

**TABLE 1B-33
SELECTED CHARACTERISTICS OF BIRTHS BY BIRTHWEIGHT AND GESTATIONAL AGE, ARIZONA, 2012**

		TOTAL	Weight at birth			Length of gestation			
			<2,500 grams	2,500+ grams	Unknown	<37 weeks	37-41 weeks	42+ weeks	Unknown
TOTAL		85,725	5,950†	79,770†	10†	7,892	77,520†	270†	40†
Mother's age group	<15	70†	*	63	0	6	60	*	0
	15-17	2,430†	207	2,223	0	251	2,169	9	*
	18-19	5,620†	427	5,193	0	516	5,086	16	*
	20-24	21,600†	1,497	20,099	*	1,869	19,663	53	13
	25-29	24,530†	1,471	23,053	*	2,046	22,395	75	9
	30-34	19,990†	1,375	18,614	*	1,897	18,007	78	9
	35-39	9,210†	735	8,475	0	1,023	8,157	27	*
	40-44	2,150†	212	1,939	0	258	1,882	10	*
	45+	130†	18	112	0	26	103	0	*
	Unknown	0†	0	*	*	0	*	0	*
Payee for birth	AHCCCS	45,510†	3,426	42,083	*	4,463	40,917	113	18
	IHS	1,490†	83	1,403	*	130	1,339	17	*
	Private insurance	35,600†	2,259	33,339	*	3,056	32,424	114	*
	Self	2,953	153	2,800	0	214	2,708	25	6
		Unknown	180†	25	148	*	29	136	0
Mother's education	<8	2,270†	166	2,100	0	232	2,021	12	*
	8	1,440†	99	1,345	0	154	1,285	*	*
	9-11	12,590†	997	11,594	*	1,327	11,214	43	8
	12	26,910†	1,965	24,943	*	2,589	24,245	63	12
	13-16	33,120†	2,078	31,036	*	2,802	30,199	107	7
	17+	8,790†	590	8,199	*	727	8,023	38	*
		Unknown	610†	51	556	*	61	537	*
Marital status	Married	46,080†	2,805	43,272	*	3,844	42,069	154	14
	Unmarried	38,770†	3,056	35,712	*	3,948	34,683	114	25
		Other/Unknown^a	870†	85	789	0	100	772	*
Weight gain	None	1,320†	180	1,137	0	209	1,103	*	0
	1-15 pounds	10,660†	1,239	9,419	*	1,485	9,145	26	*
	16-20 pounds	10,680†	941	9,737	0	1,171	9,479	25	*
	21-24 pounds	6,630†	484	6,141	0	614	5,997	12	*
	25-30 pounds	19,800†	1,152	18,650	0	1,577	18,162	59	*
	31+ pounds	36,050†	1,880	34,173	*	2,732	33,179	135	8
		Unknown	590†	70	516	*	104	459	7

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	TOTAL	Weight at birth			Length of gestation				
		<2,500 grams	2,500+ grams	Unknown	<37 weeks	37-41 weeks	42+ weeks	Unknown	
Substance use	Drinker, nonsmoker	250†	31	221	0	26	224	*	*
	Smoker, nondrinker	3,454	452	3,002	0	490	2,950	8	6
	Smoker and drinker	150†	22	123	0	23	119	*	*
	Nonsmoker and nondrinker	81,874	5,441	76,427	6	7,353	74,231	258	32
Prenatal care	No care	1,065	175	890	0	291	737	19	18
	1st trimester	70,820†	4,754	66,061	*	6,349	64,282	178	8
	2nd trimester	10,890†	832	10,056	*	987	9,859	43	0
	3rd trimester	2,758	160	2,598	0	229	2,502	27	0
	Unknown	200†	25	168	*	36	144	*	14
Prenatal visits	No visits	1,065	175	890	0	291	737	19	18
	1-4 visits	3,052	511	2,541	0	642	2,384	26	0
	5-8 visits	11,690†	1,335	10,357	*	1,723	9,947	23	0
	9-12 visits	40,040†	2,307	37,732	0	3,195	36,757	84	*
	13+ visits	29,640†	1,586	28,054	*	1,998	27,527	114	*
	Unknown	230†	32	199	*	43	172	*	16
Newborn intensive care	Yes	4,160†	2,050	2,108	0	2,380	1,766	8	*
	No	81,560†	3,896	77,662	*	5,511	75,756	261	34
	Unknown	10†	0	*	*	*	*	0	*
Obstetric procedures	Amniocentesis	259	44	215	0	46	213	0	0
	Electro. fetal monit.	80,260†	5,637	74,621	*	7,517	72,484	237	22
	Induction of labor	17,810†	748	17,066	0	784	16,959	69	*
	Stimulation of labor	14,820†	801	14,021	0	1,131	13,636	53	*
	Tocolysis	400†	71	325	0	83	309	*	0
	Ultrasound	59,830†	4,340	55,482	*	5,707	53,910	192	16
	Other	6,920†	457	6,460	*	633	6,260	21	*
Method of delivery	Vaginal	60,990†	3,054	57,933	*	4,303	56,463	190	34
	Vaginal after C-Section	1,020†	55	962	0	94	919	*	0
	Primary C-Section	12,360†	1,956	10,406	0	2,272	10,026	61	*
	Repeat C-Section	11,310†	880	10,433	*	1,223	10,076	14	*
	Forceps	372	17	355	0	22	350	0	0
	Vacuum	2,420†	72	2,350	0	100	2,313	7	*

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	TOTAL	Weight at birth			Length of gestation				
		<2,500 grams	2,500+ grams	Unknown	<37 weeks	37-41 weeks	42+ weeks	Unknown	
Births with medical risk factors	Total	32,340†	3,430†	28,911	0†	4,417	27,800	110†	20†
	Anemia	3,820†	317	3,500	0	424	3,382	9	*
	Cardiac disease	180†	20	160	0	25	154	*	0
	Lung disease	880†	89	789	0	108	768	*	*
	Diabetes	4,390	362	4,028	0	682	3,700	8	0
	Genital herpes	950†	74	873	0	93	851	*	0
	Hydramnios/oligohydramnios	1,180†	195	985	0	193	983	*	0
	Hemoglobinopathy	21	6	15	0	7	14	0	0
	Chronic hypertension	790†	121	667	0	147	639	*	*
	hypertension	3,871	659	3,212	0	787	3,073	11	0
	Eclampsia	630†	196	433	0	245	383	0	*
	Previous infant 4000+g	260†	9	248	0	19	235	*	0
	Previous SGA infant	751	193	558	0	259	492	0	0
	Renal disease	80†	*	72	0	13	64	0	0
	RH sensitization	215	10	205	0	11	204	0	0
	Uterine bleeding	250†	62	189	*	78	174	0	0
	Incompetent cervix	204	81	123	0	94	110	0	0
	Other	23,470†	2,617	20,849	*	3,305	20,064	84	14
Abnormal conditions of the newborn	Total	8,240†	1,420†	6,820†	0	1,720†	6,483	40†	0†
	Anemia	26	7	19	0	8	18	0	0
	Birth injury	50†	*	44	0	*	42	*	0
	Fetal alcohol syndrome	10†	*	*	0	0	6	0	0
	Membrane disease	194	80	114	0	109	85	0	0
	Meconium aspiration	80†	*	71	0	*	73	*	0
	Assisted vent <30 min	670†	98	576	0	131	538	*	0
	Assisted vent >30 min	270†	124	147	0	138	132	0	*
	Newborn seizures	20†	*	15	0	*	15	0	0
	Other	7,530†	1,282	6,245	0	1,550	5,941	34	*
Births with congenital anomalies	Total	680†	160†	520†	0†	170†	500†	0†	0
	Anencephalus	10†	*	7	0	*	8	*	0
	Spina bifida/meningocele	10†	*	*	0	*	*	0	0
	Hydrocephalus	10†	*	7	0	8	*	0	0
	Microcephalus	0†	0	*	0	*	0	0	0

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	TOTAL	Weight at birth			Length of gestation			
		<2,500 grams	2,500+ grams	Unknown	<37 weeks	37-41 weeks	42+ weeks	Unknown
Other CNS anomaly	10†	*	9	0	*	10	0	0
Heart malformations	69	26	43	0	25	44	0	0
Other respiratory/circulatory	110†	38	66	*	47	58	0	0
Rectal atresia/stenosis	0†	*	*	0	*	*	0	0
Fistula/esophageal atresia	0†	*	*	0	*	*	0	0
Omphalocele/gastroschisis	21	14	7	0	15	6	0	0
Other gastrointestinal	20†	7	10	0	*	13	0	0
Malformed genitalia	10†	0	*	0	*	*	0	0
Renal agenesis	0†	*	*	0	*	*	0	0
Other urogenital	40†	*	37	0	*	38	0	0
Cleft lip/palate	60†	9	55	0	10	53	*	0
Polydactyly/syndactyly/adactyly	20†	*	15	0	7	13	0	0
Club foot	50	10	40	0	12	38	0	0
Diaphragmatic hernia	0†	0	*	0	0	*	0	0
Other muscoskeletal	30†	*	21	0	7	19	0	0
Down syndrome	44	9	35	0	10	34	0	0
Other chromosomal	30	11	19	0	10	20	0	0
Other	250†	42	207	0	40	207	*	0
Births with complications								
Total	27,160†	2,940†	24,215	0†	3,740†	23,297	120†	10†
Febrile	1,459	67	1,392	0	82	1,369	8	0
Meconium	4,720†	150	4,566	0	145	4,530	38	*
Rupture of membrane	1,510†	565	945	0	794	715	*	0
Abruption placenta	410†	159	250	*	207	202	0	*
Placenta previa	290	87	203	0	121	169	0	0
Other bleeding	310†	39	273	0	50	261	*	0
Seizures	19	6	13	0	7	12	0	0
Precipitous labor	1,110†	120	994	0	155	953	*	*
Prolonged labor	500†	20	476	0	24	466	*	*
Dysfunctional labor	1,470†	53	1,411	*	80	1,370	13	*
Breech malpresentation	2,650†	685	1,962	0	804	1,838	*	0
Cephalopelvic disproportion	300†	9	287	0	6	285	*	*
Cord prolapse	90†	17	72	0	21	67	*	0
Anesthetic complications	30†	*	28	0	*	26	0	*
Fetal distress	6,170†	704	5,464	*	783	5,353	30	*
Other	14,370†	1,487	12,883	*	1,877	12,441	49	*

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; ^a "Refused", "yes, divorced", "unknown".