

**TABLE 1B-31  
SELECTED CHARACTERISTICS OF NEWBORNS AND WOMEN GIVING BIRTH BY LEVEL OF PRENATAL CARE, ARIZONA, 2016**

	TOTAL	Prenatal care					Visits		
		No care	1st trimester	2nd trimester	3rd trimester	Un-known	Less than 5	5 or more	Un-known
<b>TOTAL</b>	84,404	2,020†	58,135	14,969	4,900†	4,390†	5,925	77,223	1,260†
<b>Mother's age group</b>									
<15	50†	*	17	15	15	*	10	44	0
15-17	1,420	70	671	435	180	64	211	1,179	30
18-19	3,916	141	2,176	1,013	403	183	434	3,425	57
20-24	19,775	589	12,581	4,218	1,416	971	1,745	17,755	275
25-29	25,328	551	17,926	4,211	1,366	1,274	1,676	23,320	332
30-34	21,394	414	15,798	3,050	950	1,182	1,141	19,933	320
35-39	10,209	200	7,392	1,599	455	563	571	9,454	184
40-44	2,125	39	1,445	405	105	131	122	1,954	49
45+	183	9	129	23	7	15	15	159	9
<b>Payer for birth</b>									
AHCCCS	44,146	1,397	27,277	10,001	3,413	2,058	2,858	39,337	554
IHS	1,068	64	616	237	108	43	162	829	13
Private insurance	34,516	273	27,493	3,864	954	1,932	602	33,102	539
Self-pay	4,373	262	2,599	832	411	269	277	3,744	90
Unknown	301	19	150	35	11	86	11	211	60
<b>Mother's education</b>									
8th Grade or Less	2,742	149	1,419	736	312	126	380	2,329	33
Some High School	12,272	633	6,818	3,090	1,191	540	1,691	10,407	174
High School / GED	21,200	578	13,822	4,373	1,385	1,042	1,746	19,174	280
Some College	20,033	323	14,315	3,423	928	1,044	1,020	18,766	247
Associate Degree	7,165	98	5,334	1,064	310	359	342	6,720	103
Bachelor's Degree	13,799	112	10,894	1,488	488	817	419	13,152	228
Postgraduate Education	6,519	41	5,229	670	202	377	170	6,214	135
Unknown	674	81	304	125	81	83	157	461	56
<b>Marital status</b>									
Married	45,553	579	34,120	6,449	1,960	2,445	1,905	42,992	656
Unmarried <sup>a</sup>	37,843	1,340	23,458	8,341	2,825	1,879	3,820	33,454	569
Unknown	1,008	96	557	179	112	64	200	777	31
<b>Weight gain</b>									
Inadequate	19,276	667	12,356	3,611	1,506	1,136	1,947	16,936	393
Adequate	26,165	544	18,323	4,625	1,361	1,312	1,657	24,157	351
Excessive	38,460	707	27,288	6,689	1,995	1,781	2,191	35,826	443
Unknown	503	97	168	44	35	159	130	304	69
<b>Smoking during pregnancy</b>									
Non-smoker	79,684	1,688	55,457	13,942	4,485	4,112	5,133	73,403	1,148
Light smoker (less than 10 cigarettes per day)	2,382	159	1,363	536	212	112	398	1,944	40
Heavy smoker (10 or more cigarettes per day)	2,382	159	1,363	536	212	112	286	1,316	31
Unknown	1,633	123	908	365	145	92	108	560	37

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	TOTAL	Prenatal care					Visits			
		No care	1st trimester	2nd trimester	3rd trimester	Un-known	Less than 5	5 or more	Un-known	
<b>Length of gestation</b>	<b>&lt;37 weeks</b>	705	45	407	126	55	72	1,161	6,242	235
	<b>37-41 weeks</b>	76,397	1,531	52,965	13,654	4,574	3,673	4,704	70,741	952
	<b>42+ weeks</b>	228	15	93	67	32	21	27	198	*
	<b>Unknown</b>	141	26	0	39	0	76	33	42	66
<b>Weight at birth</b>	<b>&lt;1,000 grams</b>	492	50	306	71	0	65	178	287	27
	<b>1,000-1,499</b>	519	41	338	84	11	45	113	385	21
	<b>1,500-2,499</b>	5,175	217	3,438	914	266	340	602	4,439	134
	<b>2,500-3,999</b>	71,613	1,584	49,388	12,803	4,257	3,581	4,692	65,931	990
	<b>4,000+ grams</b>	6,574	119	4,655	1,092	363	345	334	6,168	72
	<b>Unknown</b>	30†	*	10	*	0	12	6	13	12
<b>Newborn intensive care</b>	<b>Yes</b>	5,814	291	3,806	1,058	347	312	773	4,877	164
	<b>No</b>	78,590	1,724	54,329	13,911	4,550	4,076	5,152	72,346	1,092
<b>Method of delivery</b>	<b>Vaginal</b>	58,968	1,480	40,221	10,716	3,447	3,104	4,228	53,890	850
	<b>C-Section</b>	23,178	480	16,349	3,845	1,309	1,195	1,546	21,258	374
	<b>Forceps</b>	330†	*	222	68	16	17	20	301	*
	<b>Vacuum</b>	1,927	52	1,343	340	125	67	131	1,774	22
	<b>Unknown</b>	5	0	0	0	0	*	0	0	*
<b>Obstetric procedures<sup>b</sup></b>	<b>Total</b>	39,665	903	27,151	7,548	2,505	1,558	2,611	36,674	380
	<b>Induction of labor</b>	24,762	520	17,211	4,599	1,531	901	1,441	23,131	190
	<b>Augmentation of labor</b>	19,400	536	12,921	3,803	1,292	848	1,508	17,675	217
	<b>Cervical cerclage</b>	130†	*	106	13	*	*	7	119	*
	<b>Tocolysis</b>	359	20	252	63	20	*	68	290	*
	<b>External cephalic version successful</b>	60†	*	46	11	*	*	6	54	*
	<b>External cephalic version failed</b>	90†	*	59	21	*	*	*	84	0
<b>Births with medical risk factors<sup>b</sup></b>	<b>Total</b>	17,606	426	12,172	3,181	1,079	748	1,359	16,035	212
	<b>Pre-existing diabetes</b>	764	18	550	130	38	28	57	702	*
	<b>Gestational diabetes</b>	6,417	62	4,690	1,053	314	298	269	6,071	77
	<b>Pre-existing hypertension</b>	972	18	710	165	46	33	59	901	12
	<b>Gestational hypertension</b>	5,263	141	3,634	967	290	231	406	4,786	71
	<b>Eclampsia</b>	160†	*	108	18	12	12	14	136	*
	<b>Previous preterm birth</b>	3,444	141	2,383	602	204	114	384	3,021	39
	<b>Other previous poor pregnancy outcome</b>	1,141	29	799	194	68	51	119	1,009	13
	<b>Gonorrhea</b>	249	9	147	54	27	12	37	210	*
	<b>Syphilis</b>	70†	*	39	11	11	*	16	52	0
	<b>Chlamydia</b>	2,138	69	1,208	562	239	60	271	1,851	16
	<b>Hepatitis B</b>	121	6	66	36	7	6	14	105	*
<b>Hepatitis C</b>	179	16	82	45	30	6	43	135	*	

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	TOTAL	Prenatal care					Visits			
		No care	1st trimester	2nd trimester	3rd trimester	Un-known	Less than 5	5 or more	Un-known	
<b>Births with complications of labor and delivery<sup>b</sup></b>	<b>Total</b>	22,548	723	15,017	4,146	1,492	1,170	1,964	20,284	300
	Premature rupture of the membranes	3,636	165	2,519	613	164	175	405	3,191	40
	Precipitous labor	4,592	216	2,753	982	410	231	528	3,988	76
	Prolonged labor	1,740	33	1,224	293	77	113	79	1,644	17
	Breech presentation	3,142	99	2,190	530	156	167	301	2,782	59
	Chorioamnionitis	1,779	49	1,210	334	118	68	133	1,631	15
	Meconium staining of the amniotic fluid	6,303	210	4,033	1,187	466	407	562	5,676	65
	Fetal intolerance	4,967	105	3,452	884	303	223	302	4,589	76
	Maternal transfusion	378	26	234	62	40	16	71	297	10
	Third or fourth degree perineal laceration	390	7	275	79	22	7	21	364	*
	Ruptured uterus	30†	0	24	*	*	*	0	32	*
	Unplanned Hysterectomy	40†	*	22	9	*	*	*	31	*
	Admission to intensive care unit	129	7	78	23	15	6	24	104	*
Unplanned surgery following delivery	150†	*	111	25	8	7	17	132	*	
<b>Abnormal conditions of the newborn<sup>b</sup></b>	<b>Total</b>	3,738	147	2,543	649	197	202	426	3,219	93
	Assisted ventilation immediately after delivery	2,507	115	1,671	442	120	159	329	2,106	72
	Assisted ventilation for more than 6 hours	1,419	59	988	250	45	77	200	1,177	42
	Surfactant replacement therapy	404	26	269	66	9	34	80	301	23
	Suspected neonatal sepsis	1,877	71	1,331	305	90	80	207	1,617	53
	Seizure or serious neurologic dysfunction	30†	*	21	7	0	*	8	24	*
	Significant birth injury	80†	*	49	18	7	*	8	69	*
<b>Congenital anomalies of the newborn<sup>b</sup></b>	<b>Total</b>	398	19	236	90	22	31	53	333	12
	Anencephalus	0†	0	*	*	0	0	*	*	0
	Spina bifida / Meningocele	10†	*	10	*	*	0	*	12	0
	Cyanotic congenital heart disease	50†	*	27	11	*	*	*	41	*
	Congenital diaphragmatic hernia	10†	0	*	*	0	*	*	6	*
	Omphalocele / Gastroschisis	30†	0	17	11	*	*	*	27	*
	Limb reduction defect	20†	0	7	6	*	0	*	13	0
	Cleft lip / palate	80†	*	53	19	*	*	6	70	*
	Down syndrome	50†	*	35	8	*	*	*	49	0
	Suspected chromosomal disorder	40†	*	28	9	*	*	*	39	*
	Hypospadias	20†	0	10	*	*	0	*	14	0
	Unknown congenital anomalies	120†	12	56	26	*	19	27	84	*

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; ° The coding of marital status has changed as such unmarried category includes divorced; <sup>b</sup> Total birth where an obstetric procedure; medical risk factor; complication of labor and delivery; abnormal condition of the newborn; or a congenital anomaly of the newborn was identified.

**Correction:** In the 2015 report, total congenital anomalies of the newborn was reported as 312 where it should have been 408; Omphalocele/Gastroschisis reported 0 where it should have been 35; Cleft lip/palate reported 0 where it should have been 72.