



Newborn's Health

**4.16
GESTATIONAL AGE (2010 STATUS)**

		TOTAL BIRTHS	Length of gestation			
			<37 weeks	37-41 weeks	42+ weeks	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,815	620†	5,140†	50†	10†
Resided on reservation	Ak-Chin Indian Community	13	0	13	0	0
	Cocopah Tribe	10†	*	8	0	0
	Colorado River Indian Tribe	30†	*	26	0	0
	Fort McDowell Yavapai Nation Reservation	20†	*	10	0	0
	Fort Mojave Indian Tribe	7	0	7	0	0
	Fort Yuma Quechan Tribe	0	0	0	0	0
	Gila River Indian Community	59	8	51	0	0
	Havasupai Tribe	20†	*	12	0	0
	Hopi Tribe	230†	23	192	9	*
	Hualapai Tribe	20†	*	20	0	0
	Kaibab-Paiute Tribe	0	0	0	0	0
	Navajo Nation	1,460†	136	1,304	17	*
	Pascua Yaqui Tribe	40†	*	37	0	0
	Salt River Pima-Maricopa Indian Community	120†	10	106	*	0
	San Carlos Apache Tribe	270†	39	231	*	0
	Tohono O'Odham Nation	170†	22	143	*	0
	White Mountain Apache Tribe	330†	44	277	*	*
	Yavapai-Apache Nation	0†	0	*	0	0
	Yavapai-Prescott Indian Tribe	10†	0	*	0	0
	TOTAL	2,788	300†	2,440†	30†	10†
Resided off reservation	---in Maricopa County	1,500†	157	1,336	*	0
	---in Pima County	350†	42	307	*	0
	---in Coconino County	290†	25	259	*	0
	---elsewhere in Arizona	890†	93	796	*	0
	TOTAL	3,027	317	2,698	10†	0

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.

4.17
WEIGHT AT BIRTH (2010 STATUS)

		TOTAL BIRTHS	Weight at birth					
			<1,000 grams	1,000-1,499	1,500-2,499	2,500-3,999	4000+	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,815	30†	40†	340†	4,870†	540†	0†
Resided on reservation	Ak-Chin Indian Community	10†	0	0	0	12	*	0
	Cocopah Tribe	10†	0	0	0	10	*	0
	Colorado River Indian Tribe	30†	0	0	0	27	*	0
	Fort McDowell Yavapai Nation Reservation	20†	0	0	*	7	*	0
	Fort Mojave Indian Tribe	7	0	0	0	7	0	0
	Fort Yuma Quechan Tribe	0	0	0	0	0	0	0
	Gila River Indian Community	60†	*	*	*	47	7	0
	Havasupai Tribe	20†	*	*	*	12	*	0
	Hopi Tribe	230†	0	*	17	196	11	0
	Hualapai Tribe	20†	0	0	*	19	*	0
	Kaibab-Paiute Tribe	0	0	0	0	0	0	0
	Navajo Nation	1,460†	*	10	77	1,244	124	*
	Pascua Yaqui Tribe	40†	0	0	*	37	*	0
	Salt River Pima-Maricopa Indian Community	120†	0	0	*	97	15	0
	San Carlos Apache Tribe	270†	*	*	21	225	20	0
	Tohono O'Odham Nation	170†	*	*	14	129	19	0
	White Mountain Apache Tribe	330†	8	*	26	260	31	0
	Yavapai-Apache Nation	0†	0	0	0	*	*	0
	Yavapai-Prescott Indian Tribe	10†	0	0	0	*	*	0
	TOTAL	2,788	20†	20†	170†	2,330†	240†	0†
Resided off reservation	---in Maricopa County	1,498	8	6	82	1,240	162	0
	---in Pima County	350†	*	*	18	293	32	0
	---in Coconino County	290†	0	*	15	250	21	0
	---elsewhere in Arizona	890†	*	*	51	751	82	0
		TOTAL	3,027	10†	20†	166	2,534	297

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.

4.18
ABNORMAL CONDITIONS OF THE NEWBORN (2010 STATUS)

	TOTAL BIRTHS	Births with abnormal conditions of the newborn	Abnormal conditions ^a									
			Anemia	Birth injury	Fetal Alcohol Syndrome	Membrane disease	Meconium aspiration	Assisted vent. <30 min	Assisted vent. >30 min.	Newborn seizures	Other	
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA	5,815	413	0†	0†	0†	10†	20†	30†	20†	10†	350†	
Resided on reservation	Ak-Chin Indian Community	13	*	0	0	0	0	*	0	0	0	*
	Cocopah Tribe	11	*	0	0	0	0	0	*	*	0	*
	Colorado River Indian Tribe	28	*	0	0	0	0	0	*	0	0	*
	Fort McDowell Yavapai Nation Reservation	15	*	0	0	0	0	0	0	*	0	0
	Fort Mojave Indian Tribe	7	*	0	0	0	0	0	0	0	0	*
	Fort Yuma Quechan Tribe	0	0	0	0	0	0	0	0	0	0	0
	Gila River Indian Community	59	*	0	0	0	*	0	0	0	0	*
	Havasupai Tribe	16	0	0	0	0	0	0	0	0	0	0
	Hopi Tribe	226	8	0	0	0	0	*	*	*	0	6
	Hualapai Tribe	24	0	0	0	0	0	0	0	0	0	0
	Kaibab-Paiute Tribe	0	0	0	0	0	0	0	0	0	0	0
	Navajo Nation	1,460	58	*	*	0	*	*	7	10	*	37
	Pascua Yaqui Tribe	41	0	0	0	0	0	0	0	0	0	0
	Salt River Pima-Maricopa Indian Community	117	*	0	0	0	0	0	0	*	0	*
	San Carlos Apache Tribe	271	30	0	0	0	0	*	*	0	*	26
	Tohono O'Odham Nation	166	7	0	0	0	0	0	*	0	0	7
	White Mountain Apache Tribe	327	69	*	0	0	0	0	0	0	*	66
	Yavapai-Apache Nation	*	0	0	0	0	0	0	0	0	0	0
	Yavapai-Prescott Indian Tribe	*	0	0	0	0	0	0	0	0	0	0
	TOTAL	2,788	190†	0†	0†	0	0†	10†	10†	20†	10†	150†
Resided off reservation	---in Maricopa County	1,498	86	*	0	*	*	*	*	*	0	78
	---in Pima County	350	26	0	0	0	*	*	7	0	0	25
	---in Coconino County	288	*	0	0	0	*	0	*	0	*	*
	---elsewhere in Arizona	891	108	*	0	0	*	*	*	6	*	92
	TOTAL	3,027	230†	0†	0	0†	10†	10†	20†	10†	10†	200†

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 Abnormal conditions do not sum to the number of births with abnormal conditions of the newborn as each birth may be associated with multiple abnormal conditions.

**4.19
CONGENITAL ANOMALIES / BIRTH DEFECTS (2010 STATUS)**

		TOTAL BIRTHS	Births with congenital anomalies	Congenital anomalies ^a																					
				Anencephalus	Spina bifida/meningocele	Hydrocephalus	Microcephalus	Other CNS anomaly	Heart malformations	Other respiratory/circulatory	Rectal atresia / stenosis	Tracheo-esophageal fistula / esophageal	Omphalocele/gastroschisis	Other gastrointestinal	Malformed genitalia	Renal agenesis	Other urogenital	Cleft lip/palate	Polydactyly/ syndactyly/adactyly	Club foot	Diaphragmatic hernia	Other musculoskeletal	Down's syndrome	Other chromosomal	Other
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,815	37	0†	0†	0†	0	0	10†	0†	0	0	10†	0	0†	0†	0	10†	0†	0†	0†	0†	10†	0†	
Resided on reservation	Ak-Chin Indian Community	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Cocopah Tribe	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Colorado River Indian Tribe	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Fort McDowell Yavapai Nation Reservation	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Fort Mojave Indian Tribe	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Fort Yuma Quechan Tribe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Gila River Indian Community	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Havasupai Tribe	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Hopi Tribe	226	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
	Hualapai Tribe	24	*	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0
	Kaibab-Paiute Tribe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Navajo Nation	1,460	9	0	0	0	0	0	*	0	0	0	*	0	0	0	0	*	0	0	0	*	0	0	0
	Pascua Yaqui Tribe	41	*	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0
	Salt River Pima-Maricopa Indian Community	117	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0
	San Carlos Apache Tribe	271	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	*	0	0
	Tohono O'Odham Nation	166	*	0	*	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	*	0
	White Mountain Apache Tribe	327	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
	Yavapai-Apache Nation	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Yavapai-Prescott Indian Tribe	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2,790†	20	0	0†	0†	0	0	0†	0	0	0	0†	0	0	0	0	10†	0†	0	0†	0†	0†	0†	0†	
Resided off reservation	---in Maricopa County	1,498	*	0	0	0	0	*	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	
	---in Pima County	350	*	0	0	*	0	0	0	0	0	*	0	0	0	0	0	*	0	0	0	0	*	0	
	---in Coconino County	288	*	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	
	---elsewhere in Arizona	891	9	*	0	*	0	0	*	*	0	0	*	0	*	*	0	*	*	0	*	0	*	*	
	TOTAL	3,027	20†	0†	0	0†	0	0	0†	0†	0	0	0†	0	0†	0†	0	0†	0†	0	0†	0†	0	0†	0†

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 Congenital anomalies do not sum to the number of births with congenital anomalies as each birth may be associated with multiple congenital anomalies.

4.20

CAUSES OF INFANT DEATHS AMONG AMERICAN INDIAN RESIDENTS, ARIZONA, 2010

	TOTAL STATE	Resided on reservation											Resided off reservation					
		Cocopah Tribe	Gila River Indian Community	Havasupai Tribe	Hualapai Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Indian	San Carlos Apache Tribe	Tohono O'odham Nation	White Mountain Apache Tribe	Total	---in Maricopa County	---in Pima County	---in Coconino County	---elsewhere in Arizona	Total	
Total, all causes	47	0†	1	0†	0†	10†	0†	0†	0†	0†	0†	0†	30†	10†	0†	0†	10†	20†
Certain conditions originating in the perinatal period	10†	0	0	*	0	*	*	*	*	0	*	10†	*	0	*	0	0†	
Maternal complications	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Complications of placenta, cord and membrane	0†	0	0	0	0	*	*	0	0	0	0	0†	0	0	*	0	0†	
Short gestation and low birth weight	10†	0	0	*	0	0	0	*	0	0	*	0†	*	0	0	0	0†	
Bacterial sepsis of newborn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Congenital malformations	10†	*	0	*	*	*	*	0	*	0	0	10†	*	*	0	*	0†	
of circulatory system	10†	0	0	*	0	0	*	0	*	0	0	0†	*	0	0	0	0†	
of brain, spinal cord or nervous system	0†	*	0	0	0	0	0	0	0	0	0	0†	0	0	0	0	0	
other malformation	10†	0	0	0	*	*	0	0	*	0	0	10†	0	*	0	*	0†	
Sudden infant death syndrome	10†	0	0	0	0	*	0	0	0	*	0	0†	0	*	0	*	0†	
Accidents (unintentional injury)	0†	0	0	0	0	*	0	0	0	0	0	0†	*	0	0	0	0†	
Influenza and pneumonia	0†	0	0	0	0	*	0	0	0	0	0	0†	0	0	0	0	0	
Diseases of the digestive system	0†	0	0	0	0	*	0	0	0	*	0	0†	0	0	0	0	0	
Infectious and parasitic diseases	0†	0	0	0	0	0	0	0	0	0	0	0	*	0	0	*	0†	
Diseases of the nervous system	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0†	
Choked on food	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mechanical suffocation	0†	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0†	
Drug poisoning, undetermined intent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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.

4.21
COMPARISON OF SELECTED CHARACTERISTICS^a OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2010

	Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	
Total births	5,815	890†	10†	720†	230†	80†	0†	50†	1,680†	60†	1,000†	550†	410†	0†	70	70†	
Mother's age group	<15	14	0	0	*	*	0	0	0	*	0	*	*	0	0	0	
	15-17	331	52	*	39	21	*	0	0	77	0	62	41	32	0	0	*
	18-19	643	98	*	75	31	19	0	*	151	15	119	64	45	0	12	8
	20-24	1,998	273	*	236	94	27	*	17	595	22	348	181	148	0	29	24
	25-29	1,429	222	*	196	41	19	0	12	423	17	244	132	87	*	16	18
	30-34	876	148	*	104	21	8	*	9	276	8	134	83	62	0	13	7
	35-39	427	76	0	60	13	*	0	*	130	*	68	44	23	0	0	6
	40-44	91	19	0	10	*	0	0	0	27	0	19	6	6	0	0	*
	45+	6	*	0	*	0	0	0	0	0	0	*	*	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Payee for births	AHCCCS	3,312	423	*	346	60	15	*	13	1,130	40	546	372	263	*	49	50
	IHS	1,657	383	0	326	156	64	0	25	143	*	403	82	64	0	*	6
	Private insurance	686	14	*	41	10	*	*	*	378	20	31	91	67	0	15	9
	Self	59	*	0	8	0	0	0	*	25	*	*	*	10	0	*	0
	Unknown	101	68	0	*	*	0	0	*	6	0	16	*	*	0	0	0
Mother's education	< 8	47	0	0	*	6	*	0	0	21	0	*	6	*	0	0	0
	8	118	*	0	*	6	*	*	*	48	0	14	11	22	0	*	*
	9-11	1,568	166	*	165	92	25	0	13	388	20	280	197	185	0	18	18
	12	2,328	420	*	306	92	40	0	18	590	31	450	200	112	*	33	33
	13-16	1,550	268	*	215	28	12	*	9	561	12	224	112	79	0	14	10
	17+	172	22	0	21	*	0	0	*	68	*	24	24	*	0	*	*
	Unknown	32	8	0	8	*	0	0	*	6	0	*	*	0	0	0	0
Marital status	Married	1,226	169	*	159	32	14	*	*	414	17	197	103	77	0	21	13
	Unmarried	4,517	715	*	555	193	66	*	40	1,230	47	799	444	322	*	49	52
	Other^b	72	*	*	9	*	*	0	0	38	0	*	6	6	0	0	0
Weight gain	None	171	8	0	15	6	*	0	0	47	*	24	37	26	0	*	*
	1-15 pounds	1,077	190	0	122	34	9	0	26	266	7	235	105	60	0	9	14
	16-20 pounds	798	141	0	117	45	10	0	*	218	9	143	57	42	*	9	*
	21-24 pounds	463	108	0	41	16	*	*	*	121	*	90	45	21	0	6	*
	25-30 pounds	1,346	157	*	227	52	23	0	6	404	19	221	98	107	0	21	10
	31+ pounds	1,840	247	6	190	72	31	*	8	618	24	240	204	148	0	21	30
	Unknown	120	38	*	11	*	*	0	*	8	*	47	7	*	0	*	0
Substance use	Drinker, nonsmoker	77	16	0	6	8	*	0	*	13	0	21	9	0	0	*	*
	Smoker, nondrinker	114	8	0	*	7	*	0	*	44	*	7	17	15	0	*	*
	Smoker and drinker	34	*	0	*	*	*	0	*	12	*	*	*	*	0	*	0
	Nonsmoker and nondrinker	5,590	862	8	714	209	77	*	40	1,613	58	969	523	389	*	63	62

4.21 (continued)
COMPARISON OF SELECTED CHARACTERISTICS^a OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2010

		Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Length of gestation	<37 weeks	621	82	0	69	31	10	*	*	179	*	105	67	50	0	7	11
	37-41 weeks	5,142	799	8	639	195	71	*	41	1,497	59	876	484	354	*	63	54
	42+ weeks	46	8	0	13	*	0	0	0	6	0	15	*	*	0	0	0
	Unknown	6	0	0	*	0	0	0	0	0	0	*	0	0	0	0	0
Weight at birth	<1,000 grams	30	*	0	*	*	*	0	0	8	0	8	*	*	0	0	*
	1,000-1,499	38	7	0	6	*	*	0	0	6	0	*	6	*	0	0	0
	1,500-2,499	338	50	0	32	20	*	0	0	93	*	77	35	21	0	*	*
	2,500-3,999	4,867	754	7	620	190	70	*	42	1,386	56	832	455	337	*	62	54
	4000+	540	74	*	64	15	6	*	*	189	6	77	52	40	0	*	7
Unknown	*	*	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
Prenatal care	No care	132	17	0	9	8	*	0	*	31	*	28	16	10	0	*	*
	1st trimester	4,035	534	7	545	132	43	*	21	1,274	51	615	397	332	*	53	29
	2nd trimester	1,270	247	*	136	71	30	0	14	286	9	272	115	51	0	12	26
	3rd trimester	359	88	0	29	16	6	*	*	83	*	83	24	12	0	*	7
	Unknown	19	*	0	*	0	0	0	*	8	0	*	*	0	0	0	0
Prenatal visits	No visits	132	17	0	9	8	*	0	*	31	*	28	16	10	0	*	*
	1-4 visits	510	88	0	55	26	22	*	6	121	*	126	37	15	0	*	6
	5-8 visits	1,425	248	0	160	70	33	0	11	357	12	307	128	56	0	13	30
	9-12 visits	2,628	387	*	316	89	15	0	12	834	31	381	243	258	0	39	18
	13+ visits	1,092	145	*	171	34	9	*	11	333	16	155	127	66	*	12	8
	Unknown	28	*	0	12	0	0	0	*	6	0	*	*	0	0	0	0
Newborn intensive care	Yes	324	36	0	22	19	*	0	*	104	*	48	43	30	0	*	10
	No	5,489	853	8	701	208	76	*	44	1,578	63	950	510	375	*	65	55
	Unknown	*	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0
Obstetric procedures	Amniocentesis	28	*	0	7	*	0	0	0	10	0	*	0	*	0	0	0
	Electronic Fetal Monitoring	5,345	770	*	674	200	42	*	42	1,646	64	837	534	400	*	68	65
	Induction of labor	1,035	164	*	157	47	*	0	*	309	23	161	87	49	*	20	*
	Stimulation of labor	886	105	0	154	30	*	0	*	337	18	140	27	55	0	12	*
	Tocolysis	40	*	0	8	9	0	0	0	10	0	8	0	*	0	0	*
	Ultrasound	4,156	565	8	411	71	50	*	27	1,371	24	582	528	385	*	66	65
	Other	466	14	0	13	*	39	*	0	104	0	19	110	156	0	*	*
Method of delivery	Vaginal	4,361	734	*	561	171	58	0	39	1,170	45	783	412	293	*	49	40
	Vaginal after C-Section	125	30	0	18	*	0	0	0	46	0	17	9	*	0	0	0
	Primary C-Section	695	70	*	75	18	10	0	*	255	8	93	80	51	0	17	11
	Repeat C-Section	634	55	*	69	37	13	*	*	211	11	107	52	57	0	*	14
	Forceps	24	*	0	*	*	0	0	0	*	0	12	*	0	0	0	0
	Vacuum	111	9	0	*	14	*	0	0	31	*	25	19	*	0	*	*

4.21 (continued)
COMPARISON OF SELECTED CHARACTERISTICS^a OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2010

		Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	
Births with medical risk factors	Total	2,409	327	3	222	85	31	1	12	882	4	360	282	163	1	24	12	
	Anemia	346	48	0	14	13	6	0	0	189	0	32	13	30	0	*	0	
	Cardiac disease	9	*	0	0	*	0	0	0	*	0	*	0	*	0	0	0	0
	Lung disease	65	7	0	*	0	0	0	*	27	0	9	*	17	0	0	0	0
	Diabetes	453	54	0	63	10	*	*	*	147	*	86	39	45	0	*	*	*
	Genital herpes	42	0	0	*	0	0	0	*	20	0	*	9	7	0	0	0	0
	Hydramnios	113	16	0	18	*	0	0	0	42	0	12	19	*	*	0	0	0
	Hemoglobinopathy	*	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
	Chronic hypertension	89	10	0	10	*	*	0	0	26	*	14	10	*	0	*	*	*
	Pregnancy associated hypertension	356	56	*	45	16	*	0	0	125	*	50	28	29	0	*	*	*
	Eclampsia	94	*	0	6	*	*	0	*	20	0	11	38	*	0	*	*	0
	Previous infant 4000+g	38	8	0	7	*	0	0	0	16	0	*	*	0	0	0	0	0
	Previous SGA infant	39	12	0	*	*	0	0	*	10	0	8	*	*	0	*	*	0
	Renal disease	12	*	0	*	0	0	0	0	0	0	*	0	*	0	0	0	0
	RH sensitization	*	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Uterine bleeding	32	6	0	*	0	0	0	0	6	0	9	*	*	0	0	0	0
Incompetent cervix	*	0	0	*	0	0	0	0	*	0	0	0	*	0	0	0	0	
Other	1,511	163	*	96	57	21	0	11	624	*	205	209	94	0	22	6	6	
Abnormal conditions of the newborn	Total	413	40	3	26	18	15	0	4	92	1	103	32	60	0	8	11	
	Anemia	*	0	0	*	0	0	0	0	*	0	*	0	0	0	*	0	
	Birth injury	*	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Fetal Alcohol Syndrome	*	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	
	Membrane disease	10	0	0	*	0	0	0	0	*	0	*	*	*	0	0	0	
	Meconium aspiration	16	*	0	*	*	0	0	0	*	0	*	*	*	0	0	0	
	Assisted vent.<30 min	31	*	*	*	*	0	0	*	*	0	*	7	0	0	0	*	
	Assisted vent.>30 min.	23	*	0	*	0	0	0	0	*	0	7	0	*	0	0	*	
	Newborn seizures	11	*	0	*	*	0	0	0	0	0	*	0	*	0	0	0	*
	Other	351	28	*	19	13	15	0	*	82	*	88	31	57	0	7	6	6
Births with congenital anomalies	Total	37	4	0	4	4	0	0	0	3	2	7	10	2	0	0	1	
	Anencephalus	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	Spina bifida/meningocele	*	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	
	Hydrocephalus	*	0	0	0	0	0	0	0	0	*	0	*	*	0	0	0	
	Microcephalus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Other CNS anomaly	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Heart malformations	7	*	0	*	*	0	0	0	*	0	*	0	*	0	0	0	
	Other respiratory/circulatory	*	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	
Rectal atresia/stenosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

4.21 (continued)
COMPARISON OF SELECTED CHARACTERISTICS^a OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2010

	Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Tracheo-esophageal fistula/esophageal atresia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Omphalocele/gastroschisis	*	0	0	*	0	0	0	0	0	0	*	*	*	0	0	0
Other gastrointestinal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malformed genitalia	*	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0
Renal agenesis	*	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0
Other urogenital	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cleft lip/palate	7	*	0	*	*	0	0	0	*	0	0	*	0	0	0	0
Polydactyly/syndactyly/adactyly	*	*	0	0	0	0	0	0	0	0	*	0	0	0	0	0
Club foot	*	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
Diaphragmatic hernia	*	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
Other muscoskeletal	*	0	0	0	0	0	0	0	0	*	*	0	0	0	0	0
Down's syndrome	*	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0
Other chromosomal	6	0	0	0	*	0	0	0	0	0	0	*	0	0	0	0
Other	*	0	0	0	*	0	0	0	0	0	*	0	0	0	0	0
Births with complications	1,626	232	6	185	76	30	0	6	499	6	282	162	99	0	21	22
Febrile	96	11	0	24	0	0	0	*	39	0	11	*	9	0	0	0
Meconium	227	26	0	28	14	*	0	*	85	0	19	29	14	0	*	*
Rupture of membrane	176	53	0	18	*	*	0	0	42	0	30	14	9	0	0	*
Abruptio placenta	31	8	0	*	0	0	0	0	*	0	7	*	*	0	0	*
Placenta previa	20	*	0	*	0	0	0	0	7	0	*	*	*	0	0	0
Other bleeding	56	11	0	17	*	0	0	0	8	0	17	*	*	0	0	0
Seizures	*	0	0	0	0	0	0	0	*	0	*	0	*	0	0	0
Precipitous labor	99	21	*	16	*	*	0	*	30	*	14	*	*	0	0	0
Prolonged labor	83	18	0	17	7	*	0	*	18	0	10	*	7	0	*	0
Dysfunctional labor	151	33	0	34	0	0	0	0	44	0	23	*	*	0	9	0
Breech malpresentation	151	23	0	15	11	*	0	*	38	*	26	19	7	0	0	*
Cephalopelvic disproportion.	20	*	0	6	0	0	0	0	8	0	*	0	*	0	0	0
Cord prolapse	9	*	0	*	0	0	0	0	0	0	0	0	*	0	0	*
Anesthetic complications	*	0	0	*	0	0	0	0	*	0	0	0	0	0	0	0
Fetal distress	254	22	0	22	7	*	0	0	121	*	26	10	30	0	*	9
Other	696	63	*	55	38	23	0	*	199	*	152	99	38	0	11	7
Infant mortality^c	47	10[†]	0	10[†]	0[†]	0[†]	0	0	10[†]	0[†]	10[†]	10[†]	0[†]	0	0[†]	0[†]
Neonatal	22	*	0	6	*	*	0	0	*	*	*	*	0	0	0	*
Postneonatal	25	*	0	*	*	0	0	0	*	0	*	6	*	0	*	0

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 Obstetric procedures, method of delivery, births with medical risk factors, abnormal conditions of the newborn, births with congenital anomalies, and births with complications may not sum to their respective totals as each birth may be associated with multiple occurrences of each of these indicators; ^b 'Refused', 'Yes, divorced', 'Unknown'; ^c Total infant mortality includes unknown county of residence.