0	0
<b>Method of delivery</b>	<b>Vaginal</b>	67,475	3,532	63,909	34	5,508	5,575	56,231	25	136
	<b>Vaginal after C-Section</b>	991	41	949	1	73	75	830	0	13
	<b>Primary C-Section</b>	11,114	1,796	9,313	5	2,233	962	7,841	3	75
	<b>Repeat C-Section</b>	7,799	557	7,240	2	961	809	6,019	3	7
	<b>Forceps</b>	953	25	927	1	42	60	850	0	1
	<b>Vacuum</b>	3,133	103	3,030	0	187	227	2,709	1	9
<b>Births with medical risk factors</b>	<b>Total</b>	24,930	2,778	22,132	20	3,933	2,467	18,387	15	128
<b>Medical risk factors</b>	<b>Anemia</b>	1,583	80	1,503	0	112	146	1,322	0	3
	<b>Cardiac disease</b>	130	10	120	0	16	17	97	0	0
	<b>Lung disease</b>	107	9	98	0	15	11	80	0	1
	<b>Diabetes</b>	2,051	145	1,905	1	353	297	1,398	1	2
	<b>Genital herpes</b>	576	25	551	0	61	40	475	0	0
	<b>Hydramnios</b>	464	77	386	1	104	58	301	0	1
	<b>Hemoglobinopathy</b>	12	1	11	0	0	4	7	0	1
	<b>Chronic hypertension</b>	314	49	265	0	68	53	193	0	0
	<b>Pregnancy associated hypertension</b>	2,203	467	1,736	0	575	346	1,278	1	3
	<b>Eclampsia</b>	397	124	273	0	146	52	196	0	3
	<b>Previous infant 4000+g</b>	419	7	411	1	23	25	368	1	2
	<b>Previous SGA infant</b>	413	67	346	0	126	65	221	0	1
	<b>Renal disease</b>	111	18	93	0	27	13	70	0	1
	<b>RH sensitization</b>	674	35	639	0	68	60	545	0	1
	<b>Uterine bleeding</b>	270	38	229	3	57	22	191	0	0
	<b>Incompetent cervix</b>	83	24	59	0	31	6	40	0	6
<b>Other</b>	18,672	2,118	16,540	14	2,941	1,673	13,922	13	123	
<b>Abnormal conditions of the newborn</b>	<b>Total</b>	7,767	2,013	5,742	12	2,461	579	4,696	3	28
<b>Abnormal conditions</b>	<b>Anemia</b>	34	3	31	0	6	1	27	0	0
	<b>Birth injury</b>	99	2	97	0	5	8	86	0	0
	<b>Fetal Alcohol Syndrome</b>	3	1	2	0	1	0	2	0	0
	<b>Membrane disease</b>	441	230	210	1	294	35	111	0	1
	<b>Meconium aspiration</b>	89	3	86	0	4	4	80	0	1
	<b>Assisted vent &lt;30 min</b>	1,643	149	1,494	0	212	133	1,291	1	6
	<b>Assisted vent &gt;30 min</b>	743	148	592	3	207	67	465	1	3
	<b>Seizures</b>	146	5	141	0	12	15	118	0	1
	<b>Other</b>	6,549	1,859	4,682	8	2,236	460	3,828	2	23

**TABLE 1B-33 (continued)**  
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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>Births with congenital anomalies</b>	<b>Total</b>	1,125	198	923	4	254	119	746	0	6
<b>Congenital anomalies</b>	Anencephalus	8	7	1	0	6	0	2	0	0
	Spina Bifida	6	2	4	0	3	0	3	0	0
	Hydrocephalus	13	4	9	0	4	3	6	0	0
	Microcephalus	0	0	0	0	0	0	0	0	0
	Other CNS Anomaly	5	2	3	0	3	0	2	0	0
	Heart Malformations	51	10	41	0	11	10	30	0	0
	Other Resp./Circulatory	237	65	172	0	79	24	131	0	3
	Rectal Atresia	4	0	4	0	0	0	4	0	0
	Fistula/Esoph. Atresia	6	2	4	0	3	1	2	0	0
	Omphalocele	32	12	20	0	12	10	10	0	0
	Other Gastrointestinal	0	0	0	0	0	0	0	0	0
	Malformed Genitalia	13	4	9	0	3	3	7	0	0
	Renal Agenesis	7	2	5	0	3	1	3	0	0
	Other Urogenital	30	4	26	0	5	4	21	0	0
	Cleft Lip/Palate	50	8	42	0	9	5	35	0	1
	Polydactyly	11	0	11	0	0	1	10	0	0
	Club Foot	31	6	25	0	9	2	20	0	0
	Diaphragmatic Hernia	9	2	7	0	1	1	7	0	0
	Other Muscoskeletal	24	1	23	0	2	3	19	0	0
	Down's Syndrome	43	8	35	0	10	7	26	0	0
Other Chromosomal	15	5	10	0	3	4	8	0	0	
Other	648	99	545	4	131	59	456	0	2	
<b>Births with complications</b>	<b>Total</b>	25,462	2,838	22,606	18	3,742	2,047	19,556	9	108
<b>Complications of labor and/or delivery</b>	Febrile	831	38	793	0	62	46	720	1	2
	Meconium	3,255	117	3,138	0	111	111	3,020	3	10
	Rupture of membrane	1,316	434	877	5	599	100	614	0	3
	Abruption placenta	353	158	194	1	193	34	126	0	0
	Placenta previa	263	50	213	0	117	30	116	0	0
	Other bleeding	259	19	240	0	25	22	211	0	1
	Seizures	20	4	16	0	5	3	12	0	0
	Precipitous labor	599	70	528	1	87	66	443	0	3
	Prolonged labor	532	14	518	0	27	31	473	0	1
	Dysfunctional labor	903	38	865	0	61	59	783	0	0
	Breech malpresentation	2,787	684	2,100	3	864	336	1,580	2	5
	Cephalopelvic disp.	838	19	819	0	35	38	762	0	3
	Cord prolapse	120	18	102	0	21	15	84	0	0
	Anesthetic complications	47	1	46	0	6	4	37	0	0
	Fetal distress	2,358	322	2,035	1	357	196	1,799	1	5
	Other	15,964	1,577	14,377	10	2,045	1,302	12,524	4	89

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