

# **CHAPTER 5**

## **TRENDS AND PATTERNS IN HEALTH STATUS AND VITAL STATISTICS BY COUNTY OF RESIDENCE, 2009-2019**

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# **5A**

## **PREGNANCIES BY PREGNANCY OUTCOME**

**TABLE 5A-1  
PREGNANCIES AND PREGNANCY RATES BY PREGNANCY OUTCOME AND COUNTY OF RESIDENCE, ARIZONA, 2019**

County of residence	PREGNANCIES BY OUTCOME					PREGNANCY RATES BY OUTCOME			
	Female population of childbearing age <sup>a</sup>	Live births	Abortions	Fetal deaths	Total pregnancies <sup>b</sup>	Fertility rate <sup>c</sup>	Abortion rate <sup>d</sup>	Pregnancy rate <sup>e</sup>	Percent pregnancies ending in abortions
<b>State Total</b>	1,379,043	79,183	13,003	490†	92,675	57.4	9.4	67.2	14.0
<b>Apache</b>	13,316	895	9	*	910†	67.2	0.7	**	1.0
<b>Cochise</b>	21,421	1,344	123	11	1,478	62.7	5.7	69.0	8.3
<b>Coconino</b>	36,339	1,367	173	15	1,555	37.6	4.8	42.8	11.1
<b>Gila</b>	7,697	473	50	*	530†	61.5	6.5	**	9.5
<b>Graham</b>	7,028	493	20	*	520†	70.1	2.8	**	3.9
<b>Greenlee</b>	1,996	124	9	*	130†	62.1	4.5	**	6.7
<b>La Paz</b>	2,712	186	29	*	220†	68.6	10.7	**	13.4
<b>Maricopa</b>	880,357	50,998	8,911	308	60,217	57.9	10.1	68.4	14.8
<b>Mohave</b>	28,904	1,726	20	10	1,756	59.7	0.7	60.8	1.1
<b>Navajo</b>	19,202	1,355	48	8	1,411	70.6	2.5	73.5	3.4
<b>Pima</b>	202,073	10,357	1,681	63	12,101	51.3	8.3	59.9	13.9
<b>Pinal</b>	76,140	4,497	394	27	4,918	59.1	5.2	64.6	8.0
<b>Santa Cruz</b>	9,770	599	42	*	650†	61.3	4.3	**	6.5
<b>Yavapai</b>	30,536	1,806	193	10	2,009	59.1	6.3	65.8	9.6
<b>Yuma</b>	41,552	2,945	33	18	2,996	70.9	0.8	72.1	1.1

Notes: \* Cell suppressed due to non-zero count less than 6; \*\* Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; <sup>a</sup> Females 15-44 years old; <sup>b</sup> Sum of recorded live births, reported spontaneous terminations of pregnancy (fetal deaths) and reported induced terminations of pregnancy (abortions); <sup>c</sup> The number of live births per 1,000 females of childbearing age; <sup>d</sup> The number of abortions per 1,000 females of childbearing age; <sup>e</sup> The number of pregnancies per 1,000 females of childbearing age; the total number of abortions, fetal deaths, and total pregnancies include missing county of residence; these data are not shown above.

**TABLE 5A-2  
PREGNANCIES AND PREGNANCY RATES, FEMALES 10-19 YEARS,  
BY COUNTY OF RESIDENCE, ARIZONA, 2019**

County of residence	NUMBER OF PREGNANCIES <sup>a</sup>				
	All 19 years or younger	10-14 years	15-19 years		
			Total, 15-19	15-17	18-19
Apache	80†	*	76	16	60
Cochise	90†	*	87	25	62
Coconino	86	0	86	28	58
Gila	60†	*	56	19	37
Graham	40†	*	43	12	31
Greenlee	6	0	10†	*	*
La Paz	20†	*	20†	*	13
Maricopa	3,261	30	3,231	816	2,415
Mohave	125	0	125	25	100
Navajo	120†	*	116	40	76
Pima	764	9	755	189	566
Pinal	323	0	323	83	240
Santa Cruz	45	0	45	16	29
Yavapai	130†	*	133	38	95
Yuma	245	0	245	66	179
<b>STATE TOTAL</b>	<b>5,525</b>	<b>50†</b>	<b>5,474</b>	<b>1,400†</b>	<b>4,070†</b>
County of residence	PREGNANCY RATES <sup>b</sup>				
	All 19 years or younger	10-14 years	15-19 years		
			Total, 15-19	15-17	18-19
Apache	13.4	**	26.9	9.2	55.2
Cochise	11.2	**	22.0	10.7	38.3
Coconino	7.2	0.0	11.1	11.4	11.0
Gila	20.5	**	40.2	20.8	77.4
Graham	14.9	**	29.8	14.1	52.6
Greenlee	8.4	0.0	18.8	**	**
La Paz	18.2	**	36.9	**	80.2
Maricopa	11.2	0.2	22.6	9.4	43.1
Mohave	12.0	0.0	25.2	7.9	55.8
Navajo	14.4	**	30.5	16.3	55.9
Pima	11.8	0.3	21.9	10.3	35.2
Pinal	11.5	0.0	24.8	10.0	50.8
Santa Cruz	11.0	0.0	22.0	12.5	37.8
Yavapai	12.3	**	25.1	11.7	46.5
Yuma	15.9	0.0	32.0	14.1	60.2
<b>STATE TOTAL</b>	<b>11.9</b>	<b>0.2</b>	<b>23.6</b>	<b>10.2</b>	<b>42.8</b>

Notes: \* Cell suppressed due to non-zero count less than 6; \*\* Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; <sup>a</sup> The sum of live births, fetal deaths and abortions; <sup>b</sup> The number of pregnancies per 1,000 females in specified group.

**TABLE 5A-3  
TRENDS IN PREGNANCY RATES<sup>a</sup> BY COUNTY OF RESIDENCE AMONG FEMALES 10-17 AND 18-19 YEARS OLD,  
ARIZONA, 2009-2019**

	ARIZONA	APACHE	COCHISE	COCONINO	GILA	GRAHAM	GREENLEE	LA PAZ	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	SANTA CRUZ	YAVAPAI	YUMA
<b>2009</b>	28.0	27.7	28.7	27.6	40.8	33.7	41.2	27.8	27.4	25.9	33.2	27.0	27.6	29.1	25.0	36.1
<b>2010</b>	24.7	26.7	27.5	22.5	39.7	33.3	35.7	38.1	23.7	24.6	32.8	24.7	22.8	30.5	21.4	34.1
<b>2011</b>	23.0	23.6	24.7	20.3	35.9	28.5	34.1	31.9	22.4	18.9	33.4	22.6	21.7	27.9	19.9	30.1
<b>2012</b>	21.6	21.6	24.0	18.0	29.9	29.2	18.9	29.0	25.3	20.7	19.2	29.8	21.4	20.6	29.0	18.7
<b>2013</b>	19.2	19.1	18.9	16.2	32.0	26.7	28.8	37.6	18.4	15.8	23.3	19.2	16.4	20.6	16.7	25.1
<b>2014</b>	17.8	17.7	18.4	14.7	29.0	27.1	26.8	33.4	17.4	17.5	21.8	16.9	15.5	20.0	17.2	19.7
<b>2015</b>	15.9	13.7	20.0	14.4	25.6	23.7	20.5	22.9	15.3	14.7	21.4	15.0	15.1	13.6	16.4	18.2
<b>2016</b>	14.9	17.2	18.8	13.0	31.3	18.2	21.5	20.7	14.4	13.5	19.3	14.2	12.9	18.1	13.5	17.5
<b>2017</b>	13.7	15.7	14.3	12.6	22.0	16.6	15.3	18.0	13.2	13.6	19.5	13.1	13.5	12.7	15.1	13.9
<b>2018</b>	12.6	13.0	14.4	9.2	21.6	17.6	11.0	20.2	11.9	11.2	16.2	11.6	12.4	11.9	13.3	17.7
<b>2019</b>	11.9	13.4	11.2	7.2	20.5	14.9	8.4	18.2	11.2	12.0	14.4	11.8	11.5	11.0	12.3	15.9
<b>2009</b>	102.5	100.2	102.7	68.9	160.2	93.2	203.9	127.2	106.0	129.2	132.3	82.3	108.4	115.7	101.3	119.9
<b>2010</b>	80.8	96.6	90.6	40.2	137.9	96.0	122.4	177.8	80.3	96.5	122.7	68.7	96.8	94.2	84.5	114.7
<b>2011</b>	77.2	94.2	78.9	36.2	132.6	81.7	163.3	127.8	78.4	75.9	121.1	64.3	94.7	104.2	71.3	109.3
<b>2012</b>	70.2	79.6	80.2	33.4	105.8	95.2	64.7	90.1	87.7	69.3	69.6	115.7	61.9	82.2	97.9	64.6
<b>2013</b>	64.8	68.5	65.2	30.8	133.0	103.2	108.8	146.1	64.2	59.4	92.9	54.6	67.7	92.4	62.2	83.0
<b>2014</b>	65.2	66.4	66.7	25.8	114.8	108.7	142.9	126.4	68.3	79.5	81.0	48.7	70.8	66.9	75.5	72.0
<b>2015</b>	58.4	43.9	77.0	25.9	105.7	95.0	86.2	77.3	59.5	67.9	78.9	45.9	71.4	50.9	64.5	69.9
<b>2016</b>	55.0	68.1	73.0	21.3	114.2	70.6	84.5	94.9	56.4	63.2	70.2	43.5	58.9	69.3	55.1	63.1
<b>2017</b>	50.9	62.1	55.4	22.6	97.0	61.5	67.2	80.5	51.7	67.4	76.3	39.1	64.0	61.0	61.3	50.3
<b>2018</b>	46.6	58.2	56.6	14.9	84.3	60.8	46.9	80.0	46.5	52.5	64.4	35.3	55.2	53.1	52.8	63.3
<b>2019</b>	42.8	55.2	38.3	11.0	77.4	52.6	**	80.2	43.1	55.8	55.9	35.2	50.8	37.8	46.5	60.2
<b>2009</b>	11.2	10.1	10.8	13.0	15.9	14.2	13.3	9.5	11.0	8.1	12.5	11.2	11.8	11.4	8.4	16.1
<b>2010</b>	10.0	11.0	10.8	11.5	18.1	11.9	19.3	**	9.5	8.1	12.5	10.3	8.6	17.1	6.6	14.9
<b>2011</b>	8.7	7.8	10.4	10.6	14.6	10.3	**	10.1	8.4	5.8	13.6	9.0	7.7	11.9	7.8	11.2
<b>2012</b>	8.4	7.7	9.2	8.3	11.7	12.2	**	12.6	8.9	8.1	6.3	10.4	8.0	7.2	15.0	7.4
<b>2013</b>	6.9	8.1	6.9	7.3	10.7	10.0	10.8	12.8	6.6	4.4	7.1	7.4	5.3	7.7	5.4	10.1
<b>2014</b>	6.1	6.0	6.4	7.1	9.9	9.5	**	11.6	5.9	4.8	8.8	6.6	5.1	9.1	4.3	6.7
<b>2015</b>	5.4	6.8	6.3	6.2	9.5	8.1	**	10.3	5.2	3.9	9.7	5.2	4.7	5.2	5.3	5.7
<b>2016</b>	5.0	6.5	6.3	6.9	13.7	6.4	**	**	4.6	3.4	8.8	4.8	4.3	6.9	3.8	6.7
<b>2017</b>	4.4	6.1	5.0	5.2	5.9	6.7	**	**	4.1	3.0	8.1	4.9	3.8	2.3	4.1	5.2
<b>2018</b>	4.2	3.1	4.6	4.9	8.4	7.4	**	**	3.9	2.9	6.6	3.9	3.9	2.7	4.3	7.0
<b>2019</b>	3.9	3.8	4.3	4.2	9.2	5.5	**	**	3.6	2.9	6.1	4.1	3.6	4.8	4.4	5.3

Notes: \*\* Cell suppressed due to rate/ratio/percent based on count less than 6; <sup>a</sup> Number of pregnancies per 1,000 females in specified group.

**TABLE 5A-4  
PREGNANCIES BY PREGNANCY OUTCOME, AGE GROUP, AND COUNTY OF RESIDENCE,  
ARIZONA, 2019**

	Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	Un-known	
<b>STATE TOTAL</b>	<b>Total pregnancies</b>	92,675	51	1,401	4,073	20,853	28,031	23,397	11,940	2,720	204	10†
	<b>Births</b>	79,183	36	1,129	3,158	16,856	24,287	20,834	10,458	2,246	176	*
	<b>Abortions</b>	13,003	15	265	889	3,908	3,612	2,430	1,406	450	28	0
	<b>Fetal deaths</b>	489	0	7	26	89	132	133	76	24	0	*
<b>APACHE</b>	<b>Total pregnancies</b>	910†	0†	16	60†	230†	280†	210†	97	20†	0	0
	<b>Births</b>	900†	*	16	58	232	269	208	97	13	0	0
	<b>Abortions</b>	10†	0	0	*	*	*	0	*	0	0	0
	<b>Fetal deaths</b>	0†	0	0	0	0	*	*	0	0	0	0
<b>COCHISE</b>	<b>Total pregnancies</b>	1,480†	0†	30†	62	380†	480†	333	160†	40†	10†	0
	<b>Births</b>	1,340†	*	22	56	350	444	291	144	31	*	0
	<b>Abortions</b>	120†	*	*	6	31	30	36	11	*	0	0
	<b>Fetal deaths</b>	10†	0	0	0	*	*	6	*	0	0	0
<b>COCONINO</b>	<b>Total pregnancies</b>	1,560†	0	30†	58	330†	470†	400†	220†	50†	0†	0
	<b>Births</b>	1,370†	0	23	47	263	416	369	202	46	*	0
	<b>Abortions</b>	170†	0	*	11	66	46	25	16	*	0	0
	<b>Fetal deaths</b>	20†	0	0	0	*	*	*	*	0	0	0
<b>GILA</b>	<b>Total pregnancies</b>	530†	0†	20†	37	150†	168	100†	40†	10†	0†	0
	<b>Births</b>	470†	*	17	29	127	156	98	35	8	*	0
	<b>Abortions</b>	50†	*	*	8	18	12	*	*	*	0	0
	<b>Fetal deaths</b>	10†	0	0	0	*	0	*	*	0	0	0
<b>GRAHAM</b>	<b>Total pregnancies</b>	520†	0†	12	30†	150†	170†	90†	50†	10†	0	0
	<b>Births</b>	490†	*	12	26	149	162	91	46	6	0	0
	<b>Abortions</b>	20†	0	0	*	*	8	*	*	*	0	0
	<b>Fetal deaths</b>	0†	0	0	*	0	*	0	0	0	0	0
<b>GREENLEE</b>	<b>Total pregnancies</b>	130†	0	0†	0†	30†	70†	20†	10†	0†	0	0
	<b>Births</b>	120†	0	*	*	29	63	16	7	*	0	0
	<b>Abortions</b>	10†	0	0	0	*	*	*	*	0	0	0
	<b>Fetal deaths</b>	0†	0	0	0	0	0	*	0	0	0	0
<b>LA PAZ</b>	<b>Total pregnancies</b>	220†	0†	0†	10†	55	78	30†	20†	10†	0	0
	<b>Births</b>	190†	*	*	10	47	70	30	21	*	0	0
	<b>Abortions</b>	30†	0	*	*	8	8	*	*	*	0	0
	<b>Fetal deaths</b>	0†	0	0	0	0	0	*	0	0	0	0
<b>MARICOPA</b>	<b>Total pregnancies</b>	60,217	30	820†	2,415	12,930	17,861	15,910	8,241	1,870	141	0†
	<b>Births</b>	50,998	21	650	1,840	10,247	15,303	14,098	7,180	1,540	118	*
	<b>Abortions</b>	8,911	9	161	564	2,626	2,481	1,729	1,004	314	23	0
	<b>Fetal deaths</b>	310†	0	*	11	57	77	83	57	16	0	*
<b>MOHAVE</b>	<b>Total pregnancies</b>	1,756	0	25	100†	490†	560†	390†	150†	39	6	0
	<b>Births</b>	1,726	0	25	95	481	550	383	147	39	6	0
	<b>Abortions</b>	20†	0	0	*	7	6	*	*	0	0	0
	<b>Fetal deaths</b>	10†	0	0	*	*	*	*	0	0	0	0
<b>NAVAJO</b>	<b>Total pregnancies</b>	1,410†	0†	40†	80†	340†	450†	320†	150†	40†	0	0
	<b>Births</b>	1,355	0	36	71	326	431	310	146	35	0	0
	<b>Abortions</b>	50†	*	*	*	9	19	8	*	*	0	0
	<b>Fetal deaths</b>	10†	0	0	*	*	*	*	*	*	0	0
<b>PIMA</b>	<b>Total pregnancies</b>	12,101	10†	190†	566	2,672	3,748	2,985	1,562	350†	20†	0
	<b>Births</b>	10,357	8	146	429	2,122	3,252	2,694	1,397	291	18	0
	<b>Abortions</b>	1,680†	*	42	131	538	476	276	159	55	*	0
	<b>Fetal deaths</b>	60†	0	*	6	12	20	15	6	*	0	0
<b>PINAL</b>	<b>Total pregnancies</b>	4,918	0	80†	240†	1,180†	1,611	1,127	550†	110†	17	0
	<b>Births</b>	4,497	0	67	208	1,054	1,501	1,053	501	96	17	0
	<b>Abortions</b>	394	0	15	31	124	103	66	42	13	0	0
	<b>Fetal deaths</b>	30†	0	*	*	*	7	8	*	*	0	0
<b>SANTA CRUZ</b>	<b>Total pregnancies</b>	650†	0	20†	30†	150†	200†	140†	80†	20†	0†	0
	<b>Births</b>	600†	0	15	25	141	191	132	77	17	*	0
	<b>Abortions</b>	40†	0	*	*	8	12	9	6	*	0	0
	<b>Fetal deaths</b>	0†	0	0	0	*	*	*	*	0	0	0
<b>YAVAPAI</b>	<b>Total pregnancies</b>	2,010†	0†	38	95	520†	610†	450†	230†	63	7	0
	<b>Births</b>	1,810†	*	31	84	457	551	410	208	57	7	0
	<b>Abortions</b>	193	0	7	11	58	54	34	23	6	0	0
	<b>Fetal deaths</b>	10†	0	0	0	*	*	*	*	0	0	0
<b>YUMA</b>	<b>Total pregnancies</b>	2,996	0	70†	180†	850†	937	660†	250†	60†	0	0
	<b>Births</b>	2,945	0	65	176	829	921	648	249	57	0	0
	<b>Abortions</b>	30†	0	*	*	13	7	7	*	0	0	0
	<b>Fetal deaths</b>	20†	0	0	*	*	9	*	0	*	0	0
<b>UNKNOWN</b>	<b>Total pregnancies</b>	1,290†	0	23	108	400†	349	230†	130†	40†	0†	0†
	<b>Births</b>	20†	0	0	0	*	7	*	*	*	*	*
	<b>Abortions</b>	1,270†	0	23	108	396	342	226	129	42	*	0
	<b>Fetal deaths</b>	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.

**TABLE 5A-5  
BIRTHS AND BIRTH RATES, FEMALES 10-19 YEARS, BY COUNTY OF RESIDENCE,  
ARIZONA, 2019**

County of residence	NUMBER OF BIRTHS				
	All 19 years or younger	10-14 years	15-19 years		
			Total 15-19	15-17	18-19
Apache	80†	*	74	16	58
Cochise	80†	*	78	22	56
Coconino	70	0	70	23	47
Gila	50†	*	46	17	29
Graham	40†	*	38	12	26
Greenlee	6	0	10†	*	*
La Paz	10†	*	10†	*	10
Maricopa	2,511	21	2,490	650	1,840
Mohave	120	0	120	25	95
Navajo	107	0	107	36	71
Pima	583	8	575	146	429
Pinal	275	0	275	67	208
Santa Cruz	40	0	40	15	25
Yavapai	120†	*	115	31	84
Yuma	241	0	241	65	176
<b>STATE TOTAL</b>	<b>4,323</b>	<b>40†</b>	<b>4,287</b>	<b>1,130†</b>	<b>3,160†</b>

County of residence	BIRTH RATES <sup>a</sup>				
	All 19 years or younger	10-14 years	15-19 years		
			Total 15-19	15-17	18-19
Apache	13.1	**	26.2	9.2	53.4
Cochise	9.9	**	19.7	9.4	34.6
Coconino	5.8	0.0	9.1	9.4	8.9
Gila	16.4	**	33.0	18.6	60.7
Graham	13.2	**	26.4	14.1	44.1
Greenlee	8.4	0.0	18.8	**	**
La Paz	13.9	**	27.6	**	61.7
Maricopa	8.6	0.1	17.4	7.5	32.8
Mohave	11.5	0.0	24.2	7.9	53.0
Navajo	13.0	0.0	28.1	14.7	52.2
Pima	9.0	0.3	16.7	7.9	26.6
Pinal	9.8	0.0	21.1	8.1	44.1
Santa Cruz	9.8	0.0	19.5	11.7	32.6
Yavapai	10.7	**	21.7	9.5	41.1
Yuma	15.6	0.0	31.5	13.9	59.2
<b>STATE TOTAL</b>	<b>9.3</b>	<b>0.2</b>	<b>18.5</b>	<b>8.2</b>	<b>33.2</b>

Notes: \* Cell suppressed due to non-zero count less than 6; \*\* Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; <sup>a</sup> The number of births per 1,000 females in specified group.



# **5B**

## **MATERNAL CHARACTERISTICS AND NEWBORN'S HEALTH**

**TABLE 5B-1  
RATES OF NATURAL INCREASE FROM BIRTHS<sup>a</sup> PER 1,000 POPULATION  
BY COUNTY OF RESIDENCE, ARIZONA, 2009-2019**

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA</b>	7.2	6.4	5.8	5.7	6.6	5.3	4.6	4.1	3.5	3.0	2.6
<b>Apache</b>	9.3	7.8	6.8	6.4	5.6	5.8	4.3	5.1	3.5	3.0	2.2
<b>Cochise</b>	5.1	4.3	3.6	3.8	3.9	3.4	2.0	1.5	-0.1	-0.1	-0.5
<b>Coconino</b>	8.8	8.2	7.8	7.3	2.3	7.0	5.4	5.3	4.5	4.4	3.6
<b>Gila</b>	1.0	0.2	-1.1	-0.8	5.9	-1.8	-4.3	-4.4	-3.3	-4.7	-6.2
<b>Graham</b>	9.4	6.1	9.6	6.1	2.9	8.4	8.6	7.3	5.9	4.6	5.4
<b>Greenlee</b>	9.2	5.9	5.7	5.9	4.2	8.8	8.1	9.3	8.3	6.1	5.6
<b>La Paz</b>	-2.4	0.0	-0.7	-1.0	5.5	-1.9	-2.6	-2.2	-5.8	-5.9	-5.5
<b>Maricopa</b>	8.4	7.8	7.3	7.4	1.9	6.9	6.3	5.7	5.1	4.6	4.2
<b>Mohave</b>	-0.2	-1.7	-2.3	-3.7	1.7	-3.5	-5.7	-6.7	-6.7	-7.5	-7.5
<b>Navajo</b>	9.3	8.5	6.9	6.8	1.1	6.2	5.6	4.4	4.0	2.1	1.4
<b>Pima</b>	4.7	4.1	3.5	3.2	3.2	3.1	2.2	1.9	1.4	0.8	0.4
<b>Pinal</b>	10.1	7.3	5.8	5.7	3.0	4.7	3.7	3.6	3.0	3.1	2.6
<b>Santa Cruz</b>	10.0	9.1	9.3	7.6	7.0	6.5	6.5	6.7	6.5	6.5	5.0
<b>Yavapai</b>	-1.1	-2.9	-3.1	-4.0	2.7	-3.8	-4.8	-4.9	-5.8	-5.9	-5.4
<b>Yuma</b>	9.4	10.0	9.3	8.4	2.1	7.7	7.4	6.9	6.6	6.2	5.7

Note: <sup>a</sup> The difference between the birth rate per 1,000 population and the death rate per 1,000 population.

**TABLE 5B-2  
BIRTH RATES<sup>a</sup> BY YEAR AND COUNTY OF RESIDENCE, ARIZONA, 2009-2019**

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA</b>	14.0	13.2	13.2	13.2	12.9	13.0	12.6	12.3	11.7	11.4	11.0
<b>Apache</b>	16.2	15.4	14.9	12.9	13.2	14.2	13.2	14.2	13.0	12.4	12.5
<b>Cochise</b>	13.0	13.6	12.7	13.0	12.3	12.7	12.1	11.9	10.4	10.3	10.3
<b>Coconino</b>	13.7	13.2	13.2	12.6	12.0	12.2	11.1	11.3	10.5	10.3	9.3
<b>Gila</b>	11.9	12.5	11.6	11.4	11.0	12.0	10.7	10.9	9.8	9.0	8.6
<b>Graham</b>	16.2	14.2	16.1	14.1	15.8	15.7	15.1	14.6	13.8	13.5	12.8
<b>Greenlee</b>	15.0	12.4	14.2	13.3	11.5	13.7	14.6	14.3	14.2	12.4	12.0
<b>La Paz</b>	8.0	9.8	8.3	9.8	9.7	10.0	9.4	10.5	9.0	8.5	8.4
<b>Maricopa</b>	14.5	14.2	13.9	14.0	13.7	13.8	13.4	13.1	12.4	12.0	11.7
<b>Mohave</b>	10.9	10.1	9.8	8.5	8.6	9.0	9.0	8.8	8.3	8.4	8.0
<b>Navajo</b>	16.4	16.2	15.3	15.1	14.3	14.7	13.8	13.6	13.5	12.2	12.0
<b>Pima</b>	12.6	12.4	12.0	12.0	12.0	11.8	11.4	11.3	10.7	10.3	9.9
<b>Pinal</b>	16.2	13.3	12.0	12.0	11.6	11.3	11.0	10.8	10.3	10.2	9.9
<b>Santa Cruz</b>	16.0	14.6	14.4	13.8	13.2	12.1	12.4	12.7	12.3	11.8	11.3
<b>Yavapai</b>	9.1	8.6	8.7	8.4	8.5	9.0	8.6	8.5	8.0	7.7	7.8
<b>Yuma</b>	15.8	16.5	16.0	15.2	14.9	14.4	14.0	13.8	13.3	13.5	12.8

Note: <sup>a</sup> The number of births per 1,000 population.

**TABLE 5B-3  
NUMBER OF BIRTHS BY YEAR AND COUNTY OF RESIDENCE, ARIZONA, 2009-2019**

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA<sup>a</sup></b>	92,616	87,053	85,190	85,725	84,963	86,648	85,024	84,404	81,664	80,539	79,183
<b>Apache</b>	1,242	1,099	1,071	930	951	1,018	953	1,022	946	910	895
<b>Cochise</b>	1,846	1,781	1,664	1,704	1,607	1,643	1,566	1,531	1,330	1,348	1,344
<b>Coconino</b>	1,894	1,775	1,771	1,689	1,625	1,701	1,575	1,615	1,506	1,500	1,367
<b>Gila</b>	704	670	620	609	590	649	580	593	541	497	473
<b>Graham</b>	645	530	606	525	600	603	580	558	530	513	493
<b>Greenlee</b>	130	105	119	114	125	144	154	149	156	130	124
<b>La Paz</b>	174	200	172	204	204	213	199	223	194	187	186
<b>Maricopa</b>	57,663	54,236	53,361	54,475	53,848	55,285	54,600	54,021	52,470	51,701	50,998
<b>Mohave</b>	2,220	2,022	1,962	1,736	1,742	1,833	1,845	1,803	1,734	1,790	1,726
<b>Navajo</b>	1,893	1,737	1,642	1,633	1,554	1,609	1,517	1,498	1,507	1,379	1,355
<b>Pima</b>	12,840	12,169	11,874	11,876	11,965	11,844	11,476	11,403	10,970	10,661	10,357
<b>Pinal</b>	5,309	4,990	4,607	4,656	4,564	4,490	4,454	4,471	4,384	4,498	4,497
<b>Santa Cruz</b>	761	693	694	671	652	599	621	642	633	617	599
<b>Yavapai</b>	2,061	1,817	1,829	1,782	1,820	1,943	1,877	1,868	1,796	1,769	1,806
<b>Yuma</b>	3,234	3,229	3,198	3,121	3,116	3,058	3,017	3,004	2,956	3,030	2,945
<b>Unknown</b>	0	0	0	0	0	16	10	*	11	9	18

Notes: \* Cell suppressed due to non-zero count less than 6; <sup>a</sup> May include records with unknown county of residence.

**TABLE 5B-4  
BIRTHS BY COUNTY OF OCCURRENCE<sup>a</sup>, ARIZONA, 2009-2019**

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA<sup>b</sup></b>	93,331	88,100	86,121	87,221	86,586	88,065	86,845	86,228	83,471	82,500	81,056
<b>Apache</b>	1,012	967	1,003	932	947	872	888	788	722	659	651
<b>Cochise</b>	1,450	1,303	1,091	1,096	1,077	1,106	1,103	1,124	867	813	612
<b>Coconino</b>	2,227	2,087	2,057	2,013	1,929	1,993	1,874	1,886	1,821	1,810	1,603
<b>Gila</b>	593	529	505	482	460	503	441	489	482	441	432
<b>Graham</b>	660	552	597	521	605	669	624	623	574	562	549
<b>Greenlee</b>	0	*	0	0	0	0	0	0	*	0	0
<b>La Paz</b>	0	*	6	*	*	*	*	7	*	*	6
<b>Maricopa</b>	62,708	59,036	57,046	58,188	57,529	59,070	58,194	57,481	55,935	55,147	54,369
<b>Mohave</b>	2,107	2,061	1,993	1,976	1,995	2,000	1,949	1,931	1,819	1,833	1,754
<b>Navajo</b>	1,481	1,369	1,271	1,288	1,236	1,272	1,234	1,232	1,197	1,062	1,085
<b>Pima</b>	14,019	13,393	13,138	13,228	13,235	13,124	12,781	12,634	12,233	11,993	11,878
<b>Pinal</b>	952	918	1,596	1,814	1,743	1,615	1,597	1,689	1,615	1,836	2,003
<b>Santa Cruz</b>	812	784	762	728	744	716	720	730	706	702	697
<b>Yavapai</b>	1,853	1,635	1,647	1,598	1,653	1,770	1,674	1,662	1,607	1,580	1,587
<b>Yuma</b>	3,457	3,460	3,409	3,354	3,385	3,333	3,347	3,331	3,292	3,405	3,177
<b>Unknown</b>	0	0	0	0	46	18	415	621	597	654	653

Notes: \* Cell suppressed due to non-zero count less than 6; <sup>a</sup> Resident and non-resident births occurring in Arizona; <sup>b</sup> Total births include resident births occurring out-of-state.

**TABLE 5B-5  
RESIDENT BIRTHS BY PLACE OF OCCURRENCE AND NON-RESIDENT BIRTHS BY COUNTY OF OCCURRENCE  
IN ARIZONA, 2019**

County of residence	County of occurrence													Born in AZ	AZ resident born outside AZ	Total resident births <sup>a</sup>		
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz				Yavapai	Yuma
Apache	483	0	27	0	0	0	0	34	0	171	*	0	0	0	0	718	177	900†
Cochise	0	596	0	0	30	0	0	19	0	0	690	*	*	0	0	1,338	6	1,340†
Coconino	0	0	1,255	0	0	0	0	61	6	11	0	0	0	10	0	1,343	24	1,367
Gila	0	0	*	367	*	0	0	87	0	*	*	6	0	*	0	472	*	470†
Graham	0	0	0	34	407	0	0	21	0	*	27	*	0	0	0	491	*	490†
Greenlee	0	*	0	0	99	0	0	*	0	0	18	*	0	0	0	122	*	120†
La Paz	0	0	0	0	0	0	*	44	130	0	0	0	0	0	0	182	*	190†
Maricopa	*	*	12	11	0	0	*	50,463	*	*	35	300	9	9	7	50,863	135	51,000†
Mohave	0	0	7	0	0	0	0	53	1,482	0	0	0	0	*	*	1,545	181	1,730†
Navajo	98	0	237	*	0	0	0	100	*	883	*	*	0	0	0	1,326	29	1,360†
Pima	*	*	0	*	*	0	0	69	*	*	10,204	24	24	0	*	10,330	27	10,360†
Pinal	0	0	*	14	0	0	0	2,663	0	0	161	1,643	*	0	*	4,485	12	4,500†
Santa Cruz	0	0	0	0	*	0	0	7	0	0	203	*	385	0	*	598	*	600†
Yavapai	0	0	47	*	*	0	0	186	*	*	*	0	0	1,555	*	1,798	8	1,810†
Yuma	0	*	0	0	0	0	0	51	0	*	*	*	0	0	2,857	2,914	31	2,950†
Unknown	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	*	13	18
<b>AZ resident</b>	<b>590†</b>	<b>600†</b>	<b>1,590†</b>	<b>430†</b>	<b>540†</b>	<b>0</b>	<b>10†</b>	<b>53,870†</b>	<b>1,630†</b>	<b>1,080†</b>	<b>11,360†</b>	<b>1,980†</b>	<b>420†</b>	<b>1,580†</b>	<b>2,880†</b>	<b>78,530†</b>	<b>650†</b>	<b>79,183</b>
<b>Non-resident born in AZ</b>	<b>66</b>	<b>9</b>	<b>16</b>	<b>*</b>	<b>7</b>	<b>0</b>	<b>*</b>	<b>504</b>	<b>125</b>	<b>9</b>	<b>523</b>	<b>22</b>	<b>277</b>	<b>10</b>	<b>301</b>	<b>1,870†</b>		
<b>Total born in specified county</b>	<b>650†</b>	<b>610†</b>	<b>1,600†</b>	<b>430†</b>	<b>550†</b>	<b>0</b>	<b>10†</b>	<b>54,370†</b>	<b>1,750†</b>	<b>1,090†</b>	<b>11,880†</b>	<b>2,000†</b>	<b>700†</b>	<b>1,590†</b>	<b>3,180†</b>	<b>80,403</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> Total number of resident births includes 18 births with unknown Arizona county of residence.

**TABLE 5B-6  
NUMBER OF BIRTHS BY MONTH AND COUNTY OF RESIDENCE, ARIZONA, 2019**

	TOTAL	Month of birth											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b>ARIZONA</b>	79,183	6,811	6,070	6,651	6,078	6,267	6,154	6,940	7,192	6,858	6,872	6,580†	6,713
<b>Apache</b>	895	82	70	67	71	69	67	89	75	63	81	77	84
<b>Cochise</b>	1,344	114	90	112	98	106	95	143	121	115	121	101	128
<b>Coconino</b>	1,367	114	108	110	130	117	106	115	124	99	114	113	117
<b>Gila</b>	473	37	39	35	20	45	43	39	45	44	33	51	42
<b>Graham</b>	493	36	39	39	43	44	38	37	41	51	41	39	45
<b>Greenlee</b>	120†	12	8	7	11	8	9	18	12	14	11	*	9
<b>La Paz</b>	186	21	10	14	14	11	17	11	14	13	15	24	22
<b>Maricopa</b>	50,998	4,360	3,949	4,310	3,867	4,035	3,999	4,468	4,634	4,423	4,468	4,256	4,229
<b>Mohave</b>	1,726	167	128	141	155	124	130	151	165	145	147	126	147
<b>Navajo</b>	1,355	108	98	109	129	125	122	121	137	106	111	92	97
<b>Pima</b>	10,357	893	786	874	811	836	829	861	937	890	902	818	920
<b>Pinal</b>	4,497	398	341	365	329	341	332	386	402	404	393	402	404
<b>Santa Cruz</b>	599	60	50	44	47	42	47	57	52	45	56	54	45
<b>Yavapai</b>	1,806	152	134	165	146	132	130	162	157	179	146	142	161
<b>Yuma</b>	2,945	257	219	257	205	228	190	280	273	266	233	274	263
<b>Unknown</b>	20†	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.





**TABLE 5B-8  
BIRTHS BY MOTHER'S RACE/ETHNICITY, CHILD'S GENDER, AND COUNTY OF RESIDENCE, ARIZONA, 2019**

	All racial/ethnic groups			White non-Hispanic			Hispanic or Latino			Black or African American			American Indian or Alaska Native			Asian or Pacific Islander		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
<b>ARIZONA</b>	79,183	40,578	38,605	34,118	17,627	16,491	32,575	16,504	16,071	4,865	2,516	2,349	4,462	2,288	2,174	3,163	1,643	1,520
<b>Apache</b>	895	432	463	135	67	68	51	28	23	0†	*	0	701	332	369	10†	*	*
<b>Cochise</b>	1,344	682	662	643	324	319	605	302	303	48	26	22	17	11	6	31	19	12
<b>Coconino</b>	1,367	724	643	604	334	270	179	84	95	10†	7	*	542	281	261	31	18	13
<b>Gila</b>	473	256	217	227	126	101	90	48	42	0†	*	*	145	78	67	10†	*	*
<b>Graham</b>	493	225	268	266	118	148	148	72	76	0†	*	*	74	31	43	0†	*	0
<b>Greenlee</b>	124	56	68	58	28	30	61	24	37	0†	*	*	0†	*	0	0	0	0
<b>La Paz</b>	186	112	74	71	37	34	60	36	24	0†	*	0	49	33	16	0†	*	0
<b>Maricopa</b>	50,998	26,203	24,795	22,214	11,460	10,754	20,904	10,667	10,237	3,990	2,065	1,925	1,341	685	656	2,549	1,326	1,223
<b>Mohave</b>	1,726	869	857	1,250	631	619	370	180	190	21	9	12	57	33	24	28	16	12
<b>Navajo</b>	1,355	681	674	457	231	226	175	88	87	0†	0	*	711	358	353	10†	*	7
<b>Pima</b>	10,357	5,311	5,046	4,068	2,144	1,924	5,006	2,499	2,507	504	267	237	435	226	209	344	175	169
<b>Pinal</b>	4,497	2,346	2,151	2,263	1,196	1,067	1,626	831	795	214	102	112	308	174	134	86	43	43
<b>Santa Cruz</b>	599	313	286	31	15	16	565	297	268	0†	0	*	0†	*	0	0†	0	*
<b>Yavapai</b>	1,806	906	900	1,304	650	654	423	212	211	10†	7	*	39	25	14	28	12	16
<b>Yuma</b>	2,945	1,447	1,498	518	258	260	2,305	1,130	1,175	48	23	25	40	18	22	34	18	16
<b>Unknown</b>	20†	15	*	10†	8	*	10†	6	*	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.

**TABLE 5B-9  
NUMBER OF BIRTHS BY MOTHER'S AGE GROUP AND COUNTY OF RESIDENCE, ARIZONA, 2019**

	Total	Mother's age group										Unknown
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+		
<b>ARIZONA</b>	79,183	40†	1,130†	3,160†	16,856	24,287	20,834	10,458	2,250†	180†	0†	
<b>Apache</b>	900†	*	16	58	232	269	208	97	13	0	0	
<b>Cochise</b>	1,340†	*	22	56	350	444	291	144	31	*	0	
<b>Coconino</b>	1,370†	0	23	47	263	416	369	202	46	*	0	
<b>Gila</b>	470†	*	17	29	127	156	98	35	8	*	0	
<b>Graham</b>	490†	*	12	26	149	162	91	46	6	0	0	
<b>Greenlee</b>	120†	0	*	*	29	63	16	7	*	0	0	
<b>La Paz</b>	190†	*	*	10	47	70	30	21	*	0	0	
<b>Maricopa</b>	50,998	21	650	1,840	10,247	15,303	14,098	7,180	1,540	118	*	
<b>Mohave</b>	1,726	0	25	95	481	550	383	147	39	6	0	
<b>Navajo</b>	1,355	0	36	71	326	431	310	146	35	0	0	
<b>Pima</b>	10,357	8	146	429	2,122	3,252	2,694	1,397	291	18	0	
<b>Pinal</b>	4,497	0	67	208	1,054	1,501	1,053	501	96	17	0	
<b>Santa Cruz</b>	600†	0	15	25	141	191	132	77	17	*	0	
<b>Yavapai</b>	1,810†	*	31	84	457	551	410	208	57	7	0	
<b>Yuma</b>	2,945	0	65	176	829	921	648	249	57	0	0	
<b>Unknown</b>	20†	0	0	0	*	7	*	*	*	*	*	

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.

**TABLE 5B-10  
BIRTHS BY MOTHER'S AGE GROUP, RACE/ETHNICITY, AND COUNTY OF RESIDENCE, ARIZONA, 2019**

	Total	Mother's age group										
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	Un-known	
<b>ARIZONA</b>	<b>Total</b>	79,183	40†	1,129	3,158	16,856	24,287	20,834	10,458	2,246	180†	0†
	White non-Hispanic	34,118	*	214	781	5,784	10,503	10,415	5,242	1,071	101	*
	Hispanic or Latino	32,575	22	711	1,861	8,579	10,150	6,988	3,411	807	46	0
	Black or African American	4,865	*	73	203	1,087	1,486	1,211	654	136	11	0
	American Indian or Alaska Native	4,462	6	124	280	1,149	1,358	1,002	452	88	*	0
	Asian or Pacific Islander	3,163	0	7	33	257	790	1,218	699	144	15	0
<b>Apache</b>	<b>Total</b>	900†	0†	20†	58	230†	270†	210†	100†	10†	0	0
	White non-Hispanic	140†	0	0	12	25	52	29	16	*	0	0
	Hispanic or Latino	50†	0	*	6	17	9	9	9	0	0	0
	Black or African American	0†	0	0	0	*	0	0	0	0	0	0
	American Indian or Alaska Native	700†	*	15	40	189	207	167	69	12	0	0
	Asian or Pacific Islander	10†	0	0	0	*	0	*	*	0	0	0
<b>Cochise</b>	<b>Total</b>	1,340†	0†	22	60†	350†	444	290†	140†	30†	10†	0
	White non-Hispanic	640†	0	6	23	148	212	157	68	24	*	0
	Hispanic or Latino	610†	*	16	32	183	196	109	62	6	0	0
	Black or African American	50†	0	0	0	11	20	12	*	*	0	0
	American Indian or Alaska Native	20†	0	0	*	*	7	*	*	0	0	0
	Asian or Pacific Islander	30†	0	0	0	*	9	10	9	0	0	0
<b>Coconino</b>	<b>Total</b>	1,370†	0	20†	50†	260†	420†	370†	200†	50†	0†	0
	White non-Hispanic	600†	0	*	8	84	196	186	100	24	*	0
	Hispanic or Latino	180†	0	*	11	34	53	46	24	7	0	0
	Black or African American	10†	0	0	*	*	*	*	*	*	0	0
	American Indian or Alaska Native	542	0	14	25	142	160	120	67	14	0	0
	Asian or Pacific Islander	30†	0	0	*	*	*	14	9	0	0	0
<b>Gila</b>	<b>Total</b>	470†	0†	20†	29	130†	160†	100†	40†	10†	0†	0
	White non-Hispanic	230†	0	*	8	58	81	52	19	*	*	0
	Hispanic or Latino	90†	0	*	13	33	26	8	7	0	0	0
	Black or African American	0†	0	0	0	*	*	0	0	0	0	0
	American Indian or Alaska Native	150†	*	10	8	33	47	36	7	*	*	0
	Asian or Pacific Islander	10†	0	0	0	*	0	*	*	*	0	0
<b>Graham</b>	<b>Total</b>	490†	0†	10†	26	150†	160†	90†	50†	10†	0	0
	White non-Hispanic	270†	0	*	10	82	91	53	24	*	0	0
	Hispanic or Latino	150†	*	*	8	49	47	22	13	*	0	0
	Black or African American	0†	0	0	0	*	*	0	*	0	0	0
	American Indian or Alaska Native	70†	0	*	8	17	23	15	7	0	0	0
	Asian or Pacific Islander	0†	0	0	0	0	0	*	*	0	0	0
<b>Greenlee</b>	<b>Total</b>	120†	0	0†	0†	29	60†	20†	10†	0†	0	0
	White non-Hispanic	60†	0	*	*	13	34	*	*	*	0	0
	Hispanic or Latino	60†	0	0	*	16	26	10	6	*	0	0
	Black or African American	0†	0	0	0	0	*	*	0	0	0	0
	American Indian or Alaska Native	0†	0	0	0	0	*	0	0	0	0	0
	Asian or Pacific Islander	0	0	0	0	0	0	0	0	0	0	0
<b>La Paz</b>	<b>Total</b>	190†	0†	0†	10†	50†	70†	30†	21	10†	0	0
	White non-Hispanic	70†	0	*	*	21	22	12	7	*	0	0
	Hispanic or Latino	60†	0	0	*	16	19	13	7	*	0	0
	Black or African American	0†	0	0	0	0	*	0	0	0	0	0
	American Indian or Alaska Native	50†	*	*	*	9	24	*	7	0	0	0
	Asian or Pacific Islander	0†	0	0	0	*	*	0	0	0	0	0
<b>Maricopa</b>	<b>Total</b>	50,998	20†	650†	1,840	10,247	15,303	14,098	7,180	1,540	120†	0†
	White non-Hispanic	22,210†	*	101	385	3,292	6,673	7,273	3,706	721	59	*
	Hispanic or Latino	20,904	15	458	1,176	5,510	6,394	4,510	2,237	566	38	0
	Black or African American	3,990†	*	57	166	898	1,204	1,001	542	109	10	0
	American Indian or Alaska Native	1,340†	0	29	88	354	402	293	143	30	*	0
	Asian or Pacific Islander	2,550†	0	*	25	193	630	1,021	552	114	9	0

**TABLE 5B-10 (continued)**  
**BIRTHS BY MOTHER'S AGE GROUP, RACE/ETHNICITY, AND COUNTY OF RESIDENCE, ARIZONA, 2019**

	Total	Mother's age group										
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	Un-known	
<b>Mohave</b>	<b>Total</b>	1,726	0	30†	100†	480†	550†	380†	150†	40†	10†	0
	<b>White non-Hispanic</b>	1,250†	0	16	63	341	390	289	118	29	*	0
	<b>Hispanic or Latino</b>	370†	0	*	25	111	136	67	16	8	*	0
	<b>Black or African American</b>	20†	0	*	*	8	*	*	*	0	0	0
	<b>American Indian or Alaska Native</b>	60†	0	*	6	17	15	12	*	*	0	0
	<b>Asian or Pacific Islander</b>	30†	0	0	0	*	*	11	7	*	0	0
<b>Navajo</b>	<b>Total</b>	1,360†	0	40†	71	330†	430†	310	150†	40†	0	0
	<b>White non-Hispanic</b>	460†	0	*	20	116	141	110	51	14	0	0
	<b>Hispanic or Latino</b>	180†	0	*	7	51	66	31	13	*	0	0
	<b>Black or African American</b>	0†	0	0	0	*	0	0	0	0	0	0
	<b>American Indian or Alaska Native</b>	711	0	27	44	157	223	162	80	18	0	0
	<b>Asian or Pacific Islander</b>	10†	0	0	0	*	*	7	*	0	0	0
<b>Pima</b>	<b>Total</b>	10,357	10†	150†	430†	2,122	3,252	2,694	1,397	290†	20†	0
	<b>White non-Hispanic</b>	4,070†	*	30	99	653	1,287	1,211	647	129	11	0
	<b>Hispanic or Latino</b>	5,010†	*	96	273	1,225	1,574	1,147	559	125	*	0
	<b>Black or African American</b>	500†	*	9	22	96	169	123	66	18	0	0
	<b>American Indian or Alaska Native</b>	440†	*	10	32	112	126	109	40	*	0	0
	<b>Asian or Pacific Islander</b>	340†	0	*	*	36	96	104	85	15	*	0
<b>Pinal</b>	<b>Total</b>	4,497	0	70†	210†	1,054	1,501	1,053	501	100†	20†	0
	<b>White non-Hispanic</b>	2,263	0	17	78	492	775	564	270	55	12	0
	<b>Hispanic or Latino</b>	1,630†	0	33	100	420	542	339	162	28	*	0
	<b>Black or African American</b>	210†	0	*	7	48	60	58	32	*	*	0
	<b>American Indian or Alaska Native</b>	310†	0	12	20	86	96	66	23	*	0	0
	<b>Asian or Pacific Islander</b>	90†	0	*	*	8	28	26	14	*	*	0
<b>Santa Cruz</b>	<b>Total</b>	600†	0	15	25	140†	190†	132	80†	20†	0†	0
	<b>White non-Hispanic</b>	30†	0	0	0	6	8	10	*	*	0	0
	<b>Hispanic or Latino</b>	570†	0	15	25	134	182	122	71	15	*	0
	<b>Black or African American</b>	0†	0	0	0	0	*	0	0	0	0	0
	<b>American Indian or Alaska Native</b>	0†	0	0	0	*	0	0	0	0	0	0
	<b>Asian or Pacific Islander</b>	0†	0	0	0	0	0	0	*	0	0	0
<b>Yavapai</b>	<b>Total</b>	1,810†	0†	30†	80†	460†	550†	410†	210†	60†	7	0
	<b>White non-Hispanic</b>	1,304	0	19	53	311	400	308	160	46	7	0
	<b>Hispanic or Latino</b>	420†	*	11	26	132	123	84	40	6	0	0
	<b>Black or African American</b>	10†	0	*	*	*	*	*	*	0	0	0
	<b>American Indian or Alaska Native</b>	40†	0	0	*	9	16	8	*	*	0	0
	<b>Asian or Pacific Islander</b>	30†	0	0	0	*	9	7	6	*	0	0
<b>Yuma</b>	<b>Total</b>	2,945	0	70†	180†	830†	920†	650†	250†	60†	0	0
	<b>White non-Hispanic</b>	520†	0	*	16	141	139	156	49	13	0	0
	<b>Hispanic or Latino</b>	2,305	0	61	153	647	752	471	185	36	0	0
	<b>Black or African American</b>	50†	0	0	*	18	15	*	*	*	0	0
	<b>American Indian or Alaska Native</b>	40†	0	0	*	18	10	6	*	*	0	0
	<b>Asian or Pacific Islander</b>	30†	0	0	*	*	*	11	8	*	0	0
<b>Unknown</b>	<b>Total</b>	20†	0	0	0	0†	10†	0†	0†	0†	0†	0†
	<b>White non-Hispanic</b>	10†	0	0	0	*	*	*	*	*	*	*
	<b>Hispanic or Latino</b>	10†	0	0	0	*	*	0	0	*	0	0
	<b>Black or African American</b>	0†	0	0	0	0	0	*	0	0	0	0
	<b>American Indian or Alaska Native</b>	0	0	0	0	0	0	0	0	0	0	0
	<b>Asian or Pacific Islander</b>	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.

**TABLE 5B-11  
BIRTHS BY TRIMESTER OF PREGNANCY PRENATAL CARE BEGAN AND MOTHER'S COUNTY OF RESIDENCE, ARIZONA, 2019**

	Total		No care		1st trimester		2nd trimester		3rd trimester		Unknown	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>ARIZONA</b>	79,183	100.0	2,040†	2.6	54,577	68.9	14,374	18.2	5,387	6.8	2,810†	0.2
<b>Apache</b>	895	100.0	50	5.6	547	61.1	221	24.7	56	6.3	21	2.3
<b>Cochise</b>	1,344	100.0	126	9.4	568	42.3	413	30.7	215	16.0	22	1.6
<b>Coconino</b>	1,367	100.0	18	1.3	889	65.0	191	14.0	65	4.8	204	14.9
<b>Gila</b>	473	100.0	18	3.8	303	64.1	95	20.1	40	8.5	17	3.6
<b>Graham</b>	493	100.0	11	2.2	352	71.4	91	18.5	38	7.7	*	**
<b>Greenlee</b>	124	100.0	*	0.0	97	78.2	16	12.9	10	8.1	0	0.0
<b>La Paz</b>	186	100.0	6	3.2	88	47.3	47	25.3	16	8.6	29	15.6
<b>Maricopa</b>	50,998	100.0	797	1.6	36,546	71.7	8,849	17.4	2,856	5.6	1,950	3.8
<b>Mohave</b>	1,726	100.0	43	2.5	1,156	67.0	305	17.7	119	6.9	103	6.0
<b>Navajo</b>	1,355	100.0	45	3.3	864	63.8	291	21.5	92	6.8	63	4.6
<b>Pima</b>	10,357	100.0	573	5.5	6,633	64.0	2,004	19.3	1,077	10.4	70	0.7
<b>Pinal</b>	4,497	100.0	75	1.7	3,156	70.2	749	16.7	279	6.2	238	5.3
<b>Santa Cruz</b>	599	100.0	73	12.2	287	47.9	129	21.5	104	17.4	6	1.0
<b>Yavapai</b>	1,806	100.0	31	1.7	1,323	73.3	324	17.9	75	4.2	53	2.9
<b>Yuma</b>	2,945	100.0	166	5.6	1,761	59.8	645	21.9	343	11.6	30	1.0
<b>Unknown</b>	18	100.0	*	**	7	38.9	*	**	*	**	*	**

Notes: \* Cell suppressed due to non-zero count less than 6; \*\* Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**TABLE 5B-12  
BIRTHS BY NUMBER OF PRENATAL VISITS AND COUNTY OF RESIDENCE, ARIZONA, 2019**

	Total		Number of prenatal visits											
			No visits		1-4 visits		5-8 visits		9-12 visits		13+ visits		Unknown	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>ARIZONA</b>	79,183	100.0	2,040†	2.6	4,435	5.6	13,898	17.6	34,216	43.2	23,085	29.2	1,510†	1.9
<b>Apache</b>	895	100.0	50	5.6	76	8.5	175	19.6	392	43.8	193	21.6	9	1.0
<b>Cochise</b>	1,344	100.0	126	9.4	153	11.4	349	26.0	536	39.9	171	12.7	9	0.7
<b>Coconino</b>	1,367	100.0	18	1.3	64	4.7	207	15.1	536	39.2	390	28.5	152	11.1
<b>Gila</b>	473	100.0	18	3.8	56	11.8	85	18.0	155	32.8	150	31.7	9	1.9
<b>Graham</b>	493	100.0	11	2.2	41	8.3	102	20.7	212	43.0	126	25.6	*	**
<b>Greenlee</b>	124	100.0	*	**	10	8.1	25	20.2	55	44.4	33	26.6	0	0.0
<b>La Paz</b>	186	100.0	6	3.2	16	8.6	53	28.5	56	30.1	52	28.0	*	**
<b>Maricopa</b>	50,998	100.0	797	1.6	2,294	4.5	8,266	16.2	22,912	44.9	15,703	30.8	1,026	2.0
<b>Mohave</b>	1,726	100.0	43	2.5	90	5.2	312	18.1	800	46.3	463	26.8	18	1.0
<b>Navajo</b>	1,355	100.0	45	3.3	112	8.3	294	21.7	598	44.1	265	19.6	41	3.0
<b>Pima</b>	10,357	100.0	573	5.5	942	9.1	2,293	22.1	4,068	39.3	2,460	23.8	21	0.2
<b>Pinal</b>	4,497	100.0	75	1.7	203	4.5	658	14.6	1,653	36.8	1,732	38.5	176	3.9
<b>Santa Cruz</b>	599	100.0	73	12.2	85	14.2	186	31.1	177	29.5	75	12.5	*	**
<b>Yavapai</b>	1,806	100.0	31	1.7	59	3.3	213	11.8	804	44.5	671	37.2	28	1.6
<b>Yuma</b>	2,945	100.0	166	5.6	232	7.9	677	23.0	1,254	42.6	600	20.4	16	0.5
<b>Unknown</b>	18	100.0	*	**	*	**	*	**	8	44.4	*	**	0	0.0

Notes: \* Cell suppressed due to non-zero count less than 6; \*\* Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**TABLE 5B-13  
BIRTHS BY MOTHER'S EDUCATION AND COUNTY OF RESIDENCE, ARIZONA, 2019**

	Total	Mother's education							
		8th Grade or less	Some High School	High School/GED	Some College	Associate Degree	Bachelor's Degree	Postgraduate Education	Unknown
<b>ARIZONA</b>	79,183	2,230†	10,236	21,201	18,193	6,791	13,464	6,630†	430†
<b>Apache</b>	895	*	110	284	293	116	60	23	*
<b>Cochise</b>	1,344	32	166	400	347	142	176	71	10
<b>Coconino</b>	1,367	13	142	353	325	119	266	146	*
<b>Gila</b>	473	*	92	161	127	37	29	14	8
<b>Graham</b>	493	12	76	161	113	74	46	10	*
<b>Greenlee</b>	124	*	12	50	30	10	15	*	*
<b>La Paz</b>	186	*	41	81	34	8	12	*	*
<b>Maricopa</b>	50,998	1,603	6,188	12,856	11,236	4,193	9,689	4,951	282
<b>Mohave</b>	1,726	35	302	631	429	119	141	44	25
<b>Navajo</b>	1,355	20	253	437	372	151	92	27	*
<b>Pima</b>	10,357	225	1,325	2,767	2,346	923	1,788	925	58
<b>Pinal</b>	4,497	66	641	1,376	1,294	402	534	171	13
<b>Santa Cruz</b>	599	22	132	173	111	53	79	29	0
<b>Yavapai</b>	1,806	24	281	532	463	168	239	85	14
<b>Yuma</b>	2,945	166	475	932	669	274	297	129	*
<b>Unknown</b>	18	0	0	7	*	*	*	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.

**TABLE 5B-14  
BIRTHS TO UNWED MOTHERS BY AGE GROUP AND COUNTY OF RESIDENCE, ARIZONA, 2019**

	Total	Mother's age group									
		<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unknown	
<b>ARIZONA</b>	35,610†	40†	3,870†	11,387	10,591	6,170†	2,850†	670†	40†	0†	
<b>Apache</b>	649	*	72	199	189	129	50	8	0	0	
<b>Cochise</b>	590	*	67	222	171	81	40	7	*	0	
<b>Coconino</b>	629	0	67	188	192	107	57	18	0	0	
<b>Gila</b>	280	*	42	85	92	48	7	*	*	0	
<b>Graham</b>	241	*	33	87	65	36	19	0	0	0	
<b>Greenlee</b>	48	0	*	18	24	*	*	0	0	0	
<b>La Paz</b>	118	*	10	33	40	18	14	*	0	0	
<b>Maricopa</b>	22,017	21	2,273	6,930	6,501	3,944	1,872	446	29	*	
<b>Mohave</b>	956	0	103	346	279	168	47	11	*	0	
<b>Navajo</b>	819	0	101	231	251	144	80	12	0	0	
<b>Pima</b>	4,713	8	529	1,469	1,453	810	353	87	*	0	
<b>Pinal</b>	2,158	0	246	728	657	343	158	23	*	0	
<b>Santa Cruz</b>	310	0	37	103	98	41	21	9	*	0	
<b>Yavapai</b>	771	*	101	277	188	121	64	18	*	0	
<b>Yuma</b>	1,309	0	186	470	390	174	68	21	0	0	
<b>Unknown</b>	2	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.



**TABLE 5B-15  
BIRTHS TO UNWED MOTHERS BY RACE/ETHNICITY, EDUCATION, AND COUNTY OF RESIDENCE, ARIZONA, 2019**

	Race/ethnicity								Education						
	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	8th Grade or less	Some High School	High School/GED	Some College	Associate Degree	Bachelor's Degree	Postgraduate Education	Unknown		
<b>ARIZONA</b>	10,690	17,905	3,050†	3,500†	470†	1,200†	7,496	12,970	8,722	2,450†	1,920†	690†	170†		
<b>Apache</b>	52	24	*	571	*	*	99	217	214	74	27	11	*		
<b>Cochise</b>	226	334	14	9	7	18	122	227	148	40	26	7	*		
<b>Coconino</b>	145	71	*	408	*	9	104	246	165	41	44	20	0		
<b>Gila</b>	101	56	*	120	*	*	78	103	64	16	8	*	*		
<b>Graham</b>	84	91	*	64	*	11	59	110	40	15	*	*	0		
<b>Greenlee</b>	18	28	0	*	0	*	8	24	12	*	*	0	0		
<b>La Paz</b>	42	36	0	39	*	0	28	62	18	6	*	*	*		
<b>Maricopa</b>	6,360	11,711	2,588	1,020	338	857	4,489	7,792	5,414	1,555	1,327	468	115		
<b>Mohave</b>	682	208	14	44	8	21	217	413	215	46	24	6	14		
<b>Navajo</b>	146	104	*	564	*	17	201	309	203	64	20	*	0		
<b>Pima</b>	1,291	2,743	269	342	68	117	1,026	1,764	1,143	296	246	105	16		
<b>Pinal</b>	867	883	129	254	25	36	494	824	565	122	90	21	6		
<b>Santa Cruz</b>	12	296	*	*	0	13	79	102	62	30	15	9	0		
<b>Yavapai</b>	524	207	6	30	*	14	186	293	185	46	36	9	*		
<b>Yuma</b>	139	1,112	19	30	9	81	306	482	274	93	54	18	*		
<b>Unknown</b>	*	*	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.

**TABLE 5B-16  
LOW-BIRTHWEIGHT BIRTHS BY COUNTY OF RESIDENCE, ARIZONA, 2009-2019**

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA<sup>a</sup></b>	6,573	6,155	5,949	5,946	5,849	6,069	6,093	6,186	6,109	6,106	5,829
<b>Apache</b>	91	75	67	60	53	66	53	79	73	79	66
<b>Cochise</b>	152	142	135	123	122	129	133	130	105	105	103
<b>Cocoonino</b>	154	131	144	140	117	123	143	128	136	112	101
<b>Gila</b>	55	59	49	35	49	44	66	49	59	56	49
<b>Graham</b>	46	27	41	40	47	43	42	48	41	47	42
<b>Greenlee</b>	7	10	6	6	7	7	8	8	16	14	12
<b>La Paz</b>	9	*	12	13	14	16	12	14	7	13	16
<b>Maricopa</b>	4,113	3,851	3,720	3,731	3,707	3,854	3,896	3,965	3,956	3,881	3,667
<b>Mohave</b>	136	141	100	104	111	114	140	128	126	123	112
<b>Navajo</b>	148	154	143	136	131	134	128	130	146	125	123
<b>Pima</b>	895	853	841	842	845	860	788	803	794	887	851
<b>Pinal</b>	352	330	319	333	298	339	322	292	311	325	327
<b>Santa Cruz</b>	73	58	48	51	46	38	41	58	41	33	40
<b>Yavapai</b>	154	115	139	142	139	121	125	144	134	120	135
<b>Yuma</b>	188	204	185	190	163	179	193	210	163	184	185

Notes: \* Cell suppressed due to non-zero count less than 6, <sup>a</sup> Includes records with unknown county of residence.

**TABLE 5B-17  
LOW-BIRTHWEIGHT BIRTH RATIOS<sup>a</sup> IN THE URBAN AND RURAL COUNTIES OF ARIZONA,  
2009-2019**

County of residence	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA</b>	71.0	70.7	69.8	69.4	68.8	70.0	71.7	73.3	74.8	75.8	73.6
<b>URBAN COUNTIES</b>	<b>70.2</b>	<b>70.2</b>	<b>69.3</b>	<b>68.7</b>	<b>68.2</b>	<b>70.1</b>	<b>70.7</b>	<b>72.3</b>	<b>73.8</b>	<b>75.5</b>	<b>73.1</b>
<b>Maricopa</b>	71.3	71.0	69.7	68.5	68.8	69.7	71.4	73.4	75.4	75.1	71.9
<b>Pima</b>	66.3	70.1	70.8	70.9	70.6	75.5	68.7	70.4	72.4	83.2	82.2
<b>Pinal<sup>b</sup></b>	70.0	66.1	69.2	71.5	65.3	72.6	72.3	65.3	70.9	72.3	72.7
<b>Yuma</b>	58.1	63.2	57.8	60.9	52.3	58.5	64.0	69.9	55.1	60.7	62.8
<b>RURAL COUNTIES</b>	<b>75.5</b>	<b>73.8</b>	<b>72.8</b>	<b>73.3</b>	<b>72.9</b>	<b>69.8</b>	<b>77.7</b>	<b>79.6</b>	<b>81.3</b>	<b>77.7</b>	<b>77.1</b>
<b>Apache</b>	73.3	68.2	62.6	64.5	55.7	64.8	55.6	77.3	77.2	86.8	73.7
<b>Cochise</b>	82.3	79.7	81.1	72.2	75.9	78.5	84.9	84.9	78.9	77.9	76.6
<b>Coconino</b>	81.3	73.8	81.3	82.9	72.0	72.3	90.8	79.3	90.3	74.7	73.9
<b>Gila</b>	78.1	88.1	79.0	57.5	83.1	67.8	113.8	82.6	109.1	112.7	103.6
<b>Graham</b>	71.3	50.9	67.7	76.2	78.3	71.3	72.4	86.0	77.4	91.6	85.2
<b>Greenlee</b>	53.8	95.2	50.4	52.6	56.0	48.6	51.9	53.7	102.6	107.7	96.8
<b>La Paz</b>	51.7	25.0	69.8	63.7	68.6	75.1	60.3	62.8	36.1	69.5	86.0
<b>Mohave</b>	61.3	69.7	51.0	59.9	63.7	62.2	75.9	71.0	72.7	68.7	64.9
<b>Navajo</b>	78.2	88.7	87.1	83.3	84.4	83.3	84.4	86.8	96.9	90.6	90.8
<b>Santa Cruz</b>	95.9	83.7	69.2	76.0	70.7	63.4	66.0	90.3	64.8	53.5	66.8
<b>Yavapai</b>	74.7	63.3	76.0	79.7	76.4	62.3	66.6	77.1	74.6	67.8	74.8

Notes: <sup>a</sup> Per 1,000 live births; <sup>b</sup> Pinal county became part of the Phoenix-Mesa-Scottsdale Metropolitan Area in 1993. This metropolitan area includes all of Maricopa and Pinal counties.

**TABLE 5B-18  
LOW-BIRTHWEIGHT BIRTHS BY MOTHER'S RACE/ETHNICITY AND COUNTY OF RESIDENCE, ARIZONA, 2019**

	Total	Mother's race/ethnicity					
		White non Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	
<b>ARIZONA</b>	5,829	2,330†	2,280†	600†	350†	270†	
<b>Apache</b>	66	9	*	0	53	0	
<b>Cochise</b>	103	52	41	9	*	0	
<b>Coconino</b>	101	42	14	*	40	*	
<b>Gila</b>	49	24	7	0	18	0	
<b>Graham</b>	42	22	15	0	*	0	
<b>Greenlee</b>	12	*	8	0	0	0	
<b>La Paz</b>	16	*	*	0	6	0	
<b>Maricopa</b>	3,667	1,431	1,435	496	75	230	
<b>Mohave</b>	112	81	25	0	*	*	
<b>Navajo</b>	123	36	12	0	75	0	
<b>Pima</b>	851	329	403	51	39	29	
<b>Pinal</b>	327	168	91	31	33	*	
<b>Santa Cruz</b>	40	*	37	0	0	0	
<b>Yavapai</b>	135	95	34	*	*	*	
<b>Yuma</b>	185	30	145	*	*	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.

**TABLE 5B-19  
LOW-BIRTHWEIGHT BIRTHS BY MOTHER'S AGE GROUP AND COUNTY OF RESIDENCE, ARIZONA, 2019**

	Total	Mother's age group								
		<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	
<b>ARIZONA</b>	5,829	0†	330†	1,210†	1,629	1,480†	910†	230†	40†	
<b>Apache</b>	66	0	*	20	18	12	7	*	0	
<b>Cochise</b>	103	0	6	24	36	17	16	*	*	
<b>Coconino</b>	101	0	*	15	32	26	18	8	0	
<b>Gila</b>	49	0	*	10	20	11	*	0	0	
<b>Graham</b>	42	0	*	15	9	7	*	*	0	
<b>Greenlee</b>	12	0	*	*	6	*	*	*	0	
<b>La Paz</b>	16	0	*	*	6	*	*	*	0	
<b>Maricopa</b>	3,667	*	207	731	986	983	586	148	24	
<b>Mohave</b>	112	0	*	32	36	27	13	*	0	
<b>Navajo</b>	123	0	*	25	40	30	22	*	0	
<b>Pima</b>	851	*	54	164	243	209	141	37	*	
<b>Pinal</b>	327	0	22	72	102	72	42	11	6	
<b>Santa Cruz</b>	40	0	*	7	9	12	6	*	*	
<b>Yavapai</b>	135	0	*	34	35	29	23	7	*	
<b>Yuma</b>	185	0	8	56	51	42	20	8	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.

**TABLE 5B-20  
TOTAL BIRTHS AND LOW-BIRTHWEIGHT BIRTHS BY THE PARTY PAYING FOR THE DELIVERY AND COUNTY OF RESIDENCE,  
ARIZONA, 2019**

TOTAL	ALL GROUPS	ARIZONA																
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown	
Payer for birth	Weight at birth	<2,500 g	66	103	101	49	42	12	16	3,667	112	123	851	327	40	135	185	0
		2,500+ g	829	1,237	1,265	424	451	112	169	47,304	1,612	1,231	9,498	4,168	559	1,670	2,759	18
		Unknown	0	*	*	0	0	0	*	27	*	*	8	*	0	*	*	*
	Total	895	1,344	1,367	473	493	124	186	50,998	1,726	1,355	10,357	4,497	599	1,806	2,945	18	
AHCCCS <sup>a</sup>	Weight at birth	<2,500 g	41	58	48	31	25	6	9	1,896	72	96	422	176	30	79	119	0
		2,500+ g	627	609	624	198	173	26	125	21,589	1,059	882	4,723	1,942	379	926	1,677	8
		Unknown	0	*	0	0	0	0	0	8	*	0	*	*	0	0	0	0
	Total	668	670	672	229	198	32	134	23,493	1,132	978	5,148	2,119	409	1,005	1,796	8	
IHS	Weight at birth	<2,500 g	6	0	*	9	*	0	*	14	0	6	12	10	0	*	0	0
		2,500+ g	44	*	39	95	44	0	9	188	8	30	124	117	0	7	19	0
		Unknown	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
	Total	50	0†	40†	104	50†	0	10†	204	8	36	136	127	0	10†	19	0	
Private insurance	Weight at birth	<2,500 g	6	25	47	8	15	6	*	1,522	33	17	356	123	8	48	42	0
		2,500+ g	117	365	493	114	205	79	30	21,583	420	257	3,821	1,895	114	612	636	*
		Unknown	0	0	0	0	0	0	0	*	0	0	*	*	0	0	0	0
	Total	123	390	540	122	220	85	30†	23,108	453	274	4,178	2,019	122	660	678	0†	
Self-pay	Weight at birth	<2,500 g	13	*	0	*	0	0	*	124	*	*	22	8	*	*	20	0
		2,500+ g	36	66	48	12	27	7	*	2,206	90	44	312	140	58	99	417	7
		Unknown	0	*	*	0	0	0	*	12	0	*	*	0	0	*	*	0
	Total	49	70†	49	10†	27	7	10†	2,342	90†	50†	335	148	60†	100†	438	7	
Unknown	Weight at birth	<2,500 g	0	19	*	0	0	0	*	111	*	0	39	10	0	6	*	0
		2,500+ g	*	195	61	*	*	0	0	1,738	35	18	518	74	8	26	10	0
		Unknown	0	0	0	0	0	0	0	*	*	0	*	0	0	0	0	0
	Total	10†	214	70†	10†	0†	0	0†	1,851	40†	18	560	84	8	32	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; <sup>a</sup> The Arizona Health Care Containment System (AHCCCS) is the State's Medicaid Program.

**TABLE 5B-21  
DISTRIBUTION OF LOW-BIRTHWEIGHT (LBW) BIRTHS AND LBW RISK BY  
NUMBER OF PRENATAL VISITS AND COUNTY OF RESIDENCE, ARIZONA, 2019**

		Prenatal visits						Total	
		No visits	1-4 visits	5-8 visits	9-12 visits	13+ visits	Unknown		
Apache	Births <2,500 grams (LBW)	Count	22	7	15	17	*	*	70†
		Share of LBW births <sup>a</sup>	33.3%	10.6%	22.7%	25.8%	6.1%	1.5%	100.0%
		LBW risk <sup>b</sup>	44.0%	9.2%	8.6%	4.3%	2.1%	11.1%	7.4%
	Total births	Count	50	76	175	392	193	9	895
Cochise	Births <2,500 grams (LBW)	Count	21	29	22	21	10	0	103
		Share of LBW births <sup>a</sup>	20.4%	28.2%	21.4%	20.4%	9.7%	0.0%	100.0%
		LBW risk <sup>b</sup>	16.7%	19.0%	6.3%	3.9%	5.8%	0.0%	7.7%
	Total births	Count	126	153	349	536	171	9	1,344
Coconino	Births <2,500 grams (LBW)	Count	*	8	25	25	25	13	100†
		Share of LBW births <sup>a</sup>	5.0%	7.9%	24.8%	24.8%	24.8%	12.9%	100.0%
		LBW risk <sup>b</sup>	27.8%	12.5%	12.1%	4.7%	6.4%	8.6%	7.4%
	Total births	Count	18	64	207	536	390	152	1,367
Gila	Births <2,500 grams (LBW)	Count	*	9	11	13	11	*	50†
		Share of LBW births <sup>a</sup>	8.2%	18.4%	22.4%	26.5%	22.4%	2.0%	100.0%
		LBW risk <sup>b</sup>	22.2%	16.1%	12.9%	8.4%	7.3%	11.1%	10.4%
	Total births	Count	18	56	85	155	150	9	473
Graham	Births <2,500 grams (LBW)	Count	*	7	10	14	7	0	40†
		Share of LBW births <sup>a</sup>	9.5%	16.7%	23.8%	33.3%	16.7%	0.0%	100.0%
		LBW risk <sup>b</sup>	36.4%	17.1%	9.8%	6.6%	5.6%	0.0%	8.5%
	Total births	Count	11	41	102	212	126	*	493
Greenlee	Births <2,500 grams (LBW)	Count	0	*	*	*	*	0	10†
		Share of LBW births <sup>a</sup>	0.0%	16.7%	25.0%	41.7%	16.7%	0.0%	100.0%
		LBW risk <sup>b</sup>	0.0%	20.0%	12.0%	9.1%	6.1%	0.0%	9.7%
	Total births	Count	*	10	25	55	33	0	120†
La Paz	Births <2,500 grams (LBW)	Count	*	*	*	*	*	0	20†
		Share of LBW births <sup>a</sup>	12.5%	25.0%	25.0%	25.0%	12.5%	0.0%	100.0%
		LBW risk <sup>b</sup>	33.3%	25.0%	7.5%	7.1%	3.8%	0.0%	8.6%
	Total births	Count	6	16	53	56	52	*	186
Maricopa	Births <2,500 grams (LBW)	Count	161	347	991	1,269	760	139	3,667
		Share of LBW births <sup>a</sup>	4.4%	9.5%	27.0%	34.6%	20.7%	3.8%	100.0%
		LBW risk <sup>b</sup>	20.2%	15.1%	12.0%	5.5%	4.8%	13.5%	7.2%
	Total births	Count	797	2,294	8,266	22,912	15,703	1,026	50,998
Mohave	Births <2,500 grams (LBW)	Count	7	11	38	32	21	*	112
		Share of LBW births <sup>a</sup>	6.3%	9.8%	33.9%	28.6%	18.8%	2.7%	100.0%
		LBW risk <sup>b</sup>	16.3%	12.2%	12.2%	4.0%	4.5%	16.7%	6.5%
	Total births	Count	43	90	312	800	463	18	1,726
Navajo	Births <2,500 grams (LBW)	Count	15	18	33	38	16	*	123
		Share of LBW births <sup>a</sup>	12.2%	14.6%	26.8%	30.9%	13.0%	2.4%	100.0%
		LBW risk <sup>b</sup>	33.3%	16.1%	11.2%	6.4%	6.0%	7.3%	9.1%
	Total births	Count	45	112	294	598	265	41	1,355
Pima	Births <2,500 grams (LBW)	Count	93	150	257	250	98	*	851
		Share of LBW births <sup>a</sup>	10.9%	17.6%	30.2%	29.4%	11.5%	0.4%	100.0%
		LBW risk <sup>b</sup>	16.2%	15.9%	11.2%	6.1%	4.0%	14.3%	8.2%
	Total births	Count	573	942	2,293	4,068	2,460	21	10,357
Pinal	Births <2,500 grams (LBW)	Count	12	27	65	113	96	14	327
		Share of LBW births <sup>a</sup>	3.7%	8.3%	19.9%	34.6%	29.4%	4.3%	100.0%
		LBW risk <sup>b</sup>	16.0%	13.3%	9.9%	6.8%	5.5%	8.0%	7.3%
	Total births	Count	75	203	658	1,653	1,732	176	4,497
Santa Cruz	Births <2,500 grams (LBW)	Count	15	*	9	6	*	0	40†
		Share of LBW births <sup>a</sup>	37.5%	12.5%	22.5%	15.0%	12.5%	0.0%	100.0%
		LBW risk <sup>b</sup>	20.5%	5.9%	4.8%	3.4%	6.7%	0.0%	6.7%
	Total births	Count	73	85	186	177	75	*	599
Yavapai	Births <2,500 grams (LBW)	Count	*	8	27	54	39	*	140†
		Share of LBW births <sup>a</sup>	3.0%	5.9%	20.0%	40.0%	28.9%	2.2%	100.0%
		LBW risk <sup>b</sup>	12.9%	13.6%	12.7%	6.7%	5.8%	10.7%	7.5%
	Total births	Count	31	59	213	804	671	28	1,806
Yuma	Births <2,500 grams (LBW)	Count	23	31	64	49	17	*	185
		Share of LBW births <sup>a</sup>	12.4%	16.8%	34.6%	26.5%	9.2%	0.5%	100.0%
		LBW risk <sup>b</sup>	13.9%	13.4%	9.5%	3.9%	2.8%	6.3%	6.3%
	Total births	Count	166	232	677	1,254	600	16	2,945
Unknown	Births <2,500 grams (LBW)	Count	0	0	0	0	0	0	0
		Share of LBW births <sup>a</sup>	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
		LBW risk <sup>b</sup>	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Total births	Count	*	*	*	8	*	0	20†

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> Percent distribution of LBW births by number of prenatal visits; <sup>b</sup> Number of LBW births per 100 births in specified prenatal care group.

**TABLE 5B-22  
AVERAGE NUMBER<sup>a</sup> OF PRENATAL VISITS DURING PREGNANCY ACCORDING TO SELECTED CHARACTERISTICS OF  
NEWBORNS AND MOTHERS GIVING BIRTH BY COUNTY OF RESIDENCE, ARIZONA, 2019**

	Marital status			Payer for births				Mother's race/ethnicity				Length of gestation			Weight at birth			Newborn intensive care					
	Married	Unmarried	Unknown	AHCCCS <sup>b</sup>	IHS	Private insurance	Self-pay	Unknown	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	<37 weeks	37-41 weeks	42+ weeks	Unknown	<2,500 grams	2,500+ grams	Unknown	Yes	No	
<b>ARIZONA</b>	10.9	11.3	10.4	9.3	10.3	8.4	11.7	10.2	10.7	11.4	10.6	10.4	9.4	11.3	9.4	11.0	10.6	6.9	9.6	11.0	7.3	9.9	11.0
<b>Apache</b>	10.0	10.6	9.8	9.3	10.0	9.9	10.2	8.4	10.7	10.1	9.9	14.0	10.0	10.0	8.6	10.1	0.0	10.0	8.3	10.1	0.0	8.5	10.1
<b>Cochise</b>	9.1	9.5	8.5	9.6	8.3	5.0	10.3	8.6	9.4	9.5	8.6	9.4	9.2	9.0	6.6	9.3	9.0	5.7	7.2	9.2	6.0	7.4	9.3
<b>Coconino</b>	11.1	11.8	10.3	8.8	10.4	10.1	12.0	10.7	11.1	11.8	11.3	11.7	10.1	12.2	9.4	11.2	8.0	7.0	10.2	11.1	7.0	10.2	11.1
<b>Gila</b>	10.4	11.4	9.7	9.3	10.9	6.8	12.2	9.5	11.3	11.4	12.1	9.5	7.4	10.9	9.4	10.5	0.0	0.0	9.0	10.5	0.0	9.7	10.4
<b>Graham</b>	10.2	10.7	9.7	10.0	10.3	6.3	11.1	8.8	8.5	10.9	10.5	10.3	6.9	15.5	8.9	10.4	0.0	0.0	9.3	10.3	0.0	9.1	10.3
<b>Greenlee</b>	10.5	11.0	9.9	1.0	9.6	0.0	11.1	8.2	0.0	10.9	10.3	9.0	8.0	0.0	8.9	10.8	0.0	0.0	9.8	10.6	0.0	8.4	10.7
<b>La Paz</b>	10.0	11.1	9.6	5.2	9.6	10.1	12.6	6.0	1.0	11.2	10.3	11.0	7.6	11.7	7.5	10.4	0.0	0.0	7.2	10.3	8.0	8.0	10.1
<b>Maricopa</b>	11.1	11.6	10.6	9.6	10.6	8.6	11.8	10.4	10.8	11.5	10.9	10.6	9.4	11.5	9.7	11.3	10.8	6.7	9.9	11.2	6.9	10.3	11.2
<b>Mohave</b>	10.7	11.4	10.2	9.0	10.4	9.6	11.4	11.2	9.6	11.0	10.2	9.9	8.4	10.0	9.3	10.8	1.0	0.0	9.5	10.8	0.0	9.3	10.8
<b>Navajo</b>	9.9	10.5	9.6	8.6	9.7	9.0	10.7	9.7	10.4	10.7	10.2	0.0	9.4	9.2	8.5	10.1	7.5	0.0	8.9	10.0	0.0	9.0	10.0
<b>Pima</b>	10.1	10.7	9.4	8.4	9.3	8.2	11.1	9.1	10.5	10.7	9.9	8.8	8.8	9.8	8.4	10.3	12.0	8.3	8.5	10.2	9.0	9.0	10.2
<b>Pinal</b>	11.7	12.1	11.3	9.4	11.2	8.9	12.4	10.7	12.0	12.0	11.6	11.0	10.0	11.5	10.5	11.8	10.8	6.0	10.6	11.8	7.0	11.0	11.7
<b>Santa Cruz</b>	8.6	8.4	8.8	5.6	8.7	0.0	9.0	6.6	6.8	8.4	8.6	10.0	2.0	27.0	7.5	8.7	1.0	5.0	8.2	8.6	0.0	7.2	8.7
<b>Yavapai</b>	11.5	11.8	11.1	10.0	11.1	9.3	12.2	10.8	11.0	11.6	11.1	11.0	9.0	11.4	10.3	11.6	12.7	9.7	11.0	11.5	10.0	11.4	11.5
<b>Yuma</b>	9.8	10.0	9.6	9.4	9.5	8.8	10.7	9.9	12.5	10.6	9.7	10.2	9.4	9.7	7.8	10.0	6.3	5.0	7.9	10.0	6.0	8.4	9.9
<b>Unknown</b>	8.9	12.0	0.0	8.7	9.1	0.0	8.3	9.0	0.0	9.4	9.2	3.0	0.0	10.0	12.0	9.2	0.0	3.0	0.0	8.9	0.0	0.0	8.9

Notes: <sup>a</sup> The arithmetic mean value for the number of prenatal visits in specified group; Excluded are cases with no prenatal care and/or unspecified number of prenatal visits; <sup>b</sup> The Arizona Health Care Cost Containment System (AHCCCS) is the State's Medicaid program.



**TABLE 5B-23  
BIRTHS BY GESTATIONAL AGE AND BIRTHWEIGHT BY MOTHER'S COUNTY OF RESIDENCE, ARIZONA, 2019**

	Total				Gestational age							
	Total	Gestational age			Preterm, <37 weeks				37 weeks or more			
		Preterm, <37 weeks	37 weeks or more	Un-known	Total	<2,500 grams	2,500+ grams	Un-known	Total	<2,500 grams	2,500+ grams	Un-known
<b>ARIZONA</b>	79,183	7,396	71,710	80†	7,396	3,993	3,398	10†	71,710	1,830†	69,857	30†
<b>Apache</b>	895	81	807	7	81	40	41	0	807	24	783	0
<b>Cochise</b>	1,344	106	1,234	*	106	63	43	0	1,234	40	1,191	*
<b>Coconino</b>	1,367	132	1,231	*	132	76	56	0	1,231	25	1,206	0
<b>Gila</b>	473	59	413	*	59	36	23	0	413	13	400	0
<b>Graham</b>	493	43	449	*	43	24	19	0	449	18	431	0
<b>Greenlee</b>	124	15	109	0	15	7	8	0	109	*	104	0
<b>La Paz</b>	186	28	158	0	28	13	15	0	158	*	154	*
<b>Maricopa</b>	50,998	4,703	46,263	32	4,703	2,507	2,194	*	46,263	1,157	45,091	15
<b>Mohave</b>	1,726	155	1,566	*	155	83	72	0	1,566	27	1,538	*
<b>Navajo</b>	1,355	142	1,211	*	142	85	57	0	1,211	38	1,173	0
<b>Pima</b>	10,357	1,023	9,327	7	1,023	571	450	*	9,327	279	9,045	*
<b>Pinal</b>	4,497	438	4,055	*	438	229	209	0	4,055	98	3,955	*
<b>Santa Cruz</b>	599	45	553	*	45	29	16	0	553	10	543	0
<b>Yavapai</b>	1,806	167	1,633	6	167	94	73	0	1,633	41	1,591	*
<b>Yuma</b>	2,945	258	2,685	*	258	136	121	*	2,685	49	2,636	0
<b>Unknown</b>	18	*	16	*	0†	0	*	0	16	0	16	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.

**TABLE 5B-24  
NEWBORNS ADMITTED TO NEWBORN INTENSIVE CARE UNITS BY GESTATIONAL AGE, BIRTHWEIGHT, AND MOTHER'S  
COUNTY OF RESIDENCE, ARIZONA, 2019**

	Total	Gestational age			Weight at birth		
		Preterm, <37 weeks	Not Preterm	Unknown	<2,500 grams	2,500+ grams	Unknown
<b>ARIZONA</b>	6,065	3,270†	2,790†	10†	2,710†	3,350†	10†
<b>Apache</b>	67	42	22	*	36	31	0
<b>Cochise</b>	131	56	74	*	56	74	*
<b>Coconino</b>	115	66	49	0	59	56	0
<b>Gila</b>	30	21	9	0	18	12	0
<b>Graham</b>	30	16	14	0	15	15	0
<b>Greenlee</b>	10†	*	*	0	*	*	0
<b>La Paz</b>	10†	10	*	0	*	7	*
<b>Maricopa</b>	3,482	1,877	1,603	*	1,554	1,924	*
<b>Mohave</b>	82	60	21	*	53	29	0
<b>Navajo</b>	127	67	60	0	63	64	0
<b>Pima</b>	1,192	586	606	0	484	707	*
<b>Pinal</b>	410	218	192	0	168	242	0
<b>Santa Cruz</b>	41	27	13	*	20	21	0
<b>Yavapai</b>	115	63	51	*	56	59	0
<b>Yuma</b>	222	157	65	0	121	101	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.

**TABLE 5B-25  
MEDICAL AND OTHER RISK FACTORS BY MOTHER'S COUNTY OF RESIDENCE, ARIZONA, 2019**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
<b>Total</b>	20,197	382	367	400	139	122	33	27	12,163	285	524	3,423	1,145	114	297	772	4
<b>Births with medical risk factors</b>																	
<b>Pre-existing diabetes</b>	880†	35	13	21	11	*	*	*	491	18	28	122	68	6	19	38	0
<b>Gestational diabetes</b>	6,881	122	105	155	24	35	8	12	4,305	94	196	1,037	400	34	99	255	0
<b>Pre-existing hypertension</b>	1,210†	24	28	27	9	8	*	0	700	20	25	222	63	14	10	54	0
<b>Gestational hypertension</b>	6,340†	117	86	143	51	42	12	9	3,938	69	199	955	398	47	83	188	*
<b>Eclampsia</b>	110†	0	*	*	*	*	0	0	70	*	7	9	9	*	*	*	0
<b>Previous preterm birth</b>	3,320†	43	67	54	20	9	9	*	1,831	59	98	605	210	17	66	230	*
<b>Other previous poor pregnancy outcome</b>	2,960†	64	87	23	*	15	6	*	1,598	20	37	961	75	19	14	35	*
<b>Gonorrhea</b>	300†	12	*	7	*	*	*	*	168	*	11	42	21	*	*	16	0
<b>Syphilis</b>	170†	*	*	*	9	*	0	*	97	*	10	18	16	0	0	7	*
<b>Chlamydia</b>	2,090†	64	48	52	28	17	*	*	1,157	37	81	315	129	*	26	120	*
<b>Hepatitis B</b>	110†	*	*	*	*	0	0	0	70	*	*	24	*	0	*	*	0
<b>Hepatitis C</b>	210†	*	*	*	*	*	0	0	103	13	*	50	8	0	11	*	0
<b>Substance use</b>																	
<b>Non-smoker</b>	75,030†	695	1,221	1,303	412	441	107	171	49,156	1,302	1,209	9,799	4,197	594	1,567	2,853	*
<b>Light smoker (less than 10 cigarettes per day)</b>	2,060†	14	63	25	33	31	10	6	1,018	123	84	304	164	0	145	37	*
<b>Heavy smoker (10 or more cigarettes per day)</b>	1,370†	8	53	14	27	18	*	*	636	116	30	220	123	*	86	24	0
<b>Unknown</b>	730†	178	7	25	*	*	*	6	188	185	32	34	13	*	8	31	13
<b>Total births</b>	79,183	895	1,344	1,367	473	493	124	186	50,998	1,726	1,355	10,357	4,497	599	1,806	2,945	18

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.

**TABLE 5B-26  
OBSTETRIC PROCEDURES AND METHOD OF DELIVERY BY MOTHER'S COUNTY OF RESIDENCE, ARIZONA, 2019**

	ARIZONA	Apache	Cochise	Cocoino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
<b>Total</b>	40,744	486	642	723	293	301	76	35	25,822	737	725	6,134	2,236	291	781	1,459	3
<b>Obstetric procedures</b>																	
<b>Induction of labor</b>	24,560 <sup>†</sup>	296	417	465	191	180	47	31	15,750	497	455	3,348	1,396	136	540	812	*
<b>Augmentation of labor</b>	22,780 <sup>†</sup>	220	309	382	135	117	30	11	15,025	286	293	3,219	1,205	178	269	1,099	*
<b>Cervical cerclage</b>	190 <sup>†</sup>	0	*	*	*	0	0	0	106	*	*	50	9	*	*	8	0
<b>Tocolysis</b>	500 <sup>†</sup>	7	17	7	9	9	*	0	197	*	15	210	12	*	*	*	0
<b>External cephalic version successful</b>	80 <sup>†</sup>	*	*	*	*	*	*	0	40	0	*	13	*	0	0	*	0
<b>External cephalic version failed</b>	120 <sup>†</sup>	7	*	8	*	0	0	0	61	*	11	18	*	*	*	*	0
<b>Method of delivery</b>																	
<b>Vaginal</b>	55,071	709	951	1,027	304	348	86	136	35,524	1,179	979	7,161	3,107	353	1,218	1,977	12
<b>C-Section</b>	21,978	166	358	310	128	115	31	49	14,245	472	327	2,875	1,323	208	513	852	6
<b>Forceps</b>	320 <sup>†</sup>	*	*	*	15	*	*	0	195	*	0	52	12	*	7	17	0
<b>Vacuum</b>	1,810 <sup>†</sup>	18	31	29	26	28	6	*	1,033	70	49	267	55	35	67	99	0
<b>Unknown</b>	0 <sup>†</sup>	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.

**TABLE 5B-27  
COMPLICATIONS OF LABOR AND/OR DELIVERY BY MOTHER'S COUNTY OF RESIDENCE, ARIZONA, 2019**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
<b>Total</b>	23,589	265	405	413	188	101	28	28	15,454	321	353	3,346	1,150	116	364	1,053	4
<b>Complications of labor and/or delivery</b>																	
<b>Premature rupture of the membranes</b>	4,070†	75	91	113	31	*	7	6	2,229	65	58	951	213	26	46	150	0
<b>Precipitous labor</b>	4,380†	73	111	62	35	*	0	*	2,960	52	85	621	168	8	43	148	*
<b>Prolonged labor</b>	2,070†	39	49	74	23	*	0	*	1,297	28	50	363	81	7	23	30	0
<b>Breech presentation</b>	3,120†	30	59	57	20	25	8	*	1,876	69	69	454	182	23	104	136	0
<b>Chorioamnionitis</b>	1,750†	10	26	21	7	*	0	*	1,008	14	15	333	87	13	9	197	0
<b>Meconium staining of the amniotic fluid</b>	5,600†	42	57	75	32	38	12	8	3,735	48	76	638	323	38	46	429	*
<b>Fetal intolerance</b>	6,960†	35	77	94	104	25	*	8	5,309	95	46	579	305	20	140	114	*
<b>Maternal transfusion</b>	540†	12	11	8	*	14	0	*	268	*	19	92	35	0	6	63	0
<b>Third or fourth degree perineal laceration</b>	370†	6	*	10	*	*	0	0	231	*	*	76	10	*	6	18	0
<b>Ruptured uterus</b>	40†	*	*	0	0	*	0	0	19	0	*	11	*	0	*	*	0
<b>Unplanned Hysterectomy</b>	50†	*		*	0	0	0	0	25	*	0	14	*	0	0	0	0
<b>Admission to intensive care unit</b>	140†	*	*	*	0	0	0	*	93	*	*	13	14	0	*	8	0
<b>Unplanned surgery following delivery</b>	190†	8	8	*	*	*	0	0	92	*	7	25	10	*	*	22	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.

**TABLE 5B-28  
ABNORMAL CONDITIONS OF THE NEWBORN BY MOTHER'S COUNTY OF RESIDENCE, ARIZONA, 2019**

	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>ARIZONA</b>	46	82	100	32	27	6	*	1,912	80	130	706	283	32	108	141
<b>Total</b>	3,690†														
<b>Abnormal conditions of the newborn</b>															
<b>Assisted ventilation immediately after delivery</b>	32	55	81	28	19	*	*	1,332	59	97	447	180	18	87	86
<b>Assisted ventilation for more than 6 hours</b>	19	35	23	6	12	*	*	777	27	50	339	100	14	52	64
<b>Surfactant replacement therapy</b>	*	9	6	*	*	0	*	190	*	*	116	30	7	*	14
<b>Suspected neonatal sepsis</b>	17	43	13	8	10	*	*	938	33	43	385	139	26	27	74
<b>Seizure or serious neurologic dysfunction</b>	*	*	0	0	0	0	0	17	0	0	*	*	*	0	*
<b>Significant birth injury</b>	*	*	9	*	*	0	0	30	*	*	*	*	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.

**TABLE 5B-29  
BIRTHS WITH CONGENITAL ANOMALIES MENTIONED ON BIRTH CERTIFICATE BY COUNTY OF RESIDENCE, ARIZONA, 2019**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>Total</b>	330†	6	7	16	*	*	*	*	167	15	8	50	25	*	14	14
<b>Congenital anomalies of the newborn</b>																
<b>Anencephalus</b>	10†	0	0	0	0	0	0	0	6	0	0	*	0	0	0	0
<b>Spina bifida / Meningocele</b>	20†	0	0	0	0	0	*	0	13	0	*	0	*	0	0	0
<b>Cyanotic congenital heart disease</b>	50†	0	0	*	0	0	0	0	34	*	0	*	*	0	*	0
<b>Congenital diaphragmatic hernia</b>	10†	0	0	*	0	0	0	0	*	0	0	0	0	0	*	*
<b>Omphalocele / Gastroschisis</b>	40†	0	*	0	0	*	0	0	15	0	*	13	*	*	*	*
<b>Limb reduction defect</b>	10†	*	0	0	0	*	*	0	*	0	0	*	*	0	0	0
<b>Cleft lip / palate</b>	60†	*	0	*	0	0	0	0	35	*	*	6	*	0	*	*
<b>Down syndrome</b>	60†	0	*	*	0	*	0	0	31	*	0	11	6	0	*	*
<b>Suspected chromosomal disorder</b>	30†	0	0	*	*	0	0	0	20	0	0	6	*	0	*	*
<b>Hypospadias</b>	10†	0	0	*	0	0	0	0	6	*	0	*	0	0	*	0
<b>Unknown congenital anomalies</b>	60†	*	*	9	0	*	0	*	15	10	*	8	*	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.

**TABLE 5B-30  
RATES OF OCCURRENCE<sup>a</sup> FOR SELECTED CHARACTERISTICS OF NEWBORNS AND MOTHERS GIVING BIRTH  
BY COUNTY OF RESIDENCE, ARIZONA, 2019**

Characteristics	Total	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>Births with complications of labor and/or delivery</b>	29.8	29.6	30.1	30.2	39.7	20.5	22.6	15.1	30.3	18.6	26.1	32.3	25.6	19.4	20.2	35.8
<b>Births with medical risk factors</b>	25.5	42.7	27.3	29.3	29.4	24.7	26.6	14.5	23.8	16.5	38.7	33.1	25.5	19.0	16.4	26.2
<b>Preterm births (gestational age &lt;37 weeks)</b>	9.3	9.1	7.9	9.7	12.5	8.7	12.1	15.1	9.2	9.0	10.5	9.9	9.7	7.5	9.2	8.8
<b>Births with abnormal conditions of the newborn</b>	4.7	5.1	6.1	7.3	6.8	5.5	4.8	1.6	3.7	4.6	9.6	6.8	6.3	5.3	6.0	4.8
<b>Low birthweight births (&lt;2,500 grams)</b>	7.4	7.4	7.7	7.4	10.4	8.5	9.7	8.6	7.2	6.5	9.1	8.2	7.3	6.7	7.5	6.3
<b>Very low birthweight births (&lt;1,500 grams)</b>	1.1	1.5	1.3	1.1	1.3	1.0	1.6	2.2	1.1	1.1	1.7	1.2	1.2	1.0	1.1	1.3
<b>Births with congenital anomalies of the newborn</b>	0.4	0.7	0.5	1.2	0.4	0.8	1.6	0.5	0.3	0.9	0.6	0.5	0.6	0.2	0.8	0.5
<b>Tobacco use during pregnancy</b>	4.3	2.5	8.6	2.9	12.7	9.9	12.1	4.8	3.2	13.8	8.4	5.1	6.4	0.7	12.8	2.1
<b>C-section</b>	27.8	18.5	26.6	22.7	27.1	23.3	25.0	26.3	27.9	27.3	24.1	27.8	29.4	34.7	28.4	28.9
<b>Infants admitted to newborn intensive care units</b>	7.7	7.5	9.7	8.4	6.3	6.1	6.5	7.0	6.8	4.8	9.4	11.5	9.1	6.8	6.4	7.5
<b>Women giving birth who received prenatal care in the 1<sup>st</sup> trimester</b>	68.9	61.1	42.3	65.0	64.1	71.4	78.2	47.3	71.7	67.0	63.8	64.0	70.2	47.9	73.3	59.8
<b>Public sources of payment for birth<sup>b</sup></b>	49.9	80.2	50.0	52.1	70.4	49.5	25.8	78.0	46.5	66.0	74.8	51.0	49.9	68.3	56.1	61.6
<b>Births to unmarried mothers</b>	45.0	72.5	43.9	46.0	59.2	48.9	38.7	63.4	43.2	55.4	60.4	45.5	48.0	51.8	42.7	44.4

Notes: <sup>a</sup> per 100 births; <sup>b</sup> Includes both Arizona Health Care Cost Containment System (AHCCCS) and Indian Health Services (IHS).



# **5C**

## **FETAL AND PERINATAL DEATHS**

**TABLE 5C-1  
PERINATAL DEATHS AND PERINATAL MORTALITY RATES<sup>a</sup> BY COUNTY OF MOTHER'S RESIDENCE, ARIZONA, 2019**

	Live births + reportable spontaneous fetal losses of 28 or more weeks of gestation	Number of infant deaths of less than 7 days	Number of reportable spontaneous fetal losses of 28 or more weeks of gestation	Total Perinatal Deaths	
				Count	Rate
<b>ARIZONA</b>	79,430	206	247	453	5.7
<b>Apache</b>	898	*	*	*	**
<b>Cochise</b>	1,346	7	*	9	6.7
<b>Coconino</b>	1,374	*	7	11	8.0
<b>Gila</b>	473	0	0	0	0.0
<b>Graham</b>	496	*	*	*	**
<b>Greenlee</b>	124	0	0	0	0.0
<b>La Paz</b>	187	*	*	*	**
<b>Maricopa</b>	51,155	120	157	277	5.4
<b>Mohave</b>	1,731	*	*	10	5.8
<b>Navajo</b>	1,359	*	*	9	6.6
<b>Pima</b>	10,382	25	25	50	4.8
<b>Pinal</b>	4,512	14	15	29	6.4
<b>Santa Cruz</b>	600	*	*	*	**
<b>Yavapai</b>	1,813	6	7	13	7.2
<b>Yuma</b>	2,958	14	13	27	9.1
<b>Unknown</b>	18	0	0	0	NA

Notes: \* Cell suppressed due to non-zero count less than 6; \*\* Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; <sup>a</sup> The number of perinatal deaths per 1,000 live births + fetal losses at 28 or more weeks of gestation.

**TABLE 5C-2  
REPORTABLE SPONTANEOUS FETAL LOSSES<sup>a</sup> BY GESTATIONAL AGE, WEIGHT IN GRAMS, AND COUNTY OF RESIDENCE,  
ARIZONA, 2019**

	Total	Gestational age <sup>b</sup>		Weight in grams					
		20-27 weeks	28+ weeks	<350	350-499	500-2,499	2,500-3,999	4,000+	Unknown
<b>ARIZONA</b>	489	242	247	120	61	202	95	7	4
<b>Apache</b>	0†	*	*	0	*	0	*	0	0
<b>Cochise</b>	10†	9	*	6	*	*	*	0	0
<b>Coconino</b>	20†	8	7	*	*	6	*	0	0
<b>Gila</b>	10†	*	*	*	0	*	*	0	0
<b>Graham</b>	0†	*	*	0	0	*	*	0	0
<b>Greenlee</b>	0†	0	*	0	0	*	0	0	0
<b>La Paz</b>	0†	0	*	0	0	*	0	0	0
<b>Maricopa</b>	308	151	157	80	34	124	61	6	*
<b>Mohave</b>	10†	*	*	*	*	6	0	0	0
<b>Navajo</b>	10†	*	*	*	*	6	0	0	0
<b>Pima</b>	63	38	25	13	12	30	7	0	*
<b>Pinal</b>	30†	12	15	6	*	12	6	0	0
<b>Santa Cruz</b>	0†	*	*	*	*	*	0	0	0
<b>Yavapai</b>	10†	*	7	*	0	*	*	*	0
<b>Yuma</b>	20†	*	13	*	*	9	7	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> Includes spontaneous terminations of pregnancy at 20 or more weeks of gestation (or if gestational age is unknown, the deaths of fetuses of at least 350 grams in weight), excludes abortions; <sup>b</sup> For statistical purposes, fetal deaths are classified according to gestational age; a death that occurs at 20 or more weeks of gestation constitutes a fetal death, and after 28 weeks it is considered a late fetal death.

**TABLE 5C-3 (CORRECTION)  
REPORTABLE SPONTANEOUS FETAL DEATHS<sup>a</sup> AND FETAL DEATH RATES<sup>b</sup> BY COUNTY OF MOTHER'S RESIDENCE  
AND YEAR, ARIZONA, 2009-2019**

	Number of fetal deaths										Fetal death rates												
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
	<b>ARIZONA</b>	511	443	470	470	545	519	524	486	481	472	489	5.5	5.1	5.5	5.4	6.4	6.0	6.1	5.7	5.9	5.8	6.1
<b>Apache</b>	*	*	6	*	8	10	*	*	10	*	*	**	**	5.6	**	8.3	9.7	**	**	10.5	**	**	
<b>Cochise</b>	15	11	15	9	6	10	12	10	*	10	11	8.1	6.1	9.0	5.3	3.7	6.1	7.6	6.5	**	7.4	8.1	
<b>Coconino</b>	12	*	15	10	6	*	9	13	9	7	15	6.3	**	8.4	5.9	3.7	**	5.7	8.0	5.9	4.6	10.9	
<b>Gila</b>	8	*	6	6	7	7	*	8	*	*	*	11.2	**	9.6	9.8	11.7	10.8	**	13.3	**	**	**	
<b>Graham</b>	*	0	*	*	*	*	*	*	*	*	*	**	0.0	**	**	**	**	**	**	**	**	**	**
<b>Greenlee</b>	0	0	0	0	*	0	0	*	*	0	*	0.0	0.0	0.0	0.0	**	<b>0.0</b>	0.0	**	**	0.0	**	
<b>La Paz</b>	0	*	0	*	*	*	0	*	*	*	*	0.0	**	0.0	**	**	**	0.0	**	**	**	**	
<b>Maricopa</b>	311	289	299	285	363	<b>315</b>	330	314	303	300	308	5.4	5.3	5.6	5.2	6.7	5.7	6.0	5.8	5.7	5.8	6.0	
<b>Mohave</b>	14	8	10	12	11	<b>20</b>	11	17	15	11	10	6.3	4.0	5.1	6.9	6.3	10.9	5.9	9.3	8.6	6.1	5.8	
<b>Navajo</b>	11	8	8	12	10	<b>14</b>	7	13	14	14	8	5.8	4.6	4.9	7.3	6.4	8.7	4.6	8.6	9.2	10.1	5.9	
<b>Pima</b>	68	64	56	64	73	<b>76</b>	72	55	71	52	63	5.3	5.2	4.7	5.4	6.1	6.4	6.2	4.8	6.4	4.9	6.0	
<b>Pinal</b>	29	24	22	33	21	<b>28</b>	28	19	32	35	27	5.4	4.8	4.8	7.1	4.6	<b>6.2</b>	6.2	4.2	7.2	7.7	6.0	
<b>Santa Cruz</b>	*	*	*	*	*	*	*	*	*	*	*	**	**	**	**	**	**	**	**	**	**	**	**
<b>Yavapai</b>	16	10	7	*	16	<b>11</b>	13	12	7	14	10	7.7	5.5	3.8	**	8.7	5.6	6.9	6.4	3.9	7.9	5.5	
<b>Yuma</b>	18	15	21	26	14	14	27	10	7	12	18	5.5	4.6	6.5	8.3	4.5	4.6	8.9	3.3	2.4	3.9	6.1	
<b>Unknown</b>	*	*	*	0	0	0	0	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Notes: \* Cell suppressed due to non-zero count less than 6; \*\* Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; <sup>a</sup> Includes spontaneous terminations of pregnancy at 20 or more weeks of gestation (or if gestational age is unknown, the deaths of fetuses of at least 350 grams in weight), excludes abortions; <sup>b</sup> Per 1,000 live births plus reportable spontaneous fetal deaths.

**TABLE 5C-4  
REPORTABLE SPONTANEOUS FETAL LOSSES<sup>a</sup> BY COUNTY OF RESIDENCE OF MOTHER, RACE, AND SEX OF CHILD  
ARIZONA, 2019**

	All groups				White non-Hispanic				Hispanic or Latino				Black or African American				American Indian or Alaska Native			Asian or Pacific Islander		
	Total	Male	Female	Un-known	Total	Male	Female	Un-known	Total	Male	Female	Un-known	Total	Male	Female	Un-known	Total	Male	Female	Total	Male	Female
<b>ARIZONA<sup>b</sup></b>	489	271	215	3	187	102	84	1	196	114	81	1	58	29	28	1	37	19	18	11	7	4
<b>Apache</b>	0†	*	*	0	0	0	0	0	0†	*	0	0	0	0	0	0	0†	*	*	0	0	0
<b>Cochise</b>	10†	8	*	0	0†	*	*	0	10†	*	*	0	0†	*	*	0	0	0	0	0	0	0
<b>Coconino</b>	15	8	7	0	10†	*	*	0	0†	*	*	0	0	0	0	0	0†	*	0	0	0	0
<b>Gila</b>	10†	*	*	0	0†	*	0	0	0	0	0	0	0	0	0	0	0†	0	*	0	0	0
<b>Graham</b>	0†	*	0	0	0†	*	0	0	0†	*	0	0	0	0	0	0	0†	*	0	0	0	0
<b>Greenlee</b>	0†	0	*	0	0†	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>La Paz</b>	0†	*	0	0	0	0	0	0	0†	*	0	0	0	0	0	0	0	0	0	0	0	0
<b>Maricopa</b>	308	172	133	*	115	62	52	*	124	76	47	*	49	24	24	*	13	7	6	10†	*	*
<b>Mohave</b>	10†	9	*	0	6	6	0	0	0†	*	*	0	0	0	0	0	0	0	0	0	0	0
<b>Navajo</b>	10†	*	7	0	0†	0	*	0	0	0	0	0	0	0	0	0	10†	*	6	0	0	0
<b>Pima</b>	63	37	26	0	23	11	12	0	29	17	12	0	0†	*	*	0	10†	*	*	0†	*	0
<b>Pinal</b>	27	12	15	0	10†	6	*	0	10†	*	9	0	0†	*	*	0	0†	*	0	0†	*	0
<b>Santa Cruz</b>	0†	*	*	0	0	0	0	0	0†	*	*	0	0	0	0	0	0	0	0	0	0	0
<b>Yavapai</b>	10†	6	*	0	10†	6	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Yuma</b>	18	7	11	0	10†	*	*	0	10†	*	7	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> Include spontaneous terminations of pregnancy at 20 or more weeks of gestation (or if gestational age is unknown, the deaths of fetuses of at least 350 grams in weight), excludes abortions; T: total; M: male; F: female; <sup>b</sup> Totals may include cases with unknown or unspecified gender.

**TABLE 5C-5 (CORRECTION)  
REPORTABLE SPONTANEOUS FETAL LOSSES<sup>a</sup> BY MOTHER'S AGE GROUP AND COUNTY OF RESIDENCE, ARIZONA, 2019**

	Total	Mother's age group									
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	Unknown
<b>ARIZONA</b>	489	0	7	26	89	132	133	76	24	0	2
<b>Apache</b>	0†	0	0	0	0	*	*	0	0	0	0
<b>Cochise</b>	10†	0	0	0	*	*	6	*	0	0	0
<b>Cocconino</b>	20†	0	0	0	*	*	*	*	0	0	0
<b>Gila</b>	10†	0	0	0	*	0	*	*	0	0	0
<b>Graham</b>	0†	0	0	*	0	*	0	0	0	0	0
<b>Greenlee</b>	0†	0	0	0	0	0	*	0	0	0	0
<b>La Paz</b>	0†	0	0	0	0	0	*	0	0	0	0
<b>Maricopa</b>	310†	0	*	11	57	77	83	57	16	0	*
<b>Mohave</b>	10†	0	0	*	*	*	*	0	0	0	0
<b>Navajo</b>	10†	0	0	*	*	*	*	*	*	0	0
<b>Pima</b>	60†	0	*	6	12	20	15	6	*	0	0
<b>Pinal</b>	30†	0	*	*	*	7	8	*	*	0	0
<b>Santa Cruz</b>	0†	0	0	0	*	*	*	*	0	0	0
<b>Yavapai</b>	10†	0	0	0	*	*	*	*	0	0	0
<b>Yuma</b>	20†	0	0	*	*	9	*	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> Includes spontaneous terminations of pregnancy at 20 or more weeks of gestation (or if gestational age is unknown, the deaths of fetuses of at least 350 grams in weight), excludes abortions.

**5D**

**ABORTIONS**

**TABLE 5D-1  
RESIDENT ABORTIONS TO WOMEN BY COUNTY OF RESIDENCE, ARIZONA, 2009-2019**

County of Residence	Year											% Change			
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2018 to 2019	2013 to 2017	2009 to 2019	
<b>Number of Abortions</b>															
<b>ARIZONA</b>	<b>10,050<sup>†</sup></b>	<b>11,059</b>	<b>13,606</b>	<b>13,129</b>	<b>13,254</b>	<b>12,747</b>	<b>12,479</b>	<b>13,170</b>	<b>12,336</b>	<b>12,362</b>	<b>13,003</b>	<b>5.2</b>	<b>-6.9</b>	<b>29.4</b>	
Apache	19	19	15	16	12	8	17	18	14	14	9	-35.7	16.7	-52.6	
Cochise	147	107	162	140	101	47	105	103	97	109	123	12.8	-4.0	-16.3	
Coconino	266	274	184	166	147	159	231	210	207	159	173	8.8	40.8	-35.0	
Gila	27	28	41	34	54	33	50	64	55	40	50	25.0	1.9	85.2	
Graham	23	15	12	33	17	15	16	20	18	25	20	-20.0	5.9	-13.0	
Greenlee	8	22	41	47	67	9	8	10	10	7	9	28.6	-85.1	12.5	
La Paz	*	6	11	7	16	7	14	10	11	11	29	163.6	-31.3	1350.0	
Maricopa	6,732	7,774	10,280	8,809	8,385	8,727	8,504	9,076	8,384	8,290	8,911	7.5	0.0	32.4	
Mohave	21	22	43	41	26	19	18	24	19	13	20	53.8	-26.9	-4.8	
Navajo	40	69	77	72	66	41	49	69	66	55	48	-12.7	0.0	20.0	
Pima	2,124	1,844	2,039	2,196	2,109	1,979	1,555	1,816	1,611	1,587	1,681	5.9	-23.6	-20.9	
Pinal	163	217	313	417	346	315	366	345	400	362	394	8.8	15.6	141.7	
Santa Cruz	35	31	35	32	23	26	26	35	45	34	42	23.5	95.7	20.0	
Yavapai	183	204	181	176	214	165	193	234	222	186	193	3.8	3.7	5.5	
Yuma	156	151	172	79	90	67	49	43	29	31	33	6.5	-67.8	-78.8	
Unknown	99	276	0	864	1,581	1,130	1,278	1,093	1,148	1,439	1,268	NA	NA	NA	
<b>Abortion Rates<sup>a</sup></b>															
<b>ARIZONA</b>	<b>7.5</b>	<b>8.8</b>	<b>10.7</b>	<b>10.3</b>	<b>10.3</b>	<b>9.8</b>	<b>9.5</b>	<b>10.0</b>	<b>9.2</b>	<b>9.1</b>	<b>9.4</b>	<b>3.4</b>	<b>-10.4</b>	<b>26.2</b>	
Apache	1.2	1.4	1.1	1.2	0.9	0.6	1.3	1.4	1.0	1.0	0.7	-34.7	12.7	-44.9	
Cochise	5.7	4.8	7.3	6.3	4.5	2.2	4.9	4.9	4.7	5.2	5.7	10.9	3.2	1.5	
Coconino	8.5	8.7	5.9	5.3	4.7	4.8	6.8	6.1	5.9	4.5	4.8	6.3	26.0	-43.8	
Gila	2.8	3.7	5.4	4.6	7.3	4.4	6.6	8.6	7.3	5.3	6.5	23.6	0.2	136.1	
Graham	2.9	2.2	1.8	4.8	2.4	2.1	2.3	2.8	2.6	3.6	2.8	-21.0	5.3	-1.7	
Greenlee	5.1	14.2	26.5	29.8	33.2	4.6	3.9	4.9	4.6	3.5	4.5	28.8	-86.1	-12.2	
La Paz	**	2.5	4.4	2.9	6.6	2.8	5.6	3.9	4.2	4.2	10.7	157.6	-37.0	1575.1	
Maricopa	8.1	9.8	12.9	11.0	10.4	10.6	10.2	10.8	9.8	9.6	10.1	5.5	-5.0	24.3	
Mohave	0.6	0.8	1.5	1.4	0.9	0.7	0.6	0.8	0.7	0.5	0.7	53.3	-25.0	20.2	
Navajo	1.7	3.6	4.0	3.8	3.5	2.2	2.6	3.6	3.5	2.9	2.5	-12.7	-0.9	50.5	
Pima	10.2	9.6	10.5	11.4	10.9	10.1	7.9	9.3	8.2	7.9	8.3	4.8	-25.0	-18.5	
Pinal	2.5	3.2	4.6	6.0	4.9	4.6	5.3	4.9	5.6	4.9	5.2	5.5	14.0	106.5	
Santa Cruz	3.5	3.4	3.8	3.5	2.5	2.8	2.8	3.7	4.8	3.5	4.3	21.7	91.9	21.9	
Yavapai	4.6	6.8	6.0	5.9	7.1	5.6	6.5	7.9	7.4	6.1	6.3	3.0	4.5	37.1	
Yuma	4.0	4.0	4.4	2.0	2.2	1.7	1.2	1.1	0.7	0.8	0.8	4.4	-67.7	-80.1	
<b>Abortion Ratio<sup>b</sup></b>															
<b>ARIZONA</b>	<b>108</b>	<b>127</b>	<b>160</b>	<b>153</b>	<b>156</b>	<b>147</b>	<b>147</b>	<b>156</b>	<b>151</b>	<b>153</b>	<b>164</b>	<b>7.2</b>	<b>-3.2</b>	<b>51.2</b>	
Apache	15	17	14	17	13	8	18	18	15	15	10	-33.3	17.3	-34.6	
Cochise	80	60	97	82	63	29	67	67	73	81	92	13.6	16.0	15.5	
Coconino	140	154	104	98	90	93	147	130	137	106	127	19.8	51.9	-9.6	
Gila	38	42	66	56	92	51	86	108	102	80	106	32.5	11.1	176.4	
Graham	36	28	20	63	28	25	28	36	34	49	41	-16.3	19.9	15.0	
Greenlee	62	210	345	412	536	63	52	67	64	54	73	35.2	-88.0	18.6	
La Paz	**	30	64	34	78	33	70	45	57	59	156	164.4	-27.7	1257.2	
Maricopa	117	143	193	162	156	158	156	168	160	160	175	9.4	2.6	49.9	
Mohave	9	11	22	24	15	10	10	13	11	7	12	71.4	-26.6	26.9	
Navajo	21	40	47	44	42	25	32	46	44	40	35	-12.5	3.1	65.6	
Pima	165	152	172	185	176	167	136	159	147	149	162	8.7	-16.7	-2.1	
Pinal	31	43	68	90	76	70	82	77	91	80	88	10.0	20.4	186.6	
Santa Cruz	46	45	50	48	35	43	42	55	71	55	70	27.3	101.5	52.2	
Yavapai	89	112	99	99	118	85	103	125	124	105	107	1.9	5.1	20.5	
Yuma	48	47	54	25	29	22	16	14	10	10	11	10.0	-66.0	-77.2	

Notes: \* Cell suppressed due to count less than 6; \*\* Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; <sup>a</sup> Number of abortions obtained per 1,000 women from 15 - 44 years of age; <sup>b</sup> Number of abortions obtained per 1,000 live birth.



**TABLE 5D-2  
ABORTIONS BY COUNTY OF RESIDENCE AND AGE GROUP, ARIZONA, 2019**

County <sup>a</sup>	≤ 19 years		20-29 years		≥ 30 years	
	Count	Percent	Count	Percent	Count	Percent
Apache	*	**	*	**	*	**
Cochise	10	0.9	61	0.8	52	1.2
Coconino	16	1.4	112	1.5	45	1.0
Gila	12	1.0	30	0.4	8	0.2
Graham	*	**	12	0.2	*	**
Greenlee	0	0.0	6	0.1	*	**
La Paz	*	**	16	0.2	9	0.2
Maricopa	734	62.8	5,107	67.9	3,070	71.2
Mohave	*	**	13	0.2	6	0.1
Navajo	9	0.8	28	0.4	11	0.3
Pima	174	14.9	1,014	13.5	493	11.4
Pinal	46	3.9	227	3.0	121	2.8
Santa Cruz	*	**	20	0.3	17	0.4
Yavapai	18	1.5	112	1.5	63	1.5
Yuma	*	**	20	0.3	10	0.2
Unknown	131	11.2	738	9.8	399	9.2
Border region <sup>b</sup>	192	16.4	1,115	14.8	572	13.3
Non-border region	846	72.4	5,667	75.4	3,343	77.5
<b>Arizona</b>	<b>1,170†</b>	<b>100.0</b>	<b>7,520†</b>	<b>100.0</b>	<b>4,310†</b>	<b>100.0</b>

Notes: \* Cell suppressed due to count less than 6; \*\* Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; <sup>a</sup> Residence indicates patient county of residence; <sup>b</sup> Border region includes Cochise, Pima, Santa Cruz, and Yuma counties.

**TABLE 5D-3 (CORRECTION)  
RESIDENT ABORTIONS BY COUNTY OF RESIDENCE, RACE/ETHNICITY, MARITAL STATUS, AND EDUCATION, ARIZONA, 2019**

	Total	Race/ethnicity							Marital status		Education/highest grade completed		
		White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	Multiple race	Unknown	Married	Unmarried	Primary/Secondary (0-12)	College (1-4 or 5+)	Not stated/unknown
<b>ARIZONA</b>	13,003	4,800†	5,090†	1,370†	340†	610†	290†	490†	1,860†	11,141	3,970†	3,360†	5,680†
<b>Apache</b>	10†	*	0	0	*	0	0	0	*	8	*	*	*
<b>Cochise</b>	120†	58	49	9	*	*	*	0	31	92	60	51	12
<b>Coconino</b>	170†	88	32	*	31	10	*	7	16	157	26	26	121
<b>Gila</b>	50†	29	10	*	6	*	0	0	*	45	23	10	17
<b>Graham</b>	20†	7	8	0	*	*	0	0	*	16	*	12	*
<b>Greenlee</b>	10†	7	*	0	0	0	0	0	*	7	6	*	*
<b>La Paz</b>	30†	11	10	*	*	*	*	*	*	27	*	*	23
<b>Maricopa</b>	8,911	3,300	3,334	<b>1,052</b>	205	449	192	379	1,218	7,693	2,333	2,165	4,413
<b>Mohave</b>	20†	15	*	*	0	0	*	0	*	17	9	8	*
<b>Navajo</b>	50†	18	7	*	19	0	*	0	7	41	9	15	24
<b>Pima</b>	1,681	586	841	101	22	55	46	30	252	1,429	890	678	113
<b>Pinal</b>	394	173	151	40	8	9	7	6	79	315	145	89	160
<b>Santa Cruz</b>	40†	*	37	0	0	*	0	0	11	31	20	19	*
<b>Yavapai</b>	190†	129	37	0	9	*	8	6	20	173	55	42	96
<b>Yuma</b>	30†	7	24	*	0	*	0	0	7	26	14	10	9
<b>Unknown<sup>a</sup></b>	1,268	362	548	160	32	75	26	65	204	1,064	371	220	677

Notes: \* Cell suppressed due to count less than 6; † Sum rounded to nearest tens unit due to addend less than 6; <sup>a</sup> Unknown county describes an Arizona resident whose county of residence is unknown.

**TABLE 5D-4  
ABORTIONS BY COUNTY OF RESIDENCE AND GESTATIONAL AGE GROUP, ARIZONA, 2019**

	TOTAL	Gestational Age <sup>a</sup>		
		≤13 weeks	14 to 20 weeks	≥21 weeks
		Count	Count	Count
Arizona	13,003	11,840†	990†	170†
Apache	10†	*	*	0
Cochise	120†	110	10	*
Coconino	170†	155	16	*
Gila	50†	44	*	*
Graham	20†	17	*	*
Greenlee	9	9	0	0
La Paz	30†	27	*	0
Maricopa	8,911	8,158	642	111
Mohave	20†	17	*	*
Navajo	50†	42	*	*
Pima	1,681	1,556	107	18
Pinal	394	345	43	6
Santa Cruz	40†	37	*	*
Yavapai	190†	174	17	*
Yuma	30†	24	8	*
Unknown <sup>a</sup>	1,268	1,124	129	15

Notes: \* Cell suppressed due to count less than 6; † Sum rounded to nearest tens unit due to addend less than 6.



# **5E**

## **TRENDS AND PATTERNS IN MORTALITY**

**TABLE 5E-1  
MORTALITY BY COUNTY OF RESIDENCE AND YEAR, ARIZONA, 2009-2019**

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA</b>	45,065	45,871	47,547	48,459	49,929	51,074	54,152	56,480	57,261	59,206	60,161
<b>Apache</b>	530	544	584	471	607	601	646	653	689	692	734
<b>Cochise</b>	1,122	1,218	1,183	1,204	1,266	1,201	1,305	1,342	1,344	1,360	1,404
<b>Coconino</b>	676	678	722	707	702	732	814	857	859	858	830
<b>Gila</b>	646	661	682	655	696	747	814	832	723	754	817
<b>Graham</b>	271	302	245	300	275	283	251	278	305	336	287
<b>Greenlee</b>	50	55	71	64	46	52	69	52	65	66	66
<b>La Paz</b>	227	200	186	225	247	253	254	270	320	317	307
<b>Maricopa</b>	24,349	24,438	25,467	25,785	26,906	27,711	28,945	30,311	30,798	32,091	32,637
<b>Mohave</b>	2,260	2,368	2,424	2,482	2,686	2,540	3,024	3,181	3,144	3,387	3,347
<b>Navajo</b>	825	819	899	897	976	937	907	1,010	1,059	1,137	1,196
<b>Pima</b>	8,065	8,163	8,392	8,713	8,592	8,725	9,241	9,492	9,527	9,846	9,977
<b>Pinal</b>	1,994	2,258	2,380	2,440	2,457	2,629	2,968	2,991	3,110	3,147	3,334
<b>Santa Cruz</b>	284	262	247	303	286	275	294	301	297	278	335
<b>Yavapai</b>	2,303	2,436	2,496	2,616	2,724	2,772	2,918	2,955	3,114	3,121	3,071
<b>Yuma</b>	1,306	1,279	1,350	1,386	1,320	1,425	1,427	1,506	1,491	1,631	1,634
<b>Unknown</b>	157	190	219	211	143	191	275	449	416	185	185

**TABLE 5E-2  
MORTALITY BY COUNTY OF OCCURRENCE, ARIZONA, 2009-2019**

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA<sup>a</sup></b>	46,429	47,616	49,208	50,254	51,997	53,097	56,386	58,708	59,446	62,688	63,701
<b>Apache</b>	342	401	350	351	332	362	384	399	440	412	410
<b>Cochise</b>	847	929	878	901	892	893	957	1,023	961	976	1,007
<b>Coconino</b>	841	852	930	890	822	936	1,009	1,041	1,044	1,096	1,096
<b>Gila</b>	486	552	559	557	560	601	653	655	576	629	643
<b>Graham</b>	222	253	193	241	223	236	199	233	259	289	258
<b>Greenlee</b>	33	39	40	28	28	29	43	31	31	31	41
<b>La Paz</b>	174	172	173	173	165	179	197	193	265	234	230
<b>Maricopa</b>	26,804	27,041	28,001	28,442	28,360	30,135	31,490	33,037	33,832	35,105	35,852
<b>Mohave</b>	2,275	2,460	2,511	2,594	2,612	2,572	2,825	2,996	2,998	3,142	3,040
<b>Navajo</b>	582	577	675	692	716	669	735	776	802	874	862
<b>Pima</b>	9,030	9,171	9,385	9,749	9,143	9,571	10,116	10,353	10,555	10,703	10,880
<b>Pinal</b>	1,167	1,384	1,604	1,558	1,495	1,760	1,912	1,996	2,017	1,988	2,048
<b>Santa Cruz</b>	188	194	167	193	172	180	200	197	194	184	212
<b>Yavapai</b>	2,133	2,264	2,373	2,478	2,504	2,606	2,727	2,785	2,959	2,891	2,823
<b>Yuma</b>	1,305	1,326	1,369	1,407	1,234	1,461	1,447	1,525	1,514	1,651	1,680
<b>Unknown</b>	0	0	0	0	0	11	1,492	1,468	999	2,483	2,619

Note: <sup>a</sup> Totals include those resident deaths occurring out-of-state.

**TABLE 5E-3  
RESIDENT DEATHS BY PLACE OF OCCURRENCE AND NON-RESIDENT DEATHS BY COUNTY OF OCCURRENCE  
IN ARIZONA, 2019**

County of residence	County of occurrence													AZ residents died in Arizona	Arizona resident, died elsewhere	Total, Arizona residents		
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz				Yavapai	Yuma
Apache	346	0	61	7	0	0	0	104	0	50	7	*	0	7	0	586	148	730†
Cochise	0	955	*	0	*	0	0	31	0	0	395	*	0	0	0	1,388	16	1,400†
Coconino	*	*	693	*	0	0	0	74	*	9	0	0	0	27	0	815	15	830†
Gila	*	0	*	573	26	0	*	181	*	*	11	*	0	*	0	807	10	820†
Graham	0	*	0	*	207	*	0	19	0	0	47	0	0	0	0	279	8	290†
Greenlee	0	*	0	0	*	37	0	*	0	0	17	0	0	0	0	64	*	70†
La Paz	0	0	0	0	0	0	175	51	33	0	*	0	0	*	6	267	40	310†
Maricopa	*	*	50	20	*	0	*	31,846	8	19	61	74	*	43	11	32,148	489	32,640†
Mohave	0	*	6	*	0	0	*	109	2,790	0	*	0	0	9	*	2,924	423	3,350†
Navajo	22	0	139	15	*	0	0	214	*	749	10	*	0	*	0	1,159	37	1,200†
Pima	*	6	*	*	8	0	0	135	*	*	9,667	9	*	*	*	9,844	133	9,980†
Pinal	0	*	*	12	0	0	*	1,199	*	*	184	1,872	0	*	*	3,281	53	3,330†
Santa Cruz	0	*	0	0	0	0	0	*	0	0	128	0	198	0	0	332	*	340†
Yavapai	0	0	43	0	0	0	*	295	*	*	*	*	0	2,674	*	3,024	47	3,070†
Yuma	*	0	0	0	0	0	*	104	*	*	9	*	0	*	1,462	1,585	49	1,630†
Unknown	*	0	*	0	*	0	0	77	*	0	6	0	0	*	*	97	88	190†
<b>AZ resident</b>	<b>380†</b>	<b>980†</b>	<b>1,000†</b>	<b>640†</b>	<b>260†</b>	<b>40†</b>	<b>190†</b>	<b>34,450†</b>	<b>2,850†</b>	<b>840†</b>	<b>10,550†</b>	<b>1,970†</b>	<b>200†</b>	<b>2,780†</b>	<b>1,490†</b>	<b>58,600†</b>	<b>1,561</b>	<b>60,161</b>
<b>Non-resident</b>	<b>30</b>	<b>30</b>	<b>93</b>	<b>6</b>	<b>*</b>	<b>*</b>	<b>44</b>	<b>1,405</b>	<b>189</b>	<b>20</b>	<b>329</b>	<b>80</b>	<b>9</b>	<b>46</b>	<b>195</b>	<b>5,100†</b>		
<b>Total deaths in Arizona<sup>a</sup></b>	<b>410†</b>	<b>1,010†</b>	<b>1,100†</b>	<b>640†</b>	<b>260†</b>	<b>40†</b>	<b>230†</b>	<b>35,850†</b>	<b>3,040†</b>	<b>860†</b>	<b>10,880†</b>	<b>2,050†</b>	<b>210†</b>	<b>2,820†</b>	<b>1,680†</b>	<b>63,701</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> Total deaths includes deaths that occurred out of Arizona and records with unknown county of occurrence.



**TABLE 5E-4  
MORTALITY RATES<sup>a</sup> BY COUNTY OF RESIDENCE AND YEAR, ARIZONA, 2009-2019**

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA</b>	683.2	717.6	738.5	745.7	758.7	766.0	752.9	826.3	822.0	836.7	836.8
<b>Apache</b>	691.3	760.6	811.2	651.4	841.0	836.3	894.6	905.3	947.6	943.7	1022.2
<b>Cochise</b>	791.2	927.3	906.3	920.8	967.1	926.5	1010.8	1045.6	1046.9	1043.6	1073.3
<b>Coconino</b>	488.0	504.4	538.2	526.4	517.3	525.2	574.9	601.2	596.3	589.4	563.6
<b>Gila</b>	1088.2	1233.3	1272.9	1221.4	1296.8	1377.7	1496.2	1531.3	1315.8	1372.3	1481.2
<b>Graham</b>	681.0	811.4	649.7	804.0	726.1	738.6	652.4	725.8	796.9	881.3	745.9
<b>Greenlee</b>	575.5	651.9	847.3	744.3	421.5	496.4	653.7	498.4	593.0	628.2	636.1
<b>La Paz</b>	1042.9	976.1	897.3	1076.5	1177.4	1193.1	1199.1	1270.8	1481.6	1448.1	1390.1
<b>Maricopa</b>	614.2	640.2	662.6	663.8	682.1	691.3	710.1	732.7	729.5	747.3	747.2
<b>Mohave</b>	1105.3	1182.9	1209.5	1222.2	1319.3	1245.1	1470.0	1545.9	1498.6	1590.5	1542.5
<b>Navajo</b>	714.7	762.2	838.4	831.2	897.9	858.2	827.0	914.7	951.8	1008.5	1060.0
<b>Pima</b>	792.2	832.7	851.0	879.8	862.6	866.3	915.5	936.9	928.5	952.0	955.0
<b>Pinal</b>	608.5	600.9	619.4	626.9	623.9	663.5	730.2	723.7	727.3	714.3	732.4
<b>Santa Cruz</b>	598.0	552.5	513.6	621.9	581.1	555.0	584.8	595.1	576.6	530.6	630.2
<b>Yavapai</b>	1012.1	1154.3	1181.6	1236.4	1277.1	1287.2	1339.9	1342.0	1381.8	1363.1	1321.5
<b>Yuma</b>	638.7	653.4	673.5	675.5	630.6	672.1	663.7	691.7	672.7	724.2	710.6

Notes: <sup>a</sup> Crude death rates; number of deaths per 100,000 population.

**TABLE 5E-5  
TRENDS IN AGE-ADJUSTED<sup>3</sup> MORTALITY RATES FOR ALL CAUSES BY COUNTY OF RESIDENCE, ARIZONA, 2009-2019**

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA</b>	653.2	679.9	699.6	687.2	687.8	676.0	691.3	696.6	679.3	688.6	676.6
<b>Apache</b>	834.1	869.4	940.7	721.4	905.6	881.2	928.2	913.5	937.2	916.6	960.9
<b>Cochise</b>	653.2	766.0	745.5	743.2	759.8	706.1	745.4	747.0	730.7	709.8	727.2
<b>Coconino</b>	715.2	699.4	671.6	717.1	671.5	657.2	660.6	696.5	691.4	678.5	638.6
<b>Gila</b>	738.1	820.1	876.0	801.1	869.0	890.4	958.9	959.5	831.1	872.3	914.9
<b>Graham</b>	670.4	919.8	726.4	897.1	786.5	827.7	696.7	756.1	820.7	854.5	719.6
<b>Greenlee</b>	648.0	669.5	889.5	745.3	421.8	536.7	693.2	522.8	616.5	585.7	631.1
<b>La Paz</b>	621.5	619.5	570.4	700.9	693.1	702.6	650.9	750.0	768.8	843.6	735.0
<b>Maricopa</b>	641.7	655.1	677.8	660.6	667.9	664.5	668.4	676.6	663.0	678.1	666.9
<b>Mohave</b>	780.7	799.7	824.8	813.3	845.8	776.7	888.4	904.9	847.3	862.6	833.6
<b>Navajo</b>	818.6	808.9	888.5	854.1	901.6	819.3	786.2	844.6	867.5	897.8	922.5
<b>Pima</b>	672.8	697.6	711.8	717.1	696.6	682.4	707.2	706.0	684.3	704.6	697.6
<b>Pinal</b>	607.7	642.0	668.5	648.4	636.2	608.3	650.1	604.9	590.2	577.3	573.3
<b>Santa Cruz</b>	633.7	561.0	519.3	602.8	550.5	517.2	521.1	510.0	475.5	441.2	507.1
<b>Yavapai</b>	656.0	708.8	722.6	747.3	760.4	738.1	755.8	737.6	750.1	724.9	706.1
<b>Yuma</b>	520.7	604.7	628.4	599.7	551.9	575.6	545.9	550.2	507.3	557.7	534.7

Notes: <sup>3</sup> Adjusted to the 2000 standard U.S. population; the rates are per 100,000 resident population in specified county.

**TABLE 5E-6  
NUMBER OF DEATHS BY RACE/ETHNICITY, GENDER, AND COUNTY OF RESIDENCE, ARIZONA, 2019**

	All groups <sup>b</sup>			White non-Hispanic			Hispanic or Latino			Black or African American			American Indian or Alaska Native			Asian or Pacific Islander		
	Total <sup>a</sup>	Male	Female	Total <sup>a</sup>	Male	Female	Total	Male	Female	Total	Male	Female	Total <sup>a</sup>	Male	Female	Total	Male	Female
<b>ARIZONA</b>	60,161	32,575	27,585	45,467	24,334	21,133	8,488	4,770	3,718	2,210 <sup>†</sup>	1,210 <sup>†</sup>	1,000 <sup>†</sup>	2,600 <sup>†</sup>	1,460 <sup>†</sup>	1,140 <sup>†</sup>	960 <sup>†</sup>	490 <sup>†</sup>	470 <sup>†</sup>
<b>Apache</b>	734	431	303	202	109	93	20	9	11	0	0	0	510	312	198	0 <sup>†</sup>	*	0
<b>Cochise</b>	1,404	802	602	1,087	619	468	256	143	113	34	28	6	0 <sup>†</sup>	*	*	20	6	14
<b>Coconino</b>	830	447	383	479	260	219	66	35	31	10 <sup>†</sup>	*	*	265	143	122	10 <sup>†</sup>	*	6
<b>Gila</b>	817	458	359	602	335	267	89	49	40	0	0	0	120	69	51	0 <sup>†</sup>	*	*
<b>Graham</b>	287	160	127	190	104	86	66	36	30	0 <sup>†</sup>	*	*	29	19	10	0	0	0
<b>Greenlee</b>	66	33	33	42	23	19	22	10	12	0	0	0	0	0	0	0 <sup>†</sup>	0	*
<b>La Paz</b>	307	192	115	237	154	83	23	14	9	0 <sup>†</sup>	*	0	39	20	19	0 <sup>†</sup>	*	*
<b>Maricopa</b>	32,637	17,292	15,345	25,169	13,122	12,047	4,322	2,450	1,872	1,623	867	756	548	280	268	687	368	319
<b>Mohave</b>	3,347	1,937	1,410	3,013	1,741	1,272	212	135	77	25	12	13	44	23	21	30	16	14
<b>Navajo</b>	1,196	686	510	603	343	260	73	36	37	10 <sup>†</sup>	7	*	505	298	207	0 <sup>†</sup>	0	*
<b>Pima</b>	9,977	5,377	4,600	7,283	3,870	3,413	1,923	1,070	853	325	185	140	258	148	110	143	69	74
<b>Pinal</b>	3,334	1,903	1,431	2,522	1,460	1,062	448	255	193	125	65	60	191	101	90	26	7	19
<b>Santa Cruz</b>	335	179	156	85	54	31	245	121	124	10 <sup>†</sup>	*	*	0	0	0	0	0	0
<b>Yavapai</b>	3,071	1,621	1,450	2,847	1,504	1,343	155	73	82	10 <sup>†</sup>	8	*	38	21	17	20 <sup>†</sup>	12	*
<b>Yuma</b>	1,634	936	698	995	568	427	553	320	233	32	19	13	28	14	14	10 <sup>†</sup>	*	10
<b>Unknown</b>	185	121	63	111	68	43	20 <sup>†</sup>	14	*	10 <sup>†</sup>	*	*	20	12	8	0 <sup>†</sup>	*	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> Includes records with unknown gender; <sup>b</sup> Total for all groups includes records with unknown race/ethnicity.

**TABLE SE-7  
NUMBER OF DEATHS BY MONTH AND COUNTY OF RESIDENCE, ARIZONA, 2019**

	Total	Month of death											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b>ARIZONA</b>	60,161	5,600†	4,720†	5,372	5,029	5,100†	4,690†	4,920†	4,848	4,760†	4,858	5,058	5,210†
<b>Apache</b>	734	75	57	68	59	51	55	66	58	63	56	63	63
<b>Cochise</b>	1,404	136	108	137	109	136	114	108	99	102	110	107	138
<b>Coconino</b>	830	74	61	71	57	68	59	79	64	59	74	85	79
<b>Gila</b>	817	77	62	66	73	70	57	64	63	58	71	81	75
<b>Graham</b>	287	35	24	26	17	21	26	25	17	21	19	28	28
<b>Greenlee</b>	70†	*	*	6	7	*	*	*	7	*	9	6	*
<b>La Paz</b>	307	33	20	26	18	26	19	34	32	23	22	27	27
<b>Maricopa</b>	32,637	3,009	2,541	2,924	2,755	2,755	2,519	2,656	2,602	2,628	2,639	2,773	2,836
<b>Mohave</b>	3,347	322	272	266	278	308	288	274	300	237	256	275	271
<b>Navajo</b>	1,196	129	106	104	107	89	84	97	91	98	104	93	94
<b>Pima</b>	9,977	917	808	924	831	840	741	854	813	769	794	831	855
<b>Pinal</b>	3,334	277	282	281	279	308	286	246	279	251	258	292	295
<b>Santa Cruz</b>	335	28	20	31	21	33	42	25	28	34	22	24	27
<b>Yavapai</b>	3,071	294	219	269	273	250	249	237	260	243	261	243	273
<b>Yuma</b>	1,634	173	136	165	133	123	127	126	115	147	146	113	130
<b>Unknown</b>	190†	11	*	8	12	17	18	27	20	17	17	17	16

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.

**TABLE 5E-8  
NUMBER OF DEATHS BY COUNTY OF RESIDENCE AND DECEDENT STATUS, ARIZONA, 2019**

	IN HOSPITAL					NOT IN HOSPITAL				TOTAL
	In-patient	Out-patient <sup>a</sup>	Died on arrival	Status unknown	Subtotal	Nursing home <sup>b</sup>	Residence	Other <sup>c</sup>	Subtotal	
<b>ARIZONA</b>	13,598	3,100†	30†	20,960	37,683	6,579	4,310†	11,592	22,478	60,161
<b>Apache</b>	271	41	*	201	520†	31	73	113	217	730†
<b>Cochise</b>	330	85	0	583	998	85	145	176	406	1,404
<b>Coconino</b>	184	34	0	330	548	59	61	162	282	830
<b>Gila</b>	170	47	0	300	517	72	117	111	300	817
<b>Graham</b>	67	16	0	134	217	15	32	23	70	287
<b>Greenlee</b>	11	*	0	33	50†	9	*	11	20†	70†
<b>La Paz</b>	94	8	0	146	248	14	15	30	59	307
<b>Maricopa</b>	7,348	1,756	13	10,175	19,292	4,138	2,190	7,017	13,345	32,637
<b>Mohave</b>	738	169	*	1,574	2,480†	331	232	300	863	3,350†
<b>Navajo</b>	319	63	*	438	820†	32	119	224	375	1,200†
<b>Pima</b>	2,095	402	0	3,624	6,121	1,175	638	2,043	3,856	9,977
<b>Pinal</b>	818	203	*	1,299	2,320†	287	192	533	1,012	3,330†
<b>Santa Cruz</b>	81	25	0	153	259	14	16	46	76	335
<b>Yavapai</b>	600	113	*	1,298	2,010†	272	307	478	1,057	3,070†
<b>Yuma</b>	406	120	*	666	1,190†	26	149	266	441	1,630†
<b>Unknown</b>	66	15	0	6	87	19	20	59	98	185

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> Includes Emergency Room; <sup>b</sup> Includes other long-term care facilities; <sup>c</sup> Includes hospices.

**TABLE 5E-9  
BODY DISPOSITION BY COUNTY OF RESIDENCE AND YEAR, ARIZONA, 2009-2019**

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA</b>	Burial	14,225	13,940	13,699	13,423	13,356	13,044	13,734	13,290	13,227	12,931
	Cremation	28,514	28,654	30,152	31,060	32,128	33,736	36,200	38,013	39,148	40,545
	Other	2,326	3,277	3,696	3,976	4,445	4,294	4,555	4,733	4,823	5,434
	<b>TOTAL</b>	45,065	45,871	47,547	48,459	49,929	51,074	54,152	56,480	57,261	59,206
<b>Apache</b>	Burial	362	430	454	347	425	431	497	470	484	506
	Cremation	91	94	92	96	103	118	118	120	142	139
	Other	77	20	38	28	79	52	31	63	63	47
	<b>TOTAL</b>	530	544	584	471	607	601	646	653	689	692
<b>Cochise</b>	Burial	331	360	307	328	322	277	334	304	285	268
	Cremation	753	812	827	805	877	882	914	981	994	1,015
	Other	38	46	49	71	67	42	57	57	65	77
	<b>TOTAL</b>	1,122	1,218	1,183	1,204	1,266	1,201	1,305	1,342	1,344	1,360
<b>Coconino</b>	Burial	318	317	340	307	311	306	345	368	368	357
	Cremation	343	342	355	379	348	387	442	454	462	472
	Other	15	19	27	21	43	39	27	35	29	29
	<b>TOTAL</b>	676	678	722	707	702	732	814	857	859	858
<b>Gila</b>	Burial	234	226	241	226	226	224	259	255	219	189
	Cremation	397	385	388	359	371	423	460	480	434	482
	Other	15	50	53	70	99	100	95	97	70	83
	<b>TOTAL</b>	646	661	682	655	696	747	814	832	723	754
<b>Graham</b>	Burial	187	187	146	165	169	133	145	151	158	183
	Cremation	81	101	88	119	97	136	99	118	129	133
	Other	*	14	11	16	9	14	7	9	18	20
	<b>TOTAL</b>	270†	302	245	300	275	283	251	278	305	336
<b>Greenlee</b>	Burial	22	27	34	33	21	14	31	23	19	26
	Cremation	26	28	34	29	25	37	34	27	42	39
	Other	*	0	*	*	0	*	*	*	*	*
	<b>TOTAL</b>	50†	55	70†	60†	46	50†	70†	50†	70†	70†
<b>La Paz</b>	Burial	62	54	48	58	58	48	44	52	68	79
	Cremation	145	118	107	111	142	172	179	178	198	184
	Other	20	28	31	56	47	33	31	40	54	60
	<b>TOTAL</b>	227	200	186	225	247	253	254	270	320	317
<b>Maricopa</b>	Burial	7,941	7,582	7,408	7,358	7,282	7,274	7,219	7,469	7,279	7,164
	Cremation	15,206	15,078	16,006	16,235	17,221	18,097	19,245	20,348	20,950	21,908
	Other	1,202	1,778	2,053	2,192	2,403	2,340	2,481	2,494	2,569	2,932
	<b>TOTAL</b>	24,349	24,438	25,467	25,785	26,906	27,711	28,945	30,311	30,798	32,091

**TABLE 5E-9 (continued)  
BODY DISPOSITION BY COUNTY OF RESIDENCE AND YEAR, ARIZONA, 2009-2019**

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
<b>Mohave</b>	Burial	384	379	387	363	345	322	390	378	332	342	276
	Cremation	1,645	1,666	1,685	1,793	1,945	1,832	2,197	2,348	2,367	2,511	2,530
	Other	231	323	352	326	396	386	437	455	445	534	541
	<b>TOTAL</b>	<b>2,260</b>	<b>2,368</b>	<b>2,424</b>	<b>2,482</b>	<b>2,686</b>	<b>2,540</b>	<b>3,024</b>	<b>3,181</b>	<b>3,144</b>	<b>3,387</b>	<b>3,347</b>
<b>Navajo</b>	Burial	498	514	506	529	552	513	516	534	572	608	654
	Cremation	300	271	347	325	361	378	340	405	406	456	460
	Other	27	34	46	43	63	46	51	71	81	73	82
	<b>TOTAL</b>	<b>825</b>	<b>819</b>	<b>899</b>	<b>897</b>	<b>976</b>	<b>937</b>	<b>907</b>	<b>1,010</b>	<b>1,059</b>	<b>1,137</b>	<b>1,196</b>
<b>Pima</b>	Burial	2,190	2,143	2,084	2,007	2,017	1,894	1,964	1,944	1,794	1,860	1,752
	Cremation	5,511	5,524	5,805	6,168	5,989	6,265	6,686	6,896	7,075	7,262	7,502
	Other	364	496	503	538	586	566	591	652	658	724	723
	<b>TOTAL</b>	<b>8,065</b>	<b>8,163</b>	<b>8,392</b>	<b>8,713</b>	<b>8,592</b>	<b>8,725</b>	<b>9,241</b>	<b>9,492</b>	<b>9,527</b>	<b>9,846</b>	<b>9,977</b>
<b>Pinal</b>	Burial	647	689	679	678	638	684	704	693	700	661	691
	Cremation	1,216	1,379	1,478	1,515	1,578	1,708	1,979	2,023	2,128	2,171	2,303
	Other	131	190	223	247	241	237	285	275	282	315	340
	<b>TOTAL</b>	<b>1,994</b>	<b>2,258</b>	<b>2,380</b>	<b>2,440</b>	<b>2,457</b>	<b>2,629</b>	<b>2,968</b>	<b>2,991</b>	<b>3,110</b>	<b>3,147</b>	<b>3,334</b>
<b>Santa Cruz</b>	Burial	110	77	106	111	102	96	84	86	91	82	81
	Cremation	169	173	125	181	178	170	200	205	193	180	240
	Other	*	12	16	11	6	9	10	10	13	16	14
	<b>TOTAL</b>	<b>280†</b>	<b>262</b>	<b>247</b>	<b>303</b>	<b>286</b>	<b>275</b>	<b>294</b>	<b>301</b>	<b>297</b>	<b>278</b>	<b>335</b>
<b>Yavapai</b>	Burial	424	448	438	422	426	391	395	375	384	376	332
	Cremation	1,774	1,795	1,845	1,949	1,970	2,075	2,172	2,231	2,388	2,353	2,362
	Other	105	193	213	245	328	306	351	349	342	392	377
	<b>TOTAL</b>	<b>2,303</b>	<b>2,436</b>	<b>2,496</b>	<b>2,616</b>	<b>2,724</b>	<b>2,772</b>	<b>2,918</b>	<b>2,955</b>	<b>3,114</b>	<b>3,121</b>	<b>3,071</b>
<b>Yuma</b>	Burial	435	386	396	366	409	358	381	442	345	378	371
	Cremation	810	826	888	924	845	954	968	973	1,035	1,135	1,140
	Other	61	67	66	96	66	113	78	91	111	118	123
	<b>TOTAL</b>	<b>1,306</b>	<b>1,279</b>	<b>1,350</b>	<b>1,386</b>	<b>1,320</b>	<b>1,425</b>	<b>1,427</b>	<b>1,506</b>	<b>1,491</b>	<b>1,631</b>	<b>1,634</b>
<b>Unknown</b>	Burial	80	121	125	125	53	79	89	190	192	61	56
	Cremation	47	62	82	72	78	102	167	226	205	105	117
	Other	30	7	12	14	12	10	19	33	19	19	12
	<b>TOTAL</b>	<b>157</b>	<b>190</b>	<b>219</b>	<b>211</b>	<b>143</b>	<b>191</b>	<b>275</b>	<b>449</b>	<b>416</b>	<b>185</b>	<b>185</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.

**TABLE 5E-10  
BODY DISPOSITION BY COUNTY OF OCCURRENCE<sup>a</sup> IN ARIZONA IN 2019**

Total deaths occurring in Arizona	Body disposition																Out-of-state/ Unknown
	Total	Body disposition															
Body moved outside state	No	Yes															
		Apache	Cochise	Cocconino	Gila	Graham	Greenlee	La Paz	Marticopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	
<b>Total</b>	63,701	410	1,010†	1,100†	640†	260†	40†	230	35,852	3,040†	862	10,880	2,048	212	2,823	1,680†	2,619
<b>Burial</b>	14,011	276	189	500	165	124	12	42	8,211	271	402	1,936	435	63	313	395	677
<b>Cremation</b>	43,111	102	764	554	398	120	26	149	24,161	2,242	394	8,193	1,404	136	2,159	1,169	1,140
<b>Donated</b>	5,700†	24	49	38	69	11	*	39	2,991	498	56	634	177	7	338	109	656
<b>Entombment</b>	550†	0	0	*	*	0	0	0	426	*	0	64	6	0	13	*	29
<b>Other</b>	310†	8	*	0	10	*	0	0	51	28	9	52	26	6	0	*	113
<b>Unknown</b>	20†	0	0	0	0	0	0	0	12	0	*	*	0	0	0	*	*
<b>Total</b>	58,880	363	965	1,000†	630†	255	40†	212	33,623	2,840†	841	10,436	1,920†	184	2,720	1,430†	1,430
<b>Burial</b>	11,069	237	158	427	158	124	12	29	6,308	143	392	1,593	349	41	221	201	676
<b>Cremation</b>	41,712	102	759	532	398	120	24	145	23,987	2,207	392	8,152	1,392	136	2,154	1,119	93
<b>Donated</b>	5,610†	24	48	38	68	11	*	38	2,956	487	56	632	171	7	337	108	628
<b>Entombment</b>	470†	0	0	*	*	0	0	0	360	*	0	58	*	0	8	*	29
<b>Other</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Unknown</b>	20†	0	0	0	0	0	0	0	12	0	*	*	0	0	0	*	*
<b>Total</b>	4,820†	47	40†	100†	20†	0†	0†	20†	2,229	202	20†	440†	130†	28	100†	250†	1,190†
<b>Burial</b>	2,942	39	31	73	7	0	0	13	1,903	128	10	343	86	22	92	194	*
<b>Cremation</b>	1,400†	0	*	22	0	0	*	*	174	35	*	41	12	0	*	50	1,047
<b>Donated</b>	90†	0	*	0	*	0	0	*	35	11	0	*	6	0	*	*	28
<b>Entombment</b>	80†	0	0	*	0	0	0	0	66	0	0	6	*	0	*	*	0
<b>Other</b>	310†	8	*	0	10	*	0	0	51	28	9	52	26	6	0	*	113

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> Resident and non-resident deaths occurring in Arizona.



**TABLE 5E-11  
AGE-ADJUSTED\* MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY GENDER AND AVERAGE AGE AT DEATH  
FROM ALL CAUSES BY COUNTY OF RESIDENCE, ARIZONA, 2019**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>Total, all causes</b>	676.6	960.9	727.2	638.6	914.9	719.6	631.1	735.0	666.9	833.6	922.5	697.6	573.3	507.1	706.1	534.7
<b>Cardiovascular disease</b>	184.9	176.9	194.6	141.4	245.8	180.7	202.3	224.1	186.9	226.9	209.4	184.7	161.3	122.9	180.6	162.8
<b>Diseases of heart</b>	137.3	118.7	147.4	104.8	197.8	139.9	142.6	197.0	137.3	178.4	148.3	137.8	121.1	79.4	136.4	120.4
<b>Coronary heart disease</b>	98.2	78.1	105.5	69.4	158.3	96.5	134.0	161.8	97.4	135.6	92.7	98.8	86.1	54.1	99.2	85.8
<b>Malignant neoplasms</b>	134.7	125.4	149.1	120.6	137.5	136.5	118.8	124.0	133.0	182.6	134.0	140.1	113.1	112.0	150.2	108.2
<b>Lung cancer</b>	26.2	12.3	30.9	11.7	27.4	21.1	36.3	33.1	25.5	42.8	20.3	26.2	23.3	10.9	34.9	22.6
<b>Colorectal cancer</b>	12.3	14.6	12.7	13.3	13.2	9.4	23.2	8.4	12.7	18.8	11.0	10.3	9.5	15.1	11.9	6.0
<b>Breast cancer</b>	10.1	7.4	8.4	10.0	9.3	13.1	0.0	4.4	10.4	14.0	10.8	9.9	7.9	6.3	10.8	8.0
<b>Prostate cancer</b>	7.8	4.3	9.8	9.9	8.7	5.3	11.6	7.4	7.7	11.6	9.7	7.2	5.3	4.4	10.8	6.2
<b>Malignant melanoma of skin</b>	2.3	0.0	3.4	0.0	0.9	2.7	0.0	1.6	2.4	3.9	1.4	2.2	2.0	0.0	3.6	0.8
<b>Cervical cancer</b>	1.0	0.0	0.5	0.9	0.0	2.4	0.0	0.0	1.2	2.3	0.5	0.8	0.7	0.0	0.4	1.2
<b>Accident (unintentional injury)</b>	59.2	127.1	47.8	72.8	82.0	61.6	63.7	79.9	57.0	60.3	112.1	61.7	47.6	45.0	69.5	44.0
<b>Accidental poisoning</b>	25.8	26.3	22.0	26.1	22.1	28.0	0.0	13.9	26.5	14.7	37.9	28.8	16.9	15.7	32.1	19.0
<b>Motor vehicle accident</b>	13.1	49.4	13.6	16.2	29.6	14.9	23.1	29.7	10.8	20.8	35.3	14.2	14.9	14.4	14.5	10.1
<b>Accidental falls</b>	12.2	13.6	5.1	15.6	12.0	8.1	11.6	2.5	13.3	11.2	15.9	11.8	9.4	6.8	13.0	5.7
<b>Accidental drowning</b>	1.3	5.9	1.4	1.3	4.1	4.6	8.8	22.4	1.3	1.6	1.0	0.6	0.8	2.2	1.0	0.9
<b>Chronic lower respiratory diseases</b>	39.2	36.9	56.5	31.4	47.2	52.5	48.2	40.0	36.7	70.8	50.5	37.8	34.7	14.2	45.7	27.0
<b>Alzheimer's disease</b>	33.2	16.5	16.4	24.3	35.4	37.0	30.6	15.6	37.5	31.0	29.6	31.1	21.8	25.9	32.7	26.0
<b>Cerebrovascular disease</b>	31.0	40.8	28.9	25.9	31.7	29.2	30.9	19.6	31.6	35.0	41.3	32.1	24.8	35.2	31.9	23.3
<b>Diabetes</b>	23.9	67.8	27.5	19.4	25.0	37.9	16.0	8.9	23.8	28.0	51.6	24.1	23.7	12.4	15.0	17.8
<b>Intentional self-harm (suicide)</b>	18.9	21.6	26.6	28.8	44.9	8.1	23.1	35.0	16.2	28.8	28.3	22.8	16.0	8.6	31.7	13.8
<b>Chronic liver disease and cirrhosis</b>	14.7	55.8	16.9	23.8	54.8	23.4	7.5	67.6	11.9	24.1	47.1	14.4	13.0	4.7	15.5	15.0
<b>Essential (primary) hypertension and hypertensive renal disease</b>	11.0	14.0	10.3	8.4	5.6	9.5	11.6	1.2	12.4	8.9	13.2	9.0	9.2	5.8	8.1	13.0
<b>Influenza and pneumonia</b>	10.4	16.8	11.4	10.9	15.8	16.7	0.0	5.6	10.1	12.8	19.9	11.5	7.6	6.9	7.5	11.6
<b>Parkinson's disease</b>	8.7	14.7	7.9	10.7	8.6	7.8	11.6	1.2	9.3	7.2	7.1	9.5	7.3	5.5	8.2	5.3
<b>Nephritis</b>	5.9	11.8	1.8	5.7	9.2	5.0	0.0	7.3	5.9	2.4	13.3	6.6	6.0	4.6	3.8	3.0
<b>Assault (homicide)</b>	8.3	14.3	12.1	10.7	12.8	11.9	0.0	4.8	7.1	12.0	15.6	8.5	8.9	10.6	6.1	14.2
<b>Septicemia</b>	3.8	11.8	6.3	5.8	11.3	8.1	0.0	2.9	3.0	2.8	7.6	3.9	4.2	6.3	4.3	4.6
<b>HIV disease</b>	0.9	4.3	1.1	1.5	2.3	0.0	0.0	0.0	1.0	1.1	1.3	1.2	0.0	0.0	0.0	0.6
<b>Injury by firearms</b>	15.3	10.3	20.4	15.2	31.8	8.4	11.6	28.7	13.7	18.5	15.0	18.9	14.5	6.7	23.5	12.4
<b>Drug-induced deaths</b>	28.4	11.9	25.4	18.1	30.5	27.8	11.6	10.4	29.1	19.9	32.1	31.9	21.7	15.7	41.4	20.4
<b>Opioid-induced deaths</b>	18.6	4.6	13.6	8.2	5.2	6.6	11.6	7.3	20.7	12.6	10.7	20.5	12.5	11.5	25.0	1.9
<b>Alcohol-induced deaths</b>	16.2	75.0	15.6	35.6	61.9	20.4	7.5	82.4	13.7	29.1	71.2	13.1	10.9	2.5	18.2	7.7
<b>AVERAGE AGE AT DEATH</b>	72.5	65.8	73.7	68.3	71.7	71.0	73.9	70.8	72.6	73.5	68.3	73.3	70.1	73.0	75.6	72.5
<b>MEDIAN AGE AT DEATH</b>	76.0	69.0	76.0	72.0	75.0	75.0	76.0	74.0	77.0	75.0	72.0	77.0	73.0	77.0	78.0	76.0

**TABLE 5E-11 (continued)  
AGE-ADJUSTED\* MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY GENDER AND AVERAGE AGE AT DEATH  
FROM ALL CAUSES BY COUNTY OF RESIDENCE, ARIZONA, 2019**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
	<b>PER 100,000 MALES:</b>															
<b>Total, all causes</b>	799.6	1207.1	885.4	725.7	1128.9	865.0	720.5	929.3	785.8	987.8	1113.3	844.5	656.9	606.7	806.5	637.0
<b>Cardiovascular disease</b>	221.2	211.0	231.9	161.2	320.4	240.0	215.7	312.3	221.8	278.5	260.1	228.7	188.5	134.1	208.5	192.6
<b>Diseases of heart</b>	172.5	144.6	183.2	124.1	262.6	201.9	150.6	282.7	171.3	231.1	194.8	177.9	149.1	82.7	169.7	150.9
<b>Coronary heart disease</b>	129.4	97.2	135.4	83.7	219.0	145.1	150.6	234.8	128.8	177.4	141.6	130.9	110.1	62.3	129.0	111.2
<b>Malignant neoplasms</b>	156.7	148.0	186.2	116.2	139.1	154.9	191.8	146.9	155.6	203.5	151.3	163.1	136.7	157.0	172.4	124.4
<b>Lung cancer</b>	29.7	18.6	32.3	9.1	20.1	36.3	73.2	52.8	28.7	40.4	23.8	32.7	29.9	20.5	34.9	25.2
<b>Prostate cancer</b>	17.4	9.8	21.3	22.7	18.6	11.8	25.9	14.3	17.6	23.9	21.4	16.4	11.0	10.7	23.2	12.7
<b>Colorectal cancer</b>	14.6	19.3	16.1	12.7	13.7	15.3	0.0	11.3	14.9	26.6	12.4	13.3	11.8	20.9	11.4	8.0
<b>Malignant melanoma of skin</b>	3.1	0.0	4.9	0.0	1.8	5.9	0.0	0.0	3.6	6.1	2.0	1.6	3.0	0.0	3.6	1.7
<b>Breast cancer</b>	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.1	0.6	0.0	0.0	0.6
<b>Accident (unintentional injury)</b>	82.6	190.3	65.4	96.5	121.8	78.0	127.6	88.0	79.9	81.4	151.8	88.2	62.9	60.7	85.6	66.3
<b>Accidental poisoning</b>	37.7	45.5	34.5	29.9	34.4	30.5	0.0	13.5	39.3	18.0	47.7	42.5	24.1	24.0	39.8	27.5
<b>Motor vehicle accident</b>	18.9	64.2	14.3	25.8	48.9	15.1	45.3	51.2	15.8	31.4	42.9	21.7	18.7	16.4	18.0	17.0
<b>Accidental falls</b>	13.9	17.0	5.9	15.1	14.5	11.9	25.9	4.7	15.5	10.5	24.0	14.2	11.1	2.5	12.5	5.4
<b>Accidental drowning</b>	1.8	11.6	2.8	1.2	3.6	9.0	17.0	0.0	1.8	1.7	1.9	0.5	1.5	4.8	2.0	2.0
<b>Chronic lower respiratory diseases</b>	41.9	47.2	69.7	34.7	53.8	73.5	16.7	45.0	39.3	76.4	44.5	40.4	32.4	16.5	44.5	29.5
<b>Diabetes</b>	30.5	87.1	41.4	25.9	25.8	47.6	24.2	9.0	31.0	33.3	68.7	31.4	26.9	23.9	19.8	16.1
<b>Cerebrovascular disease</b>	30.2	46.3	29.2	21.7	29.6	38.1	65.1	22.5	31.1	31.6	50.7	31.3	22.3	45.3	26.5	21.2
<b>Intentional self-harm (suicide)</b>	29.7	34.8	42.2	40.7	85.5	5.9	45.3	72.9	25.4	45.8	48.9	35.4	24.6	18.1	46.2	22.4
<b>Alzheimer's disease</b>	26.3	10.0	12.4	18.6	20.5	18.2	0.0	2.7	30.6	29.1	20.9	25.5	16.6	10.7	23.1	20.3
<b>Chronic liver disease and cirrhosis</b>	18.8	46.2	16.2	26.1	62.2	17.3	13.9	104.0	16.2	31.6	49.5	18.3	15.9	10.2	19.8	24.2
<b>Parkinson's disease</b>	12.8	16.4	11.9	17.3	11.1	6.2	25.9	2.4	14.0	10.3	9.8	15.6	9.3	3.4	11.1	6.8
<b>Influenza and pneumonia</b>	12.3	11.6	16.3	12.5	24.2	21.2	0.0	7.4	11.5	16.3	26.8	14.9	8.2	8.4	6.5	15.4
<b>Essential (primary) hypertension</b>	11.6	18.0	11.9	12.3	7.3	0.0	0.0	0.0	12.5	9.1	11.4	10.9	10.7	3.6	7.5	14.1
<b>Nephritis</b>	10.3	17.6	17.4	15.4	15.1	22.6	0.0	3.2	9.0	17.1	22.6	9.9	8.2	11.2	7.3	16.4
<b>Assault (homicide)</b>	9.1	21.1	0.0	6.9	18.7	5.1	0.0	0.0	9.5	1.3	23.0	9.8	7.3	0.0	6.8	3.5
<b>Septicemia</b>	4.4	17.9	8.3	12.5	17.3	11.9	0.0	0.0	3.5	2.8	10.6	3.9	4.5	8.7	4.5	3.5
<b>HIV disease</b>	1.5	8.8	2.1	2.9	0.0	0.0	0.0	0.0	1.5	1.7	2.6	1.8	0.0	0.0	0.0	1.2
<b>Injury by firearms</b>	25.9	18.5	31.7	23.6	63.9	5.9	22.7	44.4	23.6	30.1	22.8	31.1	23.2	9.6	37.9	21.2
<b>Drug-induced deaths</b>	39.8	17.8	36.5	15.7	44.9	26.1	22.7	6.6	41.5	24.0	39.1	46.3	27.4	24.0	50.0	28.2
<b>Opioid-induced deaths</b>	26.5	4.9	19.8	10.3	10.6	5.7	22.7	0.0	29.7	16.6	12.7	31.0	16.8	21.2	29.0	2.8
<b>Alcohol-induced deaths</b>	22.6	108.2	17.7	40.1	91.1	27.6	13.9	119.6	19.7	38.5	91.2	18.9	14.1	5.4	25.8	13.5
<b>AVERAGE AGE AT DEATH</b>	69.8	62.7	72.3	65.1	68.5	69.9	71.5	70.4	69.4	72.4	66.2	70.4	68.5	69.0	73.7	70.8
<b>MEDIAN AGE AT DEATH</b>	74.0	65.0	75.0	69.0	72.0	74.0	74.0	74.0	74.0	74.0	70.0	74.0	72.0	74.0	76.0	75.0

**TABLE 5E-11 (continued)**  
**AGE-ADJUSTED\* MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY GENDER AND AVERAGE AGE AT DEATH**  
**FROM ALL CAUSES BY COUNTY OF RESIDENCE, ARIZONA, 2019**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
	<b>PER 100,000 FEMALES:</b>															
<b>Total, all causes</b>	562.9	734.2	578.0	551.8	703.4	596.8	565.8	539.1	560.2	679.3	742.4	565.8	488.9	415.0	612.8	436.5
<b>Cardiovascular disease</b>	152.4	146.5	161.6	122.4	173.0	131.4	211.9	136.2	156.3	175.4	165.4	147.2	134.7	112.9	155.3	135.2
<b>Diseases of heart</b>	106.3	97.9	115.7	86.5	134.7	89.3	139.2	111.6	108.4	126.5	109.9	104.0	93.5	75.3	106.9	91.8
<b>Coronary heart disease</b>	71.1	61.5	79.4	56.5	100.4	55.3	121.5	89.3	71.2	94.5	52.6	71.9	62.7	47.8	73.1	62.1
<b>Malignant neoplasms</b>	116.4	108.3	115.8	123.5	136.6	125.5	59.6	101.8	115.2	162.5	122.5	120.9	90.8	73.9	130.4	93.7
<b>Lung cancer</b>	23.3	6.8	30.0	14.0	34.6	9.0	0.0	14.5	22.9	45.4	17.3	20.7	16.9	2.4	35.0	20.3
<b>Breast cancer</b>	18.8	14.4	16.0	18.3	18.3	24.8	0.0	8.7	19.2	27.8	20.9	18.1	15.2	11.5	20.4	15.1
<b>Colorectal cancer</b>	10.1	10.8	9.6	14.1	12.9	4.9	41.9	5.9	10.8	11.4	9.8	7.6	7.4	9.5	12.2	4.3
<b>Cervical cancer</b>	2.0	0.0	0.9	1.8	0.0	5.8	0.0	0.0	2.2	4.6	1.0	1.6	1.4	0.0	0.7	2.2
<b>Malignant melanoma of skin</b>	1.6	0.0	1.9	0.0	0.0	0.0	0.0	3.3	1.3	1.7	1.0	2.8	1.2	0.0	3.6	0.0
<b>Alzheimer's disease</b>	38.3	21.8	19.5	27.6	47.1	49.0	52.6	29.8	42.1	33.1	36.3	35.1	26.6	37.5	40.5	31.6
<b>Chronic lower respiratory diseases</b>	37.0	28.0	44.8	28.3	40.2	36.5	78.7	35.2	34.7	65.3	54.8	35.8	36.8	12.6	47.2	24.7
<b>Accident (unintentional injury)</b>	36.0	65.7	29.4	50.0	42.9	47.6	0.0	69.9	34.7	37.9	72.2	35.8	30.4	30.2	54.5	20.6
<b>Accidental poisoning</b>	13.7	7.9	8.5	22.2	9.8	25.7	0.0	13.8	13.6	10.6	28.7	15.0	8.4	7.7	24.9	9.1
<b>Accidental falls</b>	10.6	10.8	4.4	15.8	9.9	4.4	0.0	0.0	11.3	11.9	8.1	9.7	7.9	10.2	13.3	6.0
<b>Motor vehicle accident</b>	7.5	35.6	12.8	7.7	10.0	17.5	0.0	6.1	6.0	9.7	26.9	6.9	10.8	12.3	11.5	3.0
<b>Accidental drowning</b>	0.7	0.0	0.0	1.4	4.6	0.0	0.0	46.7	0.7	1.5	0.0	0.6	0.0	0.0	0.0	0.0
<b>Cerebrovascular disease</b>	31.4	33.7	28.7	29.4	33.0	20.5	16.3	16.6	31.5	37.9	31.6	32.3	27.1	28.0	36.3	25.6
<b>Diabetes</b>	18.1	49.5	14.7	13.1	24.3	26.1	17.7	9.3	17.7	22.7	35.3	17.7	21.0	2.8	10.6	19.5
<b>Chronic liver disease and cirrhosis</b>	10.8	64.8	17.5	21.4	47.5	28.9	0.0	25.9	7.9	16.3	45.1	10.9	10.0	0.0	11.6	6.4
<b>Essential (primary) hypertension</b>	10.3	10.5	8.8	4.7	3.5	17.4	21.0	2.6	12.0	8.5	14.5	7.3	7.7	7.1	8.5	12.1
<b>Influenza and pneumonia</b>	8.9	22.2	7.1	9.1	8.2	13.8	0.0	3.3	9.0	9.6	13.7	8.8	7.1	5.6	8.2	8.2
<b>Intentional self-harm (suicide)</b>	8.3	8.1	9.9	16.7	5.3	11.8	0.0	0.0	7.4	10.8	6.7	10.6	6.4	0.0	18.3	4.8
<b>Nephritis</b>	6.5	10.6	7.1	6.3	10.5	4.4	0.0	6.1	5.5	7.0	9.1	7.4	9.8	9.8	4.6	12.1
<b>Parkinson's disease</b>	5.4	13.8	4.4	6.0	6.4	9.7	0.0	0.0	5.8	4.3	4.9	4.8	5.6	7.1	5.7	4.0
<b>Septicemia</b>	3.3	6.1	4.5	0.0	5.4	4.1	0.0	6.0	2.6	2.9	4.6	3.9	3.7	4.7	4.2	5.6
<b>Assault (homicide)</b>	2.6	3.1	3.8	4.3	0.0	5.3	0.0	13.8	2.2	3.5	3.3	3.4	4.4	9.2	0.7	2.3
<b>HIV disease</b>	0.4	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.4	0.5	0.0	0.7	0.0	0.0	0.0	0.0
<b>Injury by firearms</b>	5.0	1.9	8.9	6.6	0.0	12.7	0.0	13.8	4.2	6.5	6.8	7.0	4.6	4.6	9.9	3.0
<b>Drug-induced deaths</b>	16.9	6.2	13.3	20.6	16.3	30.1	0.0	13.8	16.6	15.0	25.5	17.6	14.9	7.7	33.4	11.1
<b>Opioid-induced deaths</b>	10.4	4.4	6.6	6.0	0.0	7.8	0.0	13.8	11.6	8.0	8.7	9.9	7.3	2.5	21.1	0.9
<b>Alcohol-induced deaths</b>	10.1	43.2	13.8	31.2	32.8	11.8	0.0	39.8	8.1	19.5	52.2	7.9	7.6	0.0	11.2	2.1
<b>AVERAGE AGE AT DEATH</b>	75.7	70.2	75.4	72.0	75.8	72.5	76.2	71.4	76.1	75.0	71.0	76.7	72.1	77.7	77.7	74.8
<b>MEDIAN AGE AT DEATH</b>	79.0	75.0	77.0	76.0	78.0	76.0	77.0	75.0	80.0	77.0	76.0	80.0	75.0	83.0	80.0	78.0

Notes: \* Adjusted to the 2000 standard U.S. population; All rates are per 100,000 resident population; The rates based on fewer than 10 deaths (see Table 5E-12) are not statistically reliable.



**TABLE 5E-12 (continued)**  
**DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2019**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown	TOTAL DEATHS, BOTH GENDERS																
																		*	7	*	7	*	0	*	197	19	9	66	25	*	25	*	13	*
Malignant neoplasm of meninges, brain and other parts of central nervous system	380+	*	7	*	7	*	0	*	197	19	9	66	25	*	25	*	13	*																
Malignant neoplasm of lymphoid, hematopoietic and related tissue	1,240+	15	27	11	11	*	0	6	696	59	14	222	66	11	70	29	*																	
Hodgkin's disease	20+	0	0	0	0	0	0	0	18	0	0	*	*	0	0	0	0																	
Non-Hodgkin's lymphoma	410+	7	9	*	*	*	0	*	219	21	7	71	23	*	24	16	0																	
Leukemia	550+	7	13	8	*	*	0	*	317	23	*	96	24	*	29	9	*																	
Multiple myeloma and immunoproliferative neoplasms	260+	*	*	0	*	0	0	0	140	15	*	52	18	*	13	*	0																	
Other and unspecified malignant neoplasms of lymphoid tissue	10+	0	*	0	0	0	0	0	*	0	0	0	0	0	*	0	0																	
All other and unspecified malignant neoplasm	1,630+	16	36	19	24	10	*	10	825	100	25	311	94	16	89	53	*																	
In situ neoplasms	380+	*	6	*	6	*	0	0	222	20	*	54	34	*	18	7	0																	
Anemias	70+	*	*	0	*	*	*	*	31	*	0	13	*	*	*	*	*																	
Diabetes	2,170+	53	55	25	23	16	*	*	1,192	109	68	342	143	9	67	55	6																	
Nutritional deficiencies	420+	*	10	25	7	*	0	*	155	32	13	60	6	*	77	21	*																	
Malnutrition	390+	*	10	14	7	*	0	*	150	32	9	59	*	*	75	17	*																	
Other nutritional deficiencies	30+	0	0	11	0	0	0	0	*	0	*	*	*	*	*	*	0																	
Obesity	180+	*	6	*	*	0	0	*	100	7	*	25	16	*	9	6	*																	
Meningitis	20+	0	0	0	0	0	0	0	11	0	*	0	*	0	*	0	*																	
Parkinson's disease	810+	11	17	13	10	*	*	*	453	33	10	146	44	*	41	18	*																	
Alzheimer's disease	3,050+	13	34	27	39	15	*	11	1,836	138	37	492	122	18	161	93	6																	
Major cardiovascular diseases	16,934	141	394	178	250	73	21	119	9,274	956	282	2,785	958	85	855	528	35																	
Diseases of heart	12,560	95	299	131	197	56	14	101	6,815	750	202	2,071	713	55	645	390	26																	
Acute rheumatic fever and chronic rheumatic heart disease	70+	0	*	*	0	0	0	0	32	*	*	11	*	0	10	6	0																	
Hypertensive heart disease	1,410+	8	25	10	16	*	*	*	878	38	12	196	103	*	82	30	*																	
Hypertensive heart and renal disease	170+	*	7	*	*	0	0	*	97	6	*	34	*	*	*	0	0																	
Ischemic heart disease	7,617	56	190	77	146	35	12	80	3,972	527	119	1,304	408	36	392	249	14																	
Acute myocardial infarction	1,600+	23	41	11	12	12	*	12	786	67	41	297	83	15	76	115	*																	
Other acute ischemic heart disease	50+	*	*	*	*	0	0	*	23	*	*	15	*	0	*	0	0																	
Other forms of chronic ischemic heart disease	5,966	32	146	65	133	23	8	67	3,163	458	77	992	324	21	313	134	10																	
Atherosclerotic cardiovascular disease	1,540+	*	21	13	70	*	*	*	835	204	10	190	81	7	89	*	*																	
All other forms of chronic ischemic heart disease	4,424	27	125	52	63	19	6	66	2,328	254	67	802	243	14	224	129	*																	
Other heart diseases	3,300+	30	76	41	32	17	*	17	1,836	175	69	526	193	17	157	101	10																	
Acute and subacute endocarditis	40+	0	*	0	0	0	0	0	20	*	*	6	*	0	*	*	0																	
Diseases of pericardium and acute myocarditis	20+	0	0	0	*	0	0	0	14	0	0	*	*	0	*	0	0																	
Heart failure	840+	10	18	12	7	*	*	6	446	67	27	123	43	9	34	28	*																	
All other forms of heart disease	2,394	20	55	29	23	14	0	11	1,356	107	41	393	144	8	118	69	6																	
Essential (primary) hypertension and hypertensive renal disease	1,010+	11	22	12	7	*	*	*	614	36	16	136	58	*	41	45	*																	
Cerebrovascular diseases	2,850+	32	57	32	33	12	*	12	1,564	150	56	492	149	24	150	74	7																	

**TABLE 5E-12 (continued)**  
**DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2019**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA										TOTAL DEATHS, BOTH GENDERS									
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown				
Atherosclerosis	80†	*	*	*	0	*	0	33	7	*	9	9	0	9	8	0				
Other diseases of circulatory system	440†	*	15	11	*	*	*	248	13	7	77	29	*	10	11	*				
Aortic aneurysm and dissection	210†	*	*	7	0	*	*	121	*	*	38	13	*	7	*	*				
Other disease of arteries, arterioles and capillaries	230†	*	10	*	*	0	*	127	8	*	39	16	*	*	7	0				
Other disorders of circulatory system	120†	*	*	6	0	*	*	54	8	*	23	8	0	*	*	*				
Influenza and pneumonia	950†	13	22	14	13	7	0	504	53	24	163	45	*	37	36	7				
Influenza	80†	*	*	*	*	0	0	38	*	*	16	*	0	*	*	*				
Pneumonia	870†	10	19	12	12	*	0	466	49	19	147	41	*	35	35	6				
Other acute lower respiratory infections	10†	0	0	0	0	0	0	*	*	*	*	0	0	*	*	0				
Acute bronchiolitis	10†	0	0	0	0	0	0	*	*	*	*	0	0	0	*	0				
Unspecified acute lower respiratory infection	0†	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0				
Chronic lower respiratory diseases	3,678	32	120	38	52	21	6	23	1,832	323	581	223	10	240	91	11				
Bronchitis, chronic and unspecified	10†	0	0	0	0	0	0	0	*	0	*	*	0	0	0	0				
Empysema	160†	6	14	10	*	*	0	0	59	11	8	24	7	12	*	0				
Asthma	90†	*	*	0	*	0	0	47	6	*	22	*	0	*	0	0				
Other chronic lower respiratory diseases	3,426	24	104	28	50	20	6	22	1,724	306	66	533	211	8	227	86				
Pneumoconioses and chemical effects	10†	0	0	*	0	0	0	0	*	*	*	0	0	*	0	0				
Pneumonitis due to solids and liquids	230†	*	6	*	*	0	*	0	132	12	*	32	18	*	*	*				
Other disease of respiratory system	880†	19	24	16	10	*	0	*	455	39	17	167	50	*	45	26				
Peptic ulcer	120†	*	*	*	*	*	*	0	54	*	25	7	*	*	6	0				
Diseases of appendix	10†	0	*	0	0	*	0	0	*	*	0	0	0	*	*	0				
Hernia	50†	*	*	0	*	0	0	26	7	*	11	*	0	*	*	0				
Chronic liver disease and cirrhosis	1,210†	37	29	32	29	8	*	12	579	80	52	180	67	*	56	38				
Alcoholic liver disease	770†	22	15	23	21	*	*	10	404	53	39	91	39	*	29	13				
Other chronic liver disease and cirrhosis	440†	15	14	9	8	*	0	*	175	27	13	89	28	*	27	25				
Cholelithiasis and other disorders of gallbladder	80†	*	*	*	*	0	0	32	*	*	20	*	*	*	*	0				
Nephritis, nephrotic syndrome and nephrosis	760†	11	23	12	14	*	0	354	54	22	125	54	8	27	47	*				
Acute and rapidly progressive nephritic and nephrotic syndrome	0†	0	0	0	0	0	0	*	0	0	*	0	0	*	0	0				
Chronic glomerulonephritis	10†	0	0	0	0	0	0	*	0	0	*	0	0	*	0	0				
Renal failure	750†	11	23	12	14	*	0	347	54	22	123	53	8	25	47	*				
Others disorders of kidney	0†	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0				
Infections of kidney	20†	0	0	*	*	*	*	7	*	0	6	0	0	*	0	0				
Hyperplasia of prostate	10†	0	*	0	0	0	0	*	*	*	*	0	0	0	0	0				
Inflammatory diseases of female pelvic organs	10†	0	0	0	0	0	0	*	0	0	*	0	0	*	0	0				
Pregnancy, childbirth and the puerperium	40†	*	0	*	0	0	0	26	*	*	*	*	*	*	*	0				
Pregnancy with abortive outcome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				







**TABLE 5E-12 (continued)**  
**DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2019**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA										MALE DEATHS									
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown				
Malignant neoplasm of meninges, brain and other parts of central nervous system	220†	*	*	*	*	*	0	0	116	14	*	34	16	*	12	*				
Malignant neoplasm of lymphoid, hematopoietic and related tissue	730†	7	23	6	*	*	0	*	409	37	7	125	44	7	40	18				
Hodgkin's disease	10†	0	0	0	0	0	0	0	13	0	0	*	0	0	0	0				
Non-Hodgkin's lymphoma	250†	*	8	*	0	0	0	0	128	17	*	47	14	*	14	10				
Leukemia	310†	*	10	*	*	*	0	*	193	13	*	49	14	*	15	*				
Multiple myeloma and immunoproliferative neoplasms	150†	*	*	0	*	0	0	0	74	7	*	28	16	*	9	*				
Other and unspecified malignant neoplasms of lymphoid tissue	0†	0	*	0	0	0	0	0	*	0	0	0	0	0	*	0				
All other and unspecified malignant neoplasm	920†	10	25	7	13	*	7	449	58	14	174	58	8	55	33	*				
In situ neoplasms	210†	*	*	*	*	*	0	0	119	15	*	26	17	*	10	*				
Anemias	30†	*	0	0	*	*	0	0	15	*	0	7	*	0	*	0				
Diabetes	1,290†	32	38	17	12	10	*	709	65	44	202	84	8	38	25	6				
Nutritional deficiencies	140†	*	*	8	*	*	0	0	50	13	*	20	*	0	32	0				
Malnutrition	130†	*	*	*	*	*	0	0	49	13	*	20	*	0	30	0				
Other nutritional deficiencies	10†	0	0	*	0	0	0	0	*	0	*	0	0	0	*	0				
Obesity	100†	*	*	*	*	*	0	0	56	*	6	9	*	*	*	0				
Meningitis	10†	0	0	0	0	0	0	0	6	0	*	0	*	0	*	0				
Parkinson's disease	530†	*	12	9	6	*	*	293	23	6	104	27	*	26	11	*				
Alzheimer's disease	1,050†	*	12	9	10	*	0	629	62	11	170	45	*	51	35	*				
Major cardiovascular diseases	9,157	76	218	94	151	43	9	81	4,860	574	166	1,506	557	41	458	299				
Diseases of heart	7,129	52	172	71	119	36	6	71	3,753	473	123	1,165	438	26	372	234				
Acute rheumatic fever and chronic rheumatic heart disease	30†	0	*	0	0	0	0	0	14	*	0	*	*	0	*	0				
Hypertensive heart disease	740†	*	10	*	7	*	*	441	20	8	106	60	*	49	18	*				
Hypertensive heart and renal disease	80†	0	*	*	*	0	0	0	47	*	0	16	*	0	0	0				
Ischemic heart disease	4,640†	34	118	42	96	23	*	59	2,397	342	84	759	264	18	236	156				
Acute myocardial infarction	980†	16	30	8	7	11	*	9	469	38	35	169	55	9	45	70				
Other acute ischemic heart disease	30†	*	*	0	*	0	0	*	14	*	0	7	*	0	0	0				
Other forms of chronic ischemic heart disease	3,640†	17	86	34	88	12	*	49	1,914	303	49	583	208	9	190	86				
Atherosclerotic cardiovascular disease	1,000†	*	12	7	53	*	0	*	529	148	7	121	51	*	58	*				
All other forms of chronic ischemic heart disease	2,640†	15	74	27	35	11	*	48	1,385	155	42	462	157	*	132	82				
Other heart diseases	1,644	15	39	23	15	10	0	11	854	103	31	279	111	7	83	56				
Acute and subacute endocarditis	30†	0	*	0	0	0	0	0	11	*	*	*	*	0	*	0				
Diseases of pericardium and acute myocarditis	10†	0	0	0	*	0	0	0	9	0	0	0	*	0	0	0				
Heart failure	410†	*	10	7	*	*	0	*	201	46	10	65	20	*	16	13				
All other forms of heart disease	1,190†	10	26	16	11	8	0	8	633	56	20	211	85	*	63	39				
Essential (primary) hypertension and hypertensive renal disease	480†	6	12	8	*	0	0	0	274	19	7	73	33	*	18	23				
Cerebrovascular diseases	1,260†	17	26	13	15	7	*	7	679	68	34	212	66	13	59	32				

TABLE 5E-12 (continued)  
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2019

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA														MALE DEATHS													
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown												
Atherosclerosis	40†	0	0	*	0	0	0	14	6	0	*	*	0	*	*	0												
Other diseases of circulatory system	250†	*	8	*	10	0	*	140	8	*	52	15	*	*	7	*												
Aortic aneurysm and dissection	140†	*	*	*	7	0	*	80	*	*	31	6	*	*	*	*												
Other disease of arteries, arterioles and capillaries	110†	0	*	0	*	0	*	60	*	*	21	9	0	*	*	6												
Other disorders of circulatory system	70†	*	*	*	*	0	*	28	7	0	13	*	0	*	0	*												
Influenza and pneumonia	510†	*	15	8	8	*	*	253	32	15	97	25	*	16	23	*												
Influenza	40†	*	*	*	*	0	0	19	*	*	7	*	0	0	*	*												
Pneumonia	470†	*	13	7	7	*	*	234	30	12	90	23	*	16	22	*												
Other acute lower respiratory infections	0†	0	0	0	0	0	0	*	0	*	0	0	0	0	0	0												
Acute bronchiolitis	0†	0	0	0	0	0	0	*	0	*	0	0	0	0	0	0												
Unspecified acute lower respiratory infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Chronic lower respiratory diseases	1,780†	19	70	19	31	13	*	13	867	173	32	276	103	*	107	48												
Bronchitis, chronic and unspecified	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Empysema	90†	*	7	*	*	*	0	36	6	*	11	*	*	0	8	*												
Asthma	40†	*	0	0	0	0	0	21	*	*	10	*	0	0	0	0												
Other chronic lower respiratory diseases	1,660†	14	63	16	30	12	*	12	810	165	27	254	100	*	99	44												
Pneumoconioses and chemical effects	10†	0	0	*	0	0	0	*	*	*	*	0	0	*	*	0												
Pneumonitis due to solids and liquids	130†	*	*	*	*	0	0	76	6	*	21	10	0	*	*	*												
Other disease of respiratory system	490†	11	17	9	*	*	0	252	24	8	89	29	*	26	15	*												
Peptic ulcer	70†	*	*	*	*	*	0	27	*	*	14	*	*	*	*	0												
Diseases of appendix	0†	0	0	0	0	0	0	0	0	0	0	0	0	*	*	0												
Hernia	20†	*	*	0	0	0	0	10	*	*	*	0	0	0	0	0												
Chronic liver disease and cirrhosis	750†	16	13	18	15	*	*	9	376	51	28	110	41	*	35	30												
Alcoholic liver disease	490†	10	7	13	12	*	*	7	267	33	21	56	26	*	20	11												
Other chronic liver disease and cirrhosis	260†	6	6	*	*	*	0	*	109	18	7	54	15	*	15	19												
Cholelithiasis and other disorders of gallbladder	40†	0	0	*	0	0	0	*	17	*	*	10	*	*	*	0												
Nephritis, nephrotic syndrome and nephrosis	430†	6	16	8	9	*	0	200	37	15	66	26	*	14	27	0												
Acute and rapidly progressive nephritic and nephrotic syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Chronic glomerulonephritis	0†	0	0	0	0	0	0	*	0	*	0	0	0	*	*	0												
Renal failure	430†	6	16	8	9	*	0	198	37	15	66	26	*	13	27	0												
Others disorders of kidney	0†	0	0	0	0	0	0	*	0	*	0	0	0	0	0	0												
Infections of kidney	10†	0	0	0	*	0	0	*	*	*	0	0	0	*	0	0												
Hyperplasia of prostate	10†	0	*	0	0	0	0	*	*	*	*	0	0	0	0	0												

**TABLE 5E-12 (continued)  
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2019**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA														Unknown		
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai		Yuma	
<b>MALE DEATHS</b>																	
Perinatal conditions	110+	*	*	*	0	*	0	0	0	68	*	*	12	9	*	7	0
Congenital anomalies, deformations and chromosomal abnormalities	100+	*	*	*	*	0	0	0	0	58	*	*	17	6	*	7	0
Symptoms, signs, abnormal findings	480+	31	11	*	6	0	*	*	289	17	13	57	22	*	14	*	6
Total accidents	3,039	65	44	66	35	15	6	12	1,730	116	79	476	153	15	114	81	32
Transport accidents	760+	25	11	21	15	*	*	7	377	39	23	128	48	*	23	22	15
Motor vehicle accidents	690+	21	10	18	12	*	*	6	346	35	20	115	45	*	21	20	13
Other land transport accidents	30+	*	0	*	*	0	0	0	14	*	*	7	0	0	0	0	*
Water, air, space	40+	*	*	*	*	0	0	0	17	*	0	6	*	0	*	*	*
Nontransport accidents	2,280+	40	33	45	20	12	*	*	1,353	77	56	348	105	10	91	59	17
Falls	560+	6	6	9	6	*	*	*	329	24	13	93	31	*	29	9	*
Accidental discharge of firearms	10+	0	0	0	0	0	0	0	*	0	0	*	*	*	0	*	*
Accidental drowning and submersion	70+	*	*	*	*	*	*	0	42	*	*	*	*	*	*	*	*
Accidental exposure to smoke, fire and flames	20+	0	*	*	*	0	0	*	7	6	0	*	*	*	*	*	0
Accidental poisoning	1,320+	17	20	20	8	6	0	*	846	18	26	211	55	*	43	31	10
Other and unspecified nontransport accidents	290+	13	*	13	*	*	*	*	126	27	16	36	14	*	12	14	*
Intentional self-harm (suicide)	1,100+	11	30	31	21	*	*	8	561	57	26	189	60	*	71	25	*
By discharge of firearms	690+	*	23	12	13	*	*	*	341	38	8	123	42	*	55	20	0
By other means	410+	8	7	19	8	0	*	*	220	19	18	66	18	*	16	*	*
Assault (homicide)	320+	8	0	*	*	*	0	0	205	*	12	51	16	0	7	*	*
By discharge of firearms	230+	*	0	*	*	0	0	0	159	*	*	36	10	0	*	*	*
By other means	90+	*	0	*	*	*	0	0	46	0	7	15	6	0	*	0	*
Legal intervention	10+	*	0	*	0	0	0	0	8	*	0	0	*	0	*	0	0
Events of undetermined intent	90+	*	0	0	*	*	0	0	43	7	*	15	8	0	*	0	*
Discharge of firearms	10+	0	0	0	0	0	0	0	*	0	0	*	*	0	*	0	0
Other and unspecified events of undetermined intent	80+	*	0	0	*	*	0	0	38	7	*	10	6	0	*	0	*
Operations of war	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	60+	*	*	0	0	0	0	0	26	*	0	13	*	*	*	*	0
Injury by firearms	950+	6	23	17	16	*	*	*	515	40	13	166	56	*	63	25	*
Drug-induced deaths	1,400+	6	22	10	12	*	*	*	895	27	20	232	63	*	54	32	12
Opioid-induced deaths	920+	*	12	7	*	*	*	0	634	19	7	152	38	*	29	*	6
Alcohol-induced deaths	870+	38	15	27	19	*	*	9	445	54	54	113	36	*	35	16	*

**TABLE 5E-12 (continued)**  
**DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2019**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA														Unknown		
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai		Yuma	
<b>Total, all causes</b>	27,585	303	602	383	359	127	33	115	15,345	1,410	510	4,600	1,431	156	1,450	698	63
Salmonella infections	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0
Shigellosis and amebiasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections	100†	0	6	*	0	*	0	0	44	6	*	24	8	*	*	*	*
Enterocolitis due to Clostridium difficile	60†	0	*	*	0	*	0	0	28	*	*	14	*	0	*	*	0
Tuberculosis	0†	0	0	0	0	0	0	0	*	0	0	0	*	0	0	0	0
Respiratory tuberculosis	0†	0	0	0	0	0	0	0	*	0	0	0	*	0	0	0	0
Other tuberculosis	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Whooping cough	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia	160†	*	*	0	*	*	0	*	71	7	*	29	11	*	11	8	*
Syphilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne encephalitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis	40†	0	*	*	0	*	0	*	23	0	*	12	0	0	*	0	0
Human immunodeficiency virus (HIV) disease	20†	0	0	0	*	0	0	0	9	*	0	*	0	0	0	0	0
Malaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases	100†	*	*	0	*	0	0	0	63	*	*	13	7	0	*	*	0
Malignant neoplasms	5,750†	45	127	92	75	27	*	23	3,135	346	94	984	297	28	318	143	8
Malignant neoplasm of lip, oral cavity and pharynx	50†	*	0	*	0	0	0	0	19	*	*	13	*	0	*	*	0
Malignant neoplasm of esophagus	60†	0	*	*	*	*	0	0	33	*	*	10	*	0	*	*	0
Malignant neoplasm of stomach	90†	*	*	*	*	0	0	0	47	*	*	14	*	0	7	*	0
Malignant neoplasm of colon, rectum and anus	500†	*	11	11	8	*	*	*	290	28	8	64	24	*	31	7	*
Malignant neoplasm of liver and intrahepatic bile ducts	220†	*	*	*	*	*	0	0	117	14	7	39	14	*	8	*	0
Malignant neoplasm of pancreas	480†	*	10	8	7	*	0	*	265	20	6	90	30	*	21	13	0
Malignant neoplasm of larynx	10†	0	0	0	0	0	0	0	*	*	0	*	0	0	0	0	0
Malignant neoplasm of trachea, bronchus and lung	1,200†	*	33	10	21	*	0	*	640	102	15	178	60	*	89	34	*
Malignant melanoma of skin	70†	0	*	0	0	0	0	0	34	*	*	20	*	0	7	0	*
Malignant neoplasm of breast	900†	6	19	13	8	*	0	*	513	53	15	144	47	*	46	22	*
Malignant neoplasm of cervix uteri	80†	0	*	*	0	*	0	0	54	6	*	11	*	0	*	*	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	200†	*	*	*	*	0	0	*	114	7	*	33	12	0	7	8	0
Malignant neoplasm of ovary	300†	*	8	9	*	*	0	*	158	16	8	62	18	*	9	*	0
Malignant neoplasm of kidney and renal pelvis	110†	*	*	*	*	*	0	*	48	10	*	18	*	*	8	*	0
Malignant neoplasm of bladder	100†	0	*	*	0	0	0	0	55	6	0	19	*	0	*	*	0

**TABLE 5E-12 (continued)**  
**DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2019**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA										FEMALE DEATHS										Unknown
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma						
Malignant neoplasm of meninges, brain and other parts of central nervous system	160+	0	*	*	*	*	0	*	81	*	32	9	0	13	0						
Malignant neoplasm of lymphoid, hematopoietic and related tissue	510+	8	*	*	7	*	0	*	287	22	7	97	22	*	30						
Hodgkin's disease	10+	0	0	0	0	0	0	*	*	0	0	*	0	0	0						
Non-Hodgkin's lymphoma	160+	*	*	*	*	*	0	*	91	*	24	9	*	10	6						
Leukemia	240+	6	*	*	*	*	0	*	124	10	47	10	*	14	*						
Multiple myeloma and immunoproliferative neoplasms	110+	0	0	0	0	0	0	0	66	8	24	*	0	*	0						
Other and unspecified malignant neoplasms of lymphoid tissue	0+	0	0	0	0	0	0	0	*	0	0	0	0	*	0						
All other and unspecified malignant neoplasm	720+	6	11	12	11	*	*	376	42	11	137	36	8	34	20						
In situ neoplasms	180+	*	*	*	*	*	0	0	103	*	0	28	17	*	8						
Anemias	40+	0	*	0	0	0	*	16	*	0	6	0	*	*	*						
Diabetes	880+	21	17	8	11	6	*	483	44	24	140	59	*	29	30						
Nutritional deficiencies	280+	*	7	17	6	0	0	105	19	8	40	*	*	45	16						
Malnutrition	260+	*	7	9	6	0	0	101	19	*	39	*	*	45	13						
Other nutritional deficiencies	20+	0	0	8	0	0	0	*	0	*	*	*	0	0	*						
Obesity	90+	*	*	*	0	0	0	44	*	0	19	7	0	*	*						
Meningitis	10+	0	0	0	0	0	0	*	0	0	0	0	0	0	0						
Parkinson's disease	280+	6	*	*	*	*	0	160	10	*	42	17	*	15	7						
Alzheimer's disease	2,000+	10	22	18	29	12	*	1,207	76	26	322	77	15	110	58						
Major cardiovascular diseases	7,777	65	176	84	99	30	12	38	4,414	382	116	1,279	401	44	397						
Diseases of heart	5,431	43	127	60	78	20	8	30	3,062	277	79	906	275	29	273						
Acute rheumatic fever and chronic rheumatic heart disease	40+	0	0	*	0	0	0	0	18	*	6	*	0	6	*						
Hypertensive heart disease	670+	*	15	*	9	*	0	437	18	*	90	43	0	33	12						
Hypertensive heart and renal disease	90+	*	*	*	*	0	0	50	*	*	18	*	*	*	0						
Ischemic heart disease	2,975	22	72	35	50	12	7	21	1,575	185	35	545	144	18	156						
Acute myocardial infarction	620+	7	11	*	*	*	*	317	29	6	128	28	6	31	45						
Other acute ischemic heart disease	20+	0	*	*	0	0	0	9	*	*	8	0	0	*	0						
Other forms of chronic ischemic heart disease	2,330+	15	60	31	45	11	*	1,249	155	28	409	116	12	123	48						
Atherosclerotic cardiovascular disease	540+	*	9	6	17	*	*	306	56	*	69	30	*	31	*						
All other forms of chronic ischemic heart disease	1,790+	12	51	25	28	8	*	943	99	25	340	86	9	92	47						
Other heart diseases	1,650+	15	37	18	17	7	*	6	982	72	38	247	82	10	74						
Acute and subacute endocarditis	10+	0	0	0	0	0	0	9	0	0	*	0	0	*	0						
Diseases of pericardium and acute myocarditis	10+	0	0	0	*	0	0	*	0	0	*	0	0	0	0						
Heart failure	430+	*	8	*	*	*	*	245	21	17	58	23	*	18	15						
All other forms of heart disease	1,200+	10	29	13	12	6	0	723	51	21	182	59	6	55	30						
Essential (primary) hypertension and hypertensive renal disease	530+	*	10	*	*	*	*	340	17	9	63	25	*	23	22						
Cerebrovascular diseases	1,590+	15	31	19	18	*	*	885	82	22	280	83	11	91	42						

**TABLE 5E-12 (continued)**  
**DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2019**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA													FEMALE DEATHS												
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown										
Atherosclerosis	40†	0	*	0	0	0	*	0	19	*	*	*	*	0	*	0										
Other diseases of circulatory system	180†	*	7	*	*	*	*	108	*	*	25	14	*	6	*	0										
Aortic aneurysm and dissection	70†	0	*	0	0	*	*	41	*	*	7	7	0	*	*	0										
Other disease of arteries, arterioles and capillaries	110†	*	*	*	*	0	0	67	*	*	18	7	*	*	*	0										
Other disorders of circulatory system	60†	0	*	*	0	0	0	26	*	*	10	*	0	*	*	0										
Influenza and pneumonia	440†	9	7	6	*	0	*	251	21	9	66	20	*	21	13	*										
Influenza	40†	*	*	*	0	*	0	19	*	*	9	*	0	*	0	0										
Pneumonia	400†	7	6	*	*	0	*	232	19	7	57	18	*	19	13	*										
Other acute lower respiratory infections	10†	0	0	0	0	0	0	0	*	0	*	0	0	*	*	0										
Acute bronchiolitis	0†	0	0	0	0	0	0	0	*	0	*	0	0	0	*	0										
Unspecified acute lower respiratory infection	0†	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0										
Chronic lower respiratory diseases	1,900†	13	50	19	21	8	*	10	965	150	43	305	120	*	133	43										
Bronchitis, chronic and unspecified	0†	0	0	0	0	0	0	0	*	0	*	*	*	0	0	0										
Empysema	80†	*	7	7	0	0	0	23	*	*	13	6	*	*	*	0										
Asthma	50†	0	*	0	*	0	0	26	*	0	12	*	0	*	0	0										
Other chronic lower respiratory diseases	1,770†	10	41	12	20	8	*	10	914	141	39	279	111	*	128	42										
Pneumoconioses and chemical effects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Pneumonitis due to solids and liquids	100†	*	*	0	*	0	*	56	6	0	11	8	*	*	*	*										
Other disease of respiratory system	390†	8	7	7	7	0	0	203	15	9	78	21	*	19	11	*										
Peptic ulcer	50†	0	*	*	0	0	*	27	0	*	11	*	0	*	*	0										
Diseases of appendix	10†	0	*	0	0	0	0	*	*	0	0	0	0	0	0	0										
Hernia	30†	0	*	0	*	0	0	16	*	0	8	*	0	*	*	0										
Chronic liver disease and cirrhosis	460†	21	16	14	14	*	0	203	29	24	70	26	0	21	8	*										
Alcoholic liver disease	280†	12	8	10	9	*	0	137	20	18	35	13	0	9	*	*										
Other chronic liver disease and cirrhosis	180†	9	8	*	*	*	0	66	9	6	35	13	0	12	6	*										
Cholelithiasis and other disorders of gallbladder	40†	*	*	0	*	0	0	15	*	*	10	*	*	*	*	0										
Nephritis, nephrotic syndrome and nephrosis	330†	*	7	*	*	*	0	154	17	7	59	28	*	13	20	*										
Acute and rapidly progressive nephritic and nephrotic syndrome	0†	0	0	0	0	0	0	*	0	0	*	0	0	*	0	0										
Chronic glomerulonephritis	10†	0	0	0	0	0	0	*	0	0	0	*	0	0	0	0										
Renal failure	320†	*	7	*	*	*	0	149	17	7	57	27	*	12	20	*										
Others disorders of kidney	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Infections of kidney	10†	0	0	*	0	*	0	*	0	0	*	0	0	*	0	0										
Inflammatory diseases of female pelvic organs	10†	0	0	0	0	0	0	*	0	0	*	0	0	*	0	0										
Pregnancy, childbirth and the puerperium	40†	*	0	*	0	0	0	26	*	*	*	*	*	*	0	0										
Pregnancy with abortive outcome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										

**TABLE 5E-12 (continued)**  
**DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2019**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA	FEMALE DEATHS														Unknown								
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai		Yuma							
Other complications of pregnancy, childbirth and the puerperium	40†	*	0	*	0	0	0	0	0	0	0	0	0	0	*	0	*	0	0	0	0			
Perinatal conditions	70†	*	*	*	0	0	0	0	0	0	0	0	0	0	*	38	*	*	*	*	6	*		
Congenital anomalies, deformations and chromosomal abnormalities	100†	0	0	*	0	0	0	0	0	0	0	0	0	0	*	58	*	23	7	0	*	0	0	
Symptoms, signs, abnormal findings	540†	11	8	8	*	0	0	0	0	0	0	0	0	0	412	9	6	35	15	*	24	0	*	
Total accidents	1,483	24	21	33	16	8	0	6	849	61	38	236	68	9	81	26	7	0	0	0	0	0	0	0
Transport accidents	290†	12	8	*	*	*	*	*	139	13	15	43	23	*	16	*	*	*	*	*	*	*	*	*
Motor vehicle accidents	280†	12	8	*	*	*	*	*	133	12	14	42	22	*	14	*	*	*	*	*	*	*	*	*
Other land transport accidents	10†	0	0	0	*	0	0	0	*	*	*	*	0	0	*	0	0	*	*	*	*	0	0	0
Water, air, space	10†	0	0	0	0	0	0	0	*	0	0	0	*	0	0	0	0	*	*	*	*	0	0	0
Nontransport accidents	1,190†	12	13	28	12	*	0	*	710	48	23	193	45	6	65	23	*	*	*	*	*	*	*	*
Falls	550†	*	*	10	6	*	0	0	322	26	6	90	24	*	37	10	*	*	*	*	*	*	*	*
Accidental discharge of firearms	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	30†	0	0	*	*	*	0	0	18	*	0	*	0	0	0	0	0	0	0	0	0	0	0	0
Accidental exposure to smoke, fire and flames	20†	0	*	0	*	0	0	0	10	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0
Accidental poisoning	480†	*	*	15	*	*	*	*	299	12	12	74	15	*	23	9	*	*	*	*	*	*	*	*
Other and unspecified nontransport accidents	120†	*	*	*	0	0	0	0	61	7	*	20	6	0	*	*	*	*	*	*	*	*	*	*
Intentional self-harm (suicide)	310†	*	6	12	*	*	0	0	169	12	*	58	13	0	27	6	0	0	0	0	0	0	0	0
By discharge of firearms	120†	*	*	*	0	*	0	0	66	*	*	25	*	0	11	*	0	0	0	0	0	0	0	0
By other means	190†	*	*	9	*	*	0	0	103	9	*	33	9	0	16	*	0	0	0	0	0	0	0	0
Assault (homicide)	90†	*	*	*	0	*	0	0	45	*	*	17	9	*	*	0	0	0	0	0	0	0	0	0
By discharge of firearms	60†	0	*	*	0	*	0	0	27	*	*	11	*	*	*	*	*	*	*	*	*	*	*	*
By other means	40†	*	0	*	0	0	0	0	18	*	*	6	*	*	*	*	*	*	*	*	*	*	*	*
Legal intervention	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent	50†	0	*	*	*	0	0	0	28	*	0	8	*	0	0	0	0	0	0	0	0	0	0	0
Discharge of firearms	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent	50†	0	*	*	*	0	0	0	28	*	0	7	*	0	0	0	0	0	0	0	0	0	0	0
Operations of war	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	60†	*	*	*	*	*	0	0	24	6	*	10	6	*	*	*	*	*	*	*	*	*	*	*
Injury by firearms	180†	*	*	*	0	*	0	0	93	6	*	38	10	*	12	*	0	0	0	0	0	0	0	0
Drug-induced deaths	610†	*	8	14	6	*	0	0	370	20	11	90	27	*	37	12	*	*	*	*	*	*	*	*
Opioid-induced deaths	370†	*	*	*	0	*	0	0	255	11	*	48	13	*	22	*	*	*	*	*	*	*	*	*
Alcohol-induced deaths	400†	14	11	20	10	*	0	0	200	32	27	45	18	0	15	*	*	*	*	*	*	*	*	*

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.

**TABLE 5E-13  
RATES<sup>a</sup> FOR SELECTED LEADING CAUSES OF DEATH STATEWIDE AND BY COUNTY OF RESIDENCE, ARIZONA, 2019**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>Total, all causes</b>	836.8	1022.2	1073.3	563.6	1481.2	745.9	636.1	1390.1	747.2	1542.5	1060.0	955.0	732.4	630.2	1321.5	710.6
<b>Cardiovascular disease</b>	235.6	196.4	301.2	120.9	453.2	189.7	202.4	538.8	212.3	440.6	249.9	266.6	210.5	159.9	367.9	229.6
<b>Diseases of heart</b>	174.7	132.3	228.6	88.9	357.1	145.5	134.9	457.3	156.0	345.6	179.0	198.2	156.6	103.5	277.6	169.6
Coronary heart disease	125.6	89.1	164.4	59.1	293.7	101.4	125.3	375.8	111.0	260.4	116.1	143.6	112.3	69.6	204.0	121.3
<b>Malignant neoplasms</b>	173.7	143.4	237.8	112.0	262.9	148.1	115.7	285.3	153.0	365.0	176.4	199.3	161.0	143.0	306.4	144.4
Lung cancer	34.9	15.3	51.2	10.9	58.0	23.4	38.6	77.0	29.9	88.5	30.1	38.7	34.5	15.0	75.3	31.3
Colorectal cancer	15.5	15.3	19.9	12.9	25.4	10.4	19.3	22.6	14.4	39.6	15.1	14.5	13.6	18.8	24.5	8.3
Breast cancer	12.7	8.4	14.5	8.8	14.5	13.0	0.0	9.1	11.9	24.4	13.3	13.9	10.8	7.5	19.8	10.0
Prostate cancer	10.2	5.6	16.1	8.1	18.1	5.2	9.6	18.1	8.7	24.9	12.4	11.0	7.5	5.6	24.1	9.6
Malignant melanoma of skin	2.9	0.0	4.6	0.0	1.8	2.6	0.0	4.5	2.7	6.5	1.8	3.0	2.6	0.0	6.9	1.3
Cervical cancer	1.2	0.0	0.8	0.7	0.0	2.6	0.0	0.0	1.2	2.8	0.9	1.1	0.9	0.0	0.9	1.3
<b>Accident (unintentional injury)</b>	62.9	123.9	49.7	67.2	92.5	59.8	57.8	81.5	59.0	81.6	103.7	68.2	48.5	45.1	83.9	46.5
Accidental poisoning	25.0	27.9	19.1	23.8	21.8	26.0	0.0	9.1	26.2	13.8	33.7	27.3	15.4	13.2	28.4	17.4
Falls	15.4	15.3	8.4	12.9	21.8	7.8	9.6	9.1	14.9	23.0	16.8	17.5	12.1	9.4	28.4	8.3
Motor vehicle accident	13.5	46.0	13.8	15.6	27.2	15.6	19.3	31.7	11.0	21.7	30.1	15.0	14.7	15.0	15.1	10.0
Accidental drowning	1.4	5.6	1.5	1.4	5.4	5.2	9.6	13.6	1.4	1.4	0.9	0.8	0.7	1.9	1.3	1.3
<b>Chronic lower respiratory diseases</b>	51.2	44.6	91.7	25.8	94.3	54.6	57.8	104.1	41.9	148.9	66.5	55.6	49.0	18.8	103.3	39.6
Alzheimer's disease	42.4	18.1	26.0	18.3	70.7	39.0	28.9	49.8	42.0	63.6	32.8	47.1	26.8	33.9	69.3	40.4
<b>Cerebrovascular disease</b>	39.6	44.6	43.6	21.7	59.8	31.2	38.6	54.3	35.8	69.1	49.6	47.1	32.7	45.1	64.5	32.2
Diabetes	30.2	73.8	42.0	17.0	41.7	41.6	19.3	22.6	27.3	50.2	60.3	32.7	31.4	16.9	28.8	23.9
<b>Intentional self-harm (suicide)</b>	19.6	19.5	27.5	29.2	39.9	7.8	19.3	36.2	16.7	31.8	26.6	23.6	16.0	7.5	42.2	13.5
<b>Chronic liver disease and cirrhosis</b>	16.8	51.5	22.2	21.7	52.6	20.8	9.6	54.3	13.3	36.9	46.1	17.2	14.7	5.6	24.1	16.5
<b>Essential (primary) hypertension</b>	14.0	15.3	16.8	8.1	12.7	10.4	9.6	4.5	14.1	16.6	14.2	13.0	12.7	7.5	17.6	19.6
<b>Influenza and pneumonia</b>	13.2	18.1	16.8	9.5	23.6	18.2	0.0	18.1	11.5	24.4	21.3	15.6	9.9	9.4	15.9	15.7
<b>Parkinson's disease</b>	11.2	15.3	13.0	8.8	18.1	7.8	9.6	4.5	10.4	15.2	8.9	14.0	9.7	7.5	17.6	7.8
<b>Nephritis</b>	10.6	15.3	17.6	8.1	25.4	13.0	0.0	9.1	8.1	24.9	19.5	12.0	11.9	15.0	11.6	20.4
<b>Assault (homicide)</b>	4.7	12.5	9.9	4.8	14.5	7.8	0.0	9.1	3.5	6.0	8.9	5.4	5.1	9.4	9.0	5.7
<b>Septicemia</b>	5.7	12.5	1.5	4.8	7.3	5.2	0.0	4.5	5.7	2.8	12.4	6.5	5.5	3.8	3.9	2.6
<b>HIV disease</b>	0.9	4.2	0.8	1.4	1.8	0.0	0.0	0.0	1.0	1.4	0.9	1.2	0.0	0.0	0.0	0.4
<b>Injury by firearms</b>	15.8	9.7	21.4	14.9	29.0	7.8	9.6	27.2	13.9	21.2	15.1	19.5	14.5	5.6	32.3	12.2
<b>Drug-induced deaths</b>	27.9	11.1	22.9	16.3	32.6	26.0	9.6	9.1	29.0	21.7	27.5	30.8	19.8	13.2	39.2	19.1
<b>Opioid-induced deaths</b>	17.9	4.2	12.2	7.5	7.3	5.2	9.6	4.5	20.4	13.8	9.7	19.1	11.2	9.4	21.9	1.7
<b>Alcohol-induced deaths</b>	17.7	72.4	19.9	31.9	52.6	18.2	9.6	58.9	14.8	39.6	71.8	15.1	11.9	3.8	21.5	8.3

Notes: <sup>a</sup> These are crude mortality rates (the number of deaths per 100,000 population).



**TABLE 5E-14  
PERCENT OF TOTAL DEATHS FOR SELECTED LEADING CAUSES OF DEATH STATEWIDE AND BY COUNTY OF RESIDENCE,  
ARIZONA, 2019**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>Total, all causes</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>Cardiovascular disease</b>	28.1	19.2	28.1	21.4	30.6	25.4	31.8	38.8	28.4	28.6	23.6	27.9	28.7	25.4	27.8	32.3
<b>Diseases of heart</b>	20.9	12.9	21.3	15.8	24.1	19.5	21.2	32.9	20.9	22.4	16.9	20.8	21.4	16.4	21.0	23.9
Coronary heart disease	15.0	8.7	15.3	10.5	19.8	13.6	19.7	27.0	14.9	16.9	11.0	15.0	15.3	11.0	15.4	17.1
<b>Malignant neoplasms</b>	20.8	14.0	22.2	19.9	17.7	19.9	18.2	20.5	20.5	23.7	16.6	20.9	22.0	22.7	23.2	20.3
Lung cancer	4.2	1.5	4.8	1.9	3.9	3.1	6.1	5.5	4.0	5.7	2.8	4.0	4.7	2.4	5.7	4.4
Colorectal cancer	1.9	1.5	1.9	2.3	1.7	1.4	3.0	1.6	1.9	2.6	1.4	1.5	1.9	3.0	1.9	1.2
Breast cancer	1.5	0.8	1.4	1.6	1.0	1.7	0.0	0.7	1.6	1.6	1.3	1.5	1.5	1.2	1.5	1.4
Prostate cancer	1.2	0.5	1.5	1.4	1.2	0.7	1.5	1.3	1.2	1.6	1.2	1.2	1.0	0.9	1.8	1.3
Malignant melanoma of skin	0.3	0.0	0.4	0.0	0.1	0.3	0.0	0.3	0.4	0.4	0.2	0.3	0.4	0.0	0.5	0.2
Cervical cancer	0.1	0.0	0.1	0.1	0.0	0.3	0.0	0.0	0.2	0.2	0.1	0.1	0.1	0.0	0.1	0.2
<b>Accident (unintentional injury)</b>	7.5	12.1	4.6	11.9	6.2	8.0	9.1	5.9	7.9	5.3	9.8	7.1	6.6	7.2	6.3	6.5
Accidental poisoning	3.0	2.7	1.8	4.2	1.5	3.5	0.0	0.7	3.5	0.9	3.2	2.9	2.1	2.1	2.1	2.4
Falls	1.8	1.5	0.8	2.3	1.5	1.0	1.5	0.7	2.0	1.5	1.6	1.8	1.6	1.5	2.1	1.2
Motor vehicle accident	1.6	4.5	1.3	2.8	1.8	2.1	3.0	2.3	1.5	1.4	2.8	1.6	2.0	2.4	1.1	1.4
Accidental drowning	0.2	0.5	0.1	0.2	0.4	0.7	1.5	1.0	0.2	0.1	0.1	0.1	0.1	0.3	0.1	0.2
<b>Chronic lower respiratory diseases</b>	6.1	4.4	8.5	4.6	6.4	7.3	9.1	7.5	5.6	9.7	6.3	5.8	6.7	3.0	7.8	5.6
Alzheimer's disease	5.1	1.8	2.4	3.3	4.8	5.2	4.5	3.6	5.6	4.1	3.1	4.9	3.7	5.4	5.2	5.7
Cerebrovascular disease	4.7	4.4	4.1	3.9	4.0	4.2	6.1	3.9	4.8	4.5	4.7	4.9	4.5	7.2	4.9	4.5
Diabetes	3.6	7.2	3.9	3.0	2.8	5.6	3.0	1.6	3.7	3.3	5.7	3.4	4.3	2.7	2.2	3.4
<b>Intentional self-harm (suicide)</b>	2.3	1.9	2.6	5.2	2.7	1.0	3.0	2.6	2.2	2.1	2.5	2.5	2.2	1.2	3.2	1.9
<b>Chronic liver disease and cirrhosis</b>	2.0	5.0	2.1	3.9	3.5	2.8	1.5	3.9	1.8	2.4	4.3	1.8	2.0	0.9	1.8	2.3
<b>Essential (primary) hypertension</b>	1.7	1.5	1.6	1.4	0.9	1.4	1.5	0.3	1.9	1.1	1.3	1.4	1.7	1.2	1.3	2.8
<b>Influenza and pneumonia</b>	1.6	1.8	1.6	1.7	1.6	2.4	0.0	1.3	1.5	1.6	2.0	1.6	1.3	1.5	1.2	2.2
<b>Parkinson's disease</b>	1.3	1.5	1.2	1.6	1.2	1.0	1.5	0.3	1.4	1.0	0.8	1.5	1.3	1.2	1.3	1.1
<b>Nephritis</b>	1.3	1.5	1.6	1.4	1.7	1.7	0.0	0.7	1.1	1.6	1.8	1.3	1.6	2.4	0.9	2.9
<b>Assault (homicide)</b>	0.7	1.2	0.1	0.8	0.5	0.7	0.0	0.3	0.8	0.2	1.2	0.7	0.7	0.6	0.3	0.4
<b>Septicemia</b>	0.6	1.2	0.9	0.8	1.0	1.0	0.0	0.7	0.5	0.4	0.8	0.6	0.7	1.5	0.7	0.8
<b>HIV disease</b>	0.1	0.4	0.1	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1
<b>Injury by firearms</b>	1.9	1.0	2.0	2.7	2.0	1.0	1.5	2.0	1.9	1.4	1.4	2.0	2.0	0.9	2.4	1.7
<b>Drug-induced deaths</b>	3.3	1.1	2.1	2.9	2.2	3.5	1.5	0.7	3.9	1.4	2.6	3.2	2.7	2.1	3.0	2.7
<b>Opioid-induced deaths</b>	2.1	0.4	1.1	1.3	0.5	0.7	1.5	0.3	2.7	0.9	0.9	2.0	1.5	1.5	1.7	0.2
<b>Alcohol-induced deaths</b>	2.1	7.1	1.9	5.7	3.5	2.4	1.5	4.2	2.0	2.6	6.8	1.6	1.6	0.6	1.6	1.2

**TABLE 5E-15  
MORTALITY BY FIVE-YEAR AGE GROUPS AND COUNTY OF RESIDENCE, ARIZONA, 2019**

	Total <sup>a</sup>	Infant's age group:					1-2	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100+	Unknown
		<1 day	1-6 days	7-27 days	28-365 days	Total <1 year																						
<b>ARIZONA</b>	60,161	150†	60†	160†	430†	80†	50†	90†	300†	540†	730†	780†	930†	990†	1,370†	2,010†	3,210†	4,246	5,284	6,659	7,536	7,861	7,800†	6,040	2,740†	480†	0†	
<b>Apache</b>	734	0	*	*	0†	*	0	*	*	9	20	21	17	31	39	44	56	56	73	71	88	77	64	32	20	*	0	
<b>Cochise</b>	1,404	7	0	*	10†	*	*	*	*	7	13	7	14	18	24	39	69	102	139	188	201	189	188	132	52	*	0	
<b>Coconino</b>	830	*	*	*	10†	*	*	*	*	11	22	24	27	19	31	34	46	61	76	91	88	91	77	75	34	7	0	
<b>Gila</b>	817	0	0	0	0†	*	0	*	*	7	8	7	15	10	26	31	46	65	81	99	124	101	92	72	19	*	0	
<b>Graham</b>	287	*	0	0	0†	*	*	*	*	*	*	*	10	*	*	14	18	13	30	30	29	40	43	24	11	*	0	
<b>Greenlee</b>	66	0	0	0	0	0	0	0	0	0	*	0	0	0	*	*	6	6	6	10	11	12	*	6	*	0	0	
<b>La Paz</b>	307	*	0	0	0†	*	*	0	*	*	*	*	*	*	*	10	25	27	34	38	53	50	27	14	*	*	0	
<b>Maricopa</b>	32,637	88	32	38	92	250	26	63	182	314	418	426	532	589	782	1,121	1,702	2,200	2,686	3,402	3,893	4,241	4,340	3,468	1,658	294	0	
<b>Mohave</b>	3,347	*	*	0	10†	*	*	*	*	12	20	18	20	32	58	101	186	286	387	446	495	492	431	253	78	13	0	
<b>Navajo</b>	1,196	*	*	*	10†	*	*	*	*	11	24	28	40	30	37	46	80	104	104	122	150	134	142	85	29	*	0	
<b>Pima</b>	9,977	14	11	*	60†	10	9	11	50	97	119	128	139	138	191	306	535	693	867	1,074	1,199	1,275	1,384	1,087	511	92	*	
<b>Pinal</b>	3,334	8	6	9	29	6	*	*	24	33	34	53	56	62	82	123	187	275	329	467	483	443	329	227	77	10	0	
<b>Santa Cruz</b>	335	*	*	*	10†	*	*	*	*	0	6	*	*	*	12	10	14	19	27	38	42	38	57	36	14	*	0	
<b>Yavapai</b>	3,071	*	*	*	10†	*	0	*	6	21	20	31	25	27	35	65	136	205	277	381	438	416	401	380	161	30	0	
<b>Yuma</b>	1,634	11	*	*	20†	*	*	*	10	12	13	23	23	15	34	50	89	115	145	177	225	249	210	142	69	9	0	
<b>Unknown</b>	185	*	0	0	0†	0	0	0	*	6	*	*	6	9	*	13	19	19	23	25	17	13	7	7	*	*	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; \* Includes records with unknown age.

**TABLE 5E-16  
INFANT MORTALITY BY YEAR AND COUNTY OF RESIDENCE, ARIZONA, 2009-2019**

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA</b>	547	519	504	495	447	535	473	454	461	447	430
<b>Apache</b>	11	7	9	*	10	16	10	15	6	*	*
<b>Cochise</b>	10	15	9	9	13	8	12	6	8	*	10
<b>Coconino</b>	6	15	7	9	10	8	10	10	6	10	9
<b>Gila</b>	*	7	7	*	*	*	*	*	7	*	*
<b>Graham</b>	*	*	*	*	*	*	*	*	*	*	*
<b>Greenlee</b>	0	*	*	0	*	*	0	0	*	*	0
<b>La Paz</b>	*	*	*	*	*	*	*	*	*	*	*
<b>Maricopa</b>	329	312	310	323	285	342	291	291	300	274	250
<b>Mohave</b>	12	11	18	*	6	14	16	9	11	6	9
<b>Navajo</b>	9	9	14	14	7	11	13	*	15	19	10
<b>Pima</b>	81	74	57	59	58	65	48	53	43	61	61
<b>Pinal</b>	39	20	26	26	18	29	26	23	28	31	29
<b>Santa Cruz</b>	*	11	*	6	*	*	*	*	*	*	*
<b>Yavapai</b>	15	10	7	10	8	11	13	11	11	10	13
<b>Yuma</b>	20	20	27	18	18	18	23	14	9	15	20
<b>Unknown</b>	*	*	*	*	*	*	*	9	6	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.

**TABLE 5E-17  
INFANT MORTALITY RATES<sup>a</sup> BY COUNTY OF RESIDENCE, ARIZONA, 2009-2019**

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA</b>	5.9	6.0	5.9	5.8	5.3	6.2	5.6	5.4	5.6	5.6	5.4
<b>Apache</b>	8.9	6.4	8.4	**	10.5	15.7	10.5	14.7	6.3	**	**
<b>Cochise</b>	5.4	8.4	5.4	5.3	8.1	4.9	7.7	3.9	6.0	**	7.4
<b>Coconino</b>	3.2	8.5	4.0	5.3	6.2	4.7	6.3	6.2	4.0	6.7	6.6
<b>Gila</b>	**	10.4	11.3	**	**	**	**	**	12.9	**	**
<b>Graham</b>	**	**	**	**	**	**	**	**	**	**	**
<b>Greenlee</b>	0.0	**	**	0.0	**	**	0.0	0.0	**	**	0.0
<b>La Paz</b>	**	**	**	**	**	**	**	**	**	**	**
<b>Maricopa</b>	5.7	5.8	5.8	5.9	5.3	6.2	5.3	5.4	5.7	5.3	4.9
<b>Mohave</b>	5.4	5.4	9.2	**	3.4	7.6	8.7	5.0	6.3	3.4	5.2
<b>Navajo</b>	4.8	5.2	8.5	8.6	4.5	6.8	8.6	**	10.0	13.8	7.4
<b>Pima</b>	6.3	6.1	4.8	5.0	4.8	5.5	4.2	4.6	3.9	5.7	5.9
<b>Pinal</b>	7.3	4.0	5.6	5.6	3.9	6.5	5.8	5.1	6.4	6.9	6.4
<b>Santa Cruz</b>	**	15.9	**	8.9	**	**	**	**	**	**	**
<b>Yavapai</b>	7.3	5.5	3.8	5.6	4.4	5.7	6.9	5.9	6.1	5.7	7.2
<b>Yuma</b>	6.2	6.2	8.4	5.8	5.8	5.9	7.6	4.7	3.0	5.0	6.8

Notes: \*\* Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; <sup>a</sup> The number of infant deaths per 1,000 live births.

**TABLE 5E-18  
INFANT MORTALITY BY COUNTY OF RESIDENCE, CHILD'S RACE/ETHNICITY, AND GENDER, ARIZONA, 2019**

	Total			Race/ethnicity															
	Total <sup>a</sup>	Male	Female	White non-Hispanic			Hispanic or Latino			Black or African American			American Indian Alaska Native			Asian or Pacific Islander			
				T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	
<b>ARIZONA</b>	430	247	183	150†	80†	70†	170†	100†	70†	60†	30†	30†	30†	10†	20†	10†	20†	10†	0†
<b>Apache</b>	4	*	*	0	0	0	0	0	0	0	0	0	0	0†	*	*	0	0	0
<b>Cochise</b>	10	6	*	0†	*	*	10†	*	*	0	0	0	0	0	0	0	0	0	0
<b>Coconino</b>	9	6	*	0†	*	*	0†	0	0	0	0	0	0	0†	*	*	0	0	0
<b>Gila</b>	4	*	*	0†	*	*	0†	*	0	0	0	0	0	0†	*	0	0	0	0
<b>Graham</b>	2	*	0	0	0	0	0†	*	0	0	0	0	0	0	0	0	0	0	0
<b>Greenlee</b>	1	0	*	0	0	0	0	0	0	0	0	0	0	0†	0	*	0	0	0
<b>La Paz</b>	250	140	110	84	42	42	102	58	44	38	22	16	10†	*	*	20†	12	*	
<b>Maricopa</b>	9	*	6	10†	*	*	0†	*	*	0†	0	*	0	0	0	0	0	0	0
<b>Mohave</b>	10	6	*	0†	*	0	0†	0	*	0†	*	0	10†	*	*	0	0	0	0
<b>Navajo</b>	61	33	28	20	9	11	25	15	10	10†	*	*	0†	*	*	0†	*	0	0
<b>Pima</b>	29	18	11	20†	13	*	10†	*	*	10†	*	*	0†	*	*	0	0	0	0
<b>Pinal</b>	5	*	*	0	0	0	10†	*	*	0	0	0	0	0	0	0	0	0	0
<b>Santa Cruz</b>	13	9	*	10†	7	*	0†	*	*	0	0	0	0	0	0	0	0	0	0
<b>Yavapai</b>	20	13	7	0†	*	*	10†	10	*	0†	*	*	0	0	0	0	0	0	0
<b>Yuma</b>	3	*	*	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; <sup>a</sup> Includes records with unknown race/ethnicity.

**TABLE 5E-19  
LEADING CAUSES OF INFANT DEATH BY COUNTY OF RESIDENCE, ARIZONA, 2019**

	County of residence															
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
<b>Total</b>	180†	7	*	0	*	0	*	104	*	*	19	13	*	*	13	*
Certain conditions originating in the perinatal period	50†	*	0	0	*	0	0	38	*	*	*	*	*	*	*	0
Short gestation and low birth weight	20†	*	0	0	0	0	0	13	0	0	*	*	0	0	*	*
Maternal complications	10†	0	0	0	0	0	0	9	0	0	0	*	*	0	0	0
Bacterial sepsis of newborn	10†	0	0	0	0	0	0	6	0	0	*	0	*	0	*	0
Other respiratory condition	10†	0	0	0	0	0	0	6	0	0	*	*	0	0	*	0
Complications of placenta, cord and membrane	10†	0	0	0	0	0	0	6	0	0	*	*	0	0	*	0
Intrauterine hypoxia or birth asphyxia	10†	0	0	0	0	0	0	*	0	0	0	*	0	0	0	0
Respiratory distress syndrome	10†	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0
Atelectasis	0†	0	0	0	0	0	0	*	0	0	0	0	0	0	*	0
Congenital malformations	100†	0	0	*	0	0	0	63	*	*	15	8	0	6	*	0
of heart	30†	0	0	*	0	0	0	17	0	*	*	*	0	*	*	0
of respiratory system	10†	0	0	0	0	0	0	10	0	0	0	*	0	*	*	0
of brain, spinal cord or nervous system	10†	0	0	*	0	0	0	6	*	*	*	*	0	0	0	0
Other ill-defined and unspecified causes of mortality	40†	0	0	*	0	0	0	23	*	*	9	*	0	*	0	0
Accidents (unintentional injury)	20†	*	*	0	0	0	0	10	0	0	*	*	0	0	*	0
Mechanical suffocation	20†	*	*	0	0	0	0	7	0	0	*	*	0	0	*	0
Motor vehicle accidents	0†	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Sudden infant death syndrome	20†	0	0	*	0	0	0	9	*	*	*	*	0	0	0	*
Events of undetermined intent	10†	0	0	0	0	0	0	9	0	0	*	0	0	0	0	0
Certain infectious and parasitic diseases	10†	0	0	0	0	0	0	8	0	0	0	*	0	0	*	0
Assault (homicide)	10†	0	0	0	*	0	0	*	0	0	*	*	0	0	0	0
Diseases of the circulatory system	10†	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
Diseases of the digestive system	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	*
<b>Total, all causes<sup>a</sup></b>	430	10	9	*	*	0	*	250	9	10	61	29	*	13	20	*

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> Includes causes of death not shown above.

**TABLE 5E-20  
POSTNEONATAL MORTALITY BY COUNTY OF RESIDENCE, ARIZONA, 2009-2019**

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA<sup>a</sup></b>	186	189	173	163	158	181	179	153	174	136	164
<b>Apache</b>	6	*	*	*	6	*	*	9	*	*	*
<b>Cochise</b>	*	*	*	*	*	*	*	*	*	*	*
<b>Coconino</b>	*	*	*	0	*	*	*	*	*	*	*
<b>Gila</b>	*	*	*	*	*	*	*	0	*	*	*
<b>Graham</b>	0	0	0	*	*	*	0	0	*	0	*
<b>Greenlee</b>	0	*	0	0	*	*	0	0	*	*	0
<b>La Paz</b>	*	*	*	*	0	0	*	*	*	0	0
<b>Maricopa</b>	108	114	105	107	96	118	112	84	112	75	92
<b>Mohave</b>	*	*	*	*	*	*	9	*	*	*	*
<b>Navajo</b>	6	*	8	6	*	*	7	*	8	7	*
<b>Pima</b>	25	28	14	19	25	23	17	23	13	24	31
<b>Pinal</b>	15	8	8	8	8	10	11	14	9	9	9
<b>Santa Cruz</b>	0	*	*	*	0	0	0	*	*	0	*
<b>Yavapai</b>	*	*	*	*	*	*	*	*	7	*	*
<b>Yuma</b>	7	*	10	6	*	*	*	*	*	6	*

Notes: \* Cell suppressed due to non-zero count less than 6; <sup>a</sup> Includes unknown county of residence.

**TABLE 5E-21  
POSTNEONATAL MORTALITY RATES<sup>a</sup> BY COUNTY OF RESIDENCE, ARIZONA , 2009-2019**

County	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA</b>	2.0	2.2	2.0	1.9	1.9	2.1	2.1	1.8	2.1	1.7	2.1
<b>Apache</b>	4.8	**	**	**	6.3	**	**	8.8	**	**	**
<b>Cochise</b>	**	**	**	**	**	**	**	**	**	**	**
<b>Coconino</b>	**	**	**	0.0	**	**	**	**	**	**	**
<b>Gila</b>	**	**	**	**	**	**	**	0.0	**	**	**
<b>Graham</b>	0.0	0.0	0.0	**	**	**	0.0	0.0	**	0.0	**
<b>Greenlee</b>	0.0	**	0.0	0.0	**	**	0.0	0.0	**	**	0.0
<b>La Paz</b>	**	**	**	**	0.0	0.0	**	**	**	0.0	0.0
<b>Maricopa</b>	1.9	2.1	2.0	2.0	1.8	2.1	2.1	1.6	2.1	1.5	1.8
<b>Mohave</b>	**	**	**	**	**	**	4.9	**	**	**	**
<b>Navajo</b>	3.2	**	4.9	3.7	**	**	4.6	**	5.3	5.1	**
<b>Pima</b>	1.9	2.3	1.2	1.6	2.1	1.9	1.5	2.0	1.2	2.3	3.0
<b>Pinal</b>	2.8	1.6	1.7	1.7	1.8	2.2	2.5	3.1	2.1	2.0	2.0
<b>Santa Cruz</b>	0.0	**	**	**	0.0	0.0	0.0	**	**	0.0	**
<b>Yavapai</b>	**	**	**	**	**	**	**	**	3.9	**	**
<b>Yuma</b>	2.2	**	3.1	1.9	**	**	**	**	**	2.0	**

Notes: \*\* Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; <sup>a</sup> Post-neonatal deaths per 1,000 live births.



**TABLE 5E-22  
NEONATAL MORTALITY BY COUNTY OF RESIDENCE, ARIZONA, 2009-2019**

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA<sup>a</sup></b>	361	330	331	332	289	354	294	301	287	311	266
<b>Apache</b>	*	*	*	*	*	12	6	6	*	*	*
<b>Cochise</b>	6	14	*	7	11	6	10	*	*	*	7
<b>Coconino</b>	*	10	*	9	7	*	*	8	*	6	*
<b>Gila</b>	*	*	*	*	*	*	*	*	*	*	0
<b>Graham</b>	*	*	*	*	*	*	*	*	*	*	*
<b>Greenlee</b>	0	0	*	0	0	*	0	0	*	*	0
<b>La Paz</b>	*	*	0	*	*	*	0	0	*	*	*
<b>Maricopa</b>	221	198	205	216	189	224	179	207	188	199	158
<b>Mohave</b>	9	7	13	*	*	10	7	*	8	*	*
<b>Navajo</b>	*	*	6	8	*	7	6	*	7	12	7
<b>Pima</b>	56	46	43	40	33	42	31	30	30	37	30
<b>Pinal</b>	24	12	18	18	10	19	15	9	19	22	20
<b>Santa Cruz</b>	*	7	*	*	*	*	*	*	*	*	*
<b>Yavapai</b>	11	*	*	7	*	9	9	7	*	6	9
<b>Yuma</b>	13	17	17	12	14	14	18	11	*	9	16

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 Includes unknown county of residence.

**TABLE 5E-23  
NEONATAL MORTALITY RATE<sup>a</sup> BY COUNTY OF RESIDENCE, ARIZONA, 2009-2019**

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA</b>	3.9	3.8	3.9	3.9	3.4	4.1	3.5	3.6	3.5	3.9	3.4
<b>Apache</b>	**	**	**	**	**	11.8	6.3	5.9	**	**	**
<b>Cochise</b>	3.3	7.9	**	4.1	6.8	3.7	6.4	**	**	**	5.2
<b>Coconino</b>	**	5.6	**	5.3	4.3	**	**	5.0	**	4.0	**
<b>Gila</b>	**	**	**	**	**	**	**	**	**	**	0.0
<b>Graham</b>	**	**	**	**	**	**	**	**	**	**	**
<b>Greenlee</b>	0.0	0.0	**	0.0	0.0	**	0.0	0.0	**	**	0.0
<b>La Paz</b>	**	**	0.0	**	**	**	0.0	0.0	**	**	**
<b>Maricopa</b>	3.8	3.7	3.8	4.0	3.5	4.1	3.3	3.8	3.6	3.8	3.1
<b>Mohave</b>	4.1	3.5	6.6	**	**	5.5	3.8	**	4.6	**	**
<b>Navajo</b>	**	**	3.7	4.9	**	4.4	4.0	**	4.6	8.7	5.2
<b>Pima</b>	4.4	3.8	3.6	3.4	2.8	3.5	2.7	2.6	2.7	3.5	2.9
<b>Pinal</b>	4.5	2.4	3.9	3.9	2.2	4.2	3.4	2.0	4.3	4.9	4.4
<b>Santa Cruz</b>	**	10.1	**	**	**	**	**	**	**	**	**
<b>Yavapai</b>	5.3	**	**	3.9	**	4.6	4.8	3.7	**	3.4	5.0
<b>Yuma</b>	4.0	5.3	5.3	3.8	4.5	4.6	6.0	3.7	**	3.0	5.4

Notes: \*\* Cell suppressed due to rate/ratio/percent based on non-zero count less than 6;<sup>a</sup> Number of neonatal deaths per 1,000 live births.

**TABLE 5E-24  
LEADING CAUSES OF DEATH AMONG CHILDREN (1-14 YEARS) BY COUNTY OF RESIDENCE, ARIZONA, 2019**

	County of residence														
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>ARIZONA</b>	59	32	9	33	12	19	11	8	16	15	4	3	1	224	
Accidents (unintentional injury)	*	0	*	*	0	0	0	0	0	0	0	0	0	0	0
Motor vehicle accidents	*	0	0	*	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasms	*	*	0	0	*	0	0	0	0	0	0	0	0	0	*
Leukemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
Assault (homicide)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
By other means	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
By discharge of firearms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intentional self-harm (suicide)	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asthma	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	*
<b>Total, all causes<sup>a</sup></b>	*	6	*	*	*	0	*	139	6	10	30	11	*	*	*

Notes: \* Cell suppressed due to non-zero count less than 6; <sup>a</sup> May include other causes of death not shown above.

**TABLE 5E-25  
RATES<sup>a</sup> FOR THE LEADING CAUSES OF DEATH AMONG CHILDREN (1-14 YEARS) BY COUNTY OF RESIDENCE,  
ARIZONA, 2019**

Underlying cause of death	County of residence															
	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Accidents (unintentional injury)	4.6	**	0.0	**	**	0.0	0.0	**	4.3	**	**	3.5	**	**	**	0.0
Motor vehicle accidents	2.5	**	0.0	0.0	**	0.0	0.0	0.0	2.3	**	**	**	**	**	**	0.0
Accidental drowning and submersion	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	**	0.0	0.0	**	0.0	0.0	0.0
Malignant neoplasms	2.6	**	**	0.0	0.0	**	0.0	0.0	2.6	**	0.0	**	**	0.0	**	**
Leukemia	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	**
Assault (homicide)	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	**	**	0.0	**	0.0
By other means	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	**	**	0.0	**	0.0
By discharge of firearms	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	**	0.0	0.0	0.0	0.0
Congenital malformations	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	**	**	**	**	0.0	0.0
Intentional self-harm (suicide)	1.2	0.0	**	0.0	0.0	0.0	0.0	0.0	1.1	**	**	**	0.0	0.0	0.0	0.0
Chronic lower respiratory disease	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	**	0.0	**	0.0	0.0	0.0	0.0
Asthma	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	**	0.0	0.0	0.0	0.0	0.0	0.0
Influenza and pneumonia	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**
<b>Total, all causes<sup>a</sup></b>	<b>17.5</b>	<b>**</b>	<b>27.2</b>	<b>**</b>	<b>**</b>	<b>**</b>	<b>0.0</b>	<b>**</b>	<b>17.1</b>	<b>20.9</b>	<b>42.2</b>	<b>17.7</b>	<b>13.6</b>	<b>**</b>	<b>**</b>	<b>**</b>

Notes: \*\* Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; <sup>a</sup> All rates are per 100,000 children 1-14 years old.

**TABLE 5E-26  
LEADING CAUSES OF DEATH AMONG ADOLESCENTS (15-19 YEARS) BY COUNTY OF RESIDENCE, ARIZONA, 2019**

	County of residence																
	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
<b>Accidents (unintentional injury)</b>	144	*	*	0	*	*	0	*	86	*	*	15	16	0	*	9	*
<b>Accidental poisoning</b>	67	0	0	0	0	0	0	0	48	0	*	7	*	0	*	7	0
<b>Motor vehicle accidents</b>	64	*	*	0	*	*	0	*	32	*	*	6	12	0	*	*	0
<b>Accidental drowning and submersion</b>	5	0	0	0	0	0	0	*	*	0	0	0	0	0	0	0	*
<b>Intentional self-harm (suicide)</b>	51	0	0	*	*	0	0	0	22	0	*	15	*	*	*	*	0
<b>By other means</b>	31	0	0	*	0	0	0	0	13	0	*	6	*	*	*	*	0
<b>By discharge of firearms</b>	20	0	0	0	*	0	0	0	9	0	0	9	*	0	0	0	0
<b>Assault (homicide)</b>	43	*	0	0	0	0	0	0	32	0	0	7	*	0	0	0	0
<b>By discharge of firearms</b>	39	*	0	0	0	0	0	0	29	0	0	7	*	0	0	0	0
<b>By other means</b>	4	0	0	0	0	0	0	0	*	0	0	0	*	0	0	0	0
<b>Malignant neoplasms</b>	19	0	0	0	0	*	0	0	11	0	0	7	0	0	0	0	0
<b>Leukemia</b>	8	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0
<b>Events of undetermined intent</b>	8	0	0	0	0	0	0	0	*	0	0	*	*	0	*	0	0
<b>Diseases of the heart</b>	2	0	0	0	0	0	0	0	0	0	0	*	*	0	0	0	0
<b>Total, all causes</b>	300	*	*	*	*	*	0	*	182	*	*	50	24	*	6	10	*

Note: \* Cell suppressed due to non-zero count less than 6.

**TABLE 5E-27  
RATES<sup>a</sup> FOR THE LEADING CAUSES OF DEATH AMONG ADOLESCENTS (15-19 YEARS) BY COUNTY OF RESIDENCE,  
ARIZONA, 2019**

Underlying cause of death	ARIZONA	County of residence														
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Accidents (unintentional injury)	30.3	**	**	0.0	**	**	0.0	**	29.4	**	**	21.7	58.4	0.0	**	56.0
Accidental poisoning	14.1	0.0	0.0	0.0	0.0	0.0	0.0	16.4	0.0	**	10.1	**	**	0.0	**	43.6
Motor vehicle accidents	13.5	**	**	0.0	**	**	0.0	10.9	**	**	8.7	43.8	0.0	**	**	**
Accidental drowning and submersion	1.1	0.0	0.0	0.0	0.0	0.0	0.0	**	**	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Intentional self-harm (suicide)	10.7	0.0	0.0	**	**	0.0	0.0	7.5	0.0	**	21.7	**	**	**	**	**
By other means	6.5	0.0	0.0	**	0.0	0.0	0.0	4.4	0.0	**	8.7	**	**	**	**	**
By discharge of firearms	4.2	0.0	0.0	0.0	**	0.0	0.0	3.1	0.0	0.0	13.0	**	**	0.0	0.0	0.0
Assault (homicide)	9.1	**	0.0	0.0	0.0	0.0	0.0	10.9	0.0	0.0	10.1	**	**	0.0	0.0	0.0
By discharge of firearms	8.2	**	0.0	0.0	0.0	0.0	0.0	9.9	0.0	0.0	10.1	**	**	0.0	0.0	0.0
By other means	0.8	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	0.0	**	**	0.0	0.0	0.0
Malignant neoplasms	4.0	0.0	0.0	0.0	0.0	**	0.0	3.8	0.0	0.0	10.1	0.0	0.0	0.0	0.0	0.0
Leukemia	1.7	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	**	0.0	0.0	0.0	0.0	0.0
Events of undetermined intent	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	**	**	0.0	0.0	0.0
Diseases of heart	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	**	**	**	0.0	**	0.0
Total, all causes	63.2	**	**	**	**	**	0.0	62.1	**	**	72.2	87.7	**	**	52.7	62.3

Notes: \*\* Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; <sup>a</sup> All rates are per 100,000 adolescents 15-19 years old.

**TABLE 5E-28  
LEADING CAUSES OF DEATH AMONG YOUNG ADULTS (20-44 YEARS) BY COUNTY OF RESIDENCE, ARIZONA, 2019**

	County of residence																
	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Accidents (unintentional injury)	1,513	34	21	36	11	8	*	*	908	31	45	224	86	9	47	31	19
Accidental poisoning	966	6	14	18	*	*	0	*	634	14	16	151	42	*	33	20	*
Motor vehicle accidents	395	18	6	11	6	*	0	*	201	15	16	58	32	*	8	8	11
Intentional self-harm (suicide)	545	10	13	22	8	0	0	*	287	21	17	108	31	0	14	13	0
By discharge of firearms	290	*	8	8	*	0	0	*	156	11	*	61	15	0	9	10	0
By other means	255	8	*	14	*	0	0	0	131	10	12	47	16	0	*	*	0
Malignant neoplasms	308	*	*	*	*	*	0	*	192	8	*	44	14	*	17	9	0
Malignant neoplasm of breast	41	*	0	0	*	0	0	0	26	*	*	*	*	0	*	*	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	40	0	0	0	0	0	0	0	23	*	0	9	*	0	*	0	0
Malignant neoplasm of meninges, brain and other parts of central nervous system	27	0	0	0	0	0	0	0	12	*	0	*	*	0	*	*	0
Diseases of heart	250	*	*	*	*	*	0	*	144	8	*	43	20	0	6	*	*
Assault (homicide)	228	*	*	*	*	*	0	0	146	*	7	32	17	*	*	6	*
By discharge of firearms	179	*	*	*	*	*	0	0	120	*	*	27	13	*	0	*	*
By other means	49	*	0	*	0	0	0	0	26	0	*	*	*	*	*	*	*
Chronic liver disease and cirrhosis	183	10	*	8	7	*	0	*	82	6	19	20	10	0	*	*	*
Diabetes	94	*	*	*	*	0	0	0	58	*	*	10	8	0	*	*	0
Cerebrovascular disease	48	*	*	*	0	0	0	0	24	*	*	7	*	0	*	*	0
Influenza and pneumonia	30	*	*	0	*	0	0	0	13	*	*	8	*	0	0	*	0
Obesity	29	*	0	*	0	0	0	0	17	*	0	*	*	*	*	0	0
Human immunodeficiency virus (HIV) disease	20	0	*	0	0	0	0	0	13	0	*	*	0	0	0	0	0
<b>Total, all causes</b>	<b>3,973</b>	<b>98</b>	<b>59</b>	<b>103</b>	<b>47</b>	<b>23</b>	<b>*</b>	<b>14</b>	<b>2,279</b>	<b>102</b>	<b>133</b>	<b>621</b>	<b>238</b>	<b>16</b>	<b>124</b>	<b>86</b>	<b>29</b>

Note: \* Cell suppressed due to non-zero count less than 6.

**TABLE 5E-29  
RATES\* FOR THE LEADING CAUSES OF DEATH AMONG YOUNG ADULTS (20-44 YEARS) BY COUNTY OF RESIDENCE,  
ARIZONA, 2019**

Underlying cause of death	ARIZONA	County of residence														
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Accidents (unintentional injury)	64.0	155.9	54.5	62.7	86.5	59.8	**	**	60.7	60.4	139.5	65.2	59.5	59.4	90.4	40.6
Accidental poisoning	40.9	27.5	36.3	31.4	**	**	0.0	**	42.4	27.3	49.6	43.9	29.0	**	63.4	26.2
Motor vehicle accidents	16.7	82.5	15.6	19.2	47.2	**	0.0	**	13.4	29.2	49.6	16.9	22.1	**	15.4	10.5
Intentional self-harm (suicide)	23.1	45.9	33.8	38.3	62.9	0.0	0.0	**	19.2	40.9	52.7	31.4	21.4	0.0	26.9	17.0
By discharge of firearms	12.3	**	20.8	13.9	**	0.0	0.0	**	10.4	21.4	**	17.8	10.4	0.0	17.3	13.1
By other means	10.8	36.7	**	24.4	**	0.0	0.0	0.0	8.8	19.5	37.2	13.7	11.1	0.0	**	**
Malignant neoplasms	13.0	**	**	**	**	**	0.0	**	12.8	15.6	**	12.8	9.7	**	32.7	11.8
Malignant neoplasm of breast	1.7	**	0.0	0.0	**	0.0	0.0	0.0	1.7	**	**	**	**	0.0	**	**
Malignant neoplasm of lymphoid, hematopoietic and related tissue	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	**	0.0	2.6	**	0.0	**	0.0
Malignant neoplasm of meninges, brain and other parts of central nervous system	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	**	0.0	**	**	0.0	**	**
Diseases of heart	10.6	**	**	**	**	**	0.0	**	9.6	15.6	**	12.5	13.8	0.0	11.5	**
Assault (homicide)	9.7	**	**	**	**	**	0.0	0.0	9.8	**	21.7	9.3	11.8	**	**	7.9
By discharge of firearms	7.6	**	**	**	**	**	0.0	0.0	8.0	**	**	7.9	9.0	**	0.0	**
By other means	2.1	**	0.0	**	0.0	0.0	0.0	0.0	1.7	0.0	**	**	**	**	**	**
Chronic liver disease and cirrhosis	7.7	45.9	**	13.9	55.0	**	0.0	**	5.5	11.7	58.9	5.8	6.9	0.0	**	**
Diabetes	4.0	**	**	**	**	0.0	0.0	0.0	3.9	**	**	2.9	5.5	0.0	**	**
Cerebrovascular diseases	2.0	**	**	**	0.0	0.0	0.0	0.0	1.6	**	**	2.0	**	0.0	**	**
Influenza and pneumonia	1.3	**	**	0.0	**	0.0	0.0	0.0	0.9	**	**	2.3	**	0.0	0.0	**
Obesity	1.2	**	0.0	**	0.0	0.0	0.0	0.0	1.1	**	0.0	**	**	**	**	0.0
Human immunodeficiency virus (HIV) disease	0.8	0.0	**	0.0	0.0	0.0	0.0	0.0	0.9	0.0	**	**	0.0	0.0	0.0	0.0
<b>Total, all causes</b>	<b>168.2</b>	<b>449.4</b>	<b>153.2</b>	<b>179.4</b>	<b>369.6</b>	<b>171.9</b>	<b>**</b>	<b>296.5</b>	<b>152.4</b>	<b>198.7</b>	<b>412.4</b>	<b>180.7</b>	<b>164.6</b>	<b>105.5</b>	<b>238.4</b>	<b>112.7</b>

Notes: \*\* Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; <sup>a</sup> All rates are per 100,000 young adults 20-44 years old.



**TABLE 5E-30  
LEADING CAUSES OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS) BY COUNTY OF RESIDENCE, ARIZONA, 2019**

	County of residence																
	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Malignant neoplasms	2,768	29	56	40	23	11	*	12	1,549	176	48	450	154	20	120	71	8
Malignant neoplasm of trachea, bronchus and lung	447	*	10	*	*	*	*	*	222	38	6	77	34	*	30	13	*
Malignant neoplasm of colon, rectum, and anus	303	*	*	8	*	0	0	*	193	16	*	40	13	*	10	*	*
Malignant neoplasm of breast	289	*	*	*	0	*	0	*	188	15	7	34	11	*	12	7	*
Malignant neoplasm of pancreas	236	*	*	8	*	0	0	0	133	9	6	38	17	*	6	7	0
Diseases of heart	1,892	17	38	19	36	6	*	16	1,002	131	34	306	140	8	73	56	8
Accidents (unintentional injury)	1,226	26	17	33	14	9	*	*	693	46	44	190	41	9	52	32	13
Accidental poisoning	672	9	9	15	8	*	0	*	418	13	19	109	22	*	24	11	7
Motor vehicle accidents	261	*	*	6	*	*	*	*	127	12	10	51	10	*	15	9	*
Falls	92	*	0	*	*	*	0	0	58	*	*	6	*	*	*	*	*
Diabetes	583	15	14	*	*	*	0	*	324	25	22	93	45	*	13	13	*
Chronic liver disease and cirrhosis	578	18	12	18	18	*	*	6	278	36	23	76	39	*	27	19	*
Intentional self-harm (suicide)	461	*	8	14	8	*	*	6	261	20	*	63	24	*	32	9	*
By discharge of firearms	240	*	*	*	*	*	*	*	132	9	*	36	15	*	19	*	0
By other means	221	*	*	9	*	*	*	*	129	11	*	27	9	*	13	*	*
Chronic lower respiratory disease	405	6	12	*	7	*	*	*	206	37	11	65	24	0	15	9	*
Cerebrovascular disease	317	*	10	7	*	*	*	*	173	16	*	45	24	*	13	8	*
Influenza and pneumonia	171	*	*	*	*	*	0	0	95	7	6	31	10	0	7	*	*
Essential (primary) hypertension and hypertensive renal disease	132	*	*	*	*	*	0	0	80	*	*	18	14	0	*	*	0
Nephritis, nephrotic syndrome and nephrosis	126	*	*	*	*	*	0	*	67	7	*	13	11	0	*	*	0
Septicemia	98	*	*	*	*	*	0	0	47	*	*	13	7	*	*	*	*
Assault (homicide)	79	*	*	*	*	0	0	*	40	*	*	19	0	0	*	0	*
By discharge of firearms	49	0	*	*	*	0	0	*	28	*	*	10	0	0	*	0	*
By other means	30	*	0	0	*	0	0	0	12	0	*	9	0	0	*	0	0
Viral hepatitis	63	*	*	*	0	*	0	*	34	*	*	11	*	0	*	*	0
Human immunodeficiency virus (HIV) disease	34	*	0	*	*	0	0	0	20	*	0	*	0	0	0	*	*
<b>Total, all causes</b>	<b>10,834</b>	<b>195</b>	<b>234</b>	<b>172</b>	<b>168</b>	<b>49</b>	<b>14</b>	<b>67</b>	<b>5,805</b>	<b>631</b>	<b>267</b>	<b>1,725</b>	<b>667</b>	<b>55</b>	<b>441</b>	<b>288</b>	<b>56</b>

Note: \* Cell suppressed due to non-zero count less than 6.

**TABLE 5E-31  
RATES<sup>a</sup> FOR THE LEADING CAUSES OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS) BY COUNTY OF RESIDENCE,  
ARIZONA, 2019**

Underlying cause of death	ARIZONA	County of residence														
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Malignant neoplasms	160.9	166.8	180.0	125.9	159.0	136.2	**	260.0	147.2	297.8	176.8	184.0	146.8	159.2	185.9	155.1
Malignant neoplasm of trachea, bronchus and lung	26.0	**	32.2	**	**	**	**	**	21.1	64.3	22.1	31.5	32.4	**	46.5	28.4
Malignant neoplasm of colon, rectum, and anus	17.6	**	**	25.2	**	0.0	0.0	**	18.3	27.1	**	16.4	12.4	**	15.5	**
Malignant neoplasm of breast	16.8	**	**	**	0.0	**	0.0	**	17.9	25.4	25.8	13.9	10.5	**	18.6	15.3
Malignant neoplasm of pancreas	13.7	**	**	25.2	**	0.0	0.0	0.0	12.6	15.2	22.1	15.5	16.2	**	9.3	15.3
Diseases of heart	110.0	97.8	122.2	59.8	248.9	74.3	**	346.7	95.2	221.7	125.2	125.1	133.4	63.7	113.1	122.3
Accidents (unintentional injury)	71.3	149.6	54.7	103.8	96.8	111.4	**	**	65.9	77.8	162.0	77.7	39.1	71.7	80.5	69.9
Accidental poisoning	39.1	51.8	28.9	47.2	55.3	**	0.0	**	39.7	22.0	70.0	44.6	21.0	**	37.2	24.0
Motor vehicle accidents	15.2	**	**	18.9	**	**	**	**	12.1	20.3	36.8	20.9	9.5	**	23.2	19.7
Falls	5.3	**	0.0	**	**	**	0.0	0.0	5.5	**	**	2.5	**	**	**	**
Diabetes	33.9	86.3	45.0	**	**	**	0.0	**	30.8	42.3	81.0	38.0	42.9	**	20.1	28.4
Chronic liver disease and cirrhosis	33.6	103.5	38.6	56.6	124.5	**	**	130.0	26.4	60.9	84.7	31.1	37.2	**	41.8	41.5
Intentional self-harm (suicide)	26.8	**	25.7	44.1	55.3	**	**	130.0	24.8	33.8	**	25.8	22.9	**	49.6	19.7
By discharge of firearms	13.9	**	**	**	**	**	**	**	12.5	15.2	**	14.7	14.3	**	29.4	**
By other means	12.8	**	**	28.3	**	**	**	**	12.3	18.6	**	11.0	8.6	**	20.1	**
Chronic lower respiratory disease	23.5	34.5	38.6	**	48.4	**	**	**	19.6	62.6	40.5	26.6	22.9	0.0	23.2	19.7
Cerebrovascular disease	18.4	**	32.2	22.0	**	**	**	**	16.4	27.1	**	18.4	22.9	**	20.1	17.5
Influenza and pneumonia	9.9	**	**	**	**	**	0.0	0.0	9.0	11.8	22.1	12.7	9.5	0.0	10.8	**
Essential (primary) hypertension and hypertensive renal disease	7.7	**	**	**	**	**	0.0	0.0	7.6	**	**	7.4	13.3	0.0	**	**
Nephritis, nephrotic syndrome and nephrosis	7.3	**	**	**	**	**	0.0	**	6.4	11.8	**	5.3	10.5	0.0	**	**
Septicemia	5.7	**	**	**	**	**	0.0	0.0	4.5	**	**	5.3	6.7	**	**	**
Assault (homicide)	4.6	**	**	**	**	0.0	0.0	**	3.8	**	**	7.8	0.0	0.0	**	0.0
By discharge of firearms	2.8	0.0	**	**	**	**	0.0	**	2.7	**	**	4.1	0.0	0.0	**	0.0
By other means	1.7	**	0.0	0.0	**	**	0.0	0.0	1.1	0.0	**	3.7	0.0	0.0	**	0.0
Viral hepatitis	3.7	**	**	**	0.0	**	0.0	**	3.2	**	**	4.5	**	0.0	**	**
Human immunodeficiency virus (HIV) disease	2.0	**	0.0	**	**	0.0	0.0	0.0	1.9	**	0.0	**	0.0	0.0	0.0	**
<b>Total, all causes</b>	<b>629.7</b>	<b>1121.7</b>	<b>752.3</b>	<b>541.2</b>	<b>1161.6</b>	<b>606.5</b>	<b>600.9</b>	<b>1451.8</b>	<b>551.8</b>	<b>1067.8</b>	<b>983.3</b>	<b>705.3</b>	<b>635.7</b>	<b>437.9</b>	<b>683.1</b>	<b>629.1</b>

Notes: \*\* Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; <sup>a</sup> All rates are per 100,000 middle-aged adults 45-64 years old.

**TABLE 5E-32  
LEADING CAUSES OF DEATH AMONG ELDERLY (65 YEARS AND OLDER) BY COUNTY OF RESIDENCE, ARIZONA, 2019**

	ARIZONA													County of residence												
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown										
Diseases of heart	10,406	75	257	107	157	47	12	83	5,664	611	163	1,719	552	47	565	331	16									
Malignant neoplasms	9,356	69	249	120	119	43	11	50	4,908	607	147	1,577	563	55	574	251	13									
Malignant neoplasm of trachea, bronchus and lung	2,053	9	57	12	28	8	*	15	1,081	154	28	325	122	7	143	58	*									
Malignant neoplasm of lymphoid, hematopoietic and related tissue	981	11	24	9	8	*	0	*	540	51	12	174	48	8	63	25	0									
Malignant neoplasm of colon, rectum, and anus	769	6	22	9	11	*	*	*	405	70	16	106	47	6	46	14	*									
Malignant neoplasm of pancreas	766	*	18	11	8	*	*	*	424	31	8	145	45	*	38	21	*									
Malignant neoplasm of prostate	656	*	18	12	8	*	*	*	338	46	13	106	32	*	50	21	0									
Malignant neoplasm of breast	581	*	15	10	7	*	0	*	307	37	7	106	35	*	32	15	*									
Chronic lower respiratory disease	3,237	26	108	37	44	19	*	19	1,604	282	64	509	197	10	225	82	7									
Alzheimer's disease	3,009	13	34	27	39	15	*	11	1,811	136	37	485	120	18	161	93	6									
Cerebrovascular disease	2,473	26	46	24	28	9	*	10	1,360	133	50	438	123	22	134	61	6									
Accidents (unintentional injury)	1,560	24	25	27	24	*	*	8	847	95	21	272	73	*	92	34	6									
Falls	992	8	11	14	11	*	*	*	582	47	12	173	49	*	62	16	0									
Motor vehicle accidents	217	7	7	6	*	*	0	*	99	17	*	39	12	*	9	*	*									
Diabetes	1,491	35	40	19	17	11	*	*	809	79	41	239	90	7	53	41	*									
Essential (primary) hypertension and hypertensive renal disease	853	9	21	10	6	*	*	*	518	30	12	115	43	*	39	41	0									
Parkinson's disease	785	11	17	11	10	*	*	*	444	32	10	144	41	*	40	16	*									
Influenza and pneumonia	741	10	19	11	10	6	0	*	394	44	16	124	34	*	30	30	*									
Nephritis, nephrotic syndrome and nephrosis	612	6	18	10	11	*	0	*	274	47	18	109	42	8	23	41	*									
Septicemia	219	*	11	*	*	*	0	*	93	8	*	42	13	*	18	8	*									
<b>Total, all causes</b>	<b>44,398</b>	<b>430</b>	<b>1,094</b>	<b>539</b>	<b>593</b>	<b>208</b>	<b>51</b>	<b>221</b>	<b>23,982</b>	<b>2,595</b>	<b>771</b>	<b>7,489</b>	<b>2,365</b>	<b>255</b>	<b>2,484</b>	<b>1,226</b>	<b>95</b>									

Note: \* Cell suppressed due to non-zero count less than 6.

**TABLE 5E-33  
RATES<sup>a</sup> FOR THE LEADING CAUSES OF DEATH AMONG ELDERLY (65 YEARS AND OLDER) BY COUNTY OF RESIDENCE,  
ARIZONA, 2019**

Underlying cause of death	ARIZONA	County of residence														
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Diseases of heart	823.1	682.8	879.3	581.3	989.2	875.9	879.1	956.8	854.6	928.9	797.4	833.0	595.0	488.3	769.7	766.6
Malignant neoplasms	740.1	628.2	851.9	651.9	749.8	801.3	805.9	576.4	740.5	922.8	719.1	764.2	606.9	571.4	782.0	581.4
Malignant neoplasm of trachea, bronchus and lung	162.4	81.9	195.0	65.2	176.4	149.1	**	172.9	163.1	234.1	137.0	157.5	131.5	72.7	194.8	134.3
Malignant neoplasm of lymphoid, hematopoietic and related tissue	77.6	100.1	82.1	48.9	50.4	**	0.0	**	81.5	77.5	58.7	84.3	51.7	83.1	85.8	57.9
Malignant neoplasm of colon, rectum, and anus	60.8	54.6	75.3	48.9	69.3	**	**	**	61.1	106.4	78.3	51.4	50.7	62.3	62.7	32.4
Malignant neoplasm of pancreas	60.6	**	61.6	59.8	50.4	**	**	**	64.0	47.1	39.1	70.3	48.5	**	51.8	48.6
Malignant neoplasm of prostate <sup>b</sup>	112.6	**	128.7	136.7	104.2	**	**	**	113.2	140.1	134.5	113.1	71.5	**	143.3	101.7
Malignant neoplasm of breast	46.0	**	51.3	54.3	44.1	**	0.0	**	46.3	56.2	34.2	51.4	37.7	**	43.6	34.7
Chronic lower respiratory disease	256.0	236.7	369.5	201.0	277.2	354.1	**	219.0	242.0	428.7	313.1	246.7	212.3	103.9	306.5	189.9
Alzheimer's disease	238.0	118.4	116.3	146.7	245.7	279.5	**	126.8	273.3	206.7	181.0	235.0	129.3	187.0	219.3	215.4
Cerebrovascular disease	195.6	236.7	157.4	130.4	176.4	167.7	**	115.3	205.2	202.2	244.6	212.2	132.6	228.6	182.6	141.3
Accidents (unintentional injury)	123.4	218.5	85.5	146.7	151.2	**	**	92.2	127.8	144.4	102.7	131.8	78.7	**	125.3	78.7
Falls	78.5	72.8	37.6	76.1	69.3	**	**	**	87.8	71.5	58.7	83.8	52.8	**	84.5	37.1
Motor vehicle accidents	17.2	63.7	23.9	32.6	**	**	0.0	**	14.9	25.8	**	18.9	12.9	**	12.3	**
Diabetes	117.9	318.6	136.9	103.2	107.1	205.0	**	**	122.1	120.1	200.6	115.8	97.0	72.7	72.2	95.0
Essential (primary) hypertension and hypertensive renal disease	67.5	81.9	71.8	54.3	37.8	**	**	**	78.2	45.6	58.7	55.7	46.3	**	53.1	95.0
Parkinson's disease	62.1	100.1	58.2	59.8	63.0	**	**	**	67.0	48.6	48.9	69.8	44.2	**	54.5	37.1
Influenza and pneumonia	58.6	91.0	65.0	59.8	63.0	111.8	0.0	**	59.4	66.9	78.3	60.1	36.6	**	40.9	69.5
Nephritis, nephrotic syndrome and nephrosis	48.4	54.6	61.6	54.3	69.3	**	0.0	**	41.3	71.5	88.1	52.8	45.3	83.1	31.3	95.0
Septicemia	17.3	**	37.6	**	**	**	0.0	**	14.0	12.2	**	20.4	14.0	**	24.5	18.5
<b>Total, all causes</b>	<b>3511.9</b>	<b>3914.8</b>	<b>3743.0</b>	<b>2928.1</b>	<b>3736.4</b>	<b>3876.3</b>	<b>3736.3</b>	<b>2547.6</b>	<b>3618.5</b>	<b>3945.0</b>	<b>3771.8</b>	<b>3629.1</b>	<b>2549.2</b>	<b>2649.4</b>	<b>3384.1</b>	<b>2839.6</b>

Notes: \*\* Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; <sup>a</sup> All rates are per 100,000 elderly 65 years and older; <sup>b</sup> The rates for prostate cancer are per 100,000 males.

**5F**

**REPORTABLE DISEASES**

**TABLE 5F-1  
NUMBER OF REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY CATEGORY FOR EACH COUNTY, ARIZONA, 2019**

Disease	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>Vaccine Preventable</b>																
Measles	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
Mumps	100†	*	*	0	0	*	0	0	21	0	0	*	73	*	0	0
Pertussis	380†	9	*	9	7	6	0	0	214	29	8	53	20	*	14	*
Pertussis confirmed cases	210†	*	*	6	*	*	0	0	134	10	6	28	10	0	*	*
Rubella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Congenital Rubella Syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus influenzae type b (invasive, age < 5 years)	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0
Tetanus	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0
Varicella (chickenpox)	310†	0	*	*	*	0	0	0	148	8	*	34	61	22	10	11
<b>Central Nervous System</b>																
Aseptic Meningitis	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Meningococcal Disease	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0
Viral Encephalitis	16	0	0	0	0	0	0	0	16	0	0	0	0	0	0	0
<b>Enteritides</b>																
Amebiasis	20†	0	0	0	0	0	0	0	12	0	0	*	*	*	0	*
Campylobacteriosis	1,620†	63	21	52	12	17	*	*	835	69	94	243	68	11	60	68
Cholera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cryptosporidiosis	140†	*	*	*	*	*	0	0	83	6	0	30	*	*	*	6
E. coli O157:H7	300†	*	*	9	*	0	0	0	152	*	*	91	15	9	8	*
Giardiasis	140†	*	0	*	*	0	0	0	98	*	*	12	16	0	*	*
Salmonellosis (except S. Typhi and S. Paratyphi)	950†	20	28	12	8	18	*	*	412	22	29	232	69	20	46	32
Salmonella Paratyphi A	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0
Salmonella Paratyphi B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salmonella Paratyphi C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis	430†	*	*	*	12	*	0	0	284	*	13	68	9	6	12	9
Typhoid Fever	10†	0	0	0	0	0	0	0	*	0	0	*	*	0	0	0
<b>Mycosis</b>																
Coccidioidomycosis (Valley Fever)	10,360†	41	80	53	73	16	*	22	7,291	141	68	1,430	930	25	122	65
<b>Hepatitides</b>																
Hepatitis A	590†	*	14	0	*	*	0	0	329	*	0	214	14	*	8	*
Hepatitis B (acute)	50†	*	0	*	*	0	0	0	38	*	0	*	*	0	*	*
Hepatitis B, Perinatal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hepatitis C (acute)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hepatitis D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hepatitis E	0†	0	0	0	0	0	0	0	*	0	0	*	*	0	0	0
<b>Tuberculosis</b>																
Pulmonary TB	170†	*	*	*	0	0	0	0	77	0	*	22	40	0	*	16
Total TB	180†	*	*	*	0	0	0	0	87	0	*	28	41	0	*	17

**TABLE 5F-1 (continued)  
NUMBER OF REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY CATEGORY FOR EACH COUNTY, ARIZONA, 2019**

Disease	Arizona	Apache	Cochise	Cocoino	Gila	Graham	Greelee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>Sexually Transmitted</b> (Arizona total within disease category includes unknown county frequency counts)																
Gonorrhea	15,250†	192	61	264	55	40	*	23	10,727	211	316	2,218	652	30	125	330
Gonococcal PID	20†	0	0	0	0	*	0	0	*	0	0	*	0	0	0	9
Resistant Gonorrhea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis (primary and secondary)	1,300†	17	12	23	13	*	0	*	951	*	44	176	32	*	*	13
Syphilis-Total	4,042	44	40	69	61	21	0	12	2,650	51	176	572	207	13	30	96
Chlamydia	43,220	552	486	1,131	223	190	34	74	28,481	541	806	6,693	2,053	244	562	1,150
<b>Zoonoses/Vectorborne</b>																
Brucellosis	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0
Colorado Tick Fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dengue	20†	0	0	0	0	0	0	0	13	0	0	*	0	0	0	0
Ehrlichiosis	0†	0	0	0	0	0	0	0	*	0	0	*	0	0	0	*
Hantavirus Pulmonary Syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Human Rabies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyme Disease	10†	0	*	0	0	0	0	0	*	0	0	7	0	0	0	0
Malaria	30†	0	0	0	0	0	0	0	27	*	0	*	0	0	*	0
Plague	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Relapsing Fever, Tickborne	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0
Rocky Mtn. Spotted Fever	50†	*	*	0	*	*	0	0	*	0	35	*	*	*	0	0
St. Louis Encephalitis	10†	0	0	0	0	0	0	0	8	0	0	0	*	0	0	0
Tularemia	0†	0	0	*	0	0	0	0	*	0	0	0	0	0	0	0
West Nile Virus	170†	*	0	0	*	0	0	0	155	0	*	10	*	0	0	0
<b>Other</b>																
Botulism	0†	0	0	0	0	0	0	0	*	0	0	0	*	0	0	0
Legionellosis	90†	0	*	0	*	0	0	0	65	*	0	15	*	0	*	*
Listeriosis	10†	0	0	0	0	0	0	0	9	0	*	0	*	*	0	0
Methicillin Resistant <i>S. aureus</i> (invasive)	1,470†	15	23	23	35	6	*	*	830	13	19	290	99	*	59	44
Streptococcal Group A (invasive)	790†	19	*	24	18	*	*	*	468	*	41	143	37	*	12	9
Streptococcal Group B (invasive disease in infants <90 days old)	40†	0	0	0	0	0	0	0	32	0	0	7	*	0	0	*
<i>Streptococcus pneumoniae</i> (invasive)	740†	17	7	29	14	*	*	0	410	8	19	142	48	*	30	11
Reyes Syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Toxic Shock Syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Vibrio</i> spp. (except toxigenic <i>V. cholerae</i> )	50†	0	*	0	0	*	*	0	30	0	*	12	*	*	0	0
Yersiniosis (except <i>Y. pestis</i> )	60†	0	*	0	*	0	0	0	37	0	0	14	*	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; Non-resident cases have been excluded. Only incident cases are reported. Cases are counted by date reported to public health. Case counts include both probable and confirmed cases unless otherwise indicated. *E. coli* has included both *E. coli* O157:H7 and Shiga-toxin positive *E. coli* since October 2004. *Haemophilus influenzae* type B includes all invasive *H. influenzae* type B, not just meningitis, as of 1995. Meningococcal includes all invasive disease caused by *Neisseria meningitidis*, not just meningitis. Animal rabies cases are not included. Reported coccidioidomycosis cases were elevated from June 2009 through December 2012 and then declined in 2013 due to changes in reporting practices and laboratory testing from a major commercial laboratory. A change in the criteria for counting Lyme disease in 2013 may account for the increase in cases in that year. Aseptic Meningitis ceased being reportable beginning in January 2018. For additional statistics on these diseases, please see <http://www.azdhs.gov/preparedness/epidemiology-disease-control/index.php#data-stats>.

Source: Arizona Department of Health Services, Bureau of Epidemiology and Disease Control Services, Office of Infectious Disease Services, Office of Disease Integration and Services.

**TABLE 5F-2  
RATES OF REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY CATEGORY FOR EACH COUNTY, ARIZONA, 2019**

Disease	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>Vaccine Preventable</b>																
Measles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	0.0	0.0
Mumps	1.4	**	**	0.0	0.0	**	0.0	0.0	0.5	0.0	0.0	**	16.0	**	0.0	0.0
Pertussis	5.3	12.5	**	6.1	12.7	15.6	0.0	0.0	4.9	13.4	7.1	5.1	4.4	**	6.0	**
Pertussis (confirmed only)	2.9	**	**	4.1	**	**	0.0	0.0	3.1	4.6	5.3	2.7	2.2	0.0	**	**
Rubella	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Congenital Rubella Syndrome	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Haemophilus influenzae b (invasive disease in children < 5 years old)	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tetanus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Varicella (chickenpox)	4.3	0.0	**	**	**	0.0	0.0	0.0	3.4	3.7	**	3.3	13.4	41.4	4.3	4.8
<b>Central Nervous System</b>																
Aseptic Meningitis	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Meningococcal Disease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Viral Encephalitis - Total	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Enteritides</b>																
Amebiasis	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	**	**	**	0.0	**
Campylobacteriosis	22.5	87.7	16.1	35.3	21.8	44.2	**	**	19.1	31.8	83.3	23.3	14.9	20.7	25.8	29.6
Cholera	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cryptosporidiosis	2.0	**	**	**	**	0.0	0.0	0.0	1.9	2.8	0.0	2.9	**	**	**	2.6
E. coli O157:H7	4.1	**	**	6.1	**	0.0	0.0	0.0	3.5	**	**	8.7	3.3	16.9	3.4	**
Giardiasis	2.0	**	0.0	**	**	0.0	0.0	0.0	2.2	**	**	1.1	3.5	0.0	**	**
Salmonellosis (except S. Typhi and S. Paratyphi)	13.3	27.9	21.4	8.1	14.5	46.8	**	**	9.4	10.1	25.7	22.2	15.2	37.6	19.8	13.9
Salmonella Paratyphi A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Salmonella Paratyphi B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Salmonella Paratyphi C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis	5.9	**	**	**	21.8	**	0.0	0.0	6.5	**	11.5	6.5	2.0	11.3	5.2	3.9
Typhoid Fever	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	**	**	0.0	0.0	0.0
<b>Mycosis</b>																
Coccidioidomycosis (Valley Fever)	144.1	57.1	61.2	36.0	132.3	41.6	**	99.6	166.9	65.0	60.3	136.9	204.3	47.0	52.5	28.3
<b>Hepatitides</b>																
Hepatitis A	8.2	**	10.7	0.0	**	**	0.0	0.0	7.5	**	0.0	20.5	3.1	**	3.4	**
Hepatitis B (acute)	0.7	**	0.0	**	**	0.0	0.0	0.0	0.9	**	0.0	**	**	0.0	**	**
Hepatitis B, Perinatal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hepatitis C (acute)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hepatitis D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hepatitis E	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	**	**	0.0	0.0	0.0
<b>Tuberculosis</b>																
Pulmonary TB	2.3	**	**	**	0.0	0.0	0.0	0.0	1.8	0.0	**	2.1	8.8	0.0	**	7.0
Total TB	2.5	**	**	**	0.0	0.0	0.0	0.0	2.0	0.0	**	2.7	9.0	0.0	**	7.4



**TABLE 5F-2 (continued)  
RATES OF REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY CATEGORY FOR EACH COUNTY, ARIZONA, 2019**

Disease	Arizona	Apache	Cochise	Coconino	Gila	Gram	Greelee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>Sexually Transmitted</b>																
Gonorrhea	212.1	267.4	46.6	179.3	99.7	104.0	**	104.1	245.6	97.2	280.1	212.3	143.2	56.4	53.8	143.5
Gonococcal PID	0.3	0.0	0.0	0.0	0.0	**	0.0	0.0	**	0.0	0.0	**	0.0	0.0	0.0	3.9
Resistant Gonorrhea	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Syphilis (primary and secondary)	18.0	23.7	9.2	15.6	23.6	**	0.0	**	21.8	**	39.0	16.8	7.0	**	**	5.7
Syphilis-Total	56.2	61.3	30.6	46.9	110.6	54.6	0.0	54.3	60.7	23.5	156.0	54.8	45.5	24.5	12.9	41.7
Chlamydia	601.2	768.7	371.5	768.0	404.3	493.8	327.7	335.1	652.1	249.3	714.4	640.7	451.0	459.0	241.8	500.1
<b>Zoonoses/Vectorborne</b>																
Brucellosis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Colorado Tick Fever	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dengue	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	**	0.0	0.0	0.0	0.0
Ehrlichiosis	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	**	**	0.0	0.0	**
Hantavirus Pulmonary Syndrome	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Human Rabies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lyme Disease	0.1	0.0	**	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	0.7	0.0	0.0	0.0	0.0
Malaria	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	**	0.0	**	**	0.0	0.0	0.0
Plague	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Relapsing Fever, Tickborne	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rocky Mtn. Spotted Fever	0.7	**	**	0.0	**	**	0.0	0.0	**	0.0	31.0	**	**	0.0	0.0	0.0
St. Louis Encephalitis	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	**	**	0.0	0.0	0.0
Tularemia	0.0	0.0	0.0	**	0.0	0.0	0.0	0.0	**	0.0	0.0	0.0	0.0	0.0	**	0.0
West Nile Virus	2.4	**	0.0	0.0	**	0.0	0.0	0.0	3.5	0.0	**	1.0	**	0.0	0.0	0.0
<b>Other</b>																
Botulism	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	**	0.0	0.0	0.0	0.0
Legionellosis	1.3	0.0	**	0.0	**	0.0	0.0	0.0	1.5	**	0.0	1.4	**	0.0	**	**
Listeriosis	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	**	0.0	**	**	0.0	0.0
Methicillin Resistant <i>S. aureus</i> (invasive)	20.4	20.9	17.6	15.6	63.5	15.6	**	**	19.0	6.0	16.8	27.8	21.7	**	25.4	19.1
Streptococcal Group A (invasive)	11.0	26.5	**	16.3	32.6	**	**	**	10.7	**	36.3	13.7	8.1	**	5.2	3.9
Streptococcal Group B (invasive disease in infants <90 days old)	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.7	**	0.0	0.0	**
Streptococcus pneumoniae (invasive)	10.3	23.7	5.4	19.7	25.4	**	**	0.0	9.4	3.7	16.8	13.6	10.5	**	12.9	4.8
Reyes Syndrome	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Toxic Shock Syndrome	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Vibrio</i> spp. (except toxogenic <i>V. cholerae</i> )	0.7	0.0	**	0.0	0.0	**	**	0.0	0.7	0.0	**	1.1	**	0.0	**	0.0
Yersiniosis (except <i>Y. pestis</i> )	0.8	0.0	**	0.0	**	0.0	0.0	0.0	0.8	0.0	0.0	1.3	**	0.0	**	0.0

Notes: \*\* Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; Non-resident cases have been excluded. Only incident cases are reported. Cases are counted by date reported to public health. Case counts include both probable and confirmed cases unless otherwise indicated. E. coli has included both E. coli O157:H7 and Shiga-toxin positive E. coli since October 2004. Haemophilus influenzae type B includes all invasive H. influenzae type B, not just meningitis, as of 1995. Meningococcal includes all invasive disease caused by *Neisseria meningitidis*, not just meningitis. Animal rabies cases are not included. Reported coxioidiomycosis cases were elevated from June 2009 through December 2012 and then declined in 2013 due to changes in reporting practices and laboratory testing from a major commercial laboratory. A change in the criteria for counting Lyme disease in 2013 may account for the increase in cases in that year. Aseptic Meningitis ceased being reportable beginning in January 2018. Rates calculated for Streptococcus Group B (invasive disease in infants <90 days old) represent the number of cases per 1000 live births; all other morbidities are per 100,000 Arizona residents in appropriate county. For additional statistics on these diseases, please see <http://www.azdhs.gov/preparedness/epidemiology-disease-control/index.php#data-stats>.

**Source: Arizona Department of Health Services, Bureau of Epidemiology and Disease Control Services, Office of Infectious Disease Services and Office of Disease Integration and Services**

**TABLE 5F-3  
REPORTED NEW HIV/AIDS CASES BY YEAR OF DIAGNOSIS AND COUNTY OF RESIDENCE IN ARIZONA,  
1981-2008 AND 2009-2019**

County	1981-2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Apache	59	9	*	8	10	7	9	10	8	6	8	*
Cochise	195	6	*	10	6	7	*	8	7	*	7	*
Coconino	175	*	11	*	*	13	12	*	10	18	10	13
Gila	38	*	*	*	0	*	*	*	*	*	*	0
Graham	48	*	*	*	0	0	*	0	0	*	*	*
Greenlee	*	0	*	0	0	0	0	0	0	0	0	*
La Paz	33	*	*	*	0	*	*	0	0	*	*	*
Maricopa	12,517	458	425	412	487	469	559	522	535	497	548	531
Mohave	229	10	19	11	*	12	*	*	7	7	9	7
Navajo	97	7	*	9	6	13	12	6	10	12	*	7
Pima	2,960	86	96	58	73	106	95	101	87	112	114	101
Pinal	535	47	36	35	19	43	34	33	43	42	39	72
Santa Cruz	46	*	0	*	*	0	*	*	*	6	7	*
Yavapai	215	7	*	6	7	9	*	7	*	7	*	14
Yuma	228	15	15	10	12	11	8	10	17	15	15	19
Missing	12	0	0	0	0	0	0	0	0	0	0	*
<b>ARIZONA</b>	<b>17,390†</b>	<b>660†</b>	<b>630†</b>	<b>570†</b>	<b>630†</b>	<b>700†</b>	<b>750†</b>	<b>710†</b>	<b>730†</b>	<b>730†</b>	<b>770†</b>	<b>780†</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; Due to reporting delays, all numbers are provisional (2019 volume as of 08/03/2020); State annual totals may include case reports of persons with no reported county of residence.

Source: Arizona Department of Health Services, Bureau of Epidemiology and Disease Control, Office of HIV/AIDS Services.

**5G**

**MARRIAGES AND  
MARRIAGE DISSOLUTIONS**

**TABLE 5G-1  
MARRIAGES BY YEAR AND COUNTY OF OCCURRENCE<sup>a</sup>, ARIZONA, 2009-2019**

County	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA</b>	35,338	38,076	36,713	37,064	35,791	38,911	40,439	41,105	40,939	39,691	38,599
<b>Apache</b>	239	219	229	203	159	201	208	196	178	140	148
<b>Cochise</b>	963	956	859	709	736	751	798	746	630	688	527
<b>Coconino</b>	994	915	879	983	841	938	1,029	1,007	1,001	992	895
<b>Gila</b>	286	317	289	288	304	326	290	294	303	293	290
<b>Graham</b>	313	286	211	304	298	372	324	314	310	300	292
<b>Greenlee</b>	46	33	51	51	61	63	70	66	60	47	53
<b>La Paz</b>	76	135	117	120	112	135	111	129	113	94	107
<b>Maricopa</b>	21,347	23,127	22,748	23,552	22,519	24,411	25,454	26,294	26,629	25,705	25,006
<b>Mohave</b>	1,186	1,304	1,242	1,309	1,210	1,261	1,293	1,281	1,277	1,311	1,232
<b>Navajo</b>	523	579	464	492	492	504	617	414	489	355	429
<b>Pima</b>	5,392	5,972	5,591	5,291	5,419	5,956	6,003	6,000	5,655	5,491	5,372
<b>Pinal</b>	1,277	1,373	1,318	1,216	1,213	1,285	1,332	1,386	1,428	1,464	1,426
<b>Santa Cruz</b>	201	314	207	161	139	227	288	253	228	182	193
<b>Yavapai</b>	1,144	1,237	1,263	1,284	1,129	1,338	1,427	1,491	1,396	1,346	1,317
<b>Yuma</b>	1,351	1,309	1,245	1,101	1,159	1,143	1,195	1,234	1,242	1,283	1,312

Note: <sup>a</sup> Marriages recorded unless otherwise indicated.

**TABLE 5G-2  
MARRIAGE RATES<sup>a</sup> BY YEAR AND COUNTY OF OCCURRENCE, ARIZONA, 2009-2019**

County	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA</b>	5.4	6.0	5.7	5.7	5.4	5.8	6.0	6.0	5.9	5.6	5.4
<b>Apache</b>	3.1	3.1	3.2	2.8	2.2	2.8	2.9	2.7	2.4	1.9	2.1
<b>Cochise</b>	6.8	7.3	6.6	5.4	5.6	5.8	6.2	5.8	4.9	5.3	4.0
<b>Coconino</b>	7.2	6.8	6.6	7.3	6.2	6.7	7.3	7.1	6.9	6.8	6.1
<b>Gila</b>	4.8	5.9	5.4	5.4	5.7	6.0	5.3	5.4	5.5	5.3	5.3
<b>Graham</b>	7.9	7.7	5.6	8.1	7.9	9.7	8.4	8.2	8.1	7.9	7.6
<b>Greenlee</b>	5.3	3.9	6.1	5.9	5.6	6.0	6.6	6.3	5.5	4.5	5.1
<b>La Paz</b>	3.5	6.6	5.6	5.7	5.3	6.4	5.2	6.1	5.2	4.3	4.8
<b>Maricopa</b>	5.4	6.1	5.9	6.1	5.7	6.1	6.2	6.4	6.3	6.0	5.7
<b>Mohave</b>	5.8	6.5	6.2	6.4	5.9	6.2	6.3	6.2	6.1	6.2	5.7
<b>Navajo</b>	4.5	5.4	4.3	4.6	4.5	4.6	5.6	3.7	4.4	3.1	3.8
<b>Pima</b>	5.3	6.1	5.7	5.3	5.4	5.9	5.9	5.9	5.5	5.3	5.1
<b>Pinal</b>	3.9	3.7	3.4	3.1	3.1	3.2	3.3	3.4	3.3	3.3	3.1
<b>Santa Cruz</b>	4.2	6.6	4.3	3.3	2.8	4.6	5.7	5.0	4.4	3.5	3.6
<b>Yavapai</b>	5.0	5.9	6.0	6.1	5.3	6.2	6.6	6.8	6.2	5.9	5.7
<b>Yuma</b>	6.6	6.7	6.2	5.4	5.5	5.4	5.6	5.7	5.6	5.7	5.7

Note: <sup>a</sup> Per 1,000 population.

**TABLE 5G-3  
MARRIAGES BY COUNTY OF OCCURRENCE<sup>a</sup> AND MONTH, ARIZONA, 2019**

County	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<b>ARIZONA</b>	3,540†	2,560†	3,764	3,903	3,265	2,940†	2,650†	2,250†	2,500†	4,270†	3,640†	3,320†	38,599
<b>Apache</b>	10	13	8	8	8	15	14	19	14	22	10	7	148
<b>Cochise</b>	45	50	48	68	22	47	28	40	84	37	12	46	527
<b>Coconino</b>	61	44	53	61	100	46	101	65	87	147	86	44	895
<b>Gila</b>	20	12	25	26	28	33	25	21	20	32	20	28	290
<b>Graham</b>	38	15	25	23	24	25	26	25	17	17	15	42	292
<b>Greenlee</b>	*	*	6	8	6	*	*	*	6	*	*	*	50†
<b>La Paz</b>	*	*	10	19	7	*	8	13	*	11	12	10	110†
<b>Maricopa</b>	2,458	1,680	2,527	2,575	2,035	1,941	1,607	1,343	1,450	2,706	2,419	2,265	25,006
<b>Mohave</b>	75	59	88	149	127	100	95	65	124	145	100	105	1,232
<b>Navajo</b>	25	30	19	39	30	18	38	52	75	49	44	10	429
<b>Pima</b>	496	335	555	528	494	371	388	352	322	607	535	389	5,372
<b>Pinal</b>	117	126	141	135	131	88	88	76	94	153	149	128	1,426
<b>Santa Cruz</b>	19	16	11	16	18	12	21	22	8	25	6	19	193
<b>Yavapai</b>	74	66	77	127	138	133	112	88	95	189	123	95	1,317
<b>Yuma</b>	92	114	171	121	97	98	95	67	102	121	105	129	1,312

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> Marriages recorded unless otherwise indicated.

**TABLE 5G-4  
DISSOLUTIONS<sup>a</sup> OF MARRIAGE BY YEAR AND COUNTY OF OCCURRENCE, ARIZONA, 2009-2019**

County	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA</b>	23,140	22,479	25,438	28,072	26,037	26,199	24,434	23,442	24,430	21,187	21,224
<b>Apache</b>	45	72	69	57	77	73	67	62	72	81	63
<b>Cochise</b>	566	645	589	580	419	379	464	416	283	409	385
<b>Coconino</b>	260	527	392	419	382	362	365	365	362	338	361
<b>Gila</b>	188	208	159	172	133	165	119	157	123	127	119
<b>Graham</b>	167	191	134	185	156	133	162	151	157	125	125
<b>Greenlee</b>	54	45	39	43	45	51	48	36	32	29	33
<b>La Paz</b>	9	43	37	31	12	16	34	43	54	49	40
<b>Maricopa</b>	14,088	13,215	16,108	19,047	17,922	18,241	16,324	15,597	16,878	13,429	13,883
<b>Mohave</b>	715	519	653	616	409	394	579	502	428	409	415
<b>Navajo</b>	303	163	243	245	211	250	214	217	247	219	202
<b>Pima</b>	3,949	3,988	4,175	3,917	3,777	3,685	3,422	3,298	3,225	3,380	3,198
<b>Pinal</b>	1,051	1,103	1,102	848	617	909	906	856	829	923	973
<b>Santa Cruz</b>	118	132	110	84	97	98	147	151	121	123	149
<b>Yavapai</b>	903	905	901	1,027	786	685	750	756	794	796	798
<b>Yuma</b>	724	723	727	801	994	758	833	835	825	750	480

Note: <sup>a</sup> Divorces and annulments granted.

**TABLE 5G-5  
DISSOLUTIONS OF MARRIAGE RATES<sup>a</sup> BY YEAR AND COUNTY OF OCCURRENCE, ARIZONA, 2009-2019**

County	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>ARIZONA</b>	3.5	3.5	4.0	4.3	4.0	3.9	3.6	3.4	3.5	3.0	3.0
<b>Apache</b>	0.6	1.0	1.0	0.8	1.1	1.0	0.9	0.9	1.0	1.1	0.9
<b>Cochise</b>	4.0	4.9	4.5	4.4	3.2	2.9	3.6	3.2	2.2	3.1	2.9
<b>Coconino</b>	1.9	3.9	2.9	3.1	2.8	2.6	2.6	2.6	2.5	2.3	2.5
<b>Gila</b>	3.2	3.9	3.0	3.2	2.5	3.0	2.2	2.9	2.2	2.3	2.2
<b>Graham</b>	4.2	5.1	3.6	5.0	4.1	3.5	4.2	3.9	4.1	3.3	3.2
<b>Greenlee</b>	6.2	5.3	4.7	5.0	4.1	4.9	4.5	3.5	2.9	2.8	3.2
<b>La Paz</b>	0.4	2.1	1.8	1.5	0.6	0.8	1.6	2.0	2.5	2.2	1.8
<b>Maricopa</b>	3.6	3.5	4.2	4.9	4.5	4.6	4.0	3.8	4.0	3.1	3.2
<b>Mohave</b>	3.5	2.6	3.3	3.0	2.0	1.9	2.8	2.4	2.0	1.9	1.9
<b>Navajo</b>	2.6	1.5	2.3	2.3	1.9	2.3	2.0	2.0	2.2	1.9	1.8
<b>Pima</b>	3.9	4.1	4.2	4.0	3.8	3.7	3.4	3.3	3.1	3.3	3.1
<b>Pinal</b>	3.2	2.9	2.9	2.2	1.6	2.3	2.2	2.1	1.9	2.1	2.1
<b>Santa Cruz</b>	2.5	2.8	2.3	1.7	2.0	2.0	2.9	3.0	2.3	2.3	2.8
<b>Yavapai</b>	4.0	4.3	4.3	4.9	3.7	3.2	3.4	3.4	3.5	3.5	3.4
<b>Yuma</b>	3.5	3.7	3.6	3.9	4.7	3.6	3.9	3.8	3.7	3.3	2.1

Note: <sup>a</sup> Per 1,000 population.



**TABLE 5G-6  
DISSOLUTIONS<sup>a</sup> OF MARRIAGE COUNTY OF OCCURRENCE AND MONTH, ARIZONA, 2019**

County	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<b>ARIZONA</b>	1,790†	1,440†	1,540†	1,680†	1,590†	1,610†	1,790†	1,890†	1,980†	2,140†	1,770†	2,010†	21,224
<b>Apache</b>	*	*	7	9	*	*	*	*	6	6	7	*	60†
<b>Cochise</b>	35	20	26	43	39	39	31	38	28	27	24	35	385
<b>Coconino</b>	23	22	28	28	29	32	24	42	29	33	24	47	361
<b>Gila</b>	12	10	8	11	12	10	11	13	6	8	13	*	120†
<b>Graham</b>	12	15	8	14	7	14	13	10	6	14	8	*	130†
<b>Greenlee</b>	*	*	*	*	*	*	*	0	*	*	*	*	30†
<b>La Paz</b>	*	0	*	*	*	*	*	*	*	*	*	*	40†
<b>Maricopa</b>	1,141	971	978	1,023	1,016	961	1,130	1,189	1,421	1,510	1,184	1,359	13,883
<b>Mohave</b>	25	38	26	40	41	39	47	36	23	25	38	37	415
<b>Navajo</b>	25	14	15	15	21	20	21	19	17	15	15	19	202
<b>Pima</b>	293	215	245	270	239	262	277	324	245	326	218	284	3,198
<b>Pinal</b>	103	68	70	78	70	81	95	100	68	73	81	86	973
<b>Santa Cruz</b>	18	9	9	16	11	12	8	12	15	17	9	13	149
<b>Yavapai</b>	54	58	61	85	40	79	55	73	61	43	92	97	798
<b>Yuma</b>	37	41	52	39	56	57	67	20	49	34	55	14	480

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> Divorces and annulments granted.