



## **NEWBORN'S HEALTH**

**4.16  
GESTATIONAL AGE (2021 STATUS)**

		TOTAL BIRTHS	Length of gestation			
			<37 weeks	37-41 weeks	42+ weeks	Unknown
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		3,910†	490†	3,400†	10†	10†
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	20†	*	14	0	0
	<b>Cocopah Tribe</b>	10†	*	*	0	0
	<b>Colorado River Indian Tribe</b>	20†	*	12	0	0
	<b>Fort McDowell Yavapai Nation Reservation</b>	10†	*	7	0	0
	<b>Fort Mohave Indian Tribe</b>	0†	0	*	0	0
	<b>Gila River Indian Community</b>	190†	20	163	*	*
	<b>Havasupai Tribe</b>	20†	*	18	0	0
	<b>Hopi Tribe</b>	50†	*	49	0	0
	<b>Hualapai Tribe</b>	20†	*	21	0	0
	<b>Kaibab Indian Reservation</b>	0†	0	*	0	0
	<b>Navajo Nation</b>	910†	114	793	*	*
	<b>Pascua Yaqui Tribe</b>	30†	*	24	0	0
	<b>Salt River Pima-Maricopa Indian Community</b>	72	8	63	0	*
	<b>San Carlos Apache Tribe</b>	183	24	158	0	*
	<b>Tohono O'Odham Nation</b>	90	8	81	0	*
	<b>White Mountain Apache Tribe</b>	187	26	161	0	0
	<b>Yavapai-Apache Nation</b>	10†	*	6	*	0
	<b>Yavapai-Prescott Indian Tribe</b>	0†	0	*	0	0
	<b>TOTAL</b>	1,120†	230†	1,580†	10†	10†
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	1,120†	139	979	*	*
	<b>---in Pima County</b>	210†	27	181	*	0
	<b>---in Coconino County</b>	238	28	210	0	0
	<b>---elsewhere in Arizona</b>	512	63	449	0	0
	<b>TOTAL</b>	2,080†	257	1,819	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.

**4.17**  
**WEIGHT AT BIRTH (2021 STATUS)**

		TOTAL BIRTHS	Weight at birth				
			<1,000 grams	1,000-1,499	1,500-2,499	2,500-3,999	4000+
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		3,910†	20†	30†	260†	3,230†	370†
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	20†	0	0	*	14	*
	<b>Cocopah Tribe</b>	10†	0	0	*	*	0
	<b>Colorado River Indian Tribe</b>	20†	0	0	*	16	0
	<b>Fort McDowell Yavapai Nation Reservation</b>	10†	0	*	0	8	0
	<b>Fort Mohave Indian Tribe</b>	0†	0	0	0	*	0
	<b>Gila River Indian Community</b>	190†	*	*	10	151	21
	<b>Havasupai Tribe</b>	20†	0	*	*	17	*
	<b>Hopi Tribe</b>	50†	0	*	7	44	*
	<b>Hualapai Tribe</b>	20†	0	0	*	20	0
	<b>Kaibab Indian Reservation</b>	0†	0	0	0	*	0
	<b>Navajo Nation</b>	910†	*	7	61	769	73
	<b>Pascua Yaqui Tribe</b>	30†	0	*	*	24	*
	<b>Salt River Pima-Maricopa Indian Community</b>	72	0	0	6	57	9
	<b>San Carlos Apache Tribe</b>	180†	*	*	*	164	9
	<b>Tohono O'Odham Nation</b>	90†	*	0	*	77	8
	<b>White Mountain Apache Tribe</b>	190†	*	*	13	159	11
	<b>Yavapai-Apache Nation</b>	10†	0	0	*	9	*
<b>Yavapai-Prescott Indian Tribe</b>	0†	0	0	0	*	0	
<b>TOTAL</b>	1,820†	10†	20†	120†	1,540†	140†	
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	1,120†	*	8	74	894	143
	<b>---in Pima County</b>	210†	*	*	18	169	19
	<b>---in Coconino County</b>	240†	0	*	16	202	19
	<b>---elsewhere in Arizona</b>	510†	*	*	32	421	52
	<b>TOTAL</b>	2,082	10†	20†	140	1,686	233

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 (2021 STATUS)**

		TOTAL BIRTHS	Births with abnormal conditions of the newborn	Abnormal conditions <sup>a</sup>					
				Assisted ventilation immediately after delivery	Assisted ventilation for more than 6 hours	Surfactant replacement therapy	Suspected neonatal sepsis	Seizure or serious neurologic dysfunction	Significant birth injury
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		3,910†	238	170†	110†	20†	90†	0†	10†
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	17	*	*	0	0	*	0	0
	<b>Cocopah Tribe</b>	6	*	0	0	0	*	0	0
	<b>Colorado River Indian Tribe</b>	17	0	0	0	0	0	0	0
	<b>Fort McDowell Yavapai Nation Reservation</b>	9	*	*	0	0	0	0	0
	<b>Fort Mohave Indian Tribe</b>	*	0	0	0	0	0	0	0
	<b>Gila River Indian Community</b>	185	14	11	8	*	8	0	0
	<b>Havasupai Tribe</b>	21	*	*	0	0	0	0	0
	<b>Hopi Tribe</b>	54	*	*	*	*	0	0	0
	<b>Hualapai Tribe</b>	23	*	*	0	0	0	0	0
	<b>Kaibab Indian Reservation</b>	*	0	0	0	0	0	0	0
	<b>Navajo Nation</b>	913	58	35	25	*	18	*	*
	<b>Pascua Yaqui Tribe</b>	27	*	*	*	0	*	0	0
	<b>Salt River Pima-Maricopa Indian Community</b>	72	*	0	0	0	*	0	0
	<b>San Carlos Apache Tribe</b>	183	16	13	8	*	*	0	*
	<b>Tohono O'Odham Nation</b>	90	*	*	*	*	*	0	*
	<b>White Mountain Apache Tribe</b>	187	16	14	6	0	6	0	0
	<b>Yavapai-Apache Nation</b>	11	*	*	*	0	0	0	0
	<b>Yavapai-Prescott Indian Tribe</b>	*	*	*	*	0	*	0	0
	<b>TOTAL</b>	1,120†	130†	90†	60†	10†	50†	0†	0†
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	209	67	47	33	7	32	*	*
	<b>---in Pima County</b>	238	10	8	*	*	*	0	0
	<b>---in Coconino County</b>	512	9	7	*	0	*	0	*
	<b>---elsewhere in Arizona</b>	1,824	26	19	14	*	*	0	0
		<b>TOTAL</b>	2,082	112	81	50†	10†	40†	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; <sup>a</sup> 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 (2021 STATUS)**

	TOTAL BIRTHS	Births with congenital anomalies	Congenital anomalies of the newborn <sup>a</sup>										
			Anencephalus	Spina bifida / Meningocele	Cyanotic congenital heart disease	Congenital diaphragmatic hernia	Omphalocele / Gastroschisis	Limb reduction defect	Cleft lip / palate	Down syndrome	Suspected chromosomal disorder	Hypospadias	Unknown congenital anomalies
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>	3,906	22	0	0†	10†	0	0†	0†	10†	0†	0†	0	10†
<b>Resided on reservation</b>													
Ak-Chin Indian Community	17	0	0	0	0	0	0	0	0	0	0	0	0
Cocopah Tribe	6	0	0	0	0	0	0	0	0	0	0	0	0
Colorado River Indian Tribe	17	0	0	0	0	0	0	0	0	0	0	0	0
Fort McDowell Yavapai Nation Reservation	9	0	0	0	0	0	0	0	0	0	0	0	0
Fort Mohave Indian Tribe	*	0	0	0	0	0	0	0	0	0	0	0	0
Gila River Indian Community	185	0	0	0	0	0	0	0	0	0	0	0	0
Havasupai Tribe	21	*	0	0	0	0	0	0	0	0	0	0	*
Hopi Tribe	54	*	0	0	*	0	0	0	*	0	0	0	0
Hualapai Tribe	23	*	0	0	0	0	0	0	*	0	0	0	0
Kaibab Indian Reservation	*	0	0	0	0	0	0	0	0	0	0	0	0
Navajo Nation	913	*	0	0	*	0	0	*	*	0	0	0	*
Pascua Yaqui Tribe	27	0	0	0	0	0	0	0	0	0	0	0	0
Salt River Pima-Maricopa Indian Community	72	0	0	0	0	0	0	0	0	0	0	0	0
San Carlos Apache Tribe	183	*	0	0	0	0	0	0	0	0	0	0	*
Tohono O'Odham Nation	90	*	0	0	0	0	*	0	0	0	0	0	0
White Mountain Apache Tribe	187	*	0	0	*	0	0	0	0	0	0	0	*
Yavapai-Apache Nation	11	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
<b>TOTAL</b>	<b>1,820†</b>	<b>10†</b>	<b>0</b>	<b>0</b>	<b>0†</b>	<b>0</b>	<b>0†</b>	<b>0†</b>	<b>0†</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0†</b>
<b>Resided off reservation</b>													
---in Maricopa County	1,123	6	0	*	0	0	0	*	0	*	*	0	0
---in Pima County	209	*	0	0	0	0	0	0	0	0	*	0	0
---in Coconino County	238	0	0	0	0	0	0	0	0	0	0	0	0
---elsewhere in Arizona	512	*	0	0	*	0	0	*	0	0	0	0	*
<b>TOTAL</b>	<b>2,082</b>	<b>10†</b>	<b>0</b>	<b>0†</b>	<b>0†</b>	<b>0</b>	<b>0†</b>	<b>0†</b>	<b>0†</b>	<b>0†</b>	<b>0†</b>	<b>0</b>	<b>0†</b>

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; <sup>a</sup> 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, 2021

	TOTAL STATE	Resided on reservation							Resided off reservation				
		Fort McDowell Yavapai Nation Reservation	Navajo Nation	Pascua Yaqui Tribe	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
<b>Total, all causes</b>	22	0†	0†	0†	0†	0†	0†	10†	10†	0†	0†	0†	10†
<b>Certain conditions originating in the perinatal period</b>	10†	0	*	0	0	*	*	0†	*	*	*	*	10†
<b>Maternal complications</b>	0†	0	0	0	0	0	0	0	0	0	*	0	0†
<b>Complications of placenta, cord and membrane</b>	0†	0	0	0	0	0	0	0	0	0	0	*	0†
<b>Short gestation and low birth weight</b>	0†	0	*	0	0	0	0	0†	0	0	0	0	0
<b>Bacterial sepsis of newborn</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital malformations</b>	0†	0	0	*	0	0	0	0†	*	*	0	*	0†
<b>of heart</b>	0†	0	0	*	0	0	0	0†	0	0	0	0	0
<b>of brain, spinal cord or nervous system</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Sudden infant death syndrome</b>	0†	0	0	0	0	0	0	0	0	0	0	*	0†
<b>Accidents (unintentional injury)</b>	0†	0	*	0	0	0	0	0†	*	0	0	0	0†
<b>Influenza and pneumonia</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Diseases of the digestive system</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Infectious and parasitic diseases</b>	0†	*	0	0	*	0	0	0†	0	0	0	0	0
<b>Diseases of the nervous system</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Mechanical suffocation</b>	0†	0	*	0	0	0	0	0†	*	0	0	0	0†

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4.21

COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY COUNTY OF RESIDENCE, ARIZONA, 2021

		Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
<b>Total births</b>		3,906	560†	10†	460†	140†	80†	10†	30†	1,250†	60†	580†	330†	310†	0†	50†	40†	0†
<b>Mother's age group</b>	<b>&lt;15</b>	10†	*	0	0	0	0	0	0	*	*	*	0	*	0	0	0	0
	<b>15-17</b>	110†	18	0	12	7	*	0	*	18	*	22	9	15	0	*	*	0
	<b>18-19</b>	230†	28	*	30	6	11	*	*	55	7	37	20	24	0	*	*	0
	<b>20-24</b>	960†	128	*	115	39	23	*	7	325	18	116	73	79	0	18	13	*
	<b>25-29</b>	1,130†	169	*	120	42	19	6	11	362	12	172	98	90	*	9	13	0
	<b>30-34</b>	930†	125	*	110	33	19	*	*	311	15	138	80	71	0	13	*	0
	<b>35-39</b>	450†	68	0	61	9	*	*	*	147	*	71	41	24	0	8	6	*
	<b>40-44</b>	90†	16	0	13	*	0	0	0	29	*	21	*	*	0	*	0	0
	<b>45+</b>	10†	*	0	0	0	0	0	0	*	0	0	0	0	0	0	0	*
<b>Unknown</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Payee for births</b>	<b>AHCCCS</b>	2,560†	487	*	348	17	27	*	25	710	51	504	188	134	0	34	21	*
	<b>IHS</b>	670†	34	0	27	107	39	*	7	244	*	21	69	108	0	*	8	*
	<b>Private insurance</b>	550†	28	*	78	14	8	*	*	239	*	44	55	50	0	16	6	0
	<b>Self-pay</b>	80†	6	0	*	0	0	0	0	37	*	9	*	9	*	*	*	0
	<b>Unknown</b>	50†	*	*	*	0	0	0	0	19	*	0	9	6	*	0	0	*
<b>Mother's education</b>	<b>8th Grade or Less</b>	60†	*	0	*	*	*	0	0	23	*	*	6	15	0	0	*	0
	<b>Some High School</b>	880†	92	*	81	35	16	*	9	257	22	123	103	118	*	8	8	0
	<b>High School / GED</b>	1,460†	185	*	196	55	37	6	16	453	29	232	114	89	0	27	16	*
	<b>Some College</b>	940†	162	*	110	33	17	*	*	309	8	148	57	61	0	9	11	0
	<b>Associate Degree</b>	290†	61	0	44	*	*	0	*	102	*	38	17	14	0	*	*	0
	<b>Bachelor's Degree</b>	190†	35	*	22	*	0	0	*	67	0	27	16	7	*	6	0	0
	<b>Postgraduate Education</b>	80†	16	*	7	*	0	0	0	30	0	*	13	*	0	0	*	0
	<b>Unknown</b>	20†	*	0	0	*	*	0	0	8	0	*	0	*	0	0	0	0
<b>Marital status</b>	<b>Married</b>	760†	84	*	100	30	16	*	8	255	16	108	53	52	*	14	13	0
	<b>Unmarried*</b>	3,110†	472	6	357	108	60	8	25	974	46	463	269	249	0	39	27	*
	<b>Unknown</b>	40†	*	0	*	0	0	0	0	20	*	7	*	6	0	0	0	0
<b>Weight gain</b>	<b>Inadequate</b>	880†	149	*	119	28	14	6	*	257	11	123	85	54	0	10	11	*
	<b>Adequate</b>	1,040†	163	*	119	44	19	*	9	348	15	150	79	74	*	8	7	0
	<b>Excessive</b>	1,930†	239	*	219	65	42	*	19	626	37	291	151	177	*	34	21	0
	<b>Unknown</b>	60†	7	0	*	*	*	*	*	18	0	14	11	*	0	*	*	0
<b>Substance use</b>	<b>Non Smoker</b>	3,580†	412	9	442	128	72	11	30	1,192	59	537	305	287	*	52	38	*
	<b>Light Smoker</b>	110†	*	0	7	6	*	0	0	42	*	13	14	13	0	*	*	0
	<b>Heavy Smoker</b>	30†	0	0	0	*	*	0	0	10	0	*	*	*	0	0	0	0
	<b>Unknown</b>	190†	142	0	12	*	*	0	0	*	*	26	*	*	0	0	0	0
<b>Length of gestation</b>	<b>&lt;37 weeks</b>	490†	65	*	61	21	7	*	*	157	7	75	38	33	0	9	*	0
	<b>37-41 weeks</b>	3,400†	491	7	399	117	68	9	28	1,086	56	500	286	272	*	43	37	*
	<b>42+ weeks</b>	10†	*	0	0	0	0	0	0	*	0	*	*	*	0	*	0	0
	<b>Unknown</b>	10†	*	0	*	0	*	0	0	*	0	*	*	*	0	0	0	0

4.21 (continued)

COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY COUNTY OF RESIDENCE, ARIZONA, 2021

	Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown	
<b>Weight at birth</b>	<1,000 grams	20†	*	0	*	*	0	0	0	*	0	*	*	*	0	0	0	0
	1,000-1,499	30†	6	0	*	*	0	0	0	10	0	*	*	*	0	*	*	0
	1,500-2,499	260†	33	*	33	*	*	0	*	84	*	48	22	16	0	*	*	0
	2,500-3,999	3,230†	467	7	385	122	67	10	29	996	55	489	270	257	0	45	28	*
	4000+	370†	51	0	39	6	7	*	*	155	*	31	28	31	*	*	9	*
	Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Prenatal care</b>	No care	210†	23	*	7	9	7	*	*	70	*	21	47	14	*	*	*	0
	1st trimester	2,260†	349	*	264	68	29	*	7	733	41	348	155	206	*	31	15	*
	2nd trimester	830†	113	*	113	24	11	*	10	250	13	136	71	54	0	15	17	0
	3rd trimester	400†	40	*	45	23	22	*	*	119	*	46	49	30	0	*	7	*
	Unknown	210†	33	0	32	14	7	0	10	77	*	27	*	*	0	0	0	0
<b>Prenatal visits</b>	No visits	210†	23	*	7	9	7	*	*	70	*	21	47	14	*	*	*	0
	1-4 visits	450†	55	*	45	32	25	*	*	115	*	67	53	33	0	8	6	0
	5-8 visits	960†	128	*	129	36	19	*	12	301	19	153	77	60	0	9	15	*
	9-12 visits	1,380†	212	*	179	37	12	6	10	440	24	235	86	103	*	18	16	*
	13+ visits	800†	108	*	83	20	12	*	*	289	15	88	61	95	0	16	*	0
	Unknown	110†	32	0	18	*	*	0	*	34	*	14	*	*	0	0	0	0
<b>Newborn intensive care</b>	Yes	350†	43	*	29	10	*	0	0	140	*	45	38	33	0	*	*	0
	No	3,550†	515	7	432	128	71	11	33	1,109	62	533	288	274	*	49	37	*
<b>Method of delivery</b>	Vaginal	2,810†	445	*	337	100	49	8	26	869	42	427	232	210	*	31	22	*
	C-Section	1,030†	112	*	115	35	22	*	7	359	15	142	79	93	0	20	18	0
	Forceps	10†	*	0	*	0	0	0	0	*	*	0	*	0	0	0	0	0
	Vacuum	70†	0	0	8	*	*	0	0	19	*	9	14	*	0	*	0	0
	Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Obstetric procedures<sup>b</sup></b>	Total	2,130†	319	*	240	79	47	7	10	682	36	328	194	133	*	27	19	*
	Induction of labor	1,350†	195	*	154	54	31	*	10	435	25	220	99	89	*	18	12	0
	Augmentation of labor	1,150†	163	*	107	48	22	*	*	447	12	136	105	81	*	11	11	*
	Cervical cerclage	0†	*	0	*	0	0	0	0	*	0	0	0	0	0	0	*	0
	Tocolysis	40†	*	0	*	0	*	0	0	17	0	16	*	0	0	0	0	0
	External cephalic version successful	10†	*	0	0	0	0	0	0	*	0	9	0	0	0	0	0	0
	External cephalic version failed	20†	*	0	*	*	0	0	0	0	0	*	0	*	0	0	0	0
<b>Births with medical risk factors<sup>b</sup></b>	Total	1,840†	299	*	202	65	32	*	11	539	15	307	182	137	0	21	18	*
	Pre-existing diabetes	180†	39	0	19	*	*	0	*	47	7	28	16	10	0	*	*	0
	Gestational diabetes	760†	133	*	103	22	12	*	*	233	*	123	61	54	0	*	*	*
	Pre-existing hypertension	130†	38	0	12	8	*	0	0	38	*	10	10	*	0	*	*	0
	Gestational hypertension	580†	84	*	57	19	12	0	*	172	*	112	57	42	0	8	7	0
	Eclampsia	10†	0	0	0	*	0	0	0	*	0	*	*	*	0	0	0	0
	Previous preterm birth	240†	31	*	15	7	*	0	0	67	0	51	39	13	0	*	7	0
	Other previous poor pregnancy outcome	210†	45	*	10	*	*	0	0	47	*	18	72	*	0	*	*	0
	Gonorrhea	40†	7	0	*	*	0	0	*	9	*	8	*	8	0	*	0	0
	Syphilis	80†	*	0	9	12	*	0	*	19	0	19	*	9	0	*	0	0
	Chlamydia	280†	47	*	39	8	*	0	*	69	*	45	20	28	0	*	*	0
	Hepatitis B	0†	0	0	0	*	0	0	0	0	0	0	*	*	0	0	0	0
	Hepatitis C	20†	0	0	*	*	0	0	0	6	0	0	*	*	0	0	0	0



4.21 (continued)

COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY COUNTY OF RESIDENCE, ARIZONA, 2021

	Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown		
<b>Births with complications of labor and delivery<sup>b</sup></b>	<b>Total</b>	1,320†	187	*	133	58	24	*	*	460	10	176	128	103	*	16	15	0	
	Premature rupture of the membranes	290†	54	0	31	11	*	0	0	99	*	31	34	19	0	*	*	0	
	Precipitous labor	280†	55	*	20	14	*	*	0	75	*	36	53	9	0	*	*	0	
	Prolonged labor	140†	16	0	15	*	6	0	0	41	*	29	17	10	0	*	*	0	
	Breech presentation	160†	22	*	18	*	*	0	*	46	*	32	13	14	0	*	*	0	
	Chorioamnionitis	90†	7	0	8	*	*	*	0	40	0	10	8	*	0	0	*	0	
	Meconium staining of the amniotic fluid	300†	30	0	26	17	10	*	0	113	*	30	16	45	*	*	*	6	0
	Fetal intolerance	360†	30	*	39	15	7	0	*	190	*	28	15	26	0	*	*	*	0
	Maternal transfusion	80†	14	0	6	9	*	0	0	15	*	18	*	*	0	*	*	0	
	Third or fourth degree perineal laceration	20†	*	0	6	*	0	0	0	8	0	*	0	*	0	0	0	0	
	Ruptured uterus	0†	0	0	*	0	0	0	0	*	0	0	0	0	0	0	0	0	
	Unplanned hysterectomy	10†	0	0	0	0	0	0	0	0	*	*	*	0	0	0	0	0	
	Admission to intensive care unit	20†	*	0	*	*	0	0	0	*	0	*	*	*	0	*	0	0	
Unplanned surgery following delivery	30†	*	0	*	*	0	0	0	*	*	14	*	*	0	0	0	0		
<b>Abnormal conditions of the newborn<sup>b</sup></b>	<b>Total</b>	240†	39	*	20	14	*	0	0	74	*	37	18	20	0	*	*	0	
	Assisted ventilation immediately after delivery	170†	23	*	15	12	*	0	0	51	*	25	15	18	0	*	*	0	
	Assisted ventilation for more than 6 hours	110†	19	0	7	7	*	0	0	35	0	15	11	10	0	*	*	0	
	Surfactant replacement therapy	20†	*	0	*	*	0	0	0	9	0	*	*	*	0	0	0	0	
	Suspected neonatal sepsis	90†	12	0	*	*	*	0	0	37	0	11	7	7	0	*	*	0	
	Seizure or serious neurologic dysfunction	0†	0	0	*	0	0	0	0	*	0	0	0	0	0	0	0	0	
Significant birth injury	10†	*	0	*	0	*	0	0	*	0	*	*	0	0	0	0	0		
<b>Congenital anomalies of the newborn<sup>b</sup></b>	<b>Total</b>	20†	*	0	*	*	0	0	*	6	*	*	*	0	0	0	0		
	Anencephalus	0	0	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	0		
	Cyanotic congenital heart disease	10†	*	0	0	0	0	0	0	0	0	*	0	0	0	0	0		
	Congenital diaphragmatic hernia	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	0	0	0		
	Limb reduction defect	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0		
	Cleft lip / palate	10†	*	0	0	0	0	0	0	*	*	*	0	0	0	0	0		
	Down syndrome	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0		
	Suspected chromosomal disorder	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0		
	Hypospadias	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Unknown congenital anomalies	10†	0	0	*	*	0	0	*	0	0	*	0	0	0	0	0			
<b>Infant mortality<sup>c</sup></b>	<b>Total</b>	20†	0†	0	0†	0†	0	0	0	10†	0	0†	10†	0†	0	0	0†		
	Neonatal	10†	*	0	*	0	0	0	0	*	0	*	*	0	0	0	*		
	Postneonatal	10†	*	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; <sup>a</sup> 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; <sup>c</sup> Total infant mortality includes unknown county of residence.