



Newborn's Health

**4.16
GESTATIONAL AGE (2006 STATUS)**

		TOTAL BIRTHS	Length of gestation			
			<37 weeks	37-41 weeks	42+ weeks	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,364	745	5,541	72	6
Resided on reservation	Cocopah Tribe	7	0	7	0	0
	Colorado River Indian Tribes	48	8	39	0	1
	Fort McDowell Yavapai Nation	25	1	24	0	0
	Fort Mojave Indian Tribe	10	1	9	0	0
	Fort Yuma Quechan Tribe	15	2	13	0	0
	Gila River Indian Community	244	42	200	2	0
	Havasupai Tribe	8	1	7	0	0
	Hopi Tribe	143	10	129	4	0
	Hualapai Nation	31	1	29	1	0
	Kaibab-Paiute Tribe	1	0	1	0	0
	Navajo Nation	2,263	209	2,011	40	3
	Pascua Yaqui Tribe	205	38	166	1	0
	Salt River Pima-Maricopa Community	89	6	82	1	0
	San Carlos Apache Tribe	214	36	177	1	0
	Tohono O'Odham Tribe	392	49	341	1	1
	White Mountain Apache	355	43	309	3	0
	Yavapai-Apache Nation	11	0	10	1	0
	Yavapai-Prescott Indian Tribe	2	0	2	0	0
	TOTAL	4,063	447	3,556	55	5
Resided off reservation	---in Maricopa County	1,736	222	1,499	14	1
	---in Pima County	140	12	128	0	0
	---in Coconino County	40	9	31	0	0
	---elsewhere in Arizona	385	55	327	3	0
	TOTAL	2,301	298	1,985	17	1

4.17
WEIGHT AT BIRTH (2006 STATUS)

		TOTAL BIRTHS	Weight at birth					Un-known
			<1,000 grams	1,000-1,499	1,500-2,499	2,500-3,999	4000+	
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,364	26	47	400	5,335	554	2
Resided on reservation	Cocopah Tribe	7	0	0	0	5	2	0
	Colorado River Indian Tribes	48	0	0	3	40	5	0
	Fort McDowell Yavapai Nation	25	0	0	0	20	5	0
	Fort Mojave Indian Tribe	10	0	0	0	10	0	0
	Fort Yuma Quechan Tribe	15	0	0	0	11	4	0
	Gila River Indian Community	244	0	1	21	201	21	0
	Havasupai Tribe	8	0	1	0	5	2	0
	Hopi Tribe	143	0	1	12	120	10	0
	Hualapai Nation	31	0	0	0	28	3	0
	Kaibab-Paiute Tribe	1	0	0	0	1	0	0
	Navajo Nation	2,263	6	19	116	1,975	146	1
	Pascua Yaqui Tribe	205	4	2	18	167	14	0
	Salt River Pima-Maricopa Community	89	0	0	4	76	9	0
	San Carlos Apache Tribe	214	2	1	16	175	20	0
	Tohono O'Odham Tribe	392	2	3	26	317	44	0
	White Mountain Apache	355	0	3	27	298	27	0
	Yavapai-Apache Nation	11	0	0	0	11	0	0
	Yavapai-Prescott Indian Tribe	2	0	0	0	2	0	0
	TOTAL	4,063	14	31	243	3,462	312	1
Resided off reservation	---in Maricopa County	1,736	9	11	121	1,411	184	0
	---in Pima County	140	0	0	6	118	16	0
	---in Coconino County	40	0	0	7	28	4	1
	---elsewhere in Arizona	385	3	5	23	316	38	0
	TOTAL	2,301	12	16	157	1,873	242	1

4.18

ABNORMAL CONDITIONS OF THE NEWBORN (2006 STATUS)

	TOTAL BIRTHS	Births with abnormal conditions of the newborn	Abnormal conditions								
			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	6,364	381	4	20	4	16	15	50	47	10	291
Resided on reservation											
Cocopah Tribe	7	0	0	0	0	0	0	0	0	0	0
Colorado River Indian Tribes	48	8	0	0	0	0	0	5	0	0	5
Fort McDowell Yavapai Nation	25	1	0	0	0	0	0	0	0	0	1
Fort Mojave Indian Tribe	10	0	0	0	0	0	0	0	0	0	0
Fort Yuma Quechan Tribe	15	0	0	0	0	0	0	0	0	0	0
Gila River Indian Community	244	11	0	0	0	0	0	1	0	2	8
Havasupai Tribe	8	0	0	0	0	0	0	0	0	0	0
Hopi Tribe	143	4	1	0	0	0	0	0	0	1	2
Hualapai Nation	31	0	0	0	0	0	0	0	0	0	0
Kaibab-Paiute Tribe	1	0	0	0	0	0	0	0	0	0	0
Navajo Nation	2,263	111	1	5	2	5	10	25	23	2	61
Pascua Yaqui Tribe	205	8	0	0	0	0	0	1	0	1	7
Salt River Pima-Maricopa Community	89	2	0	0	0	0	0	0	0	0	2
San Carlos Apache Tribe	214	33	1	0	1	0	0	0	2	0	31
Tohono O'Odham Tribe	392	15	0	0	0	1	2	2	0	0	13
White Mountain Apache	355	51	1	14	1	1	0	2	10	0	44
Yavapai-Apache Nation	11	1	0	0	0	0	0	0	0	0	1
Yavapai-Prescott Indian Tribe	2	0	0	0	0	0	0	0	0	0	0
TOTAL	4,063	245	4	19	4	7	12	36	35	6	175
Resided off reservation											
---in Maricopa County	1,736	63	0	0	0	8	3	4	5	0	53
---in Pima County	140	16	0	0	0	0	0	5	0	2	14
---in Coconino County	40	1	0	0	0	0	0	0	0	0	1
---elsewhere in Arizona	385	56	0	1	0	1	0	5	7	2	48
TOTAL	2,301	136	0	1	0	9	3	14	12	4	116

4.20

CAUSES OF INFANT DEATHS AMONG AMERICAN INDIAN RESIDENTS, ARIZONA, 2006

	TOTAL STATE	Resided on reservation							Resided off reservation				
		Gila River Indian Community	Navajo Nation	Pascua Yaqui Tribe	San Carlos Apache Tribe	Tohono O'Odham Tribe	White Mountain Apache Tribe	Total	---in Maricopa County	---in Pima County	---in Coconino County	---elsewhere in Arizona	Total
Total, all causes	41	1	8	4	3	2	4	22	10	2	3	4	19
Certain conditions originating in the perinatal period	20	0	2	3	3	1	1	10	5	0	2	3	10
Maternal complications	2	0	0	0	1	0	0	1	1	0	0	0	1
Complications of placenta, cord and membrane	1	0	0	1	0	0	0	1	0	0	0	0	0
Short gestation and low birth weight	7	0	1	0	0	0	0	1	3	0	1	2	6
Bacterial sepsis of newborn	4	0	0	1	1	0	1	3	0	0	1	0	1
Congenital malformations	9	0	3	0	0	0	2	5	2	1	1	0	4
of heart	1	0	0	0	0	0	1	1	0	0	0	0	0
of brain, spinal cord or nervous system	2	0	0	0	0	0	0	0	1	1	0	0	2
of respiratory system	1	0	0	0	0	0	0	0	0	0	1	0	1
Sudden infant death syndrome	2	0	0	0	0	1	0	1	1	0	0	0	1
Accident (unintentional injury)	1	0	0	0	0	0	0	0	0	0	0	1	1
Diseases of the circulatory system	1	0	1	0	0	0	0	1	0	0	0	0	0
Diseases of the nervous system	1	0	0	0	0	0	0	0	1	0	0	0	1
Assault (homicide)	1	0	1	0	0	0	0	1	0	0	0	0	0
Septicemia	1	0	1	0	0	0	0	1	0	0	0	0	0
Other ill-defined and unspecified causes of mortality	4	1	0	1	0	0	0	2	1	1	0	0	2

4.21

COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY COUNTY OF RESIDENCE, ARIZONA, 2006

		TOTAL STATE	APACHE	COCHISE	COCONINO	GILA	GRAHAM	GREENLEE	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	SANTA CRUZ	YAVAPAI	YUMA	LA PAZ	Unknown
Total births		6,364	950	11	851	195	65	1	1,990	76	1,071	600	421	1	41	41	48	2
Mother's age group	<15	19	1	0	2	2	1	0	6	0	2	3	2	0	0	0	0	0
	15-17	430	50	0	51	24	3	0	117	7	82	57	30	0	3	1	4	1
	18-19	767	111	0	101	33	9	0	231	9	124	79	55	1	6	5	3	0
	20-24	2,075	287	4	255	65	22	0	640	26	359	210	159	0	13	16	19	0
	25-29	1,569	216	4	219	37	19	1	566	25	231	127	88	0	10	13	13	0
	30-34	922	153	2	141	20	7	0	286	6	155	86	48	0	7	6	4	1
	35-39	456	100	1	68	10	3	0	115	3	89	30	32	0	1	0	4	0
	40-44	124	32	0	13	4	1	0	28	0	29	8	7	0	1	0	1	0
	45+	2	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Payee for births	AHCCCS	3,528	420	5	435	52	6	1	1,235	52	591	389	259	1	30	26	26	0
	IHS	1,717	409	1	347	136	50	0	224	4	399	98	41	0	2	2	4	0
	Private insurance	905	14	5	63	7	6	0	501	15	46	100	111	0	8	12	17	0
	Self	60	5	0	0	0	0	0	23	3	6	11	10	0	1	1	0	0
	Unknown	154	102	0	6	0	3	0	7	2	29	2	0	0	0	0	1	2
Mother's education	< 8	51	6	0	5	3	1	0	19	0	3	7	7	0	0	0	0	0
	8	169	8	0	8	9	1	0	65	4	21	24	27	0	0	1	1	0
	9-11	1,793	219	2	201	74	18	0	509	24	326	206	178	0	14	10	11	1
	12	2,366	355	5	349	71	37	1	650	37	441	221	141	1	15	20	22	0
	13-16	1,745	313	4	253	33	8	0	651	8	257	126	63	0	11	8	9	1
	17+	167	41	0	28	2	0	0	60	1	17	12	4	0	0	2	0	0
	Unknown	73	8	0	7	3	0	0	36	2	6	4	1	0	1	0	5	0
Marital status	Married	1,542	207	6	233	40	17	0	542	17	246	120	77	0	14	15	8	0
	Unmarried	4,760	738	5	612	154	48	1	1,420	58	813	474	343	1	26	25	40	2
	Other*	62	5	0	6	1	0	0	28	1	12	6	1	0	1	1	0	0
Weight gain	None	108	11	1	8	3	1	0	43	0	16	13	12	0	0	0	0	0
	1-15 pounds	1,096	212	0	146	38	9	0	248	7	251	96	72	0	3	1	12	1
	16-20 pounds	923	134	1	108	39	8	1	296	9	168	91	56	1	4	0	7	0
	21-24 pounds	513	121	0	64	9	4	0	173	4	83	35	15	0	2	2	1	0
	25-30 pounds	1,414	169	3	188	40	17	0	451	16	215	137	139	0	7	25	7	0
	31+ pounds	2,193	265	6	323	62	26	0	761	40	306	226	123	0	24	13	17	1
	Unknown	117	38	0	14	4	0	0	18	0	32	2	4	0	1	0	4	0
Substance use	Drinker, nonsmoker	57	8	0	8	4	0	0	10	0	18	7	2	0	0	0	0	0
	Smoker, nondrinker	165	10	2	11	6	0	0	63	13	21	19	15	0	2	2	1	0
	Smoker and drinker	61	7	0	6	5	1	0	18	0	11	4	8	0	1	0	0	0
	Nonsmoker and nondrinker	6,081	925	9	826	180	64	1	1,899	63	1,021	570	396	1	38	39	47	2

4.21

**COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2006**

		TOTAL STATE	APACHE	COCHISE	COCONINO	GILA	GRAHAM	GREENLEE	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	SANTA CRUZ	YAVAPAI	YUMA	LA PAZ	Unknown
Length of gestation	<37 weeks	745	89	3	78	31	11	0	251	12	115	77	63	0	3	4	8	0
	37-41 weeks	5,541	845	8	756	163	54	1	1,722	63	938	521	355	1	36	37	39	2
	42+ weeks	72	15	0	17	1	0	0	16	1	16	1	3	0	2	0	0	0
	Unknown	6	1	0	0	0	0	0	1	0	2	1	0	0	0	0	1	0
Weight at birth	<1,000 grams	26	2	0	2	0	2	0	11	0	3	4	1	0	1	0	0	0
	1,000-1,499	47	9	0	6	2	0	0	14	0	11	2	2	0	0	1	0	0
	1,500-2,499	400	49	2	42	15	4	0	131	4	77	44	26	0	2	1	3	0
	2,500-3,999	5,335	819	7	744	161	52	1	1,618	64	913	493	354	0	36	31	40	2
	4000+	554	70	2	56	17	7	0	216	8	67	57	38	1	2	8	5	0
	Unknown	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Prenatal care	No care	223	25	1	13	11	4	0	75	3	33	22	32	0	1	1	2	0
	1st trimester	4,196	552	8	593	113	40	1	1,423	54	622	409	303	1	24	19	34	0
	2nd trimester	1,489	277	2	204	52	19	0	379	13	319	129	58	0	10	17	9	1
	3rd trimester	445	93	0	37	19	2	0	111	6	96	39	28	0	6	4	3	1
	Unknown	11	3	0	4	0	0	0	2	0	1	1	0	0	0	0	0	0
Prenatal visits	No visits	223	25	1	13	11	4	0	75	3	33	22	32	0	1	1	2	0
	1-4 visits	619	118	0	70	30	19	0	158	4	136	44	28	0	4	2	6	0
	5-8 visits	1,658	256	4	202	56	26	1	451	15	388	142	75	1	10	11	19	1
	9-12 visits	2,685	371	2	375	75	14	0	949	42	385	243	180	0	16	19	13	1
	13+ visits	1,165	179	4	188	23	2	0	352	11	127	148	106	0	9	8	8	0
	Unknown	14	1	0	3	0	0	0	5	1	2	1	0	0	1	0	0	0
Newborn intensive care	Yes	308	30	1	54	13	4	0	105	1	58	16	18	0	3	5	0	0
	No	5,987	877	10	790	182	61	1	1,884	73	1,000	583	403	1	38	36	48	0
	Unknown	69	43	0	7	0	0	0	1	2	13	1	0	0	0	0	0	2
Obstetric procedures	Amniocentesis	43	6	0	6	0	1	0	19	0	6	1	3	0	1	0	0	0
	Electronic Fetal Monitoring	5,899	856	7	824	172	16	0	1,907	65	920	589	414	1	40	41	45	2
	Induction of labor	961	139	2	186	48	0	0	336	15	169	24	30	0	6	5	1	0
	Stimulation of labor	1,158	140	0	195	38	1	0	508	8	191	40	26	0	5	0	5	1
	Tocolysis	43	9	0	7	0	0	0	8	1	16	0	2	0	0	0	0	0
	Ultrasound	3,469	529	10	310	62	54	1	824	21	624	565	373	1	32	41	22	0
	Other	564	37	1	21	8	45	1	269	2	155	15	8	0	1	0	1	0
Method of delivery	Vaginal	4,847	743	9	670	140	44	0	1,460	50	849	493	302	1	25	21	38	2
	Vaginal after C-Section	94	33	0	15	0	3	0	19	0	14	7	3	0	0	0	0	0
	Primary C-Section	794	108	1	93	26	12	1	294	14	108	45	61	0	10	13	8	0
	Repeat C-Section	629	66	1	73	29	6	0	217	12	100	55	55	0	6	7	2	0
	Forceps	33	5	0	8	2	0	0	9	0	7	2	0	0	0	0	0	0
	Vacuum	106	7	0	9	16	5	0	34	3	21	8	2	0	0	1	0	0

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COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2006

	TOTAL STATE	APACHE	COCHISE	COCONINO	GILA	GRAHAM	GREENLEE	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	SANTA CRUZ	YAVAPAI	YUMA	LA PAZ	Unknown
Tracheo-esophageal fistula/esophageal atresia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Omphalocele/gastroschisis	3	2	0	0	0	0	0	1	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	0
Malformed genitalia	3	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0
Renal agenesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other urogenital	4	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
Cleft lip/palate	7	0	0	0	0	0	0	4	0	2	0	1	0	0	0	0	0
Polydactyly/syndactyly/adactyly	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
Club foot	2	1	0	1	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	0	0	0
Other muscoskeletal	4	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Down's syndrome	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Other chromosomal	6	1	0	0	0	0	0	0	0	3	1	1	0	0	0	0	0
Other	45	6	0	13	3	4	0	6	0	7	2	3	0	1	0	0	0
Births with complications	Total	1,954	301	1	231	60	29	1	698	5	350	157	80	0	18	19	4
	Febrile	107	25	0	10	0	0	0	40	0	20	3	9	0	0	0	0
	Meconium	284	50	0	24	9	0	0	93	0	51	37	13	0	1	5	1
	Rupture of membrane	234	60	0	21	3	1	0	72	0	51	19	4	0	1	2	0
	Abruptio placenta	32	3	0	2	1	0	0	9	1	7	6	2	0	1	0	0
	Placenta previa	9	0	0	2	0	0	0	4	0	1	2	0	0	0	0	0
	Other bleeding	80	16	0	11	5	1	0	29	0	16	0	2	0	0	0	0
	Seizures	3	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0
	Precipitous labor	75	19	0	14	8	1	0	19	0	9	1	4	0	0	0	0
	Prolonged labor	100	21	0	17	3	1	0	30	0	21	6	1	0	0	0	0
	Dysfunctional labor	157	32	0	33	2	0	0	39	1	46	2	2	0	0	0	0
	Breech malpresentation	201	25	0	30	5	1	0	71	2	43	5	14	0	2	1	2
	Cephalopelvic disproportion.	45	6	0	3	1	3	1	13	1	16	1	0	0	0	0	0
	Cord prolapse	9	2	0	3	0	0	0	1	0	1	1	1	0	0	0	0
	Anesthetic complications	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	Fetal distress	220	46	0	19	9	3	0	44	1	65	21	8	0	2	2	0
	Other	1,015	82	1	103	34	25	0	436	3	178	84	40	0	16	12	1
Infant mortality	Total	41	4	0	4	1	2	0	13	0	9	5	3	0	0	0	0
	Neonatal	26	3	0	3	1	2	0	9	0	4	2	2	0	0	0	0
	Postneonatal	15	1	0	1	0	0	0	4	0	5	3	1	0	0	0	0

*'Refused', 'Yes, divorced', 'Unknown'