

**TABLE 1B-32
SELECTED CHARACTERISTICS OF NEWBORNS AND WOMEN GIVING BIRTH BY LEVEL OF PRENATAL CARE,
ARIZONA, 2002**

	TOTAL	Prenatal care					Visits		
		No care	1st trimester	2nd trimester	3rd trimester	Un-known	Less than 5	5 or more	Un-known
TOTAL	87,379	1,891	66,146	14,535	3,826	981	5,784	79,932	1,663
Mother's age group									
<15	206	12	95	66	27	6	32	165	9
15-17	3,952	170	2,263	1,147	315	57	476	3,393	83
18-19	7,316	220	4,762	1,759	469	106	664	6,512	140
20-24	25,072	628	18,014	4,857	1,249	324	1,942	22,642	488
25-29	23,424	438	18,448	3,438	875	225	1,328	21,662	434
30-34	17,707	248	14,671	2,062	559	167	821	16,572	314
35-39	7,951	146	6,498	982	258	67	421	7,374	156
40-44	1,649	24	1,323	212	67	23	89	1,528	32
45+	94	5	68	11	7	3	11	79	4
Unknown	8	0	4	1	0	3	0	5	3
Payee for birth									
AHCCCS	42,675	1,376	27,288	10,494	2,916	601	4,194	37,648	833
IHS	1,312	33	758	376	125	20	230	1,061	21
Private insurance	39,950	106	35,942	3,078	581	243	698	38,617	635
Self	1,989	273	1,203	344	126	43	443	1,498	48
Unknown	1,453	103	955	243	78	74	219	1,108	126
Mother's education									
< 8	5,345	315	2,978	1,548	444	60	735	4,525	85
8	2,574	156	1,433	704	235	46	405	2,102	67
9-11	17,928	691	11,193	4,538	1,273	233	2,013	15,576	339
12	25,683	467	19,391	4,443	1,093	289	1,577	23,605	501
13-16	27,658	149	24,132	2,633	536	208	721	26,507	430
17+	6,334	22	5,852	327	109	24	110	6,164	60
Unknown	1,857	91	1,167	342	136	121	223	1,453	181
Marital status									
Married	51,432	493	43,157	5,940	1,413	429	1,881	48,677	874
Unmarried	35,116	1,361	22,438	8,427	2,355	535	3,802	30,550	764
Other/Unknown*	831	37	551	168	58	17	101	705	25
Weight gain									
None	1,352	78	996	191	70	17	163	1,157	32
1-15 pounds	8,234	200	5,761	1,663	515	95	764	7,326	144
16-20 pounds	7,303	175	5,331	1,386	329	82	585	6,584	134
21-24 pounds	5,191	72	4,041	878	155	45	246	4,875	70
25-30 pounds	19,561	378	15,223	3,024	790	146	1,129	18,156	276
31+ pounds	32,087	288	25,681	4,787	1,076	255	1,256	30,342	489
Unknown	13,651	700	9,113	2,606	891	341	1,641	11,492	518
Substance use									
Drinker, nonsmoker	414	16	292	71	29	6	53	348	13
Smoker, nondrinker	5,152	200	3,403	1,117	321	111	617	4,395	140
Smoker and drinker	329	30	186	77	24	12	68	248	13
Nonsmoker and nondrinker	81,484	1,645	62,265	13,270	3,452	852	5,046	74,941	1,497
Length of gestation									
<37 weeks	8,775	395	6,601	1,351	292	136	1,073	7,417	285
37 weeks	7,421	163	5,728	1,148	300	82	503	6,774	144
38-42 weeks	70,921	1,297	53,687	12,002	3,226	709	4,150	65,604	1,167
43+ weeks	31	3	16	9	3	0	9	22	0
Unknown	231	33	114	25	5	54	49	115	67
Weight at birth									
<1,000 grams	520	37	410	55	7	11	168	324	28
1,000-1,499	462	29	350	65	9	9	83	347	32
1,500-2,499	4,944	205	3,635	825	194	85	551	4,244	149
2,500-3,999	74,047	1,519	55,900	12,494	3,318	816	4,645	68,073	1,329
4000+ grams	7,364	99	5,826	1,088	297	54	331	6,916	117
Unknown	42	2	25	8	1	6	6	28	8

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			No care	1st trimester	2nd trimester	3rd trimester	Un-known	Less than 5	5 or more	Un-known
Newborn intensive care	Yes	4,921	216	3,726	723	182	74	562	4,168	191
	No	82,356	1,673	62,338	13,804	3,640	901	5,214	75,683	1,459
	Unknown	102	2	82	8	4	6	8	81	13
Obstetric procedures	Amniocentesis	907	3	791	93	15	5	14	886	7
	Electro. Fetal Monit.	73,418	1,642	54,932	12,715	3,285	844	4,980	66,953	1,485
	Induction of labor	14,548	65	11,809	2,065	494	115	449	13,827	272
	Stimulation of labor	10,430	166	8,086	1,642	383	153	587	9,509	334
	Tocolysis	6,891	62	5,910	714	135	70	315	6,365	211
	Ultrasound	64,210	1,032	49,480	10,413	2,746	539	3,738	59,357	1,115
	Other	11	2	4	3	2	0	3	8	0
Method of delivery	Vaginal	67,475	1,594	50,501	11,568	3,057	755	4,655	61,605	1,215
	Vaginal after C-Section	991	32	704	206	40	9	81	897	13
	Primary C-Section	11,114	154	8,949	1,523	371	117	564	10,283	267
	Repeat C-Section	7,799	111	5,992	1,238	358	100	484	7,147	168
	Forceps	953	15	751	138	39	10	53	883	17
	Vacuum	3,133	35	2,470	458	135	35	148	2,913	72
Births with medical risk factors	Total	24,930	853	18,283	4,138	1,281	375	2,294	22,148	488
Medical risk factors	Anemia	1,583	29	1,167	285	80	22	116	1,448	19
	Cardiac disease	130	0	112	13	4	1	3	124	3
	Lung disease	107	1	83	19	3	1	4	103	0
	Diabetes	2,051	7	1,617	351	60	16	59	1,945	47
	Genital herpes	576	4	506	50	9	7	11	557	8
	Hydramnios	464	8	331	99	23	3	33	424	7
	Hemoglobinopathy	12	0	9	1	2	0	1	11	0
	Chronic hypertension	314	4	253	38	15	4	19	287	8
	Pregnancy associated hypertension	2,203	28	1,804	294	64	13	110	2,080	13
	Eclampsia	397	16	289	69	15	8	29	356	12
	Previous infant 4000+g	419	6	295	82	26	10	30	387	2
	Previous SGA infant	413	5	344	49	14	1	23	387	3
	Renal disease	111	2	97	9	1	2	6	100	5
	RH sensitization	674	5	559	94	14	2	28	644	2
	Uterine bleeding	270	3	216	44	5	2	14	255	1
	Incompetent cervix	83	1	80	2	0	0	3	79	1
Other	18,672	801	13,185	3,256	1,101	329	2,040	16,230	402	
Abnormal conditions of the newborn	Total	7,767	246	5,571	1,351	403	196	737	6,785	245
Abnormal conditions	Anemia	34	0	25	4	5	0	2	32	0
	Birth injury	99	1	77	18	2	1	9	86	4
	Fetal Alcohol Syndrome	3	1	2	0	0	0	1	2	0
	Membrane disease	441	12	369	49	10	1	44	396	1
	Meconium aspiration	89	5	67	14	3	0	7	82	0
	Assisted vent <30 min	1,643	17	1,097	328	122	79	106	1,478	59
	Assisted vent >30 min	743	24	523	131	34	31	64	660	19
	Seizures	146	1	116	22	7	0	8	137	1
	Other	6,549	216	4,660	1,166	344	163	643	5,689	217

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Births with congenital anomalies	Total	1,125	39	786	204	59	37	125	968	32
Congenital anomalies	Anencephalus	8	0	7	1	0	0	2	5	1
	Spina Bifida	6	0	4	2	0	0	1	5	0
	Hydrocephalus	13	1	10	2	0	0	1	11	1
	Microcephalus	0	0	0	0	0	0	0	0	0
	Other CNS Anomaly	5	1	4	0	0	0	1	4	0
	Heart Malformations	51	0	40	8	3	0	6	45	0
	Other Resp./Circulatory	237	15	141	55	14	12	45	187	5
	Rectal Atresia	4	1	2	0	0	1	1	2	1
	Fistula/Esoph. Atresia	6	0	4	0	2	0	0	6	0
	Omphalocele	32	0	23	6	1	2	0	30	2
	Other Gastrointestinal	0	0	0	0	0	0	0	0	0
	Malformed Genitalia	13	0	8	4	0	1	0	12	1
	Renal Agenesis	7	1	5	1	0	0	1	6	0
	Other Urogenital	30	1	23	4	2	0	1	29	0
	Cleft Lip/Palate	50	0	40	7	3	0	2	47	1
	Polydactyly	11	0	9	1	1	0	0	11	0
	Club Foot	31	0	24	6	1	0	2	29	0
	Diaphragmatic Hernia	9	1	8	0	0	0	1	8	0
	Other Muscoskeletal	24	0	20	3	1	0	1	23	0
	Down's Syndrome	43	0	33	6	4	0	3	39	1
Other Chromosomal	15	1	11	2	1	0	2	13	0	
Other	648	22	454	114	34	24	72	554	22	
Births with complications	Total	25,462	604	19,114	4,276	1,129	339	1,849	23,051	562
Complications of labor and/or delivery	Febrile	831	18	633	141	30	9	41	785	5
	Meconium	3,255	134	2,252	640	172	57	296	2,889	70
	Rupture of membrane	1,316	37	1,021	207	34	17	126	1,156	34
	Abruption placenta	353	15	263	53	17	5	53	293	7
	Placenta previa	263	6	215	36	1	5	13	246	4
	Other bleeding	259	5	196	47	8	3	21	235	3
	Seizures	20	0	13	6	1	0	3	17	0
	Precipitous labor	599	29	400	116	44	10	90	498	11
	Prolonged labor	532	6	431	71	19	5	30	497	5
	Dysfunctional labor	903	6	691	140	41	25	44	852	7
	Breech malpresentation	2,787	54	2,183	423	89	38	208	2,522	57
	Cephalopelvic disp.	838	7	687	115	26	3	27	790	21
	Cord prolapse	120	3	98	11	7	1	8	110	2
	Anesthetic complications	47	0	36	10	1	0	3	44	0
	Fetal distress	2,358	37	1,877	338	86	20	138	2,165	55
	Other	15,964	383	11,742	2,836	765	238	1,145	14,442	377

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