

CHAPTER 5

TRENDS AND PATTERNS IN HEALTH STATUS AND VITAL STATISTICS BY COUNTY OF RESIDENCE, 2007-2017

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5A

PREGNANCIES BY PREGNANCY OUTCOME

**TABLE 5A-1
PREGNANCIES AND PREGNANCY RATES BY PREGNANCY OUTCOME AND COUNTY OF RESIDENCE, ARIZONA, 2017**

County of residence	PREGNANCIES BY OUTCOME					PREGNANCY RATES BY OUTCOME			
	Female population of childbearing age ^a	Live births	Abortions	Fetal deaths	Total pregnancies ^b	Fertility rate ^c	Abortion rate ^d	Pregnancy rate ^e	Percent pregnancies ending in abortions
State Total	1,336,057	81,664	12,336	480†	94,481	61.1	9.2	70.7	13.1
Apache	13,488	946	14	10	970	70.1	1.0	71.9	1.4
Cochise	20,751	1,330	97	*	1,430†	64.1	4.7	**	6.8
Coconino	35,006	1,506	207	9	1,722	43.0	5.9	49.2	12.0
Gila	7,526	541	55	*	600†	71.9	7.3	**	9.2
Graham	7,044	530	18	*	550†	75.2	2.6	**	3.3
Greenlee	2,161	156	10	*	170†	72.2	4.6	**	6.0
La Paz	2,634	194	11	*	210†	73.7	4.2	**	5.3
Maricopa	851,187	52,470	8,384	303	61,157	61.6	9.8	71.8	13.7
Mohave	28,621	1,734	19	15	1,768	60.6	0.7	61.8	1.1
Navajo	18,980	1,507	66	14	1,587	79.4	3.5	83.6	4.2
Pima	197,574	10,970	1,611	71	12,652	55.5	8.2	64.0	12.7
Pinal	71,772	4,384	400	32	4,816	61.1	5.6	67.1	8.3
Santa Cruz	9,425	633	45	*	680†	67.2	4.8	**	6.6
Yavapai	29,951	1,796	222	7	2,025	60.0	7.4	67.6	11.0
Yuma	39,937	2,956	29	7	2,992	74.0	0.7	74.9	1.0

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; ^a Females 15-44 years old; ^b Sum of recorded live births, reported spontaneous terminations of pregnancy (fetal deaths) and reported induced terminations of pregnancy (abortions); ^c The number of live births per 1,000 females of childbearing age; ^d The number of abortions per 1,000 females of childbearing age; ^e 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, 2017

County of residence	NUMBER OF PREGNANCIES ^a				
	All 19 years or younger	10-14 years	15-19 years		
			Total, 15-19	15-17	18-19
Apache	100†	*	96	30	66
Cochise	110†	*	108	30	78
Coconino	150†	*	146	34	112
Gila	60†	*	59	10	49
Graham	48	0	48	16	32
Greenlee	12	0	10†	*	9
La Paz	17	0	20†	*	14
Maricopa	3,729	32	3,697	916	2,781
Mohave	143	0	143	26	117
Navajo	160†	*	155	52	103
Pima	840	15	825	225	600
Pinal	360†	*	353	80	273
Santa Cruz	53	0	53	8	45
Yavapai	161	0	161	35	126
Yuma	210†	*	207	62	145
STATE TOTAL	6,252	70†	6,187	1,550†	4,633
County of residence	PREGNANCY RATES ^b				
	All 19 years or younger	10-14 years	15-19 years		
			Total, 15-19	15-17	18-19
Apache	15.7	**	31.9	15.4	62.1
Cochise	14.3	**	28.8	12.8	55.4
Coconino	12.6	**	19.4	13.3	22.6
Gila	22.0	**	42.8	11.4	97.0
Graham	16.6	0.0	33.2	17.3	61.5
Greenlee	15.3	0.0	30.7	**	67.2
La Paz	18.0	0.0	37.8	**	80.5
Maricopa	13.2	0.2	26.4	10.6	51.7
Mohave	13.6	0.0	27.5	7.5	67.4
Navajo	19.5	**	40.0	20.6	76.3
Pima	13.1	0.5	24.1	11.9	39.1
Pinal	13.5	**	28.2	9.7	64.0
Santa Cruz	12.7	0.0	26.5	6.3	61.0
Yavapai	15.1	0.0	30.1	10.6	61.3
Yuma	13.9	**	27.7	13.5	50.3
STATE TOTAL	13.7	0.3	27.1	11.3	50.9

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; ^a The sum of live births, fetal deaths and abortions; ^b The number of pregnancies per 1,000 females in specified group.

**TABLE 5A-3
TRENDS IN PREGNANCY RATES^a BY COUNTY OF RESIDENCE AMONG FEMALES 10-17 AND 18-19 YEARS OLD,
ARIZONA, 2007-2017**

	ARIZONA	APACHE	COCHISE	COCONINO	GILA	GRAHAM	GREENLEE	LA PAZ	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	SANTA CRUZ	YAVAPAI	YUMA
2007	34.4	27.5	29.1	33.2	41.7	40.1	25.4	50.9	35.4	31.9	33.7	30.5	37.4	32.2	33.0	37.8
2008	31.6	25.3	27.2	28.6	45.9	33.2	33.2	38.6	32.5	28.1	36.3	29.0	31.3	31.5	26.9	35.1
2009	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
2010	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
2011	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
2012	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
2013	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
2014	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
2015	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
2016	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
2017	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
10-19 YEARS																
2007	121.4	89.4	99.8	81.2	164.0	103.4	122.4	242.8	131.9	157.6	125.8	89.6	144.9	102.8	129.9	129.8
2008	111.3	89.5	92.4	72.2	165.9	94.7	133.3	156.1	120.0	135.7	135.7	86.5	121.8	111.6	100.1	121.7
2009	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
2010	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
2011	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
2012	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
2013	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
2014	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
2015	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
2016	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
2017	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
10-17 YEARS																
2007	14.8	12.5	12.0	16.3	16.2	19.3	**	15.8	15.3	10.7	14.4	13.6	16.4	17.7	12.8	16.0
2008	13.7	9.7	11.3	13.2	21.0	12.9	16.2	17.0	14.3	9.5	15.5	12.5	13.6	15.0	10.9	14.6
2009	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
2010	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
2011	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
2012	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
2013	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
2014	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
2015	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
2016	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
2017	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

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

**TABLE 5A-4
PREGNANCIES BY PREGNANCY OUTCOME, AGE GROUP, AND COUNTY OF RESIDENCE,
ARIZONA, 2017**

		Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	Un- known
STATE TOTAL	Total pregnancies	94,481	65	1,554	4,633	22,347	28,303	22,971	11,690	2,635	274	10†
	Births	81,664	36	1,280	3,725	18,447	24,736	20,747	10,262	2,193	235	*
	Abortions	12,336	29	267	883	3,796	3,449	2,099	1,353	424	36	0
	Fetal deaths	480†	0	7	25	104	118	125	75	18	*	6
APACHE	Total pregnancies	970†	0†	30	70†	230†	280†	210†	120†	30†	0†	0
	Births	950†	*	30	63	221	272	208	119	30	*	0
	Abortions	10†	0	0	*	7	*	*	*	*	0	0
	Fetal deaths	10†	0	0	*	*	*	*	*	0	0	0
COCHISE	Total pregnancies	1,430†	0†	30†	78	400†	462	300†	140†	30†	0†	0
	Births	1,330†	*	27	70	355	436	288	121	28	*	0
	Abortions	100†	0	*	8	38	26	7	13	*	0	0
	Fetal deaths	10†	0	0	0	*	0	*	*	0	0	0
COCONINO	Total pregnancies	1,720†	0†	30†	112	380†	540†	400†	210†	44	10†	0
	Births	1,510†	*	32	88	290	480	383	190	38	*	0
	Abortions	210†	0	*	24	82	56	18	19	6	*	0
	Fetal deaths	10†	0	*	0	*	*	*	*	0	0	0
GILA	Total pregnancies	600†	0†	10†	50†	170†	187	118	44	10†	0†	0
	Births	540†	*	6	45	157	174	108	38	9	*	0
	Abortions	60†	*	*	*	16	13	10	6	*	0	0
	Fetal deaths	0†	0	0	0	*	0	0	0	0	0	0
GRAHAM	Total pregnancies	550†	0	20†	30†	180†	176	90†	50†	10†	0	0
	Births	530	0	15	29	171	170	87	49	9	0	0
	Abortions	20†	0	0	*	*	6	*	*	*	0	0
	Fetal deaths	0†	0	*	0	0	0	0	0	0	0	0
GREENLEE	Total pregnancies	170†	0	0†	9	50†	70†	30†	20†	0	0†	0
	Births	160†	0	*	9	39	64	24	17	0	*	0
	Abortions	10†	0	*	0	*	*	*	*	0	0	0
	Fetal deaths	0†	0	0	0	*	0	0	0	0	0	0
LA PAZ	Total pregnancies	210†	0	0†	10†	60†	70†	40†	20†	0†	0	0
	Births	190†	0	*	13	59	64	34	19	*	0	0
	Abortions	10†	0	*	*	*	*	*	*	*	0	0
	Fetal deaths	0†	0	0	0	0	*	*	0	0	0	0
MARICOPA	Total pregnancies	61,157	32	920†	2,781	13,623	18,134	15,604	8,048	1,825	190†	0†
	Births*	52,470	18	734	2,220	11,075	15,648	14,043	7,058	1,515	159	0
	Abortions	8,384	14	179	547	2,486	2,410	1,482	940	296	30	0
	Fetal deaths	300†	0	*	14	62	76	79	50	14	*	*
MOHAVE	Total pregnancies	1,768	0	26	120†	520†	540†	370†	160†	33	6	0†
	Births	1,734	0	26	113	508	528	367	153	33	6	0
	Abortions	20†	0	0	*	9	*	0	*	0	0	0
	Fetal deaths	20†	0	0	0	*	6	*	*	0	0	*
NAVAJO	Total pregnancies	1,590†	0†	50†	100†	450†	470†	340†	149	30†	0†	0
	Births	1,510†	*	50	96	425	447	315	142	29	*	0
	Abortions	70†	0	*	*	18	16	17	7	*	0	0
	Fetal deaths	10†	0	0	*	*	*	*	0	0	0	0
PIMA	Total pregnancies	12,652	15	230†	600†	3,048	3,794	3,093	1,507	330†	40†	0†
	Births	10,970	8	189	466	2,499	3,364	2,797	1,340	271	36	0
	Abortions	1,610†	7	34	130	538	413	273	158	56	*	0
	Fetal deaths	70†	0	*	*	11	17	23	9	*	0	*
PINAL	Total pregnancies	4,820†	10†	80	270†	1,191	1,540†	1,040†	560	120†	10†	0
	Births	4,380†	*	70	226	1,082	1,418	975	492	110	10	0
	Abortions	400†	*	10	44	102	116	61	58	*	0	0
	Fetal deaths	30†	0	0	*	7	*	*	10	*	*	0
SANTA CRUZ	Total pregnancies	680†	0	8	50†	180†	210†	132	81	20†	0†	0
	Births	630†	0	8	43	165	202	123	70	19	*	0
	Abortions	50†	0	0	*	16	6	9	11	*	0	0
	Fetal deaths	0†	0	0	0	*	*	0	0	0	0	0
YAVAPAI	Total pregnancies	2,030†	0	35	126	580†	610†	410†	201	57	0†	0
	Births	1,800†	0	28	98	504	554	382	182	46	*	0
	Abortions	222	0	7	28	77	57	23	19	11	0	0
	Fetal deaths	10†	0	0	0	*	*	*	0	0	0	0
YUMA	Total pregnancies	2,990†	0†	60†	145	910†	930†	620†	270†	53	0†	0
	Births	2,960†	*	61	145	896	914	610	272	53	*	0
	Abortions	30†	*	*	0	12	10	*	*	0	0	0
	Fetal deaths	10†	0	0	0	*	*	*	0	0	0	0
UNKNOWN	Total pregnancies	1,160†	0†	24	80†	380†	310†	190†	114	41	10†	0†
	Births	10†	0	0	*	*	*	*	0	0	*	*
	Abortions	1,150†	*	24	82	383	309	190	114	41	*	0
	Fetal deaths	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, 2017**

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	90†	*	93	30	63
Cochise	100†	*	97	27	70
Coconino	120†	*	120	32	88
Gila	50†	*	51	6	45
Graham	44	0	44	15	29
Greenlee	11	0	10†	*	9
La Paz	15	0	20†	*	13
Maricopa	2,972	18	2,954	734	2,220
Mohave	139	0	139	26	113
Navajo	150†	*	146	50	96
Pima	663	8	655	189	466
Pinal	300†	*	296	70	226
Santa Cruz	51	0	51	8	43
Yavapai	126	0	126	28	98
Yuma	210†	*	206	61	145
STATE TOTAL	5,041	40†	5,005	1,280†	3,725

County of residence	BIRTH RATES ^a				
	All 19 years or younger	10-14 years	15-19 years		
			Total 15-19	15-17	18-19
Apache	15.2	**	30.9	15.4	59.3
Cochise	12.9	**	25.9	11.5	49.7
Coconino	10.4	**	16.0	12.5	17.8
Gila	18.9	**	37.0	6.9	89.1
Graham	15.2	0.0	30.4	16.2	55.8
Greenlee	14.1	0.0	28.1	**	67.2
La Paz	15.8	0.0	33.3	**	74.7
Maricopa	10.5	0.1	21.1	8.5	41.3
Mohave	13.2	0.0	26.7	7.5	65.1
Navajo	18.4	**	37.7	19.8	71.1
Pima	10.4	0.3	19.1	10.0	30.3
Pinal	11.2	**	23.6	8.5	53.0
Santa Cruz	12.3	0.0	25.5	6.3	58.3
Yavapai	11.9	0.0	23.6	8.5	47.6
Yuma	13.7	**	27.6	13.3	50.3
STATE TOTAL	11.1	0.2	21.9	9.3	41.0

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;^a 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^a PER 1,000 POPULATION
BY COUNTY OF RESIDENCE, ARIZONA, 2007-2017

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA	9.0	8.3	7.2	6.4	5.8	5.7	6.6	5.3	4.6	4.1	3.5
Apache	8.3	9.2	9.3	7.8	6.8	6.4	5.6	5.8	4.3	5.1	3.5
Cochise	5.6	4.3	5.1	4.3	3.6	3.8	3.9	3.4	2.0	1.5	-0.1
Coconino	11.2	9.7	8.8	8.2	7.8	7.3	2.3	7.0	5.4	5.3	4.5
Gila	0.5	-0.4	1.0	0.2	-1.1	-0.8	5.9	-1.8	-4.3	-4.4	-3.3
Graham	8.3	9.1	9.4	6.1	9.6	6.1	2.9	8.4	8.6	7.3	5.9
Greenlee	9.1	8.8	9.2	5.9	5.7	5.9	4.2	8.8	8.1	9.3	8.3
La Paz	1.2	2.1	-2.4	0.0	-0.7	-1.0	5.5	-1.9	-2.6	-2.2	-5.8
Maricopa	10.7	9.8	8.4	7.8	7.3	7.4	1.9	6.9	6.3	5.7	5.1
Mohave	1.4	-0.8	-0.2	-1.7	-2.3	-3.7	1.7	-3.5	-5.7	-6.7	-6.7
Navajo	9.7	10.0	9.3	8.5	6.9	6.8	1.1	6.2	5.6	4.4	4.0
Pima	5.9	5.4	4.7	4.1	3.5	3.2	3.2	3.1	2.2	1.9	1.4
Pinal	11.1	11.5	10.1	7.3	5.8	5.7	3.0	4.7	3.7	3.6	3.0
Santa Cruz	10.8	11.5	10.0	9.1	9.3	7.6	7.0	6.5	6.5	6.7	6.5
Yavapai	0.3	-0.7	-1.1	-2.9	-3.1	-4.0	2.7	-3.8	-4.8	-4.9	-5.8
Yuma	10.3	11.1	9.4	10.0	9.3	8.4	2.1	7.7	7.4	6.9	6.6

Note: ^a The difference between the birth rate per 1,000 population and the death rate per 1,000 population.

TABLE 5B-2
BIRTH RATES^a BY COUNTY OF RESIDENCE, ARIZONA, 2007-2017

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA	16.0	15.2	14.0	13.2	13.2	13.2	12.9	13.0	12.6	12.3	11.7
Apache	15.2	15.9	16.2	15.4	14.9	12.9	13.2	14.2	13.2	14.2	13.0
Cochise	13.5	12.8	13.0	13.6	12.7	13.0	12.3	12.7	12.1	11.9	10.4
Coconino	15.8	14.6	13.7	13.2	13.2	12.6	12.0	12.2	11.1	11.3	10.5
Gila	12.4	12.2	11.9	12.5	11.6	11.4	11.0	12.0	10.7	10.9	9.8
Graham	16.0	16.7	16.2	14.2	16.1	14.1	15.8	15.7	15.1	14.6	13.8
Greenlee	16.7	14.6	15.0	12.4	14.2	13.3	11.5	13.7	14.6	14.3	14.2
La Paz	10.6	11.4	8.0	9.8	8.3	9.8	9.7	10.0	9.4	10.5	9.0
Maricopa	17.0	16.0	14.5	14.2	13.9	14.0	13.7	13.8	13.4	13.1	12.4
Mohave	12.1	11.2	10.9	10.1	9.8	8.5	8.6	9.0	9.0	8.8	8.3
Navajo	17.4	16.9	16.4	16.2	15.3	15.1	14.3	14.7	13.8	13.6	13.5
Pima	13.7	13.3	12.6	12.4	12.0	12.0	12.0	11.8	11.4	11.3	10.7
Pinal	18.0	17.8	16.2	13.3	12.0	12.0	11.6	11.3	11.0	10.8	10.3
Santa Cruz	16.5	16.8	16.0	14.6	14.4	13.8	13.2	12.1	12.4	12.7	12.3
Yavapai	11.0	9.8	9.1	8.6	8.7	8.4	8.5	9.0	8.6	8.5	8.0
Yuma	16.1	16.5	15.8	16.5	16.0	15.2	14.9	14.4	14.0	13.8	13.3

Note: ^a The number of births per 1,000 population.

TABLE 5B-3
BIRTHS BY COUNTY OF RESIDENCE, ARIZONA, 2007-2017

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA^a	102,687	99,215	92,616	87,053	85,190	85,725	84,963	86,648	85,024	84,404	81,664
Apache	1,149	1,211	1,242	1,099	1,071	930	951	1,018	953	1,022	946
Cochise	1,860	1,781	1,846	1,781	1,664	1,704	1,607	1,643	1,566	1,531	1,330
Coconino	2,132	1,985	1,894	1,775	1,771	1,689	1,625	1,701	1,575	1,615	1,506
Gila	694	697	704	670	620	609	590	649	580	593	541
Graham	582	644	645	530	606	525	600	603	580	558	530
Greenlee	138	131	130	105	119	114	125	144	154	149	156
La Paz	230	246	174	200	172	204	204	213	199	223	194
Maricopa	65,931	62,667	57,663	54,236	53,361	54,475	53,848	55,285	54,600	54,021	52,470
Mohave	2,439	2,301	2,220	2,022	1,962	1,736	1,742	1,833	1,845	1,803	1,734
Navajo	2,012	1,944	1,893	1,737	1,642	1,633	1,554	1,609	1,517	1,498	1,507
Pima	13,798	13,503	12,840	12,169	11,874	11,876	11,965	11,844	11,476	11,403	10,970
Pinal	5,285	5,731	5,309	4,990	4,607	4,656	4,564	4,490	4,454	4,471	4,384
Santa Cruz	766	796	761	693	694	671	652	599	621	642	633
Yavapai	2,411	2,216	2,061	1,817	1,829	1,782	1,820	1,943	1,877	1,868	1,796
Yuma	3,252	3,362	3,234	3,229	3,198	3,121	3,116	3,058	3,017	3,004	2,956
Unknown	8	0	0	0	0	0	0	16	10	*	11

Note: ^a May include records with unknown county of residence.

**TABLE 5B-4
BIRTHS BY COUNTY OF OCCURRENCE^a, ARIZONA, 2007-2017**

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA^b	103,803	100,088	93,331	88,100	86,121	87,221	86,586	88,065	86,845	86,228	83,471
Apache	1,045	1,037	1,012	967	1,003	932	947	872	888	788	722
Cochise	1,455	1,424	1,450	1,303	1,091	1,096	1,077	1,106	1,103	1,124	867
Coconino	2,410	2,251	2,227	2,087	2,057	2,013	1,929	1,993	1,874	1,886	1,821
Gila	529	533	593	529	505	482	460	503	441	489	482
Graham	667	665	660	552	597	521	605	669	624	623	574
Greenlee	*	0	0	*	0	0	0	0	0	0	*
La Paz	*	*	0	*	6	*	*	*	*	7	*
Maricopa	70,956	68,112	62,708	59,036	57,046	58,188	57,529	59,070	58,194	57,481	55,935
Mohave	2,420	2,319	2,107	2,061	1,993	1,976	1,995	2,000	1,949	1,931	1,819
Navajo	1,591	1,537	1,481	1,369	1,271	1,288	1,236	1,272	1,234	1,232	1,197
Pima	15,056	14,647	14,019	13,393	13,138	13,228	13,235	13,124	12,781	12,634	12,233
Pinal	1,088	1,045	952	918	1,596	1,814	1,743	1,615	1,597	1,689	1,615
Santa Cruz	879	889	812	784	762	728	744	716	720	730	706
Yavapai	2,183	1,974	1,853	1,635	1,647	1,598	1,653	1,770	1,674	1,662	1,607
Yuma	3,519	3,650	3,457	3,460	3,409	3,354	3,385	3,333	3,347	3,331	3,292
Unknown	0	0	0	0	0	0	46	18	415	621	597

Notes: * Cell suppressed due to non-zero count less than 6; ^a Resident and non-resident births occurring in Arizona; ^b 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, 2017**

County of residence	County of occurrence															Born in AZ	AZ resident born outside AZ	Total resident births ^a
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma			
Apache	550	0	27	*	0	0	0	27	0	167	*	*	0	0	0	775	171	950†
Cochise	0	825	0	*	20	0	0	11	0	0	462	0	*	0	0	1,321	9	1,330†
Coconino	*	*	1,394	*	0	0	0	53	9	10	*	0	0	11	0	1,483	23	1,510†
Gila	0	0	0	415	*	0	0	105	0	*	9	*	0	*	0	540	*	540†
Graham	0	0	0	42	423	0	0	33	0	0	31	*	0	0	0	530	0	530†
Greenlee	0	0	*	0	121	*	0	7	0	0	24	0	0	0	0	154	*	160†
La Paz	0	0	0	0	0	0	*	33	151	0	0	0	0	0	*	191	*	190†
Maricopa	6	*	12	7	*	0	0	52,087	*	*	31	145	8	12	10	52,330	140	52,470†
Mohave	0	0	6	0	0	0	0	55	1,522	0	*	*	0	0	*	1,588	146	1,730†
Navajo	88	0	299	*	0	0	0	81	*	1,005	*	0	0	*	0	1,482	25	1,510†
Pima	0	*	0	0	0	0	0	59	0	0	10,845	14	24	0	*	10,946	24	10,970†
Pinal	0	*	*	9	0	0	0	2,744	*	*	175	1,439	*	0	0	4,372	12	4,380†
Santa Cruz	0	*	0	0	0	0	0	6	0	0	200	*	420	0	0	629	*	630†
Yavapai	0	0	56	0	0	0	0	158	*	0	*	0	0	1,568	*	1,791	*	1,800†
Yuma	0	0	0	0	0	0	0	42	0	0	*	0	0	0	2,883	2,928	28	2,960†
Unknown	0	0	0	0	0	0	0	*	0	0	*	0	0	0	*	7	*	11
AZ resident	650†	840†	1,800†	480†	570†	0†	0†	55,506	1,690†	1,190†	11,790†	1,610†	460†	1,600†	2,900†	81,070†	600†	81,664
Non-resident born in AZ	75	30	25	*	6	0	0	429	128	10	441	8	251	12	390	1,810†		
Total born in specified county	720†	870†	1,820†	480†	570†	0†	0†	55,940†	1,820†	1,200†	12,230†	1,620†	710†	1,610†	3,290†	83,470†		

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 Total number of resident births includes 11 births with unknown Arizona county of residence.

**TABLE 5B-6
NUMBER OF BIRTHS BY MONTH AND COUNTY OF RESIDENCE, ARIZONA, 2017**

	TOTAL	Month of birth											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ARIZONA	81,664	6,931	6,147	6,774	6,285	6,507	6,613	6,964	7,402	7,200	7,299	6,791	6,751
Apache	946	78	77	76	71	72	82	76	91	90	83	68	82
Cochise	1,330	91	95	99	107	111	117	141	102	99	128	121	119
Coconino	1,506	126	114	120	139	143	115	137	135	115	122	114	126
Gila	541	38	38	43	47	53	47	49	56	46	45	33	46
Graham	530	43	48	43	42	45	46	41	50	47	42	36	47
Greenlee	156	17	9	15	12	16	12	8	8	20	15	12	12
La Paz	194	19	18	14	12	16	9	19	18	11	24	19	15
Maricopa	52,470	4,514	3,945	4,380	4,022	4,140	4,263	4,390	4,779	4,670	4,704	4,355	4,308
Mohave	1,734	157	129	132	138	139	153	154	183	149	140	144	116
Navajo	1,507	103	125	108	141	116	119	132	133	124	131	128	147
Pima	10,970	902	820	945	806	894	842	956	981	1,001	950	921	952
Pinal	4,384	384	322	343	335	321	381	380	374	374	393	411	366
Santa Cruz	633	49	45	58	49	61	47	63	60	46	52	44	59
Yavapai	1,796	153	155	153	139	169	141	148	161	140	180	131	126
Yuma	2,956	256	206	243	224	210	238	268	271	267	290	254	229
Unknown	10†	*	*	*	*	*	*	*	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-7
BIRTHS BY MOTHER'S RACE/ETHNICITY, THE PARTY PAYING FOR THE DELIVERY, AND COUNTY OF RESIDENCE, ARIZONA, 2017**

	ARIZONA	County of residence																
		Apache	Cochise	Cocconino	Gila	Gramam	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown	
All racial/ethnic groups	Total	81,664	1,330†	1,506	541	530	160†	194	52,470	1,734	1,507	10,970	4,384	630†	1,800†	2,956	10†	
	AHCCCS	43,366	687	868	320	255	56	139	27,065	1,181	1,089	5,429	2,153	467	1,090	1,850	9	
	IHS	908	*	38	75	66	*	19	218	10	45	174	170	*	*	18	0	
	Private Insurance	33,196	128	462	531	128	182	95	29	22,625	445	312	4,921	1,871	114	609	744	0
	Self-pay	4,019	40	174	62	15	27	*	7	2,443	86	59	436	180	51	90	344	*
	Unknown	175	*	7	*	0	0	0	119	12	*	10	10	0	*	0	*	0
White non-Hispanic	Total	35,685	149	630†	247	264	70†	90†	23,359	1,250†	470†	4,350†	2,232	40†	1,270†	580†	10	
	AHCCCS	12,742	65	249	153	114	20	62	7,462	828	236	1,469	913	18	716	185	9	
	IHS	50†	0	*	0	0	0	6	28	*	*	*	7	0	*	*	0	
	Private Insurance	20,616	76	285	375	80	129	48	18	14,402	344	201	2,684	1,206	15	489	264	0
	Self-pay	2,190†	8	96	49	12	21	*	*	1,416	69	34	180	100	*	65	129	0
	Unknown	90†	0	*	*	0	0	0	51	10	0	7	6	0	*	0	*	0
Hispanic or Latino	Total	33,191	40†	594	110†	150†	70†	50†	21,373	372	160†	5,270	1,550	588	410†	2,270†	0	
	AHCCCS	23,143	23	400	143	73	102	33	42	15,316	285	110	3,271	971	445	308	1,621	0
	IHS	40†	0	0	0	0	0	0	*	22	0	*	7	8	0	*	0	0
	Private Insurance	8,577	12	132	46	34	41	38	6	5,250	74	34	1,770	514	96	80	450	0
	Self-pay	1,370†	*	59	*	*	*	*	*	742	11	11	220	54	47	20	193	0
	Unknown	60†	*	*	0	0	0	0	43	*	0	*	*	0	0	0	0	0
Black or African American	Total	4,600†	0†	51	10†	10†	10†	0†	3,700†	10†	10†	525	208	0	20†	43	0†	
	AHCCCS	3,280†	0	25	9	*	*	*	2,701	7	7	364	128	0	11	18	0	
	IHS	0†	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0
	Private Insurance	1,130†	*	16	*	0	*	*	864	*	*	146	70	0	7	12	0	0
	Self-pay	170†	0	10	*	0	0	0	119	*	*	15	10	0	*	13	*	0
	Unknown	13	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0
American Indian or Alaska Native	Total	4,870†	753	10†	602	180†	110†	50†	1,381	70†	856	439	322	0†	60†	40†	0	
	AHCCCS	3,310†	618	*	465	88	33	34	922	49	730	188	115	0	44	18	0	
	IHS	810†	66	*	38	75	66	12	167	9	41	162	155	*	*	14	0	
	Private Insurance	630†	37	*	90	10	11	*	261	*	73	81	42	*	10	*	0	0
	Self-pay	100†	30	*	7	*	*	*	23	*	10	7	9	0	*	*	0	0
	Unknown	20†	*	0	*	0	0	0	8	0	*	*	*	0	0	0	0	0
Asian or Pacific Islander	Total	3,330†	0†	43	30†	10†	0†	0†	2,659	30†	10†	391	72	10†	40†	31	0	
	AHCCCS	890†	*	10	8	*	*	0	664	12	6	137	26	*	11	8	0	
	IHS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Private Insurance	2,240†	*	25	18	*	*	*	1,848	20	*	240	39	*	23	16	0	0
	Self-pay	190†	0	8	*	0	0	0	143	*	*	14	7	*	*	7	0	0
	Unknown	0†	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; The Arizona Health Care Cost Containment System (AHCCCS) is the State's Medicaid program. IHS is the Indian Health Service.

**TABLE 5B-8
BIRTHS BY MOTHER'S RACE/ETHNICITY, CHILD'S GENDER, AND COUNTY OF RESIDENCE, ARIZONA, 2017**

	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
ARIZONA	81,664	41,499	40,165	35,685	18,110	17,575	33,191	16,789	16,402	4,595	2,379	2,216	4,866	2,513	2,353	3,327	1,708	1,619
Apache	946	490	456	149	78	71	39	22	17	0†	*	0	753	386	367	0†	*	*
Cochise	1,330	668	662	633	327	306	594	294	300	51	24	27	10†	*	*	43	18	25
Coconino	1,506	776	730	671	354	317	194	100	94	12	6	6	602	303	299	27	13	14
Gila	541	297	244	247	138	109	109	59	50	0†	*	*	175	97	78	10†	*	6
Graham	530	272	258	264	138	126	147	70	77	10†	*	*	112	62	50	0†	0	*
Greenlee	156	78	78	69	34	35	73	35	38	10†	*	*	10†	*	*	0†	*	*
La Paz	194	92	102	91	39	52	50	26	24	0†	*	*	50	25	25	0†	*	0
Maricopa	52,470	26,646	25,824	23,359	11,835	11,524	21,373	10,805	10,568	3,698	1,922	1,776	1,381	724	657	2,659	1,360	1,299
Mohave	1,734	928	806	1,252	675	577	372	191	181	10†	*	*	67	39	28	33	18	15
Navajo	1,507	772	735	474	239	235	156	85	71	10†	*	*	856	437	419	10†	7	*
Pima	10,970	5,584	5,386	4,345	2,198	2,147	5,270	2,678	2,592	525	278	247	439	222	217	391	208	183
Pinal	4,384	2,153	2,231	2,232	1,086	1,146	1,550	769	781	208	101	107	322	163	159	72	34	38
Santa Cruz	633	314	319	36	17	19	588	291	297	0	0	0	0†	*	*	10†	*	*
Yavapai	1,796	928	868	1,274	649	625	409	219	190	20	10	10	57	29	28	36	21	15
Yuma	2,956	1,499	1,457	579	301	278	2,267	1,145	1,122	43	18	25	36	17	19	31	18	13
Unknown	10†	*	9	10†	*	8	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-9
NUMBER OF BIRTHS BY MOTHER'S AGE GROUP AND COUNTY OF RESIDENCE, ARIZONA, 2017**

	Total	Mother's age group									
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	Unknown
ARIZONA	81,664	40†	1,280†	3,725	18,447	24,736	20,747	10,262	2,190†	240†	3
Apache	950†	*	30	63	221	272	208	119	30	*	0
Cochise	1,330†	*	27	70	355	436	288	121	28	*	0
Coconino	1,510†	*	32	88	290	480	383	190	38	*	0
Gila	540†	*	6	45	157	174	108	38	9	*	0
Graham	530	0	15	29	171	170	87	49	9	0	0
Greenlee	160†	0	*	9	39	64	24	17	0	*	0
La Paz	190†	0	*	13	59	64	34	19	*	0	0
Maricopa	52,470	18	734	2,220	11,075	15,648	14,043	7,058	1,515	159	0
Mohave	1,734	0	26	113	508	528	367	153	33	6	0
Navajo	1,510†	*	50	96	425	447	315	142	29	*	0
Pima	10,970	8	189	466	2,499	3,364	2,797	1,340	271	36	0
Pinal	4,380†	*	70	226	1,082	1,418	975	492	110	10	0
Santa Cruz	630†	0	8	43	165	202	123	70	19	*	0
Yavapai	1,800†	0	28	98	504	554	382	182	46	*	0
Yuma	2,960†	*	61	145	896	914	610	272	53	*	0
Unknown	10†	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-10
BIRTHS BY MOTHER'S AGE GROUP, RACE/ETHNICITY, AND COUNTY OF RESIDENCE, ARIZONA, 2017

		Total	Mother's age group									
			<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	Un-known
ARIZONA	Total	81,664	40†	1,280	3,725	18,447	24,736	20,747	10,262	2,193	240†	0†
	White non-Hispanic	35,685	*	224	939	6,414	10,983	10,779	5,193	1,004	145	*
	Hispanic or Latino	33,191	21	816	2,137	9,283	9,887	6,716	3,482	795	54	0
	Black or African American	4,595	*	71	253	1,131	1,432	1,058	505	126	14	0
	American Indian or Alaska Native	4,866	8	163	348	1,334	1,505	937	459	110	*	0
	Asian or Pacific Islander	3,327	*	6	48	285	929	1,257	623	158	20	0
Apache	Total	950†	0†	30†	60†	221	270†	210†	120†	30†	0†	0
	White non-Hispanic	150†	0	*	10	32	40	33	24	*	*	0
	Hispanic or Latino	40†	0	0	*	16	8	8	*	*	0	0
	Black or African American	0†	0	0	0	0	0	*	0	0	0	0
	American Indian or Alaska Native	750†	*	25	50	173	223	163	92	25	*	0
	Asian or Pacific Islander	0†	0	0	0	0	*	*	0	0	0	0
Cochise	Total	1,330†	0†	30†	70†	360†	440†	290†	120†	30†	0†	0
	White non-Hispanic	630†	0	*	22	147	220	156	66	17	*	0
	Hispanic or Latino	590†	*	24	47	182	182	103	46	8	*	0
	Black or African American	50†	0	0	*	18	15	12	*	*	0	0
	American Indian or Alaska Native	10†	0	0	0	*	*	*	0	0	0	0
	Asian or Pacific Islander	40†	0	0	0	*	15	15	*	*	*	0
Coconino	Total	1,510†	0†	30†	90†	290†	480†	383	190†	40†	0†	0
	White non-Hispanic	670†	0	*	22	108	214	187	109	23	*	0
	Hispanic or Latino	190†	0	*	17	37	72	47	18	*	0	0
	Black or African American	10†	0	0	*	*	*	0	*	0	0	0
	American Indian or Alaska Native	600†	*	25	45	140	179	140	57	14	*	0
	Asian or Pacific Islander	30†	0	0	*	*	10	9	*	0	0	0
Gila	Total	540†	0†	10†	45	160†	170†	110†	40†	10†	0†	0
	White non-Hispanic	250†	0	*	16	61	92	56	17	*	*	0
	Hispanic or Latino	110†	0	*	10	40	24	23	10	0	0	0
	Black or African American	0†	0	0	0	0	*	*	0	0	0	0
	American Indian or Alaska Native	180†	*	*	19	55	56	23	10	6	0	0
	Asian or Pacific Islander	10†	0	0	0	*	0	*	*	0	0	0
Graham	Total	530†	0	20†	30†	170†	170†	90†	49	10†	0	0
	White non-Hispanic	260†	0	*	11	83	78	57	28	6	0	0
	Hispanic or Latino	150†	0	8	14	48	51	15	10	*	0	0
	Black or African American	10†	0	0	0	*	*	*	0	0	0	0
	American Indian or Alaska Native	110†	0	6	*	37	39	13	11	*	0	0
	Asian or Pacific Islander	0†	0	0	0	0	*	*	0	0	0	0
Greenlee	Total	160†	0	0†	10†	40†	60†	20†	20†	0	0†	0
	White non-Hispanic	70†	0	*	6	14	30	12	*	0	*	0
	Hispanic or Latino	70†	0	*	*	22	29	9	9	0	0	0
	Black or African American	10†	0	0	0	*	0	*	*	0	0	0
	American Indian or Alaska Native	10†	0	0	0	*	*	0	0	0	0	0
	Asian or Pacific Islander	0†	0	0	0	0	*	0	*	0	0	0
La Paz	Total	190†	0	0†	10†	59	60†	30†	20†	0†	0	0
	White non-Hispanic	90†	0	*	*	29	26	21	8	0	0	0
	Hispanic or Latino	50†	0	0	*	16	22	*	*	0	0	0
	Black or African American	0†	0	0	0	0	*	0	*	0	0	0
	American Indian or Alaska Native	50†	0	0	*	14	14	8	8	*	0	0
	Asian or Pacific Islander	0†	0	0	0	0	*	0	0	0	0	0
Maricopa	Total	52,470	20†	730†	2,220	11,075	15,648	14,043	7,058	1,515	159	0
	White non-Hispanic	23,359	0	121	483	3,718	7,097	7,528	3,636	684	92	0
	Hispanic or Latino	21,373	12	514	1,415	5,870	6,203	4,377	2,368	574	40	0
	Black or African American	3,700†	*	60	203	899	1,173	841	410	98	10	0
	American Indian or Alaska Native	1,380†	*	34	85	398	435	260	137	31	0	0
	Asian or Pacific Islander	2,660†	*	*	34	190	740	1,037	507	128	17	0

TABLE 5B-10 (continued)
BIRTHS BY MOTHER'S AGE GROUP, RACE/ETHNICITY, AND COUNTY OF RESIDENCE, ARIZONA, 2017

		Total	Mother's age group									
			<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	Un-known
Mohave	Total	1,734	0	30†	110†	510†	530†	370†	150†	30†	10†	0
	White non-Hispanic	1,250†	0	15	76	364	385	271	113	23	*	0
	Hispanic or Latino	370†	0	8	31	114	109	69	31	9	*	0
	Black or African American	10†	0	0	*	*	*	*	0	*	0	0
	American Indian or Alaska Native	70†	0	*	*	24	22	10	*	0	0	0
	Asian or Pacific Islander	30†	0	0	*	*	9	14	*	0	0	0
Navajo	Total	1,510†	0†	50†	100†	430†	450†	320†	140†	30†	0†	0
	White non-Hispanic	470†	0	6	16	128	135	119	58	11	*	0
	Hispanic or Latino	160†	*	7	9	48	52	28	9	*	0	0
	Black or African American	10†	0	*	*	*	*	*	*	0	0	0
	American Indian or Alaska Native	860†	*	36	70	245	257	160	71	16	0	0
	Asian or Pacific Islander	10†	0	0	0	*	*	6	*	0	0	0
Pima	Total	10,970	10†	190†	466	2,499	3,364	2,797	1,340	271	40†	0
	White non-Hispanic	4,345	0	29	109	746	1,315	1,358	639	121	28	0
	Hispanic or Latino	5,270†	6	137	283	1,437	1,655	1,097	548	103	*	0
	Black or African American	530†	*	8	32	131	148	122	61	20	*	0
	American Indian or Alaska Native	440†	*	14	34	123	133	96	31	7	0	0
	Asian or Pacific Islander	390†	0	*	8	62	113	124	61	20	*	0
Pinal	Total	4,380†	0†	70†	226	1,082	1,418	975	492	110†	10†	0
	White non-Hispanic	2,230†	*	14	83	486	756	543	277	66	6	0
	Hispanic or Latino	1,550†	0	39	105	442	480	308	144	30	*	0
	Black or African American	210†	0	*	11	47	63	56	22	6	*	0
	American Indian or Alaska Native	320†	0	16	27	99	100	44	31	*	0	0
	Asian or Pacific Islander	70†	0	0	0	8	19	24	18	*	0	0
Santa Cruz	Total	630†	0	8	40†	170†	200†	123	70†	20†	0†	0
	White non-Hispanic	40†	0	0	*	*	8	13	*	*	0	0
	Hispanic or Latino	590†	0	8	40	159	191	110	60	17	*	0
	Black or African American	0	0	0	0	0	0	0	0	0	0	0
	American Indian or Alaska Native	0†	0	0	0	0	*	0	*	0	0	0
	Asian or Pacific Islander	10†	0	0	0	*	*	0	*	0	0	0
Yavapai	Total	1,800†	0	28	100†	504	550†	382	180†	50†	0†	0
	White non-Hispanic	1,270†	0	17	61	343	410	281	131	29	*	0
	Hispanic or Latino	409	0	11	31	135	109	71	38	14	0	0
	Black or African American	20†	0	0	*	6	*	9	0	0	0	0
	American Indian or Alaska Native	60†	0	0	*	14	23	11	*	0	0	0
	Asian or Pacific Islander	40†	0	0	0	6	8	10	9	*	0	0
Yuma	Total	2,960†	0†	60†	150†	900†	914	610	270†	50†	0†	0
	White non-Hispanic	580†	0	*	15	149	176	142	77	15	*	0
	Hispanic or Latino	2,270†	*	55	124	717	700	446	186	35	*	0
	Black or African American	40†	0	*	*	18	15	6	*	0	0	0
	American Indian or Alaska Native	40†	0	*	*	8	15	7	*	*	0	0
	Asian or Pacific Islander	30†	0	0	*	*	8	9	7	*	0	0
Unknown	Total	10†	0	0	0†	0†	0†	0†	0	0	0†	0†
	White non-Hispanic	10†	0	0	*	*	*	*	0	0	*	*
	Hispanic or Latino	0	0	0	0	0	0	0	0	0	0	0
	Black or African American	0†	0	0	0	0	0	*	0	0	0	0
	American Indian or Alaska Native	0	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

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, 2017**

	Total		No care		1st trimester		2nd trimester		3rd trimester		Unknown	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
ARIZONA	81,664	100.0	2,340†	2.9	55,762	68.3	14,564	17.8	4,639	5.7	4,360†	0.2
Apache	946	100.0	17	1.8	659	69.7	170	18.0	74	7.8	26	2.7
Cochise	1,330	100.0	82	6.2	684	51.4	379	28.5	146	11.0	39	2.9
Coconino	1,506	100.0	38	2.5	1,093	72.6	262	17.4	70	4.6	43	2.9
Gila	541	100.0	15	2.8	303	56.0	140	25.9	52	9.6	31	5.7
Graham	530	100.0	21	4.0	355	67.0	98	18.5	50	9.4	6	1.1
Greenlee	156	100.0	*	**	106	67.9	31	19.9	16	10.3	0	0.0
La Paz	194	100.0	6	3.1	88	45.4	30	15.5	14	7.2	56	28.9
Maricopa	52,470	100.0	1,088	2.1	36,430	69.4	8,900	17.0	2,553	4.9	3,499	6.7
Mohave	1,734	100.0	26	1.5	1,146	66.1	327	18.9	109	6.3	126	7.3
Navajo	1,507	100.0	24	1.6	1,003	66.6	354	23.5	91	6.0	35	2.3
Pima	10,970	100.0	711	6.5	7,351	67.0	2,060	18.8	774	7.1	74	0.7
Pinal	4,384	100.0	59	1.3	3,028	69.1	749	17.1	199	4.5	349	8.0
Santa Cruz	633	100.0	86	13.6	306	48.3	140	22.1	96	15.2	*	**
Yavapai	1,796	100.0	24	1.3	1,366	76.1	302	16.8	73	4.1	31	1.7
Yuma	2,956	100.0	143	4.8	1,841	62.3	620	21.0	319	10.8	33	1.1
Unknown	11	100.0	*	**	*	**	*	**	*	**	*	**

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-12
BIRTHS BY NUMBER OF PRENATAL VISITS AND COUNTY OF RESIDENCE, ARIZONA, 2017**

	Total		Number of prenatal visits												Unknown	
			No visits		1-4 visits		5-8 visits		9-12 visits		13+ visits					
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
ARIZONA	81,664	100.0	2,340†	2.9	3,786	4.6	12,417	15.2	36,247	44.4	25,517	31.2	1,350†	1.7		
Apache	946	100.0	17	1.8	85	9.0	177	18.7	435	46.0	224	23.7	8	0.8		
Cochise	1,330	100.0	82	6.2	124	9.3	315	23.7	532	40.0	252	18.9	25	1.9		
Coconino	1,506	100.0	38	2.5	82	5.4	276	18.3	626	41.6	465	30.9	19	1.3		
Gila	541	100.0	15	2.8	49	9.1	130	24.0	211	39.0	123	22.7	13	2.4		
Graham	530	100.0	21	4.0	60	11.3	154	29.1	199	37.5	96	18.1	0	0.0		
Greenlee	156	100.0	*	**	18	11.5	43	27.6	54	34.6	38	24.4	0	0.0		
La Paz	194	100.0	6	3.1	12	6.2	50	25.8	76	39.2	48	24.7	*	**		
Maricopa	52,470	100.0	1,088	2.1	1,849	3.5	7,225	13.8	24,224	46.2	17,057	32.5	1,027	2.0		
Mohave	1,734	100.0	26	1.5	95	5.5	306	17.6	734	42.3	557	32.1	16	0.9		
Navajo	1,507	100.0	24	1.6	120	8.0	330	21.9	689	45.7	332	22.0	12	0.8		
Pima	10,970	100.0	711	6.5	749	6.8	2,025	18.5	4,469	40.7	2,974	27.1	42	0.4		
Pinal	4,384	100.0	59	1.3	147	3.4	485	11.1	1,918	43.8	1,620	37.0	155	3.5		
Santa Cruz	633	100.0	86	13.6	106	16.7	187	29.5	188	29.7	62	9.8	*	**		
Yavapai	1,796	100.0	24	1.3	50	2.8	210	11.7	627	34.9	873	48.6	12	0.7		
Yuma	2,956	100.0	143	4.8	237	8.0	503	17.0	1,260	42.6	796	26.9	17	0.6		
Unknown	11	100.0	*	**	*	**	*	**	*	**	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, 2017

	Total	Mother's education							
		8th Grade or less	Some High School	High School/GED	Some College	Associate Degree	Bachelor's Degree	Postgraduate Education	Unknown
ARIZONA	81,664	2,500†	11,458	21,374	19,132	6,746	13,000	6,730†	720†
Apache	946	*	159	292	298	105	62	24	*
Cochise	1,330	29	176	369	366	134	170	79	7
Coconino	1,506	23	181	397	369	131	252	144	9
Gila	541	6	112	206	133	37	21	14	12
Graham	530	7	86	147	152	78	45	13	*
Greenlee	156	*	25	58	38	11	14	9	0
La Paz	194	*	48	76	43	7	8	*	*
Maricopa	52,470	1,802	6,975	12,916	11,635	4,133	9,445	5,016	548
Mohave	1,734	46	323	611	453	132	98	49	22
Navajo	1,507	18	299	505	436	115	100	29	*
Pima	10,970	262	1,501	2,866	2,601	954	1,776	956	54
Pinal	4,384	75	663	1,294	1,291	405	476	160	20
Santa Cruz	633	35	119	204	121	58	70	25	*
Yavapai	1,796	37	250	568	476	156	200	92	17
Yuma	2,956	149	541	864	720	289	262	120	11
Unknown	11	*	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-14
BIRTHS TO UNWED MOTHERS BY AGE GROUP AND COUNTY OF RESIDENCE, ARIZONA, 2017

	Total	Mother's age group							
		<15	15-19	20-24	25-29	30-34	35-39	40-44	45+
ARIZONA	36,298	40†	4,469	12,243	10,366	5,790†	2,720†	640†	40†
Apache	656	*	86	177	189	123	61	18	0
Cochise	587	*	85	224	161	76	33	7	2
Coconino	746	*	112	208	230	127	58	9	2
Gila	322	*	45	111	97	47	14	*	0
Graham	250	0	39	98	66	27	16	*	0
Greenlee	61	0	9	24	18	*	*	0	0
La Paz	129	0	12	48	36	18	13	*	0
Maricopa	22,229	18	2,641	7,344	6,314	3,687	1,792	412	26
Mohave	967	0	129	351	276	149	48	14	0
Navajo	907	*	136	323	256	128	49	13	1
Pima	5,017	8	589	1,687	1,482	792	362	89	3
Pinal	2,021	*	264	729	573	290	129	34	2
Santa Cruz	332	0	46	117	100	45	18	*	0
Yavapai	781	0	105	291	210	106	53	15	0
Yuma	1,288	*	170	510	358	165	68	13	*
Unknown	5	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, 2017**

	Total	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
ARIZONA	36,298	10,958	18,280	2,780†	3,790†	490†	1,330†	8,307	12,739	8,990	2,280†	1,800†	600†	270†
Apache	656	49	18	0	589	0	*	137	226	201	61	21	6	*
Cochise	587	194	351	25	6	11	17	125	225	149	38	24	6	*
Coconino	746	184	92	6	463	*	11	149	294	201	46	32	11	*
Gila	322	118	70	*	132	*	6	90	138	59	18	7	*	*
Graham	250	67	84	*	93	*	6	68	100	56	15	*	*	*
Greenlee	61	17	39	*	*	*	*	16	24	16	*	*	*	0
La Paz	129	55	30	0	44	0	*	37	53	27	*	0	*	*
Maricopa	22,229	6,615	11,894	2,308	1,068	344	931	4,980	7,584	5,443	1,403	1,241	427	220
Mohave	967	669	229	6	54	9	28	229	374	252	49	22	*	8
Navajo	907	156	85	*	659	*	13	234	345	237	45	26	*	*
Pima	5,017	1,371	2,934	269	364	79	140	1,146	1,756	1,264	351	266	84	10
Pinal	2,021	784	828	128	255	26	55	503	743	525	104	64	25	*
Santa Cruz	332	14	317	0	*	0	20	87	120	58	20	20	7	0
Yavapai	781	513	214	10	36	8	16	166	306	206	47	28	10	*
Yuma	1,288	148	1,095	19	23	*	76	340	450	296	76	40	*	*
Unknown	5	*	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, 2007-2017

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA^a	7,285	7,026	6,573	6,155	5,949	5,946	5,849	6,069	6,093	6,186	6,109
Apache	69	89	91	75	67	60	53	66	53	79	73
Cochise	140	141	152	142	135	123	122	129	133	130	105
Coconino	158	155	154	131	144	140	117	123	143	128	136
Gila	61	72	55	59	49	35	49	44	66	49	59
Graham	48	62	46	27	41	40	47	43	42	48	41
Greenlee	13	9	7	10	6	6	7	7	8	8	16
La Paz	21	16	9	*	12	13	14	16	12	14	7
Maricopa	4,662	4,370	4,113	3,851	3,720	3,731	3,707	3,854	3,896	3,965	3,956
Mohave	180	141	136	141	100	104	111	114	140	128	126
Navajo	152	160	148	154	143	136	131	134	128	130	146
Pima	978	1,024	895	853	841	842	845	860	788	803	794
Pinal	346	358	352	330	319	333	298	339	322	292	311
Santa Cruz	49	61	73	58	48	51	46	38	41	58	41
Yavapai	189	146	154	115	139	142	139	121	125	144	134
Yuma	219	222	188	204	185	190	163	179	193	210	163

Notes: * Cell suppressed due to non-zero count less than 6; ^a Includes records with unknown county of residence.

TABLE 5B-17
LOW-BIRTHWEIGHT BIRTH RATIOS^a IN THE URBAN AND RURAL COUNTIES OF ARIZONA,
2007-2017

County of residence	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA	70.9	70.8	71.0	70.7	69.8	69.4	68.8	70.0	71.7	73.3	74.8
URBAN COUNTIES	70.3	70.1	70.2	70.2	69.3	68.7	68.2	70.1	70.7	72.3	73.8
Maricopa	70.7	69.7	71.3	71.0	69.7	68.5	68.8	69.7	71.4	73.4	75.4
Pima	65.5	75.8	66.3	70.1	70.8	70.9	70.6	75.5	68.7	70.4	72.4
Pinal^b	70.9	62.5	70.0	66.1	69.2	71.5	65.3	72.6	72.3	65.3	70.9
Yuma	67.3	66.0	58.1	63.2	57.8	60.9	52.3	58.5	64.0	69.9	55.1
RURAL COUNTIES	74.9	75.4	75.5	73.8	72.8	73.3	72.9	69.8	77.7	79.6	81.3
Apache	60.1	70.8	73.3	68.2	62.6	64.5	55.7	64.8	55.6	77.3	77.2
Cochise	75.3	73.5	82.3	79.7	81.1	72.2	75.9	78.5	84.9	84.9	78.9
Coconino	74.1	79.2	81.3	73.8	81.3	82.9	72.0	72.3	90.8	79.3	90.3
Gila	87.9	78.1	78.1	88.1	79.0	57.5	83.1	67.8	113.8	82.6	109.1
Graham	82.5	103.3	71.3	50.9	67.7	76.2	78.3	71.3	72.4	86.0	77.4
Greenlee	94.2	96.3	53.8	95.2	50.4	52.6	56.0	48.6	51.9	53.7	102.6
La Paz	91.3	65.0	51.7	25.0	69.8	63.7	68.6	75.1	60.3	62.8	36.1
Mohave	73.8	61.3	61.3	69.7	51.0	59.9	63.7	62.2	75.9	71.0	72.7
Navajo	75.5	82.3	78.2	88.7	87.1	83.3	84.4	83.3	84.4	86.8	96.9
Santa Cruz	64.0	76.6	95.9	83.7	69.2	76.0	70.7	63.4	66.0	90.3	64.8
Yavapai	78.4	65.9	74.7	63.3	76.0	79.7	76.4	62.3	66.6	77.1	74.6

Notes: ^a Per 1,000 live births; ^b 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, 2017

	Total	Mother's race/ethnicity				
		White non Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
ARIZONA	6,109	2,510†	2,340†	570†	380†	320†
Apache	73	14	*	0	57	0
Cochise	105	60	32	*	0	8
Coconino	136	65	18	*	47	*
Gila	59	28	13	0	18	0
Graham	41	18	18	0	*	0
Greenlee	16	*	12	0	0	0
La Paz	7	*	*	0	*	0
Maricopa	3,956	1,611	1,524	464	98	259
Mohave	126	80	35	0	7	*
Navajo	146	36	16	0	93	*
Pima	794	304	369	71	22	28
Pinal	311	150	107	27	19	8
Santa Cruz	41	*	35	0	0	*
Yavapai	134	91	34	*	7	0
Yuma	163	37	122	*	*	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, 2017

	Total	Mother's age group							
		<15	15-19	20-24	25-29	30-34	35-39	40-44	45+
ARIZONA	6,109	0†	430†	1,270†	1,770†	1,480†	850†	250†	50†
Apache	73	0	7	16	20	10	13	7	0
Cochise	105	0	10	31	29	19	11	*	*
Coconino	136	0	*	21	46	38	22	*	*
Gila	59	*	*	14	22	12	*	*	0
Graham	41	0	6	11	13	6	*	*	0
Greenlee	16	0	*	*	*	*	*	0	0
La Paz	7	0	*	*	*	*	0	*	0
Maricopa	3,956	0	271	773	1,126	993	576	177	40
Mohave	126	0	*	37	43	26	12	*	*
Navajo	146	0	17	40	38	29	20	*	0
Pima	794	0	60	170	242	202	92	26	*
Pinal	311	0	17	71	92	71	42	18	0
Santa Cruz	41	0	*	6	16	6	8	0	*
Yavapai	134	0	15	32	39	22	21	*	0
Yuma	163	0	11	45	43	37	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-20
TOTAL BIRTHS AND LOW-BIRTHWEIGHT BIRTHS BY THE PARTY PAYING FOR THE DELIVERY AND COUNTY OF RESIDENCE,
ARIZONA, 2017**

TOTAL	ALL GROUPS	Weight at birth	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
		<2,500 g	6,109	73	105	136	59	41	16	7	3,956	126	146	794	311	41	134	163	*
		2,500+ g	75,512	870	1,223	1,368	480	489	140	187	48,496	1,607	1,361	10,168	4,068	592	1,661	2,792	10
		Unknown	40†	*	*	*	*	0	0	0	18	*	0	8	*	0	*	*	0
Payer for birth	AHCCCS ^a	Total	81,664	946	1,330	1,506	541	530	156	194	52,470	1,734	1,507	10,970	4,384	633	1,796	2,956	10†
		<2,500 g	3,520†	52	59	73	39	22	6	*	2,242	85	113	436	162	30	92	106	*
		2,500+ g	39,828	655	628	794	280	233	50	134	24,815	1,096	976	4,991	1,990	437	998	1,743	8
		Unknown	20†	*	0	*	*	0	0	0	8	0	0	*	*	0	0	*	0
	IHS	Total	43,366	708	687	868	320	255	56	140†	27,065	1,181	1,089	5,429	2,153	467	1,090	1,850	10†
		<2,500 g	60†	8	0	*	*	*	0	*	14	0	7	11	10	0	*	*	0
		2,500+ g	850†	58	*	35	72	63	*	18	204	10	38	163	160	*	*	16	0
		Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Private insurance	Total	910†	66	0†	40†	80†	70†	0†	20†	218	10	45	174	170	0†	10†	20†	0
		<2,500 g	2,270†	9	37	54	13	14	10	*	1,554	33	21	320	129	8	37	34	0
		2,500+ g	30,917	119	425	477	115	168	85	28	21,069	412	291	4,598	1,742	106	572	710	0
		Unknown	10†	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0
	Self-pay	Total	33,196	128	462	531	128	182	95	30†	22,625	445	312	4,921	1,871	114	609	744	0
		<2,500 g	230†	*	7	*	*	*	0	0	134	7	*	26	10	*	*	21	0
		2,500+ g	3,780†	36	166	57	11	25	*	7	2,302	79	54	409	168	48	85	323	*
		Unknown	10†	0	*	0	0	0	0	0	7	0	0	*	*	0	*	0	0
	Unknown	Total	4,020†	40†	174	60†	20†	30†	0†	7	2,443	86	60†	436	180	50†	90†	344	0†
		<2,500 g	20†	0	*	*	0	0	0	0	12	*	0	*	0	0	0	0	0
		2,500+ g	150†	*	*	*	*	0	0	0	106	10	*	7	8	0	*	0	*
		Unknown	10†	*	*	*	*	0	0	0	*	*	0	*	*	0	0	0	0
		Total	180†	0†	10†	10†	0†	0	0	0	119	10†	0†	10†	10	0	0†	0	0†

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; ^a The Arizona Health Care Containment System (AHCCCS) is the State's Medicaid Program.

TABLE 5B-21 (CORRECTION)
DISTRIBUTION OF LOW-BIRTHWEIGHT (LBW) BIRTHS AND LBW RISK BY
NUMBER OF PRENATAL VISITS AND COUNTY OF RESIDENCE, ARIZONA, 2017

			Prenatal visits						Total
			No visits	1-4 visits	5-8 visits	9-12 visits	13+ visits	Unknown	
Apache	Births <2,500 grams (LBW)	Count	*	11	21	21	11	*	70†
		Share of LBW births ^a	6.8%	15.1%	28.8%	28.8%	15.1%	5.5%	100.0%
		LBW risk ^b	29.4%	12.9%	11.9%	4.8%	4.9%	50.0%	7.7%
	Total births	Count	17	85	177	435	224	8	946
Cochise	Births <2,500 grams (LBW)	Count	11	21	37	24	9	*	105
		Share of LBW births ^a	10.5%	20.0%	35.2%	22.9%	8.6%	2.9%	100.0%
		LBW risk ^b	13.4%	16.9%	11.7%	4.5%	3.6%	12.0%	7.9%
	Total births	Count	82	124	315	532	252	25	1,330
Coconino	Births <2,500 grams (LBW)	Count	*	9	49	37	36	*	2,460†
		Share of LBW births ^a	0.1%	0.4%	2.0%	1.5%	1.5%	0.1%	100.0%
		LBW risk ^b	7.9%	11.0%	17.8%	5.9%	7.7%	10.5%	163.1%
	Total births	Count	38	82	276	626	465	19	1,506
Gila	Births <2,500 grams (LBW)	Count	*	8	21	12	9	*	60†
		Share of LBW births ^a	8.5%	13.6%	35.6%	20.3%	15.3%	6.8%	100.0%
		LBW risk ^b	33.3%	16.3%	16.2%	5.7%	7.3%	30.8%	10.9%
	Total births	Count	15	49	130	211	123	13	541
Graham	Births <2,500 grams (LBW)	Count	*	*	21	12	*	0	40†
		Share of LBW births ^a	4.9%	4.9%	51.2%	29.3%	9.8%	0.0%	100.0%
		LBW risk ^b	9.5%	3.3%	13.6%	6.0%	4.2%	0.0%	7.7%
	Total births	Count	21	60	154	199	96	0	530
Greenlee	Births <2,500 grams (LBW)	Count	0	*	*	*	*	0	20†
		Share of LBW births ^a	0.0%	18.8%	31.3%	31.3%	18.8%	0.0%	100.0%
		LBW risk ^b	0.0%	16.7%	11.6%	9.3%	7.9%	0.0%	10.3%
	Total births	Count	*	18	43	54	38	0	160†
La Paz	Births <2,500 grams (LBW)	Count	0	0	*	*	*	0	10†
		Share of LBW births ^a	0.0%	0.0%	42.9%	42.9%	14.3%	0.0%	100.0%
		LBW risk ^b	0.0%	0.0%	6.0%	3.9%	2.1%	0.0%	3.6%
	Total births	Count	6	12	50	76	48	*	194
Maricopa	Births <2,500 grams (LBW)	Count	153	311	967	1,485	920	120	3,956
		Share of LBW births ^a	3.9%	7.9%	24.4%	37.5%	23.3%	3.0%	100.0%
		LBW risk ^b	14.1%	16.8%	13.4%	6.1%	5.4%	11.7%	7.5%
	Total births	Count	1,088	1,849	7,225	24,224	17,057	1,027	52,470
Mohave	Births <2,500 grams (LBW)	Count	6	23	21	43	30	*	126
		Share of LBW births ^a	4.8%	18.3%	16.7%	34.1%	23.8%	2.4%	100.0%
		LBW risk ^b	23.1%	24.2%	6.9%	5.9%	5.4%	18.8%	7.3%
	Total births	Count	26	95	306	734	557	16	1,734
Navajo	Births <2,500 grams (LBW)	Count	14	18	44	45	22	*	146
		Share of LBW births ^a	9.6%	12.3%	30.1%	30.8%	15.1%	2.1%	100.0%
		LBW risk ^b	58.3%	15.0%	13.3%	6.5%	6.6%	25.0%	9.7%
	Total births	Count	24	120	330	689	332	12	1,507
Pima	Births <2,500 grams (LBW)	Count	105	102	257	231	94	*	794
		Share of LBW births ^a	13.2%	12.8%	32.4%	29.1%	11.8%	0.6%	100.0%
		LBW risk ^b	14.8%	13.6%	12.7%	5.2%	3.2%	11.9%	7.2%
	Total births	Count	711	749	2,025	4,469	2,974	42	10,970
Pinal	Births <2,500 grams (LBW)	Count	12	22	56	104	108	9	311
		Share of LBW births ^a	3.9%	7.1%	18.0%	33.4%	34.7%	2.9%	100.0%
		LBW risk ^b	20.3%	15.0%	11.5%	5.4%	6.7%	5.8%	7.1%
	Total births	Count	59	147	485	1,918	1,620	155	4,384
Santa Cruz	Births <2,500 grams (LBW)	Count	13	9	14	*	0	0	40†
		Share of LBW births ^a	31.7%	22.0%	34.1%	12.2%	0.0%	0.0%	100.0%
		LBW risk ^b	15.1%	8.5%	7.5%	2.7%	0.0%	0.0%	6.5%
	Total births	Count	86	106	187	188	62	*	633
Yavapai	Births <2,500 grams (LBW)	Count	*	12	30	42	41	*	130†
		Share of LBW births ^a	3.7%	9.0%	22.4%	31.3%	30.6%	3.0%	100.0%
		LBW risk ^b	20.8%	24.0%	14.3%	6.7%	4.7%	33.3%	7.5%
	Total births	Count	24	50	210	627	873	12	1,796
Yuma	Births <2,500 grams (LBW)	Count	9	22	57	55	15	*	163
		Share of LBW births ^a	5.5%	13.5%	35.0%	33.7%	9.2%	3.1%	100.0%
		LBW risk ^b	6.3%	9.3%	11.3%	4.4%	1.9%	29.4%	5.5%
	Total births	Count	143	237	503	1,260	796	17	2,956
Unknown	Births <2,500 grams (LBW)	Count	0	*	0	0	0	0	0†
		Share of LBW births ^a	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%
		LBW risk ^b	0.0%	33.3%	0.0%	0.0%	0.0%	0.0%	9.1%
	Total births	Count	*	*	*	*	0	*	10†

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 Percent distribution of LBW births by number of prenatal visits; ^b Number of LBW births per 100 births in specified prenatal care group.

TABLE 5B-22
AVERAGE NUMBER^a OF PRENATAL VISITS DURING PREGNANCY ACCORDING TO SELECTED CHARACTERISTICS OF NEWBORNS AND MOTHERS GIVING BIRTH BY COUNTY OF RESIDENCE, ARIZONA, 2017

	Marital status			Payer for births				Mother's race/ethnicity					Length of gestation				Weight at birth			Newborn intensive care			
	Married	Unmarried	Unknown	AHCCCS ^b	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	
Total	11.2	11.7	10.6	9.8	10.6	8.6	12.1	10.9	10.7	11.8	10.8	10.8	9.6	11.6	9.9	11.3	12.2	10.4	10.0	11.3	10.7	11.3	10.5
ARIZONA																							
Apache	10.1	10.8	9.9	8.3	10.2	9.5	10.5	9.6	11.0	10.3	9.7	10.0	10.1	10.8	8.6	10.3	0.0	0.0	8.6	10.3	8.5	10.2	8.6
Cochise	9.9	10.2	9.3	10.8	9.5	4.5	10.6	9.1	12.0	10.1	9.6	10.2	8.4	10.0	7.3	10.1	8.5	9.0	7.5	10.0	0.0	10.0	8.2
Coconino	11.0	11.9	10.2	8.8	10.4	10.2	12.1	10.9	9.8	11.6	11.1	10.5	10.4	10.8	10.1	11.1	13.5	0.0	10.1	11.1	6.0	11.1	10.3
Gila	9.9	10.6	9.5	5.0	9.9	6.8	11.5	8.8	10.0	11.1	10.4	9.7	7.7	9.0	8.9	9.9	19.0	0.0	8.7	10.0	0.0	9.8	10.2
Graham	9.3	9.9	8.6	10.0	9.4	5.9	9.9	10.2	0.0	10.2	9.6	7.6	6.4	9.0	8.3	9.4	15.3	0.0	8.1	9.4	0.0	9.4	6.7
Greenlee	9.9	10.3	9.3	12.0	9.8	3.0	10.2	7.3	0.0	10.4	10.2	7.0	5.0	6.5	9.3	10.0	0.0	0.0	9.5	10.0	0.0	9.8	11.9
La Paz	10.3	11.8	9.7	9.9	9.8	10.3	12.7	9.3	0.0	10.8	10.1	11.5	9.3	13.0	9.7	10.3	0.0	0.0	9.6	10.3	0.0	10.3	10.7
Maricopa	11.5	11.9	10.8	9.8	10.8	9.0	12.2	11.3	10.7	11.9	11.1	10.8	9.8	11.9	10.2	11.6	12.4	10.2	10.4	11.5	12.9	11.5	10.9
Mohave	10.9	11.6	10.5	9.8	10.5	8.8	12.2	10.5	10.3	11.2	10.4	8.9	8.3	11.0	9.7	11.1	6.7	7.0	9.9	11.0	0.0	11.0	9.9
Navajo	10.0	10.7	9.6	9.6	9.8	9.0	11.1	9.4	7.0	10.9	10.8	11.1	9.4	11.2	8.9	10.2	9.0	7.5	9.0	10.1	0.0	10.0	10.3
Pima	10.6	11.2	10.0	9.6	10.1	8.4	11.4	9.7	9.0	11.3	10.3	10.0	8.9	10.4	8.6	10.8	10.8	9.3	8.6	10.8	8.8	10.8	9.3
Pinal	12.0	12.6	11.3	9.7	11.4	8.8	12.9	11.5	14.3	12.5	11.7	12.0	9.9	10.9	11.3	12.0	16.0	24.0	11.6	12.0	11.3	12.0	11.5
Santa Cruz	8.0	8.3	7.8	8.0	7.8	5.0	9.2	7.2	0.0	9.4	8.0	0.0	5.5	6.2	6.5	8.1	4.0	0.0	5.9	8.2	0.0	8.1	7.6
Yavapai	11.9	12.4	11.3	10.7	11.5	11.0	12.7	11.9	12.0	12.1	11.4	11.2	11.1	12.4	10.6	12.0	11.1	15.0	10.5	12.0	0.0	11.9	11.4
Yuma	10.4	10.8	9.9	10.4	10.1	9.6	11.5	10.0	0.0	11.4	10.2	11.0	9.6	10.2	8.8	10.6	0.0	1.0	8.5	10.6	0.0	10.6	8.7
Unknown	6.9	0.0	6.6	7.3	6.0	0.0	0.0	10.0	10.0	6.5	0.0	10.0	0.0	0.0	0.0	6.9	0.0	0.0	1.0	7.6	0.0	7.4	5.0

Notes: ^a 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; ^b 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, 2017**

	Total				Gestational age							
	Total	Gestational age			Total	Preterm, <37 weeks			Total	37 weeks or more		
		Preterm, <37 weeks	37 weeks or more	Un-known		<2,500 grams	2,500+ grams	Un-known		<2,500 grams	2,500+ grams	Un-known
ARIZONA	81,664	7,559	73,947	160†	7,559	4,140†	3,414	10†	73,947	1,950†	71,982	20†
Apache	946	94	852	0	94	48	46	0	852	25	824	*
Cochise	1,330	115	1,213	*	115	73	41	*	1,213	32	1,181	0
Coconino	1,506	166	1,338	*	166	89	77	0	1,338	47	1,290	*
Gila	541	59	479	*	59	36	23	0	479	23	456	0
Graham	530	66	463	*	66	31	35	0	463	10	453	0
Greenlee	156	18	138	0	18	11	7	0	138	*	133	0
La Paz	194	15	178	*	15	*	10	0	178	*	176	0
Maricopa	52,470	4,923	47,439	108	4,923	2,682	2,238	*	47,439	1,257	46,174	8
Mohave	1,734	148	1,582	*	148	80	68	0	1,582	45	1,537	0
Navajo	1,507	156	1,344	7	156	101	55	0	1,344	44	1,300	0
Pima	10,970	926	10,031	13	926	512	413	*	10,031	279	9,749	*
Pinal	4,384	423	3,954	7	423	223	199	*	3,954	88	3,864	*
Santa Cruz	633	51	582	0	51	30	21	0	582	11	571	0
Yavapai	1,796	152	1,640	*	152	96	56	0	1,640	38	1,601	*
Yuma	2,956	246	2,704	6	246	122	124	0	2,704	40	2,664	0
Unknown	11	*	10	0	0†	0	*	0	10	*	9	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, 2017

	Total	Gestational age			Weight at birth		
		Preterm, <37 weeks	Not Preterm	Unknown	<2,500 grams	2,500+ grams	Unknown
ARIZONA	5,763	3,040†	2,710†	10†	2,510†	3,250†	0†
Apache	54	36	18	0	28	25	*
Cochise	100	62	38	0	56	44	0
Coconino	55	32	23	0	30	25	0
Gila	38	24	14	0	21	17	0
Graham	33	24	9	0	19	14	0
Greenlee	10†	*	*	0	*	*	0
La Paz	10†	*	*	0	*	*	0
Maricopa	3,620	1,868	1,748	*	1,531	2,087	*
Mohave	100	57	43	0	51	49	0
Navajo	122	73	48	*	63	59	0
Pima	916	435	480	*	373	542	*
Pinal	359	201	157	*	155	204	0
Santa Cruz	28	19	9	0	18	10	0
Yavapai	114	65	49	0	59	55	0
Yuma	207	137	70	0	102	105	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, 2017**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Total	17,845	351	278	363	135	126	30	31	10,729	286	531	2,785	1,005	63	283	849	0
Births with medical risk factors																	
Pre-existing diabetes	850†	32	9	23	*	*	0	*	459	19	22	125	60	*	25	63	0
Gestational diabetes	6,251	84	82	131	32	31	15	8	3,997	105	182	884	384	21	73	222	0
Pre-existing hypertension	1,060†	13	30	21	6	*	*	*	589	19	13	222	59	*	23	49	0
Gestational hypertension	5,500†	111	80	129	54	40	*	10	3,405	43	165	826	327	15	82	209	0
Eclampsia	150†	0	*	*	*	0	0	*	121	*	*	*	*	0	*	*	0
Previous preterm birth	3,516	52	72	48	21	16	6	7	1,947	48	111	634	201	18	84	251	0
Other previous poor pregnancy outcome	1,320†	63	28	30	9	8	*	0	830	23	26	157	59	*	19	62	0
Gonorrhea	250†	15	*	15	*	0	0	*	133	*	9	41	8	0	*	12	0
Syphilis	100†	*	0	*	*	*	0	0	55	*	*	15	*	0	0	11	0
Chlamydia	2,200†	79	34	60	26	33	*	*	1,108	43	114	405	96	9	19	164	0
Hepatitis B	120†	0		*	*	0	0	0	76	*	*	28	*	0	*	0	0
Hepatitis C	190†	*	*	*	*	*	*	0	88	12	*	46	17	0	6	*	0
Substance use																	
Non-smoker	77,065	744	1,214	1,454	459	479	128	172	50,277	1,309	1,361	10,346	4,067	628	1,557	2,863	7
Light smoker (less than 10 cigarettes per day)	2,240†	20	65	20	31	30	15	10	1,141	101	87	382	175	*	126	40	0
Heavy smoker (10 or more cigarettes per day)	1,579	11	41	7	48	19	11	9	758	175	33	211	128	0	104	24	0
Unknown	780†	171	10	25	*	*	*	*	294	149	26	31	14	*	9	29	*
Total births	81,664	946	1,330	1,506	541	530	156	194	52,470	1,734	1,507	10,970	4,384	633	1,796	2,956	11

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, 2017**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Total	37,467	416	622	673	281	321	97	35	21,886	796	837	6,941	1,978	304	789	1,487	4
Obstetric procedures																	
Induction of labor	23,670†	273	459	437	177	187	49	29	14,233	532	456	4,031	1,243	153	538	870	*
Augmentation of labor	18,770†	164	237	330	127	141	48	7	10,635	342	403	3,614	1,038	203	369	1,107	*
Cervical cerclage	160†	0	*	*	*	0	0	0	102	*	*	16	16	0	*	9	0
Tocolysis	410†	6	24	*	6	*	*	0	101	8	23	204	17	*	*	6	0
External cephalic version successful	70†	*	*	*	*	0	0	0	40	0	*	7	*	0	0	*	0
External cephalic version failed	90†	*	*	*	*	0	0	0	41	0	11	15	7	0	0	*	0
Method of delivery																	
Vaginal	57,545	758	943	1,172	380	388	97	138	36,846	1,150	1,087	7,892	3,042	437	1,240	1,965	10
C-Section	21,910†	179	338	303	128	107	44	52	14,362	485	359	2,764	1,259	172	504	850	*
Forceps	320†	*	11	0	10	*	0	0	194	8	*	61	*	0	*	19	0
Vacuum	1,890†	7	38	31	23	32	15	*	1,067	91	60	252	81	24	47	122	0
Unknown	0†	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0

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

**TABLE 5B-27
COMPLICATIONS OF LABOR AND/OR DELIVERY BY MOTHER'S COUNTY OF RESIDENCE, ARIZONA, 2017**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Total	22,960	299	352	404	189	124	37	20	14,209	314	372	3,932	1,266	137	330	975
Complications of labor and/or delivery																
Premature rupture of the membranes	3,770†	76	74	82	28	19	*	*	1,988	57	40	985	238	26	37	109
Precipitous labor	4,400†	91	102	62	36	16	*	0	2,417	50	82	1,223	160	30	34	97
Prolonged labor	1,790†	36	51	64	29	6	*	0	1,070	22	53	314	103	*	19	22
Breech presentation	3,650†	39	62	63	15	21	13	*	2,447	69	64	458	179	22	73	120
Chorioamnionitis	1,760†	*	24	26	16	*	*	*	910	14	13	494	87	11	*	150
Meconium staining of the amniotic fluid	5,800†	53	52	76	41	51	15	*	3,700	61	109	694	394	51	44	453
Fetal intolerance	5,633	33	54	102	81	18	6	7	4,132	87	43	396	352	7	141	174
Maternal transfusion	490†	30	9	11	8	13	*	*	178	7	19	117	28	*	10	60
Third or fourth degree perineal laceration	400†	*	7	15	*	*	0	0	207	*	8	104	19	*	8	17
Ruptured uterus	30†	0	0	0	0	*	0	0	19	0	*	6	*	0	*	*
Unplanned Hysterectomy	40†	*		0	*	0	0	0	16	*	*	*	*	0	*	*
Admission to intensive care unit	140†	*	*	6	*	*	0	0	77	*	*	13	12	0	*	*
Unplanned surgery following delivery	150†	11	*	*	*	*	0	0	66	*	17	10	10	*	10	11

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, 2017

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Total	3,425	55	70	45	43	29	9	12	2,029	112	119	388	247	13	94	160
Abnormal conditions of the newborn																
Assisted ventilation immediately after delivery	2,326	38	61	33	35	21	7	11	1,284	87	93	326	154	10	75	91
Assisted ventilation for more than 6 hours	1,450†	22	37	9	12	17	*	0	851	33	45	206	95	*	49	67
Surfactant replacement therapy	400†	*	12	*	*	*	*	0	245	6	*	44	40	*	19	12
Suspected neonatal sepsis	1,550†	14	15	20	13	13	*	*	994	42	51	96	143	*	42	101
Seizure or serious neurologic dysfunction	20†	*	*	0	*	0	0	0	17	*	0	*	*	0	0	0
Significant birth injury	60†	0	0	0	*	*	*	0	37	*	*	*	6	0	*	0

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

**TABLE 5B-29
BIRTHS WITH CONGENITAL ANOMALIES MENTIONED ON BIRTH CERTIFICATE BY COUNTY OF RESIDENCE, ARIZONA, 2017**

	ARIZONA	Apache	Cochise	Cocoino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Total	440†	7	12	8	*	*	*	*	271	20	14	41	25	*	17	9
Congenital anomalies of the newborn																
Anencephalus	10†	0	0	0	0	0	0	0	10	0	*	0	0	0	0	0
Spina bifida / Meningocele	10†	*	0	0	0	0	0	0	*	*	0	*	*	*	0	0
Cyanotic congenital heart disease	30†	0	0	0	0	0	0	0	20	*	0	9	*	*	*	0
Congenital diaphragmatic hernia	10†	0	0	0	0	0	0	0	*	0	0	0	*	0	*	0
Omphalocele / Gastroschisis	40†	*	*	0	0	*	0	0	16	0	*	8	*	0	*	*
Limb reduction defect	20†	*	0	*	0	*	0	*	11	0	0	*	*	0	*	0
Cleft lip / palate	70†	*	*	*	0	0	0	0	41	*	*	6	*	*	6	*
Down syndrome	50†	*	0	0	0	0	0	0	28	0	*	7	*	*	*	*
Suspected chromosomal disorder	40†	0	*	0	*	0	0	0	31	*	0	*	*	0	*	0
Hypospadias	20†	0	*	0	0	0	*	0	14	*	0	*	0	0	0	0
Unknown congenital anomalies	150†	*	7	*	*	0	*	*	99	11	6	*	*	0	*	0

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

**TABLE 5B-30
RATES OF OCCURRENCE^a FOR SELECTED CHARACTERISTICS OF NEWBORNS AND MOTHERS GIVING BIRTH
BY COUNTY OF RESIDENCE, ARIZONA, 2017**

Characteristics	Total	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Births with complications of labor and/or delivery	28.1	31.6	26.5	26.8	34.9	23.4	23.7	10.3	27.1	18.1	24.7	35.8	28.9	21.6	18.4	33.0
Births with medical risk factors	21.9	37.1	20.9	24.1	25.0	23.8	19.2	16.0	20.4	16.5	35.2	25.4	22.9	10.0	15.8	28.7
Preterm births (gestational age <37 weeks)	9.3	9.9	8.6	11.0	10.9	12.5	11.5	7.7	9.4	8.5	10.4	8.4	9.6	8.1	8.5	8.3
Births with abnormal conditions of the newborn	4.2	5.8	5.3	3.0	7.9	5.5	5.8	6.2	3.9	6.5	7.9	3.5	5.6	2.1	5.2	5.4
Low birthweight births (<2,500 grams)	7.5	7.7	7.9	9.0	10.9	7.7	10.3	3.6	7.5	7.3	9.7	7.2	7.1	6.5	7.5	5.5
Very low birthweight births (<1,500 grams)	1.2	1.0	1.4	1.1	1.8	1.1	0.6	0.5	1.2	1.2	1.7	1.1	0.9	1.4	1.6	1.0
Births with congenital anomalies of the newborn	0.5	0.7	0.9	0.5	0.7	0.4	1.3	1.0	0.5	1.2	0.9	0.4	0.6	0.6	0.9	0.3
Tobacco use during pregnancy	4.7	3.3	8.0	1.8	14.6	9.2	16.7	9.8	3.6	15.9	8.0	5.4	6.9	0.2	12.8	2.2
C-section	26.8	18.9	25.4	20.1	23.7	20.2	28.2	26.8	27.4	28.0	23.8	25.2	28.7	27.2	28.1	28.8
Infants admitted to newborn intensive care units	7.1	5.7	7.5	3.7	7.0	6.2	5.8	2.6	6.9	5.8	8.1	8.4	8.2	4.4	6.3	7.0
Women giving birth who received prenatal care in the 1st trimester	68.3	69.7	51.4	72.6	56.0	67.0	67.9	45.4	69.4	66.1	66.6	67.0	69.1	48.3	76.1	62.3
Public sources of payment for birth^b	54.2	81.8	51.8	60.2	73.0	60.6	36.5	81.4	52.0	68.7	75.2	51.1	53.0	73.9	61.0	63.2
Births to unmarried mothers	44.4	69.3	44.1	49.5	59.5	47.2	39.1	66.5	42.4	55.8	60.2	45.7	46.1	52.4	43.5	43.6

Notes: ^a per 100 births; ^b 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^a BY COUNTY OF MOTHER'S RESIDENCE, ARIZONA, 2017**

	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
ARIZONA	81,902	234	238	472	5.8
Apache	954	*	8	11	11.5
Cochise	1,333	*	*	7	5.3
Coconino	1,509	*	*	6	4.0
Gila	541	*	0	*	**
Graham	530	0	0	0	0.0
Greenlee	157	*	*	*	**
La Paz	195	0	*	*	**
Maricopa	52,614	153	144	297	5.6
Mohave	1,742	6	8	14	8.0
Navajo	1,514	*	7	12	7.9
Pima	11,005	25	35	60	5.5
Pinal	4,399	16	15	31	7.0
Santa Cruz	636	*	*	*	**
Yavapai	1,801	*	*	8	4.4
Yuma	2,961	*	*	9	3.0
Unknown	11	*	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; ^a 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^a BY GESTATIONAL AGE, WEIGHT IN GRAMS, AND COUNTY OF RESIDENCE,
ARIZONA, 2017

	Total	Gestational age ^b			Weight in grams				
		20-27 weeks	28+ weeks	Unknown	<350 grams	350-499	500-2,499	2,500-3,999	4,000+
ARIZONA	481	241	238	2	99	75	199	81	14
Apache	10†	*	8	0	*	*	6	*	0
Cochise	10†	*	*	0	*	0	*	*	0
Coconino	10†	6	*	0	*	*	*	*	*
Gila	0†	*	0	0	0	*	0	0	0
Graham	0†	*	0	0	0	0	*	0	0
Greenlee	0†	0	*	0	0	0	*	0	0
La Paz	0†	*	*	0	0	0	*	*	0
Maricopa	303	158	144	*	66	55	121	47	9
Mohave	20†	6	8	*	*	*	*	*	0
Navajo	10†	7	7	0	*	*	6	*	0
Pima	71	36	35	0	14	7	36	10	0
Pinal	32	17	15	0	8	6	12	6	0
Santa Cruz	0†	0	*	0	0	0	0	*	0
Yavapai	10†	*	*	0	*	0	*	*	0
Yuma	10†	*	*	0	*	0	*	*	0

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; ^a 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; ^b 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
REPORTABLE SPONTANEOUS FETAL DEATHS^a AND FETAL DEATH RATES^b BY COUNTY OF MOTHER'S RESIDENCE
AND YEAR, ARIZONA, 2007-2017**

	Number of fetal deaths											Fetal death rates										
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA	583	544	511	443	470	470	545	519	524	486	481	5.6	5.4	5.5	5.1	5.5	5.4	6.4	6.0	6.1	5.7	5.9
Apache	9	8	*	*	6	*	8	10	*	*	10	7.7	6.6	**	**	5.6	**	8.3	9.7	**	**	10.5
Cochise	13	7	15	11	15	9	6	10	12	10	*	7.0	3.9	8.1	6.1	9.0	5.3	3.7	6.1	7.6	6.5	**
Coconino	9	7	12	*	15	10	6	*	9	13	9	4.2	3.5	6.3	**	8.4	5.9	3.7	**	5.7	8.0	5.9
Gila	*	6	8	*	6	6	7	7	*	8	*	**	8.5	11.2	**	9.6	9.8	11.7	10.8	**	13.3	**
Graham	0	*	*	0	*	*	*	*	*	*	*	0.0	**	**	0.0	**	**	**	**	**	**	**
Greenlee	0	*	0	0	0	0	*	*	0	*	*	0.0	**	0.0	0.0	0.0	0.0	**	**	0.0	**	**
La Paz	0	*	0	*	0	*	*	315	0	*	*	0.0	**	0.0	**	0.0	**	**	9.3	0.0	**	**
Maricopa	360	350	311	289	299	285	363	20	330	314	303	5.4	5.6	5.4	5.3	5.6	5.2	6.7	5.7	6.0	5.8	5.7
Mohave	17	9	14	8	10	12	11	14	11	17	15	6.9	3.9	6.3	4.0	5.1	6.9	6.3	10.9	5.9	9.3	8.6
Navajo	15	15	11	8	8	12	10	76	7	13	14	7.4	7.7	5.8	4.6	4.9	7.3	6.4	8.7	4.6	8.6	9.2
Pima	88	73	68	64	56	64	73	28	72	55	71	6.3	5.4	5.3	5.2	4.7	5.4	6.1	6.4	6.2	4.8	6.4
Pinal	39	33	29	24	22	33	21	*	28	19	32	7.3	5.7	5.4	4.8	4.8	7.1	4.6	**	6.2	4.2	7.2
Santa Cruz	0	6	*	*	*	*	*	11	*	*	*	0.0	7.5	**	**	**	**	**	5.0	**	**	**
Yavapai	14	*	16	10	7	*	16	14	13	12	7	5.7	**	7.7	5.5	3.8	**	8.7	5.6	6.9	6.4	3.9
Yuma	14	18	18	15	21	26	14	14	27	10	7	4.3	5.3	5.5	4.6	6.5	8.3	4.5	4.6	8.9	3.3	2.4
Unknown	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; ^a 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; ^b Per 1,000 live births plus reportable spontaneous fetal deaths.

**TABLE 5C-4
REPORTABLE SPONTANEOUS FETAL LOSSES^a BY COUNTY OF RESIDENCE OF MOTHER, RACE, AND SEX OF CHILD
ARIZONA, 2017**

	All groups				White non-Hispanic				Hispanic or Latino				Black or African American				American Indian or Alaska Native				Asian or Pacific Islander			
	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U
ARIZONA^b	481	234	226	21	207	101	98	8	171	86	76	9	47	24	21	2	40	15	23		16	8	8	
Apache	10†	*	8	0	0†	*	*	0	0†	0	*	0	0	0	0	0	10†	*	*	0†	0	*		
Cochise	10†	*	*	0	0†	0	*	0	0†	*	*	0	0	0	0	0	0	0	0	0	0	0	0	0
Coconino	10†	*	*	*	0†	*	*	0	0†	*	0	0	0	0	0	0	10†	*	*	0	0	0	0	0
Gila	1	0	0	*	1	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Graham	0†	0	*	0	0	0	0	0	0†	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0
Greenlee	0†	0	*	0	0	0	0	0	0†	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0
La Paz	0†	*	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0†	*	*	0	0	0	0	0
Maricopa	303	156	133	14	138	75	58	*	107	52	48	7	39	22	15	*	10†	*	6		10†	*	6	
Mohave	15	7	8	0	10†	*	7	0	0†	*	0	0	0	0	0	0	0†	*	*	0†	*	*	0	0
Navajo	14	6	6	*	10†	*	*	*	0†	*	0	0	0	0	0	0	10†	*	*	0	0	0	0	0
Pima	71	34	35	*	26	10	15	*	35	19	15	*	10†	*	*	0	0†	0	*	0†	*	*	*	*
Pinal	32	14	17	*	10†	7	*	0	10†	*	*	*	0†	0	*	0	10†	*	*	0	0	0	0	0
Santa Cruz	0†	*	*	0	0	0	0	0	0†	*	*	0	0	0	0	0	0	0	0	0	0	0	0	0
Yavapai	10†	*	*	0	0†	*	*	0	0†	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yuma	10†	*	*	0	0†	0	*	0	0†	*	*	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; ^a 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; ^b Totals may include cases with unknown or unspecified gender.

**TABLE 5C-5
REPORTABLE SPONTANEOUS FETAL LOSSES^a BY MOTHER'S AGE GROUP AND COUNTY OF RESIDENCE, ARIZONA, 2017**

	Total	Mother's age group									
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	Unknown
ARIZONA	481	0	7	25	104	118	125	75	18	3	6
Apache	10†	0	0	*	*	*	*	*	0	0	0
Cochise	10†	0	0	0	*	0	*	*	0	0	0
Coconino	10†	0	*	0	*	*	*	*	0	0	0
Gila	0†	0	0	0	*	0	0	0	0	0	0
Graham	0†	0	*	0	0	0	0	0	0	0	0
Greenlee	0†	0	0	0	*	0	0	0	0	0	0
La Paz	0†	0	0	0	0	*	*	0	0	0	0
Maricopa	300†	0	*	14	62	76	79	50	14	*	*
Mohave	20†	0	0	0	*	6	*	*	0	0	*
Navajo	10†	0	0	*	*	*	*	0	0	0	0
Pima	70†	0	*	*	11	17	23	9	*	0	*
Pinal	30†	0	0	*	7	*	*	10	*	*	0
Santa Cruz	0†	0	0	0	*	*	0	0	0	0	0
Yavapai	10†	0	0	0	*	*	*	0	0	0	0
Yuma	10†	0	0	0	*	*	*	0	0	0	0

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; ^a 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, 2007-2017**

County of Residence	Year											% Change		
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2016 to 2017	2011 to 2015	2007 to 2017
Number of Abortions														
ARIZONA	10,486	10,396	10,050†	11,059	13,606	13,129	13,254	12,747	12,479	13,170	12,336	-6.3	-8.3	17.6
Apache	43	15	19	19	15	16	12	8	17	18	14	-22.2	13.3	-67.4
Cochise	81	127	147	107	162	140	101	47	105	103	97	-5.8	-35.2	19.8
Coconino	275	281	266	274	184	166	147	159	231	210	207	-1.4	25.5	-24.7
Gila	36	27	27	28	41	34	54	33	50	64	55	-14.1	22.0	52.8
Graham	12	15	23	15	12	33	17	15	16	20	18	-10.0	33.3	50.0
Greenlee	7	7	8	22	41	47	67	9	8	10	10	0.0	-80.5	42.9
La Paz	12	6	*	6	11	7	16	7	14	10	11	10.0	27.3	-8.3
Maricopa	7,188	7,166	6,732	7,774	10,280	8,809	8,385	8,727	8,504	9,076	8,384	-7.6	-17.3	16.6
Mohave	45	32	21	22	43	41	26	19	18	24	19	-20.8	-58.1	-57.8
Navajo	51	59	40	69	77	72	66	41	49	69	66	-4.3	-36.4	29.4
Pima	1,908	2,054	2,124	1,844	2,039	2,196	2,109	1,979	1,555	1,816	1,611	-11.3	-23.7	-15.6
Pinal	420	257	163	217	313	417	346	315	366	345	400	15.9	16.9	-4.8
Santa Cruz	76	36	35	31	35	32	23	26	26	35	45	28.6	-25.7	-40.8
Yavapai	251	234	183	204	181	176	214	165	193	234	222	-5.1	6.6	-11.6
Yuma	76	74	156	151	172	79	90	67	49	43	29	-32.6	-71.5	-61.8
Unknown	*	6	99	276	0	864	1,581	1,130	1,278	1,093	1,148	NA	NA	NA
Abortion Rates^a														
ARIZONA	8.1	7.8	7.5	8.8	10.7	10.3	10.3	9.8	9.5	10.0	9.2	-7.4	-11.1	14.5
Apache	2.8	1.0	1.2	1.4	1.1	1.2	0.9	0.6	1.3	1.4	1.0	-23.5	14.1	-63.2
Cochise	3.2	5.0	5.7	4.8	7.3	6.3	4.5	2.2	4.9	4.9	4.7	-4.7	-32.1	44.3
Coconino	9.0	9.2	8.5	8.7	5.9	5.3	4.7	4.8	6.8	6.1	5.9	-2.8	15.9	-34.5
Gila	3.9	2.8	2.8	3.7	5.4	4.6	7.3	4.4	6.6	8.6	7.3	-14.8	23.4	88.1
Graham	1.7	2.0	2.9	2.2	1.8	4.8	2.4	2.1	2.3	2.8	2.6	-10.2	28.8	52.1
Greenlee	4.6	4.3	5.1	14.2	26.5	29.8	33.2	4.6	3.9	4.9	4.6	-5.7	-85.1	0.5
La Paz	3.9	2.0	**	2.5	4.4	2.9	6.6	2.8	5.6	3.9	4.2	6.8	26.4	6.1
Maricopa	9.0	8.8	8.1	9.8	12.9	11.0	10.4	10.6	10.2	10.8	9.8	-8.7	-20.7	9.8
Mohave	1.3	0.9	0.6	0.8	1.5	1.4	0.9	0.7	0.6	0.8	0.7	-20.9	-57.7	-47.4
Navajo	2.1	2.5	1.7	3.6	4.0	3.8	3.5	2.2	2.6	3.6	3.5	-4.3	-36.2	63.5
Pima	9.3	9.9	10.2	9.6	10.5	11.4	10.9	10.1	7.9	9.3	8.2	-12.0	-24.8	-12.8
Pinal	7.3	4.0	2.5	3.2	4.6	6.0	4.9	4.6	5.3	4.9	5.6	12.9	15.1	-23.2
Santa Cruz	7.9	3.7	3.5	3.4	3.8	3.5	2.5	2.8	2.8	3.7	4.8	27.6	-26.3	-39.3
Yavapai	6.6	6.0	4.6	6.8	6.0	5.9	7.1	5.6	6.5	7.9	7.4	-5.8	7.1	12.4
Yuma	2.0	1.9	4.0	4.0	4.4	2.0	2.2	1.7	1.2	1.1	0.7	-33.5	-72.1	-63.5
Abortion Ratio^b														
ARIZONA	102	105	108	127	160	153	156	147	147	156	151	-3.2	-7.9	47.9
Apache	37	12	15	17	14	17	13	8	18	18	15	-16.0	28.0	-60.5
Cochise	44	71	80	60	97	82	63	29	67	67	73	8.4	-31.0	67.5
Coconino	129	142	140	154	104	98	90	93	147	130	137	5.7	41.5	6.6
Gila	52	39	38	42	66	56	92	51	86	108	102	-5.8	30.4	96.0
Graham	21	23	36	28	20	63	28	25	28	36	34	-5.2	39.8	64.7
Greenlee	51	53	62	210	345	412	536	63	52	67	64	-4.5	-84.9	26.4
La Paz	52	24	**	30	64	34	78	33	70	45	57	26.4	10.0	8.7
Maricopa	109	114	117	143	193	162	156	158	156	168	160	-4.9	-18.9	46.6
Mohave	18	14	9	11	22	24	15	10	10	13	11	-17.7	-55.5	-40.6
Navajo	25	30	21	40	47	44	42	25	32	46	44	-4.9	-31.0	72.8
Pima	138	152	165	152	172	185	176	167	136	159	147	-7.8	-20.9	6.2
Pinal	79	45	31	43	68	90	76	70	82	77	91	18.2	21.1	14.8
Santa Cruz	99	45	46	45	50	48	35	43	42	55	71	30.4	-17.0	-28.3
Yavapai	104	106	89	112	99	99	118	85	103	125	124	-1.3	4.2	18.7
Yuma	23	22	48	47	54	25	29	22	16	14	10	-31.5	-69.8	-58.0

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; ^a Number of abortions obtained per 1,000 women from 15 - 44 years of age; ^b Number of abortions obtained per 1,000 live birth.

**TABLE 5D-2
ABORTIONS BY COUNTY OF RESIDENCE AND AGE GROUP, ARIZONA, 2017**

County ^a	≤ 19 years		20-29 years		≥ 30 years	
	Count	Percent	Count	Percent	Count	Percent
Apache	*	**	10	0.1	*	**
Cochise	11	0.9	64	0.9	22	0.6
Coconino	25	2.1	138	1.9	44	1.1
Gila	9	0.8	29	0.4	17	0.4
Graham	*	**	10	0.1	*	**
Greenlee	*	**	6	0.1	*	**
La Paz	*	**	*	**	*	**
Maricopa	740	62.7	4,896	67.6	2,748	70.2
Mohave	*	**	14	0.2	*	**
Navajo	7	0.6	34	0.5	25	0.6
Pima	172	14.6	950	13.1	489	12.5
Pinal	58	4.9	218	3.0	124	3.2
Santa Cruz	*	**	22	0.3	21	0.5
Yavapai	35	3.0	134	1.8	53	1.4
Yuma	*	**	22	0.3	*	**
Unknown	108	9.2	692	9.6	348	8.9
Border region ^b	187	15.8	1,058	14.6	537	13.7
Non-border region	885	75.0	5,494	75.8	3,027	77.4
Arizona	1,180†	100.0	7,240†	100.0	3,910†	100.0

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; ^a Residence indicates patient county of residence; ^b Border region includes Cochise, Pima, Santa Cruz, and Yuma counties.

**TABLE 5D-3
RESIDENT ABORTIONS BY COUNTY OF RESIDENCE, RACE/ETHNICITY, MARITAL STATUS, AND EDUCATION, ARIZONA, 2017**

	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
ARIZONA	12,336	4,760†	4,640†	1,200†	350†	600†	220†	580†	1,680†	10,657	3,230†	3,370†	5,740†
Apache	10†	*	*	0	6	0	0	*	*	12	*	*	8
Cochise	100†	50	33	0	*	*	*	*	17	80	54	32	11
Coconino	210†	93	40	*	50	7	*	9	20	187	15	26	166
Gila	60†	38	7	*	7	*	0	*	8	47	13	10	32
Graham	20†	9	8	0	*	0	0	0	*	16	6	8	*
Greenlee	10†	*	6	0	0	0	0	0	*	9	*	*	*
La Paz	10†	*	6	0	*	0	0	0	*	9	*	*	*
Maricopa	8,384	3,256	2,996	0	180	410	130	482	1,092	7,292	1,656	2,174	4,554
Mohave	20†	14	*	0	0	0	*	0	*	16	6	*	9
Navajo	70†	22	9	*	32	0	*	*	*	62	14	14	38
Pima	1,611	587	794	94	30	55	42	9	251	1,360	854	645	112
Pinal	400	173	158	29	8	16	7	9	44	356	101	95	204
Santa Cruz	50†	*	39	0	0	*	0	0	11	34	28	15	*
Yavapai	220†	162	40	*	*	0	*	12	22	200	56	36	130
Yuma	30†	9	17	*	0	0	*	0	6	23	10	9	10
Unknown^a	1,148	335	478	129	26	106	24	50	194	954	400	293	455

Notes: * Cell suppressed due to count less than 6; † Sum rounded to nearest tens unit due to addend less than 6; ^a 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, 2017**

	TOTAL	Gestational Age ^a		
		≤13 weeks	14 to 20 weeks	≥21 weeks
		Count	Count	Count
Arizona	12,336	11,190	990†	160†
Apache	10†	12	*	*
Cochise	97	86	11	0
Coconino	210†	187	16	*
Gila	60†	48	*	*
Graham	20†	14	*	0
Greenlee	10	10	0	0
La Paz	10†	8	*	0
Maricopa	8,384	7,694	599	91
Mohave	20†	16	*	0
Navajo	70†	54	8	*
Pima	1,611	1,458	132	21
Pinal	400†	363	34	*
Santa Cruz	50†	42	*	0
Yavapai	220†	194	25	*
Yuma	30†	22	*	*
Unknown^a	1,148	982	140	26

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, 2007-2017

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA	44,640	45,128	45,065	45,871	47,547	48,459	49,929	51,074	54,152	56,480	57,261
Apache	522	510	530	544	584	471	607	601	646	653	689
Cochise	1,093	1,185	1,122	1,218	1,183	1,204	1,266	1,201	1,305	1,342	1,344
Coconino	621	675	676	678	722	707	702	732	814	857	859
Gila	666	718	646	661	682	655	696	747	814	832	723
Graham	282	294	271	302	245	300	275	283	251	278	305
Greenlee	63	52	50	55	71	64	46	52	69	52	65
La Paz	204	200	227	200	186	225	247	253	254	270	320
Maricopa	24,417	24,304	24,349	24,438	25,467	25,785	26,906	27,711	28,945	30,311	30,798
Mohave	2,153	2,461	2,260	2,368	2,424	2,482	2,686	2,540	3,024	3,181	3,144
Navajo	888	793	825	819	899	897	976	937	907	1,010	1,059
Pima	7,899	8,075	8,065	8,163	8,392	8,713	8,592	8,725	9,241	9,492	9,527
Pinal	2,033	2,023	1,994	2,258	2,380	2,440	2,457	2,629	2,968	2,991	3,110
Santa Cruz	263	252	284	262	247	303	286	275	294	301	297
Yavapai	2,342	2,373	2,303	2,436	2,496	2,616	2,724	2,772	2,918	2,955	3,114
Yuma	1,180	1,105	1,306	1,279	1,350	1,386	1,320	1,425	1,427	1,506	1,491
Unknown	14	108	157	190	219	211	143	191	275	449	416

TABLE 5E-2
MORTALITY BY COUNTY OF OCCURRENCE, ARIZONA, 2007-2017

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA^a	46,325	46,515	46,429	47,616	49,208	50,254	51,997	53,097	56,386	58,708	59,446
Apache	312	333	342	401	350	351	332	362	384	399	440
Cochise	907	930	847	929	878	901	892	893	957	1,023	961
Coconino	762	852	841	852	930	890	822	936	1,009	1,041	1,044
Gila	586	599	486	552	559	557	560	601	653	655	576
Graham	228	243	222	253	193	241	223	236	199	233	259
Greenlee	32	28	33	39	40	28	28	29	43	31	31
La Paz	174	148	174	172	173	173	165	179	197	193	265
Maricopa	26,800	26,712	26,804	27,041	28,001	28,442	28,360	30,135	31,490	33,037	33,832
Mohave	2,249	2,327	2,275	2,460	2,511	2,594	2,612	2,572	2,825	2,996	2,998
Navajo	630	598	582	577	675	692	716	669	735	776	802
Pima	8,777	8,953	9,030	9,171	9,385	9,749	9,143	9,571	10,116	10,353	10,555
Pinal	1,241	1,192	1,167	1,384	1,604	1,558	1,495	1,760	1,912	1,996	2,017
Santa Cruz	172	167	188	194	167	193	172	180	200	197	194
Yavapai	2,176	2,215	2,133	2,264	2,373	2,478	2,504	2,606	2,727	2,785	2,959
Yuma	1,279	1,217	1,305	1,326	1,369	1,407	1,234	1,461	1,447	1,525	1,514
Unknown	0	0	0	0	0	0	0	11	1,492	1,468	999

Note: ^a 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, 2017**

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	379	0	41	11	*	0	0	99	0	57	9	*	0	*	0	600	89	690+
Cochise	*	926	0	0	*	0	0	26	*	0	366	*	*	*	0	1,328	16	1,340+
Coconino	*	0	704	*	0	0	0	58	*	19	8	0	0	37	0	836	23	860+
Gila	0	0	*	504	8	0	0	177	*	*	11	*	0	*	*	716	7	720+
Graham	0	*	0	*	222	*	0	21	0	0	49	0	0	0	0	300	*	310+
Greenlee	0	0	0	0	13	27	0	*	0	0	21	0	0	0	0	63	*	70+
La Paz	0	0	*	0	*	0	208	51	30	0	*	0	0	*	*	298	22	320+
Maricopa	7	*	24	26	*	*	*	30,178	7	14	63	104	*	43	11	30,488	310	30,800+
Mohave	0	0	9	0	0	0	*	91	2,779	0	7	*	0	12	*	2,905	239	3,140+
Navajo	31	0	105	13	*	0	0	177	*	671	18	*	0	9	0	1,029	30	1,060+
Pima	0	7	*	*	6	0	0	91	*	*	9,339	12	*	*	*	9,469	58	9,530+
Pinal	0	*	*	*	0	0	*	1,058	*	*	172	1,832	*	*	0	3,076	34	3,110+
Santa Cruz	0	*	0	0	0	0	*	*	0	0	109	0	176	0	0	293	*	300+
Yavapai	0	*	49	*	0	0	0	231	0	*	*	0	0	2,794	0	3,085	29	3,110+
Yuma	0	0	*	0	0	0	0	96	0	*	15	*	0	*	1,341	1,460	31	1,490+
Unknown	0	*	0	0	0	0	0	334	7	*	0	*	*	*	7	359	57	420+
AZ resident	420+	940+	940+	570+	260+	30+	220+	32,700+	2,830+	780+	10,190+	1,960+	190+	2,910+	1,370+	56,310+	956	57,261
Non-resident	19	20	102	*	*	*	47	1,137	166	26	361	55	8	47	147	2,140+		
Total deaths in Arizona ^a	440+	960+	1,040+	580+	260+	30+	270+	33,830+	3,000+	800+	10,560+	2,020+	190+	2,960+	1,510+	59,446		

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 Total deaths includes deaths that occurred out of Arizona and records with unknown county of occurrence.

TABLE 5E-4
MORTALITY RATES^a BY COUNTY OF RESIDENCE AND YEAR, ARIZONA, 2007-2017

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA	694.0	690.6	683.2	717.6	738.5	745.7	758.7	766.0	752.9	826.3	822.0
Apache	690.5	669.7	691.3	760.6	811.2	651.4	841.0	836.3	894.6	905.3	947.6
Cochise	793.7	849.9	791.2	927.3	906.3	920.8	967.1	926.5	1010.8	1045.6	1046.9
Coconino	459.8	497.7	488.0	504.4	538.2	526.4	517.3	525.2	574.9	601.2	596.3
Gila	1194.2	1251.7	1088.2	1233.3	1272.9	1221.4	1296.8	1377.7	1496.2	1531.3	1315.8
Graham	777.5	761.0	681.0	811.4	649.7	804.0	726.1	738.6	652.4	725.8	796.9
Greenlee	762.8	581.0	575.5	651.9	847.3	744.3	421.5	496.4	653.7	498.4	593.0
La Paz	936.7	928.3	1042.9	976.1	897.3	1076.5	1177.4	1193.1	1199.1	1270.8	1481.6
Maricopa	629.4	619.2	614.2	640.2	662.6	663.8	682.1	691.3	710.1	732.7	729.5
Mohave	1067.5	1201.0	1105.3	1182.9	1209.5	1222.2	1319.3	1245.1	1470.0	1545.9	1498.6
Navajo	770.0	690.9	714.7	762.2	838.4	831.2	897.9	858.2	827.0	914.7	951.8
Pima	786.8	796.7	792.2	832.7	851.0	879.8	862.6	866.3	915.5	936.9	928.5
Pinal	693.1	627.0	608.5	600.9	619.4	626.9	623.9	663.5	730.2	723.7	727.3
Santa Cruz	565.0	532.9	598.0	552.5	513.6	621.9	581.1	555.0	584.8	595.1	576.6
Yavapai	1063.7	1053.4	1012.1	1154.3	1181.6	1236.4	1277.1	1287.2	1339.9	1342.0	1381.8
Yuma	585.8	542.3	638.7	653.4	673.5	675.5	630.6	672.1	663.7	691.7	672.7

Notes: ^a Crude death rates; number of deaths per 100,000 population.

**TABLE 5E-5
TRENDS IN AGE-ADJUSTED^a MORTALITY RATES FOR ALL CAUSES BY COUNTY OF RESIDENCE, ARIZONA, 2007-2017**

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA	663.2	659.6	653.2	679.9	699.6	687.2	687.8	676.0	691.3	696.6	679.3
Apache	843.9	817.3	834.1	869.4	940.7	721.4	905.6	881.2	928.2	913.5	937.2
Cochise	647.3	695.1	653.2	766.0	745.5	743.2	759.8	706.1	745.4	747.0	730.7
Coconino	699.8	751.2	715.2	699.4	671.6	717.1	671.5	657.2	660.6	696.5	691.4
Gila	805.5	857.3	738.1	820.1	876.0	801.1	869.0	890.4	958.9	959.5	831.1
Graham	772.0	754.9	670.4	919.8	726.4	897.1	786.5	827.7	696.7	756.1	820.7
Greenlee	861.9	652.7	648.0	669.5	889.5	745.3	421.8	536.7	693.2	522.8	616.5
La Paz	549.8	566.3	621.5	619.5	570.4	700.9	693.1	702.6	650.9	750.0	768.8
Maricopa	656.5	646.4	641.7	655.1	677.8	660.6	667.9	664.5	668.4	676.6	663.0
Mohave	752.0	834.0	780.7	799.7	824.8	813.3	845.8	776.7	888.4	904.9	847.3
Navajo	884.9	782.9	818.6	808.9	888.5	854.1	901.6	819.3	786.2	844.6	867.5
Pima	669.7	677.4	672.8	697.6	711.8	717.1	696.6	682.4	707.2	706.0	684.3
Pinal	688.3	623.5	607.7	642.0	668.5	648.4	636.2	608.3	650.1	604.9	590.2
Santa Cruz	596.4	568.4	633.7	561.0	519.3	602.8	550.5	517.2	521.1	510.0	475.5
Yavapai	684.3	669.4	656.0	708.8	722.6	747.3	760.4	738.1	755.8	737.6	750.1
Yuma	480.2	440.4	520.7	604.7	628.4	599.7	551.9	575.6	545.9	550.2	507.3

Notes: ^a 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, 2017**

	All groups ^b			White non-Hispanic			Hispanic or Latino			Black or African American			American Indian or Alaska Native			Asian or Pacific Islander		
	Total ^a	Male	Female	Total ^a	Male	Female	Total	Male	Female	Total	Male	Female	Total ^a	Male	Female	Total	Male	Female
ARIZONA	57,261	30,721	26,537	44,191	23,375	20,816	7,539	4,197	3,341	1,900 [†]	1,080 [†]	820 [†]	2,360 [†]	1,330 [†]	1,020 [†]	800 [†]	380 [†]	420 [†]
Apache	689	392	297	176	109	67	32	15	17	0 [†]	0	*	479	268	211	0	0	0
Cochise	1,344	765	579	1,033	589	444	270	154	116	22	14	8	0 [†]	*	*	10 [†]	*	8
Coconino	859	464	395	492	262	230	64	32	32	10 [†]	*	*	282	165	117	10 [†]	*	9
Gila	723	397	326	545	298	247	75	38	37	0 [†]	*	*	97	59	38	0 [†]	0	*
Graham	305	159	146	193	93	100	71	43	28	0 [†]	*	*	36	19	17	0 [†]	*	0
Greenlee	65	40	25	41	28	13	23	12	11	0	0	0	0 [†]	0	*	0	0	0
La Paz	320	198	122	254	160	94	24	15	9	0 [†]	0	*	35	18	17	0 [†]	*	0
Maricopa	30,798	16,042	14,756	24,329	12,430	11,899	3,806	2,147	1,659	1,402	775	627	474	261	213	581	290	291
Mohave	3,144	1,847	1,297	2,881	1,699	1,182	179	106	73	15	8	7	42	23	19	20 [†]	*	12
Navajo	1,059	601	458	547	317	230	57	30	27	0 [†]	*	*	449	249	200	0 [†]	*	0
Pima	9,527	5,016	4,511	7,180	3,729	3,451	1,686	896	790	265	170	95	225	130	95	124	53	71
Pinal	3,110	1,813	1,296	2,373	1,373	1,000	421	254	166	123	69	54	169	104	65	19	10	9
Santa Cruz	297	159	138	93	52	41	201	105	96	0	0	0	0	0	0	0 [†]	*	*
Yavapai	3,114	1,703	1,411	2,905	1,577	1,328	152	93	59	10 [†]	10	*	28	14	14	10 [†]	7	*
Yuma	1,491	802	689	971	528	443	451	237	214	24	15	9	16	7	9	20 [†]	*	13
Unknown	416	323	91	178	131	47	27	20	7	10 [†]	7	*	20 [†]	15	*	0	0	0

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; ^a Includes records with unknown gender; ^b Total for all groups includes records with unknown race/ethnicity.

**TABLE 5E-7
NUMBER OF DEATHS BY MONTH AND COUNTY OF RESIDENCE, ARIZONA, 2017**

	Total	Month of death											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ARIZONA	57,261	5,111	4,510†	5,070†	4,854	4,870†	4,782	4,740†	4,534	4,423	4,550†	4,547	5,272
Apache	689	69	43	62	71	55	63	64	53	59	46	44	60
Cochise	1,344	105	109	120	121	98	119	118	99	105	114	101	135
Coconino	859	90	69	64	67	80	78	60	58	72	67	76	78
Gila	723	51	74	71	56	67	54	62	52	50	66	48	72
Graham	305	31	21	32	30	24	16	24	33	20	25	27	22
Greenlee	70†	8	*	*	10	*	6	*	6	7	*	7	8
La Paz	320	19	26	33	27	20	31	37	27	23	20	29	28
Maricopa	30,798	2,731	2,412	2,673	2,597	2,618	2,547	2,566	2,487	2,383	2,501	2,458	2,825
Mohave	3,144	312	237	297	257	276	280	275	242	230	227	243	268
Navajo	1,059	88	78	96	90	90	88	71	82	89	101	78	108
Pima	9,527	880	759	840	805	831	798	744	719	743	748	787	873
Pinal	3,110	267	261	275	262	257	277	243	255	227	247	241	298
Santa Cruz	297	23	30	16	30	24	30	32	20	22	23	16	31
Yavapai	3,114	266	249	298	270	262	238	254	229	254	235	256	303
Yuma	1,491	140	116	151	121	120	107	127	110	107	115	124	153
Unknown	416	31	27	39	40	43	50	59	62	32	11	12	10

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, 2017

	IN HOSPITAL					NOT IN HOSPITAL					TOTAL
	In-patient	Out-patient ^a	Died on arrival	Status unknown	Subtotal	Nursing home ^b	Residence	Other ^c	Un-specified	Subtotal	
ARIZONA	12,643	3,000†	40†	19,530	35,217	7,090	4,648	10,304	0†	22,040†	57,260†
Apache	196	59	9	192	456	30	87	116	0	233	689
Cochise	344	91	*	543	980†	81	97	186	0	364	1,340†
Coconino	226	52	*	296	580†	52	103	127	0	282	860†
Gila	159	39	*	242	440†	69	144	69	0	282	720†
Graham	83	33	*	115	230†	15	32	26	0	73	310†
Greenlee	18	*	0	25	50†	6	6	8	0	20	70†
La Paz	73	21	0	159	253	18	14	35	0	67	320
Maricopa	6,568	1,706	9	9,521	17,804	4,562	2,249	6,182	*	12,990†	30,800†
Mohave	669	139	*	1,455	2,260†	285	322	273	0	880	3,140†
Navajo	257	73	*	368	700†	52	164	141	0	357	1,060†
Pima	2,151	319	8	3,415	5,893	1,066	622	1,945	*	3,630†	9,530†
Pinal	767	166	*	1,257	2,190†	307	208	404	0	919	3,110†
Santa Cruz	72	18	*	145	240†	13	9	39	0	61	300†
Yavapai	533	136	*	1,150	1,820†	461	397	435	0	1,293	3,110†
Yuma	390	108	0	646	1,144	30	158	159	0	347	1,491
Unknown	137	40	0	*	180†	43	36	159	0	238	420†

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 Emergency Room; ^b Includes other long-term care facilities; ^c Includes hospices.

**TABLE 5E-9
BODY DISPOSITION BY COUNTY OF RESIDENCE AND YEAR, ARIZONA, 2007-2017**

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA	Burial	15,640	14,400	14,225	13,940	13,699	13,423	13,356	13,044	13,397	13,734
	Cremation	27,970	28,972	28,514	28,654	30,152	31,060	32,128	33,736	36,200	39,148
	Other	1,030	1,756	2,326	3,277	3,696	3,976	4,445	4,294	4,555	4,733
	TOTAL	44,640	45,128	45,065	45,871	47,547	48,459	49,929	51,074	54,152	57,261
Apache	Burial	328	310	362	430	454	347	425	431	497	484
	Cremation	77	87	91	94	92	96	103	118	118	142
	Other	117	113	77	20	38	28	79	52	31	63
	TOTAL	522	510	530	544	584	471	607	601	646	689
Cochise	Burial	355	353	331	360	307	328	322	277	334	304
	Cremation	709	782	753	812	827	805	877	882	914	981
	Other	29	50	38	46	49	71	67	42	57	57
	TOTAL	1,093	1,185	1,122	1,218	1,183	1,204	1,266	1,201	1,305	1,342
Coconino	Burial	327	301	318	317	340	307	311	306	345	368
	Cremation	287	342	343	342	355	379	348	387	442	462
	Other	7	32	15	19	27	21	43	39	27	35
	TOTAL	621	675	676	678	722	707	702	732	814	857
Gila	Burial	300	286	234	226	241	226	226	224	259	219
	Cremation	362	422	397	385	388	359	371	423	460	434
	Other	*	10	15	50	53	70	99	100	95	70
	TOTAL	670†	718	646	661	682	655	696	747	814	723
Graham	Burial	184	186	187	187	146	165	169	133	145	151
	Cremation	97	98	81	101	88	119	97	136	99	118
	Other	*	10	*	14	11	16	9	14	7	9
	TOTAL	280†	294	270†	302	245	300	275	283	251	305
Greenlee	Burial	36	28	22	27	34	33	21	14	31	23
	Cremation	26	23	26	28	34	29	25	37	34	27
	Other	*	*	*	0	*	*	0	*	*	*
	TOTAL	60†	50†	50†	55	70†	60†	46	50†	70†	70†
La Paz	Burial	66	51	62	54	48	58	58	48	44	52
	Cremation	129	133	145	118	107	111	142	172	179	198
	Other	9	16	20	28	31	56	47	33	31	40
	TOTAL	204	200	227	200	186	225	247	253	254	320
Maricopa	Burial	8,731	8,266	7,941	7,582	7,408	7,358	7,282	7,274	7,219	7,469
	Cremation	15,149	15,399	15,206	15,078	16,006	16,235	17,221	18,097	19,245	20,348
	Other	537	639	1,202	1,778	2,053	2,192	2,403	2,340	2,481	2,569
	TOTAL	24,417	24,304	24,349	24,438	25,467	25,785	26,906	27,711	28,945	30,311

TABLE 5E-9 (continued)
BODY DISPOSITION BY COUNTY OF RESIDENCE AND YEAR, ARIZONA, 2007-2017

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mohave	Burial	445	419	384	379	387	363	345	322	390	378
	Cremation	1,692	1,790	1,645	1,666	1,685	1,793	1,945	1,832	2,197	2,348
	Other	16	252	231	323	352	326	396	386	437	455
	TOTAL	2,153	2,461	2,260	2,368	2,424	2,482	2,686	2,540	3,024	3,181
Navajo	Burial	536	441	498	514	506	529	552	513	516	534
	Cremation	281	264	300	271	347	325	361	378	340	405
	Other	71	88	27	34	46	43	63	46	51	71
	TOTAL	888	793	825	819	899	897	976	937	907	1,010
Pima	Burial	2,495	2,133	2,190	2,143	2,084	2,007	2,017	1,894	1,964	1,944
	Cremation	5,266	5,618	5,511	5,524	5,805	6,168	5,989	6,265	6,686	7,075
	Other	138	324	364	496	503	538	586	566	591	652
	TOTAL	7,899	8,075	8,065	8,163	8,392	8,713	8,592	8,725	9,241	9,492
Pinal	Burial	745	677	647	689	679	678	638	684	704	693
	Cremation	1,229	1,302	1,216	1,379	1,478	1,515	1,578	1,708	1,979	2,023
	Other	59	44	131	190	223	247	241	237	285	275
	TOTAL	2,033	2,023	1,994	2,258	2,380	2,440	2,457	2,629	2,968	2,991
Santa Cruz	Burial	128	106	110	77	106	111	102	96	84	86
	Cremation	134	144	169	173	125	181	178	170	200	205
	Other	*	*	*	12	16	11	6	9	10	10
	TOTAL	260†	250†	280†	262	247	303	286	275	294	301
Yavapai	Burial	521	465	424	448	438	422	426	391	395	375
	Cremation	1,801	1,842	1,774	1,795	1,845	1,949	1,970	2,075	2,172	2,231
	Other	20	66	105	193	213	245	328	306	351	349
	TOTAL	2,342	2,373	2,303	2,436	2,496	2,616	2,724	2,772	2,918	2,955
Yuma	Burial	438	334	435	386	396	366	409	358	381	442
	Cremation	725	703	810	826	888	924	845	954	968	973
	Other	17	68	61	67	66	96	66	113	78	91
	TOTAL	1,180	1,105	1,306	1,279	1,350	1,386	1,320	1,425	1,427	1,506
Unknown	Burial	*	44	80	121	125	125	53	79	89	190
	Cremation	6	23	47	62	82	72	78	102	167	226
	Other	*	41	30	7	12	14	12	10	19	33
	TOTAL	10†	108	157	190	219	211	143	191	275	449

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^a IN ARIZONA IN 2017**

		Total deaths occurring in Arizona	Total		Body disposition																				No	Yes
			Total	Total	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Out-of-state/ Unknown						
Total	59,446	440†	960†	1,040†	580†	260†	30†	265	33,832	3,000†	800†	10,555	2,017	190†	2,960†	1,510†	1,000†									
Burial	13,948	304	204	479	170	134	8	52	8,352	328	384	2,037	443	61	381	351	260									
Cremation	40,572	112	713	534	346	111	22	177	22,760	2,228	353	7,802	1,362	128	2,262	1,058	604									
Donated	4,180†	18	39	28	49	10	*	35	2,287	435	55	629	193	*	303	74	24									
Entombment	490†	*	*	*	*	0	0	0	405	*	*	56	7	0	10	*	*									
Other	200†	*	0	*	7	*	0	0	18	*	9	11	11	0	*	27	101									
Unknown	50†	0	*	*	0	0	0	*	10	*	0	20	*	*	0	0	9									
Total	55,261	325	920†	940†	560†	252	30†	245	31,552	2,770†	760†	10,052	1,897	170†	2,842	1,280†	680†									
Burial	10,626	199	167	402	161	131	8	40	6,348	149	352	1,580	342	38	279	170	260									
Cremation	40,044	108	708	508	346	111	22	171	22,596	2,193	351	7,773	1,356	124	2,256	1,030	391									
Donated	4,120†	18	39	28	49	10	*	33	2,255	426	54	627	191	*	300	72	15									
Entombment	420†	0	*	*	*	0	0	0	343	*	*	52	7	0	7	*	*									
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
Unknown	50†	0	*	*	0	0	0	*	10	*	0	20	*	*	0	0	9									
Total	4,185	120†	40†	100†	16	10†	0	20†	2,280	230†	40†	500†	120†	30†	120†	240†	323									
Burial	3,320†	105	37	77	9	*	0	12	2,004	179	32	457	101	23	102	181	0									
Cremation	530†	*	*	26	0	0	0	6	164	35	*	29	6	*	6	28	213									
Donated	60†	0	0	0	0	0	0	*	32	9	*	*	*	0	*	*	9									
Entombment	70†	*	0	0	0	0	0	0	62	0	0	*	0	0	*	*	0									
Other	200†	*	0	*	7	*	0	0	18	*	9	11	11	0	*	27	101									

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 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, 2017

	ARIZONA	Apache	Cochise	Cocconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
	PER 100,000 TOTAL POPULATION (BOTH GENDERS):															
Total, all causes	679.3	937.2	730.7	691.4	831.1	820.7	616.5	768.8	663.0	847.3	867.5	684.3	590.2	475.5	750.1	507.3
Cardiovascular disease	189.9	226.5	209.8	180.7	223.9	203.2	147.2	237.6	188.6	264.9	178.7	181.7	167.4	143.0	190.4	153.9
Diseases of heart	141.9	171.6	165.7	136.1	181.0	138.6	122.8	206.2	138.6	218.6	121.9	135.4	125.3	105.3	143.3	111.2
Coronary heart disease	102.8	132.9	116.3	102.1	133.0	92.1	88.0	163.3	99.4	176.9	84.6	96.7	91.5	82.8	101.9	79.5
Malignant neoplasms	136.6	118.0	146.3	117.3	112.5	130.4	108.0	139.0	137.1	178.3	130.1	133.4	124.6	108.4	158.0	101.8
Lung cancer	30.8	8.5	33.4	23.5	32.5	32.1	35.7	44.8	30.4	47.1	26.3	29.2	30.3	10.4	37.4	21.3
Colorectal cancer	13.0	17.9	14.0	12.3	12.0	2.2	0.0	4.4	13.3	18.9	10.2	12.3	12.8	15.0	11.3	8.8
Breast cancer	9.8	3.1	9.9	7.4	8.6	5.3	8.8	1.6	10.5	10.8	10.4	9.1	7.3	8.3	11.0	7.5
Prostate cancer	7.5	9.6	10.7	6.1	3.6	11.2	19.9	4.4	7.0	10.4	9.4	7.1	6.2	9.6	10.3	5.8
Malignant melanoma of skin	2.2	2.1	2.3	0.9	2.9	2.3	0.0	1.9	2.0	4.3	3.1	2.2	2.8	1.4	2.8	0.9
Cervical cancer	1.1	0.0	2.3	0.0	0.7	0.0	0.0	0.0	1.2	1.1	0.0	0.8	1.3	1.7	1.6	0.6
Accident (unintentional injury)	55.3	142.7	57.7	75.5	101.4	65.8	34.5	79.0	51.1	50.8	105.2	56.3	38.3	32.5	72.7	36.8
Accidental poisoning	20.4	33.5	20.5	27.8	25.3	15.7	7.0	27.2	19.3	14.8	22.5	23.6	12.0	13.2	23.4	13.9
Motor vehicle accident	13.8	61.8	17.5	24.5	52.9	25.2	9.1	37.1	11.5	11.9	48.4	11.3	15.8	10.4	15.8	9.7
Accidental falls	12.4	11.4	10.8	10.5	14.6	10.6	0.0	8.4	12.7	7.4	9.2	14.5	6.0	2.6	22.4	5.5
Accidental drowning	1.5	4.8	0.9	0.0	0.0	0.0	0.0	0.0	1.6	1.7	3.5	1.2	0.4	0.0	2.1	1.9
Chronic lower respiratory diseases	43.0	30.4	45.1	34.3	62.1	78.2	50.1	40.3	41.2	68.3	48.3	39.3	41.4	10.8	61.1	32.3
Alzheimer's disease	35.2	20.1	16.9	21.0	16.3	34.4	62.8	11.7	38.6	39.1	29.6	34.7	23.2	25.9	46.6	19.7
Cerebrovascular disease	30.7	38.6	32.0	31.4	27.5	42.9	24.4	16.4	30.5	29.3	41.3	32.5	21.2	33.4	34.3	29.6
Diabetes	23.8	55.4	26.8	20.5	31.6	60.2	37.5	22.0	22.8	20.2	36.6	26.6	22.4	25.9	16.5	25.9
Intentional self-harm (suicide)	18.0	33.0	25.9	26.7	37.6	26.9	17.4	46.2	15.2	29.9	43.9	19.4	14.5	4.3	30.2	9.5
Chronic liver disease and cirrhosis	14.2	37.9	20.4	23.8	34.1	23.0	8.8	29.6	11.2	23.4	32.1	14.1	16.7	16.3	21.5	12.2
Essential (primary) hypertension and hypertensive renal disease	11.8	8.0	6.7	7.3	10.3	5.3	0.0	10.3	14.1	8.7	8.5	8.6	15.0	4.3	7.4	8.6
Influenza and pneumonia	9.9	24.2	9.5	11.4	10.3	18.3	40.7	16.4	8.3	15.0	13.6	11.3	9.1	7.6	11.2	16.5
Parkinson's disease	8.7	7.9	8.0	17.3	3.9	5.8	10.4	3.8	9.9	5.7	10.0	7.8	6.2	4.3	8.9	5.3
Assault (homicide)	6.4	15.2	3.0	8.9	11.8	5.5	0.0	6.8	5.9	2.2	15.5	8.1	7.0	2.2	2.1	1.9
Nephritis	6.2	16.2	9.0	7.0	16.6	21.8	10.4	13.6	4.3	12.1	12.7	8.6	5.0	4.7	6.9	7.3
Septicemia	5.5	13.5	8.2	4.9	3.9	3.0	0.0	3.0	4.6	6.6	8.1	7.0	5.6	4.5	5.8	7.3
HIV disease	1.2	4.6	1.2	1.6	0.0	0.0	0.0	0.0	1.2	1.0	1.2	1.0	1.2	3.0	0.2	0.4
Injury by firearms	15.8	26.4	20.8	17.1	30.7	19.6	0.0	45.3	14.3	21.2	30.9	16.5	14.9	1.7	21.2	6.0
Drug-induced deaths	23.3	9.5	23.5	21.8	49.2	19.0	7.0	38.6	22.3	30.9	19.7	26.6	14.3	15.8	28.1	14.5
Opioid-induced deaths	13.4	3.6	12.3	8.2	20.0	5.6	7.0	6.8	13.7	16.7	1.9	18.1	8.1	13.2	10.2	1.7
Alcohol-induced deaths	16.1	67.6	16.5	44.2	35.8	20.1	0.0	37.8	12.6	25.6	60.0	14.8	16.0	4.9	21.8	11.2
AVERAGE AGE AT DEATH	72.6	65.7	73.6	67.3	71.8	70.1	68.4	72.3	72.6	73.6	67.1	73.9	70.1	74.2	76.3	74.3
MEDIAN AGE AT DEATH	76.0	70.0	76.0	71.0	75.0	74.0	70.0	74.0	77.0	75.0	72.0	77.0	73.0	78.0	79.0	78.0

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, 2017

	ARIZONA	Apache	Cochise	Cocconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
	PER 100,000 MALES:															
Total, all causes	800.0	1135.5	878.4	796.8	1000.5	894.3	805.1	961.5	773.5	1027.1	1036.0	814.8	695.9	579.5	897.6	567.9
Cardiovascular disease	228.6	252.9	265.9	213.2	264.8	242.0	168.6	319.0	224.6	333.3	226.7	218.0	203.0	183.4	238.7	174.7
Diseases of heart	179.4	210.2	214.3	176.4	220.0	170.8	155.5	282.8	173.9	284.3	163.9	169.6	162.4	138.4	185.9	132.5
Coronary heart disease	136.8	164.8	153.2	136.1	164.9	106.2	111.3	219.1	132.2	235.4	112.7	129.0	123.9	104.6	140.3	98.8
Malignant neoplasms	161.0	128.7	169.5	136.4	111.4	140.9	123.9	171.2	160.2	220.4	158.6	161.2	142.7	141.5	190.4	110.4
Lung cancer	36.0	10.6	33.0	33.1	30.0	31.6	16.8	48.8	35.9	55.5	42.9	33.1	34.7	15.9	42.1	22.1
Prostate cancer	16.8	21.7	22.8	13.3	7.8	23.2	41.1	8.3	16.2	21.8	21.6	16.8	13.1	21.9	22.4	11.8
Colorectal cancer	16.0	23.7	20.8	10.2	9.6	0.0	0.0	3.2	16.3	25.7	18.4	15.0	14.3	15.1	18.6	9.9
Malignant melanoma of skin	3.2	0.0	2.9	1.8	5.9	0.0	0.0	3.8	2.8	4.2	6.6	3.8	4.6	3.0	4.4	0.6
Breast cancer	0.2	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Accident (unintentional injury)	73.7	205.6	79.1	99.5	126.2	52.9	48.5	69.2	67.3	77.5	154.2	76.3	50.7	48.0	90.4	47.7
Accidental poisoning	28.6	54.1	27.4	36.9	32.4	8.1	13.2	0.0	27.5	23.2	29.7	33.7	13.7	20.4	27.5	17.7
Motor vehicle accident	19.5	92.6	26.0	25.9	72.8	14.4	0.0	55.1	16.1	20.8	70.2	17.5	24.1	11.7	22.6	10.1
Accidental falls	13.3	9.1	14.6	12.5	12.5	4.7	0.0	14.0	13.2	8.5	16.2	15.5	7.2	5.7	25.1	7.6
Accidental drowning	2.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	2.3	3.3	5.1	1.4	0.4	0.0	2.0	3.7
Chronic lower respiratory diseases	45.3	29.8	57.5	33.1	62.4	85.5	113.2	56.6	42.3	70.7	54.2	41.4	44.6	14.0	66.9	37.0
Cerebrovascular disease	30.7	25.7	38.4	29.2	28.5	42.4	13.2	17.1	30.6	32.1	43.9	31.5	18.5	38.3	37.7	28.6
Diabetes	30.1	72.1	28.5	25.2	39.1	59.2	50.5	27.6	29.4	27.4	38.2	33.5	28.3	43.0	22.2	29.7
Alzheimer's disease	29.2	17.8	16.1	24.9	16.1	38.1	55.3	12.7	32.2	38.8	16.6	26.7	22.1	17.0	34.8	14.4
Intentional self-harm (suicide)	28.1	59.5	41.5	37.1	66.2	38.8	33.0	86.1	23.5	46.8	60.0	30.4	22.5	3.7	44.0	13.8
Chronic liver disease and cirrhosis	18.0	39.9	25.1	25.6	49.8	13.6	16.8	48.7	14.7	26.8	28.5	19.1	18.2	20.4	29.7	16.3
Parkinson's disease	12.6	12.0	6.3	17.7	8.9	6.4	0.0	7.6	15.1	7.2	17.8	11.7	7.4	6.6	13.3	4.9
Essential (primary) hypertension and hypertensive renal disease	12.5	7.3	4.7	4.4	9.9	12.0	0.0	10.2	14.5	8.6	11.5	10.4	16.5	6.6	10.8	8.2
Influenza and pneumonia	11.1	25.9	10.1	15.0	9.4	16.2	41.1	5.8	9.5	14.2	13.7	13.4	10.7	7.8	11.8	15.3
Assault (homicide)	10.0	25.9	3.8	12.0	23.2	10.2	0.0	14.0	8.9	4.3	25.0	12.2	10.6	4.8	4.4	3.5
Nephritis	7.7	20.7	10.6	6.5	24.1	28.7	0.0	14.0	5.5	14.7	18.1	11.0	5.1	3.7	8.9	7.0
Septicemia	5.9	11.2	9.8	5.1	4.7	0.0	0.0	0.0	5.0	6.4	6.1	7.8	6.3	0.0	8.3	8.2
HIV disease	2.1	9.5	2.2	3.1	0.0	0.0	0.0	0.0	2.1	2.0	2.5	1.5	2.3	6.5	0.5	0.8
Injury by firearms	26.7	48.3	34.4	27.2	57.4	36.5	0.0	84.3	23.8	37.2	47.9	28.8	23.9	3.7	38.5	9.0
Drug-induced deaths	30.9	13.9	29.3	23.3	66.3	8.1	13.2	9.5	30.2	43.7	23.4	37.1	17.3	20.4	26.4	16.2
Opioid-induced deaths	17.8	7.3	14.8	9.0	21.2	4.1	13.2	0.0	18.6	23.5	3.7	24.3	9.8	20.4	8.7	0.8
Alcohol-induced deaths	22.7	98.4	22.9	55.6	54.7	13.6	0.0	65.7	18.3	34.8	70.0	22.2	18.9	10.8	33.3	17.3
AVERAGE AGE AT DEATH	69.9	62.0	71.7	64.5	68.8	67.9	65.8	71.0	69.6	72.2	64.0	70.8	68.4	71.2	74.4	72.3
MEDIAN AGE AT DEATH	73.0	66.0	75.0	68.0	73.0	72.0	68.5	74.0	73.0	74.0	69.0	74.0	72.0	73.0	77.0	76.0

TABLE 5E-11 (continued)
AGE-ADJUSTED^a MORTALITY RATES FOR SELECTED LEADING CAUSES OF DEATH BY GENDER AND AVERAGE AGE AT DEATH
FROM ALL CAUSES BY COUNTY OF RESIDENCE, ARIZONA, 2017

	ARIZONA	Apache	Cochise	Cocconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
PER 100,000 FEMALES:																
Total, all causes	568.7	747.0	590.9	594.1	662.3	756.0	446.6	576.9	565.4	672.3	703.0	567.0	481.7	386.3	611.9	449.1
Cardiovascular disease	155.5	204.5	159.2	151.6	183.9	163.4	136.7	156.4	157.6	200.0	137.3	150.0	132.1	109.1	146.8	134.4
Diseases of heart	109.3	140.9	121.8	103.1	143.4	105.8	99.8	130.2	109.0	156.6	86.1	106.3	89.4	77.4	104.5	91.5
Coronary heart disease	73.4	108.0	82.6	74.3	102.7	73.1	69.3	108.1	72.2	121.7	60.6	69.3	60.2	64.8	66.7	61.6
Malignant neoplasms	116.6	108.4	126.4	100.4	113.9	127.6	90.6	106.6	118.6	138.3	108.4	112.0	107.7	82.0	130.0	93.8
Lung cancer	26.5	6.5	33.6	14.3	35.7	32.8	53.7	40.4	26.0	38.8	11.5	26.0	26.1	6.1	33.2	20.7
Breast cancer	18.2	5.9	19.4	12.2	16.1	9.6	18.5	3.2	19.3	20.7	20.0	17.0	14.5	15.2	20.6	14.5
Colorectal cancer	10.2	12.2	7.7	14.0	14.6	4.4	0.0	6.2	10.7	12.3	2.7	10.0	11.5	14.1	4.8	7.8
Cervical cancer	2.1	0.0	4.8	0.0	1.5	0.0	0.0	0.0	2.3	2.3	0.0	1.5	2.7	3.0	3.1	1.2
Malignant melanoma of skin	1.4	4.3	1.9	0.0	0.0	4.5	0.0	0.0	1.4	4.4	0.0	0.9	1.2	0.0	1.5	1.2
Chronic lower respiratory diseases	41.0	30.7	33.6	36.2	61.1	77.2	0.0	23.8	40.5	66.1	42.5	37.2	38.5	7.9	55.8	28.3
Alzheimer's disease	39.5	22.2	17.3	18.3	15.1	30.1	74.7	10.5	43.0	39.2	39.4	40.4	24.1	32.0	55.1	24.7
Accident (unintentional injury)	37.0	82.2	34.4	52.3	78.3	85.1	19.2	85.5	35.2	23.2	55.9	36.4	24.2	18.3	55.0	25.8
Accidental poisoning	12.1	14.6	12.6	19.0	18.6	23.9	0.0	52.8	11.1	5.9	15.0	13.6	9.8	6.1	19.3	9.9
Accidental falls	11.4	12.3	7.2	8.5	17.2	14.6	0.0	3.2	12.0	6.5	3.0	13.4	5.1	0.0	19.7	3.6
Motor vehicle accident	8.2	32.1	8.0	23.1	34.0	38.6	19.2	16.4	7.2	2.7	25.4	5.2	6.5	9.1	9.1	9.3
Accidental drowning	0.9	6.2	1.9	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.8	0.9	0.4	0.0	2.1	0.0
Cerebrovascular disease	30.2	47.3	26.3	31.9	26.9	43.1	36.9	15.7	29.9	26.5	38.4	32.5	23.5	29.3	31.4	30.5
Diabetes	18.3	41.2	25.3	15.8	26.5	60.9	20.3	17.4	17.3	13.4	33.5	20.7	16.6	12.0	11.4	22.8
Essential (primary) hypertension and hypertensive renal disease	11.0	9.1	8.4	8.7	10.1	0.0	0.0	10.5	13.6	8.8	6.0	6.9	13.2	2.5	4.7	8.9
Chronic liver disease and cirrhosis	10.7	35.1	15.8	21.9	19.1	34.1	0.0	11.7	8.1	20.1	36.3	9.4	14.6	13.6	14.1	8.5
Influenza and pneumonia	8.9	22.4	9.3	9.2	9.9	19.7	37.7	27.0	7.3	15.5	12.7	9.3	7.3	7.5	10.7	17.7
Intentional self-harm (suicide)	8.4	7.5	9.2	15.8	10.5	12.4	0.0	5.8	7.4	13.0	27.9	9.1	5.5	4.9	17.6	4.5
Parkinson's disease	5.7	4.4	9.6	17.1	0.0	5.0	15.7	0.0	6.0	4.3	4.6	4.7	5.1	2.5	5.2	5.5
Septicemia	5.1	15.1	6.4	4.2	3.8	5.0	0.0	6.2	4.3	6.9	9.3	6.3	4.7	7.9	3.4	6.5
Nephritis	4.9	12.8	7.2	7.0	8.5	13.9	15.7	13.2	3.3	9.4	7.6	6.4	4.8	5.0	5.1	7.7
Assault (homicide)	2.8	4.8	1.9	5.6	0.0	0.0	0.0	0.0	2.8	0.0	5.1	3.9	2.5	0.0	0.0	0.0
HIV disease	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.5	0.0	0.0	0.0	0.0
Injury by firearms	5.0	5.2	6.5	7.1	5.2	0.0	0.0	5.8	5.2	5.1	13.6	4.7	4.6	0.0	4.8	2.8
Drug-induced deaths	15.5	5.1	17.1	20.4	31.9	31.5	0.0	66.0	14.4	17.3	15.3	16.3	10.5	11.0	29.3	12.7
Opioid-induced deaths	8.8	0.0	9.6	7.3	18.5	7.5	0.0	13.2	8.7	9.2	0.0	11.9	6.1	6.1	11.5	2.6
Alcohol-induced deaths	9.8	38.7	10.1	33.1	17.2	29.1	0.0	11.7	7.4	16.4	51.1	7.9	12.9	0.0	11.1	5.5
AVERAGE AGE AT DEATH	75.8	70.5	76.1	70.7	75.4	72.4	72.5	74.5	75.9	75.6	71.0	77.3	72.7	77.7	78.6	76.6
MEDIAN AGE AT DEATH	79.0	74.0	79.0	75.0	78.0	77.0	75.0	78.0	80.0	77.0	76.0	80.0	75.0	82.0	81.0	80.0

Notes: ^a 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
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2017

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, all causes	57,261	689	1,344	859	723	305	65	320	30,798	3,144	1,059	9,527	3,110	297	3,114	1,491	416
Salmonella infections	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	210†	*	7	7	*	*	0	*	101	13	*	38	12	*	14	6	0
Enterocolitis due to Clostridium difficile	140†	*	6	6	0	0	0	0	78	7	*	26	6	0	7	*	0
Tuberculosis	10†	0	0	0	0	0	0	0	7	0	*	*	0	0	0	*	0
Respiratory tuberculosis	10†	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
Whooping cough	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	460†	10	15	6	*	*	0	*	214	25	9	97	32	*	22	20	*
Syphilis	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	200†	0	*	*	*	0	*	0	97	16	*	39	14	*	8	*	*
Human immunodeficiency virus (HIV) disease	90†	*	*	*	0	0	0	0	55	*	*	11	*	*	*	*	*
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	190†	*	*	*	*	0	0	0	95	6	*	51	14	*	*	6	*
Malignant neoplasms	11,917	93	285	154	120	51	12	62	6,487	719	178	1,912	714	69	708	304	49
Malignant neoplasm of lip, oral cavity and pharynx	180†	0	*	*	*	0	0	*	91	20	*	33	9	*	13	6	0
Malignant neoplasm of esophagus	330†	*	*	*	9	*	0	*	165	33	*	47	25	*	16	9	*
Malignant neoplasm of stomach	200†	*	*	*	*	*	0	*	102	6	*	38	11	*	14	7	*
Malignant neoplasm of colon, rectum and anus	1,120†	13	28	17	13	*	0	*	632	70	15	169	69	10	50	24	*
Malignant neoplasm of liver and intrahepatic bile ducts	580†	*	12	9	*	*	*	*	316	25	10	113	31	*	31	7	6
Malignant neoplasm of pancreas	910†	9	21	12	6	*	0	6	527	40	12	137	57	6	53	23	*
Malignant neoplasm of larynx	70†	0	*	0	0	0	0	*	24	10	*	17	7	*	*	*	*
Malignant neoplasm of trachea, bronchus and lung	2,750†	8	66	30	35	13	*	23	1,453	208	37	431	185	6	175	67	13
Malignant melanoma of skin	190†	*	*	*	*	*	0	*	94	15	*	30	17	*	14	*	*
Malignant neoplasm of breast	830†	*	17	11	8	*	*	*	497	44	14	128	40	*	40	21	*
Malignant neoplasm of cervix uteri	80†	0	*	0	*	0	0	0	52	*	0	8	6	*	*	*	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	200†	6	*	*	*	0	0	0	120	*	*	36	12	0	9	*	0
Malignant neoplasm of ovary	310†	*	8	8	*	*	0	*	167	10	6	52	17	*	24	6	0
Malignant neoplasm of prostate	660†	7	22	7	*	*	*	*	332	43	13	109	35	6	50	19	*
Malignant neoplasm of kidney and renal pelvis	320†	6	9	9	*	*	0	*	167	16	*	56	22	*	17	7	*
Malignant neoplasm of bladder	360†	*	12	6	*	*	0	*	198	10	9	65	15	*	20	12	*

TABLE 5E-12 (continued)
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2017

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																	
Malignant neoplasm of meninges, brain and other parts of CNS	340†	0	8	*	*	*	*	*	215	14	*	44	15	*	28	*	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	1,170†	12	27	9	9	6	*	*	673	56	17	174	69	8	72	35	*
Hodgkin's disease	30†	0	0	0	*	0	0	0	15	*	0	8	*	0	*	*	0
Non-Hodgkin's lymphoma	390†	*	7	*	*	*	0	*	217	14	*	61	24	*	27	15	*
Leukemia	480†	*	12	*	*	*	*	0	301	20	7	59	27	*	25	16	0
Multiple myeloma and immunoproliferative neoplasms	270†	*	8	*	*	*	0	*	140	21	7	46	17	*	18	*	0
Other and unspecified malignant neoplasms of lymphoid tissue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasm	1,300†	12	34	18	12	*	*	*	662	92	22	225	72	7	74	52	10
In situ neoplasms	360†	*	9	7	*	*	0	*	198	23	8	67	14	*	18	6	*
Anemias	60†	0	*	0	*	0	0	0	23	8	0	14	*	*	*	0	*
Diabetes	2,040†	42	50	26	26	23	*	10	1,074	73	51	365	119	15	74	73	12
Nutritional deficiencies	220†	*	7	11	6	0	0	*	60	10	*	49	*	*	58	*	*
Malnutrition	210†	*	7	*	6	0	0	*	58	10	*	48	*	*	56	*	*
Other nutritional deficiencies	10†	0	0	7	0	0	0	0	*	0	*	*	0	0	*	0	0
Obesity	210†	*	*	6	*	0	0	0	105	14	*	43	13	*	7	*	0
Meningitis	20†	0	0	*	0	0	0	0	12	0	*	*	*	0	0	0	0
Parkinson's disease	750†	6	16	19	*	*	*	*	452	24	12	115	33	*	42	17	*
Alzheimer's disease	3,050	14	33	23	17	12	6	7	1,796	154	35	529	116	17	219	64	8
Major cardiovascular diseases	16,429	169	402	218	220	74	16	126	8,865	1,056	228	2,659	896	92	839	479	90
Diseases of heart	12,285	129	316	166	176	51	13	107	6,520	872	156	1,984	674	68	634	347	72
Acute rheumatic fever and chronic rheumatic heart disease	80†	*	*	0	*	0	0	0	40	*	*	16	*	*	7	*	0
Hypertensive heart disease	1,120†	*	20	14	8	*	*	*	701	29	8	168	87	*	44	19	7
Hypertensive heart and renal disease	150†	*	7	*	*	0	0	*	93	7	0	24	*	*	*	*	0
Ischemic heart disease	7,814	93	206	110	118	30	8	83	3,986	681	104	1,249	410	51	404	228	53
Acute myocardial infarction	1,690†	30	49	20	26	11	*	19	815	74	34	354	95	14	78	61	*
Other acute ischemic heart disease	40†	0	*	*	0	*	0	0	14	*	0	7	*	*	*	*	0
Other forms of chronic ischemic heart disease	6,086	63	156	88	92	17	6	64	3,157	605	70	888	311	36	323	162	48
Atherosclerotic cardiovascular disease	1,950†	11	27	39	56	*	0	*	1,038	334	9	185	79	*	130	*	25
All other forms of chronic ischemic heart disease	4,136	52	129	49	36	12	6	61	2,119	271	61	703	232	32	193	157	23
Other heart diseases	3,120†	27	81	41	45	17	*	20	1,700	153	43	527	171	10	175	97	12
Acute and subacute endocarditis	30†	0	*	0	0	0	0	0	11	*	0	*	*	0	*	0	0
Diseases of pericardium and acute myocarditis	10†	0	0	0	0	0	0	0	11	0	0	*	0	0	0	0	0
Heart failure	790†	11	33	9	11	6	*	7	397	44	12	133	43	*	47	34	*
All other forms of heart disease	2,290†	16	46	32	34	11	*	12	1,281	108	31	390	123	7	126	63	11
Essential (primary) hypertension and hypertensive renal disease	1,020†	6	13	9	11	*	0	6	663	35	10	123	77	*	30	28	*
Cerebrovascular diseases	2,650†	28	63	36	29	15	*	10	1,425	117	53	475	115	21	154	90	13

TABLE 5E-12 (continued)
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2017

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																
Atherosclerosis	90†	0	*	*	*	*	*	0	45	9	0	14	8	0	*	6	0
Other diseases of circulatory system	390†	6	9	6	*	*	*	0	*	212	23	9	63	22	0	17	8
Aortic aneurysm and dissection	200†	*	*	*	*	*	*	0	*	107	14	*	38	9	0	9	*
Other disease of arteries, arterioles and capillaries	190†	*	*	*	*	*	*	0	*	105	9	*	25	13	0	8	*
Other disorders of circulatory system	110†	0	*	*	*	0	0	0	*	61	*	*	20	7	*	*	*
Influenza and pneumonia	850†	18	18	13	11	7	*	*	*	391	53	17	157	48	*	48	49
Influenza	120†	*	*	*	0	0	*	0	*	66	*	*	19	10	0	6	*
Pneumonia	730†	15	16	12	11	7	*	*	*	325	50	13	138	38	*	42	46
Other acute lower respiratory infections	10†	0	0	0	0	0	0	0	*	*	*	0	0	*	0	0	0
Acute bronchiolitis	10†	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	3,780†	23	89	42	70	29	*	22	1,934	281	66	577	236	7	279	98	21
Bronchitis, chronic and unspecified	10†	0	0	0	0	0	0	0	*	*	*	0	*	0	*	*	0
Emphysema	150†	*	*	10	*	*	0	0	0	44	12	9	38	6	*	9	*
Asthma	90†	0	*	*	*	*	0	*	*	50	6	0	20	*	0	*	0
Other chronic lower respiratory diseases	3,530†	20	83	30	65	26	*	21	1,836	262	57	517	224	*	268	92	20
Pneumoconioses and chemical effects	20†	*	0	0	0	0	0	0	*	*	*	0	7	*	0	0	*
Pneumonitis due to solids and liquids	290†	*	14	*	*	*	0	*	135	9	10	71	16	*	11	*	*
Other disease of respiratory system	710†	11	24	13	11	6	0	*	321	42	18	130	30	7	58	35	*
Peptic ulcer	80†	*	7	0	*	0	0	0	38	*	*	15	*	*	*	*	*
Diseases of appendix	10†	0	0	0	0	0	0	0	*	*	*	0	*	*	0	0	0
Hernia	40†	0	*	*	0	0	0	0	19	*	*	0	7	*	0	0	*
Chronic liver disease and cirrhosis	1,120†	26	33	30	23	9	*	9	516	70	35	169	84	10	63	30	14
Alcoholic liver disease	760†	19	16	26	17	8	0	8	372	39	29	100	52	*	45	17	12
Other chronic liver disease and cirrhosis	360†	7	17	*	6	*	*	*	144	31	6	69	32	7	18	13	*
Cholelithiasis and other disorders of gallbladder	70†	*	*	*	*	*	0	0	30	*	*	16	6	*	*	*	*
Nephritis, nephrotic syndrome and nephrosis	540†	12	18	9	16	8	*	*	200	48	14	122	28	*	30	24	0
Acute and rapidly progressive nephritic and nephrotic syndrome	10†	0	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	520†	11	18	9	16	8	*	*	190	48	13	117	28	*	30	24	0
Others disorders of kidney	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Infections of kidney	20†	0	0	0	0	0	0	0	9	*	*	0	6	*	*	*	0
Hyperplasia of prostate	10†	0	0	0	0	0	0	0	10	0	*	0	*	*	*	0	0
Inflammatory diseases of female pelvic organs	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium	20†	*	*	0	0	0	0	*	10	*	*	*	6	0	*	0	0
Pregnancy with abortive outcome	0	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, 2017

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																
Other complications of pregnancy, childbirth and the puerperium	20†	*	*	0	0	0	0	*	10	*	*	*	6	0	*	0	0
Perinatal conditions	220†	*	*	*	*	*	*	*	0	143	*	*	26	11	*	*	6
Congenital anomalies, deformations and chromosomal abnormalities	200†	*	*	*	*	*	*	*	0	123	6	*	22	13	*	10	0
Symptoms, signs, abnormal findings	1,270†	43	10	13	16	*	*	*	7	1,005	13	15	45	52	*	19	19
Total accidents	4,090†	102	83	95	58	24	*	15	2,229	132	114	642	169	17	219	84	98
Transport accidents	1,070†	46	24	36	22	9	*	8	543	29	52	133	70	6	48	25	15
Motor vehicle accidents	980†	44	24	32	22	9	*	8	493	27	51	119	67	*	42	22	13
Other land transport accidents	30†	*	0	*	0	0	*	0	13	0	*	6	*	0	*	0	0
Water, air, space	60†	*	0	*	0	0	0	0	37	*	0	8	*	*	*	*	*
Nontransport accidents	3,020†	56	59	59	36	15	*	7	1,686	103	62	509	99	11	171	59	83
Falls	1,080†	8	21	13	16	*	0	*	595	28	12	219	31	*	102	18	*
Accidental discharge of firearms	10†	*	0	*	0	0	0	0	*	0	0	*	0	0	0	0	0
Accidental drowning and submersion	110†	*	*	0	0	0	0	0	66	*	*	12	*	0	6	*	*
Accidental exposure to smoke, fire and flames	50†	*	*	*	*	0	0	0	27	*	*	8	*	0	0	*	0
Accidental poisoning	1,370†	23	25	34	12	6	*	*	808	28	22	226	48	7	42	27	61
Other and unspecified nontransport accidents	400†	18	11	9	7	*	*	*	187	41	21	42	14	*	21	9	13
Intentional self-harm (suicide)	1,300†	21	37	38	20	10	*	13	657	68	44	214	63	*	79	21	14
By discharge of firearms	790†	11	29	17	13	*	0	10	406	46	21	121	40	*	51	11	*
By other means	520†	10	8	21	7	*	*	*	251	22	23	93	23	*	28	10	10
Assault (homicide)	430†	11	*	13	*	*	0	*	245	*	14	76	28	*	6	*	17
By discharge of firearms	300†	*	*	6	*	*	0	*	186	*	9	46	21	0	6	*	8
By other means	130†	6	*	7	*	0	0	0	59	*	*	30	7	*	0	*	9
Legal intervention	10†	0	0	0	0	0	0	0	*	*	0	*	*	0	0	0	0
Events of undetermined intent	160†	*	*	6	8	0	0	*	80	21	7	14	7	0	6	*	*
Discharge of firearms	20†	0	0	0	0	0	0	0	12	*	0	*	*	0	0	0	*
Other and unspecified events of undetermined intent	140†	*	*	6	8	0	0	*	68	20	7	12	*	0	6	*	*
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	100†	*	*	*	*	0	0	0	55	*	*	13	10	0	*	*	0
INJURY BY FIREARMS	1,120†	18	31	24	16	7	0	11	610	52	30	175	64	*	57	14	13
DRUG-INDUCED DEATHS	1,590†	6	29	27	24	7	*	7	943	56	20	259	60	9	55	28	62
OPIOID-INDUCED DEATHS	910†	*	17	10	8	*	*	*	576	31	*	176	33	7	19	*	24
ALCOHOL-INDUCED DEATHS	1,210†	46	24	55	19	8	0	10	568	70	60	170	77	*	54	25	21

TABLE 5E-12 (continued)
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2017

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, all causes	30,721	392	765	464	397	159	40	198	16,042	1,847	601	5,016	1,813	159	1,703	802	323
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	80†	*	*	*	0	*	0	*	34	*	0	20	8	*	*	*	0
Enterocolitis due to Clostridium difficile	60†	*	*	*	0	0	0	0	29	*	0	14	*	0	*	*	0
Tuberculosis	0†	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	0
Other tuberculosis	0	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
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	220†	*	8	*	*	0	0	0	102	11	*	48	16	0	13	11	*
Syphilis	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	130†	0	*	*	*	0	*	0	59	11	*	29	12	*	6	*	*
Human immunodeficiency virus (HIV) disease	80†	*	*	*	0	0	0	0	46	*	*	8	*	*	*	*	*
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	0	47	*	*	26	8	0	0	*	*
Malignant neoplasms	6,493	46	160	81	58	25	7	39	3,438	437	101	1,048	406	42	402	161	42
Malignant neoplasm of lip, oral cavity and pharynx	130†	0	*	*	*	0	0	*	61	13	*	25	6	*	11	*	0
Malignant neoplasm of esophagus	270†	*	*	*	7	*	0	*	142	25	*	37	20	*	13	7	*
Malignant neoplasm of stomach	120†	*	*	*	*	*	0	*	58	*	*	20	9	*	10	7	*
Malignant neoplasm of colon, rectum and anus	640†	8	21	6	*	0	0	*	351	45	13	93	39	*	37	13	*
Malignant neoplasm of liver and intrahepatic bile ducts	400†	*	10	7	*	*	*	*	215	20	6	78	23	*	16	*	6
Malignant neoplasm of pancreas	480†	*	7	7	*	*	0	*	280	24	*	68	39	*	30	11	*
Malignant neoplasm of larynx	60†	0	*	0	0	0	0	*	17	9	*	13	7	*	*	*	*
Malignant neoplasm of trachea, bronchus and lung	1,490†	*	31	20	16	6	*	13	776	124	29	223	103	*	91	33	12
Malignant melanoma of skin	130†	0	*	*	*	0	0	*	59	8	*	24	13	*	10	*	*
Malignant neoplasm of breast	10†	0	0	*	0	0	0	0	6	*	0	0	0	0	0	0	0
Malignant neoplasm of prostate	660†	7	22	7	*	*	*	*	332	43	13	109	35	6	50	19	*
Malignant neoplasm of kidney and renal pelvis	210†	*	*	*	*	*	0	*	111	13	*	37	12	0	10	6	0
Malignant neoplasm of bladder	280†	*	11	*	*	*	0	*	148	10	8	52	11	*	17	8	*

TABLE 5E-12 (continued)
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2017

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	
	MALE DEATHS																
Malignant neoplasm of meninges, brain and other parts of CNS	190†	0	6	*	0	*	*	0	124	8	*	20	10	*	18	*	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	690†	*	19	6	6	*	*	0	393	31	11	111	41	*	42	18	*
Hodgkin's disease	20†	0	0	0	*	0	0	0	7	*	0	*	0	0	*	0	0
Non-Hodgkin's lymphoma	240†	*	*	*	*	*	0	*	136	9	*	36	17	*	16	9	*
Leukemia	280†	*	8	*	*	0	0	0	168	12	6	37	15	*	15	8	0
Multiple myeloma and immunoproliferative neoplasms	160†	0	8	*	*	0	0	0	82	9	*	33	9	*	10	*	0
Other and unspecified malignant neoplasms of lymphoid tissue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasm	740†	6	17	10	6	*	*	*	365	60	6	138	38	*	43	26	10
In situ neoplasms	200†	0	8	*	*	*	0	0	114	10	*	42	7	*	11	*	*
Anemias	20†	0	*	0	0	0	0	0	11	*	0	6	*	0	*	0	0
Diabetes	1,190†	25	24	16	15	11	*	*	627	48	26	210	74	11	47	41	7
Nutritional deficiencies	90†	0	*	6	*	0	0	0	17	*	*	24	*	*	22	*	*
Malnutrition	80†	0	*	*	*	0	0	0	17	*	0	23	*	*	22	*	*
Other nutritional deficiencies	10†	0	0	*	0	0	0	0	0	0	*	*	0	0	0	0	0
Obesity	120†	*	*	6	*	0	0	0	56	11	*	26	8	*	7	*	0
Meningitis	10†	0	0	0	0	0	0	0	*	0	*	*	*	0	0	0	0
Parkinson's disease	480†	*	6	9	*	*	0	*	292	15	9	74	19	*	29	8	*
Alzheimer's disease	1,080†	*	14	11	8	6	*	*	616	72	8	169	54	*	73	23	6
Major cardiovascular diseases	8,868	86	241	118	119	42	8	81	4,617	647	134	1,382	535	50	478	259	71
Diseases of heart	6,973	72	195	98	99	30	7	70	3,579	553	97	1,080	429	38	369	197	60
Acute rheumatic fever and chronic rheumatic heart disease	30†	0	0	0	0	0	0	0	13	*	*	*	*	*	*	*	0
Hypertensive heart disease	530†	*	9	7	6	*	*	*	327	19	*	63	55	*	17	6	6
Hypertensive heart and renal disease	70†	0	*	*	*	0	0	*	45	*	0	11	*	0	*	*	0
Ischemic heart disease	4,830†	53	132	69	67	17	*	53	2,411	444	66	761	275	29	261	141	46
Acute myocardial infarction	1,040†	12	31	12	15	8	*	12	495	55	22	211	64	10	47	38	*
Other acute ischemic heart disease	20†	0	0	*	0	*	0	0	*	*	0	*	*	*	*	*	0
Other forms of chronic ischemic heart disease	3,770†	41	101	56	52	8	*	41	1,911	388	44	545	209	18	212	99	42
Atherosclerotic cardiovascular disease	1,280†	8	20	23	35	*	0	*	647	219	8	135	60	*	93	*	25
All other forms of chronic ischemic heart disease	2,490†	33	81	33	17	6	*	39	1,264	169	36	410	149	16	119	97	17
Other heart diseases	1,520†	17	51	21	22	11	*	14	783	85	27	242	95	6	86	48	8
Acute and subacute endocarditis	20†	0	*	0	0	0	0	*	7	*	0	0	*	0	*	0	0
Diseases of pericardium and acute myocarditis	0†	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0
Heart failure	390†	7	23	*	*	*	*	7	175	28	6	65	24	*	23	15	0
All other forms of heart disease	1,110†	10	27	17	18	7	*	6	598	56	21	176	67	*	61	33	8
Essential (primary) hypertension and hypertensive renal disease	480†	*	*	*	*	*	0	*	298	16	6	65	41	*	21	13	*
Cerebrovascular diseases	1,170†	9	35	15	13	7	*	*	618	63	27	195	50	10	78	41	6

TABLE 5E-12 (continued)
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2017

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	
	MALE DEATHS																
Atherosclerosis	40†	0	*	0	0	0	0	0	18	*	0	8	*	0	*	0	0
Other diseases of circulatory system	200†	*	6	*	*	*	*	*	104	12	*	34	12	0	7	6	*
Aortic aneurysm and dissection	120†	*	*	*	0	*	0	*	60	7	*	21	7	0	*	*	*
Other disease of arteries, arterioles and capillaries	90†	*	*	0	*	*	0	*	44	*	*	13	*	0	*	*	*
Other disorders of circulatory system	60†	0	*	*	*	0	0	*	33	*	0	8	6	0	*	*	*
Influenza and pneumonia	430†	9	9	7	*	*	*	*	194	23	8	82	28	*	24	22	6
Influenza	60†	*	*	0	0	0	0	0	31	*	*	10	*	0	*	*	0
Pneumonia	370†	8	7	7	*	*	*	*	163	21	*	72	23	*	19	21	6
Other acute lower respiratory infections	0†	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	0
Unspecified acute lower respiratory infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases	1,810†	10	53	18	34	14	*	15	873	142	35	272	123	*	141	53	15
Bronchitis, chronic and unspecified	0†	0	0	0	0	0	0	0	*	*	0	*	0	0	0	0	0
Emphysema	80†	*	*	*	*	*	0	0	18	*	*	22	*	*	6	*	0
Asthma	30†	0	*	0	0	*	0	*	15	*	0	6	*	0	0	*	0
Other chronic lower respiratory diseases	1,700†	9	48	13	33	12	*	14	838	132	32	243	117	*	135	49	15
Pneumoconioses and chemical effects	20†	*	0	0	0	0	0	0	*	*	0	7	*	0	0	0	*
Pneumonitis due to solids and liquids	160†	0	8	*	*	*	0	*	68	6	7	44	12	*	*	*	0
Other disease of respiratory system	400†	*	12	*	7	*	0	*	190	23	8	75	15	*	36	20	0
Peptic ulcer	30†	*	*	0	*	0	0	0	11	*	0	7	*	0	*	0	0
Diseases of appendix	0†	0	0	0	0	0	0	0	*	*	0	0	*	0	0	0	0
Hernia	20†	0	*	*	0	0	0	0	13	*	0	*	*	0	*	0	*
Chronic liver disease and cirrhosis	690†	13	20	16	18	*	*	7	322	43	17	109	46	6	39	20	10
Alcoholic liver disease	510†	11	10	16	13	*	0	6	254	27	13	74	27	*	27	12	9
Other chronic liver disease and cirrhosis	190†	*	10	0	*	0	*	*	68	16	*	35	19	*	12	8	*
Cholelithiasis and other disorders of gallbladder	40†	*	*	0	0	0	0	0	17	*	*	7	*	0	*	*	*
Nephritis, nephrotic syndrome and nephrosis	300†	7	10	*	11	*	0	*	111	28	9	68	14	*	16	11	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	10†	0	0	0	0	0	0	0	*	0	*	0	0	0	0	0	0
Renal failure	290†	7	10	*	11	*	0	*	107	28	8	66	14	*	16	11	0
Others disorders of kidney	0	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	0	*	0
Hyperplasia of prostate	10†	0	0	0	0	0	0	0	10	0	*	0	*	*	*	0	0

TABLE 5E-12 (continued)
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2017

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
	MALE DEATHS																
	130+	*	*	*	*	*	*	*	0	83	*	*	20	*	0	*	*
Perinatal conditions	110+	*	*	*	*	*	*	0 <td>0<td>72</td><td>*</td><td>*</td><td>6</td><td>8</td><td>*</td><td>*</td><td>0</td></td>	0 <td>72</td> <td>*</td> <td>*</td> <td>6</td> <td>8</td> <td>*</td> <td>*</td> <td>0</td>	72	*	*	6	8	*	*	0
Congenital anomalies, deformations and chromosomal abnormalities	600+	32	6	9	8	*	0	*	447	*	7	25	32	0	7	*	14
Symptoms, signs, abnormal findings	2,610+	73	55	63	32	10	*	7	1,394	99	85	401	114	11	127	55	78
Total accidents	760+	36	18	22	16	*	*	6	378	25	39	101	56	*	34	15	10
Transport accidents	690+	34	18	18	16	*	0	6	340	23	38	91	53	*	29	12	8
Motor vehicle accidents	20+	*	0	*	0	0	*	0	11	0	*	*	*	0	*	0	0
Other land transport accidents	50+	*	0	*	0	0	0	0	27	*	0	6	*	*	*	*	*
Water, air, space	1,840+	37	37	41	16	7	*	*	1,016	74	46	300	58	8	93	40	68
Nontransport accidents	510+	*	13	7	6	*	0	*	267	17	10	99	17	*	50	12	*
Falls	10+	*	0	*	0	0	0	0	*	0	0	*	0	0	0	0	0
Accidental discharge of firearms	70+	*	0	0	0	0	0	0	48	*	*	7	*	0	*	*	*
Accidental drowning and submersion	40+	*	*	*	*	0	0	0	13	*	*	8	*	0	0	*	0
Accidental exposure to smoke, fire and flames	960+	18	16	23	7	*	*	0	569	22	15	159	29	*	25	17	50
Accidental poisoning	260+	12	7	8	*	*	*	0	116	30	16	26	7	*	15	6	9
Other and unspecified nontransport accidents	1,000+	19	30	25	18	8	*	12	492	57	30	165	52	*	60	16	13
Intentional self-harm (suicide)	670+	10	24	14	12	*	0	9	337	41	15	104	36	*	47	8	*
By discharge of firearms	330+	9	6	11	6	*	*	*	155	16	15	61	16	0	13	8	9
By other means	340+	9	*	9	*	*	0	*	186	*	11	57	23	*	6	*	15
Assault (homicide)	250+	*	*	*	*	*	0	*	146	*	8	39	17	0	6	*	8
By discharge of firearms	90+	*	0	*	*	0	0	0	40	*	*	18	6	*	0	*	7
By other means	10+	0	0	0	0	0	0	0	*	*	0	*	0	0	0	0	0
Legal intervention	100+	*	*	*	*	0	0	0	51	16	6	8	6	0	*	0	*
Events of undetermined intent	10+	0	0	0	0	0	0	0	8	*	0	*	*	0	0	0	*
Discharge of firearms	90+	*	*	*	*	0	0	0	43	15	6	6	*	0	*	0	*
Other and unspecified events of undetermined intent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Operations of war	50+	*	*	*	0	0	0	0	28	*	*	*	*	*	*	*	0
Complications of medical and surgical care																	
																</	

TABLE 5E-12 (continued)
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2017

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, all causes	26,537	297	579	395	326	146	25	122	14,756	1,297	458	4,511	1,296	138	1,411	689	91
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	120†	*	*	*	*	*	0	0	67	11	*	18	*	0	9	*	0
Enterocolitis due to Clostridium difficile	90†	*	*	*	*	*	0	0	49	6	*	12	*	0	*	*	0
Tuberculosis	10†	0	0	0	0	0	0	0	*	*	*	*	0	0	0	*	0
Respiratory tuberculosis	10†	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
Whooping cough	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	240†	6	7	*	*	*	0	*	112	14	6	49	16	*	9	9	0
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	60†	0	*	0	*	0	0	0	38	*	*	10	*	*	*	0	*
Human immunodeficiency virus (HIV) disease	10†	0	0	0	0	0	0	0	9	0	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	0	48	*	*	25	6	*	*	*	0
Malignant neoplasms	5,420†	47	125	73	62	26	*	23	3,049	282	77	864	308	27	306	143	7
Malignant neoplasm of lip, oral cavity and pharynx	50†	0	*	0	0	0	0	0	30	7	0	8	*	0	*	*	0
Malignant neoplasm of esophagus	60†	0	0	*	*	0	0	*	23	8	*	10	*	*	*	*	*
Malignant neoplasm of stomach	80†	*	*	*	*	*	0	0	44	*	*	18	*	0	*	0	0
Malignant neoplasm of colon, rectum and anus	480†	*	7	11	8	*	0	*	281	25	*	76	30	*	13	11	*
Malignant neoplasm of liver and intrahepatic bile ducts	180†	*	*	*	*	*	0	0	101	*	*	35	8	*	15	*	0
Malignant neoplasm of pancreas	430†	7	14	*	*	*	0	*	247	16	11	69	18	*	23	12	0
Malignant neoplasm of larynx	10†	0	0	0	0	0	0	0	7	*	0	*	0	0	*	0	0
Malignant neoplasm of trachea, bronchus and lung	1,270†	*	35	10	19	7	*	10	677	84	8	208	82	*	84	34	*
Malignant melanoma of skin	60†	*	*	0	0	*	0	0	35	7	0	6	*	0	*	*	0
Malignant neoplasm of breast	830†	*	17	10	8	*	*	*	491	43	14	128	40	*	40	21	*
Malignant neoplasm of cervix uteri	80†	0	*	0	*	0	0	0	52	*	0	8	6	*	*	*	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	200†	6	*	*	*	0	0	0	120	*	*	36	12	0	9	*	0
Malignant neoplasm of ovary	310†	*	8	8	*	*	0	*	167	10	6	52	17	*	24	6	0
Malignant neoplasm of kidney and renal pelvis	120†	*	7	*	*	*	0	0	56	*	*	19	10	*	7	*	*
Malignant neoplasm of bladder	80†	0	*	*	*	*	0	*	50	0	*	13	*	0	*	*	0

TABLE 5E-12 (continued)
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2017

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	FEMALE DEATHS																		
	ARIZONA	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 CNS	150†	0	*	*	*	*	*	0	*	91	6	*	24	*	*	10	0	0	
Malignant neoplasm of lymphoid, hematopoietic and related tissue	480†	7	8	*	*	*	*	*	0	280	25	6	63	28	*	30	17	0	
Hodgkin's disease	10†	0	0	0	0	0	0	0	0	8	0	0	*	*	0	*	0	0	
Non-Hodgkin's lymphoma	150†	*	*	*	*	*	*	0	0	81	*	*	25	7	*	11	6	0	
Leukemia	210†	*	*	*	*	*	*	*	0	133	8	*	22	12	0	10	8	0	
Multiple myeloma and immunoproliferative neoplasms	110†	*	0	0	*	*	*	0	0	58	12	*	13	8	0	8	*	0	0
Other and unspecified malignant neoplasms of lymphoid tissue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasm	570†	6	17	8	6	*	*	0	*	297	32	16	87	34	*	31	26	0	0
In situ neoplasms	160†	*	*	6	*	*	0	0	*	84	13	6	25	7	0	7	*	0	0
Anemias	30†	0	*	0	*	0	0	0	0	12	7	0	8	*	*	*	0	*	*
Diabetes	850†	17	26	10	11	12	*	*	*	447	25	25	155	45	*	27	32	*	*
Nutritional deficiencies	140†	*	*	*	*	0	0	0	*	43	*	*	25	*	*	36	0	0	0
Malnutrition	130†	*	*	*	*	0	0	0	*	41	*	*	25	*	*	34	0	0	0
Other nutritional deficiencies	10†	0	0	*	0	0	0	0	0	*	0	*	0	0	0	*	0	0	0
Obesity	80†	0	*	0	*	0	0	0	0	49	*	*	17	*	0	0	*	0	0
Meningitis	10†	0	0	*	0	0	0	0	0	8	0	0	*	*	0	0	0	0	0
Parkinson's disease	270†	*	10	10	0	*	*	*	0	160	9	*	41	14	*	13	9	0	0
Alzheimer's disease	1,970†	9	19	12	9	6	*	*	*	1,180	82	27	360	62	12	146	41	*	*
Major cardiovascular diseases	7,561	83	161	100	101	32	8	45	4,248	409	94	1,277	361	42	361	220	19	19	19
Diseases of heart	5,312	57	121	68	77	21	6	37	2,941	319	59	904	245	30	265	150	12	12	12
Acute rheumatic fever and chronic rheumatic heart disease	50†	*	*	0	*	0	0	0	0	27	*	0	13	*	0	*	0	0	0
Hypertensive heart disease	600†	*	11	7	*	*	0	0	*	374	10	*	105	32	*	27	13	*	*
Hypertensive heart and renal disease	70†	*	*	0	0	0	0	0	0	48	*	0	13	*	*	*	*	0	0
Ischemic heart disease	2,990†	40	74	41	51	13	*	30	1,575	237	38	488	135	22	143	87	7	7	7
Acute myocardial infarction	650†	18	18	8	11	*	*	7	320	19	12	143	31	*	31	23	*	*	*
Other acute ischemic heart disease	20†	0	*	*	0	*	0	0	0	9	*	0	*	*	0	*	*	0	0
Other forms of chronic ischemic heart disease	2,320†	22	55	32	40	9	*	23	1,246	217	26	343	102	18	111	63	6	6	6
Atherosclerotic cardiovascular disease	670†	*	7	16	21	*	0	*	391	115	*	50	19	*	37	*	0	0	0
All other forms of chronic ischemic heart disease	1,650†	19	48	16	19	6	*	22	855	102	25	293	83	16	74	60	6	6	6
Other heart diseases	1,610†	10	30	20	23	6	*	6	917	68	16	285	76	*	89	49	*	*	*
Acute and subacute endocarditis	10†	0	*	0	0	0	0	0	*	0	0	0	*	*	0	0	0	0	0
Diseases of pericardium and acute myocarditis	8	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0
Heart failure	410†	*	10	*	7	*	*	0	222	16	6	68	19	*	24	19	*	*	*
All other forms of heart disease	1,180†	6	19	15	16	*	0	6	683	52	10	214	56	*	65	30	*	*	*
Essential (primary) hypertension and hypertensive renal disease	540†	*	9	6	6	0	0	*	365	19	*	58	36	*	9	15	0	0	0
Cerebrovascular diseases	1,470†	19	28	21	16	8	*	*	807	54	26	280	65	11	76	49	7	7	7

TABLE 5E-12 (continued)
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2017

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	FEMALE DEATHS																
	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Atherosclerosis	50†	0	0	*	*	*	*	*	27	6	0	6	*	0	*	*	0
Other diseases of circulatory system	190†	*	*	*	*	*	*	0	108	11	*	29	10	0	10	*	0
Aortic aneurysm and dissection	90†	0	*	*	*	*	0	0	47	7	*	17	*	0	*	0	0
Other disease of arteries, arterioles and capillaries	100†	*	*	*	0	*	0	0	61	*	*	12	8	0	*	*	0
Other disorders of circulatory system	50†	0	0	0	*	0	0	*	28	*	*	12	*	*	0	0	0
Influenza and pneumonia	430†	9	9	6	6	*	*	*	197	30	9	75	20	*	24	27	*
Influenza	60†	*	0	*	0	0	*	0	35	*	*	9	*	0	*	*	0
Pneumonia	370†	7	9	*	6	*	*	*	162	29	8	66	15	*	23	25	*
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	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	1,970†	13	36	24	36	15	0	7	1,061	139	31	305	113	*	138	45	6
Bronchitis, chronic and unspecified	10†	0	0	0	0	0	0	0	*	0	0	*	*	0	*	*	0
Emphysema	70†	*	*	*	*	0	0	0	26	7	6	16	*	*	*	*	*
Asthma	60†	0	0	*	*	*	0	0	35	*	0	14	*	0	*	0	0
Other chronic lower respiratory diseases	1,830†	11	35	17	32	14	0	7	998	130	25	274	107	*	133	43	*
Pneumoconioses and chemical effects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonitis due to solids and liquids	130†	*	6	*	*	*	0	*	67	*	*	27	*	*	7	*	*
Other disease of respiratory system	310†	7	12	10	*	*	0	*	131	19	10	55	15	*	22	15	*
Peptic ulcer	50†	0	*	0	0	0	0	0	27	*	*	8	*	*	*	*	*
Diseases of appendix	0†	0	0	0	0	0	0	0	*	0	*	0	0	*	0	0	0
Hernia	10†	0	0	0	0	0	0	0	6	*	0	*	*	0	0	0	0
Chronic liver disease and cirrhosis	430†	13	13	14	*	6	0	*	194	27	18	60	38	*	24	10	*
Alcoholic liver disease	260†	8	6	10	*	*	0	*	118	12	16	26	25	0	18	*	*
Other chronic liver disease and cirrhosis	170†	*	7	*	*	*	0	0	76	15	*	34	13	*	6	*	*
Cholelithiasis and other disorders of gallbladder	30†	0	*	*	*	*	0	0	13	0	0	9	*	*	0	*	0
Nephritis, nephrotic syndrome and nephrosis	240†	*	8	*	*	*	*	*	89	20	*	54	14	*	14	13	0
Acute and rapidly progressive nephritic and nephrotic syndrome	10†	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	0	0
Renal failure	230†	*	8	*	*	*	*	*	83	20	*	51	14	*	14	13	0
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	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium	20†	*	*	0	0	0	0	*	10	*	*	*	6	0	*	0	0
Pregnancy with abortive outcome	0	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, 2017

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
	FEMALE DEATHS																
	20+	*	*	0	0	0	0	*	10	*	*	*	6	0	*	0	0
Other complications of pregnancy, childbirth and the puerperium	90+	0	*	*	*	*	0 <td>0<td>60</td><td>*</td><td>*</td><td>6</td><td>7</td><td>*</td><td>0</td><td>*</td><td>*</td></td>	0 <td>60</td> <td>*</td> <td>*</td> <td>6</td> <td>7</td> <td>*</td> <td>0</td> <td>*</td> <td>*</td>	60	*	*	6	7	*	0	*	*
Perinatal conditions	90+	*	*	*	*	0 <td>0<td>0<td>51</td><td>*</td><td>*</td><td>16</td><td>*</td><td>0</td><td>*</td><td>*</td><td>*</td></td></td>	0 <td>0<td>51</td><td>*</td><td>*</td><td>16</td><td>*</td><td>0</td><td>*</td><td>*</td><td>*</td></td>	0 <td>51</td> <td>*</td> <td>*</td> <td>16</td> <td>*</td> <td>0</td> <td>*</td> <td>*</td> <td>*</td>	51	*	*	16	*	0	*	*	*
Congenital anomalies, deformations and chromosomal abnormalities	660+	11	*	*	8	*	*	*	558	9	8	20	20	*	12	0	*
Symptoms, signs, abnormal findings	1,480+	29	28	32	26	14	*	8	835	33	29	241	55	6	92	29	20
Total accidents	310+	10	6	14	6	6	*	*	165	*	13	32	14	*	14	10	*
Transport accidents	290+	10	6	14	6	6	*	*	153	*	13	28	14	*	13	10	*
Motor vehicle accidents	10+	0	0	0	0	0	0	0 <td>*</td> <td>0</td> <td>0</td> <td>*</td> <td>0</td> <td>0</td> <td>*</td> <td>0</td> <td>0</td>	*	0	0	*	0	0	*	0	0
Other land transport accidents	10+	0	0	0	0	0	0	0	10	0	0	*	0	0	0	0	0
Water, air, space	1,170+	19	22	18	20	8	0	6	670	29	16	209	41	*	78	19	15
Nontransport accidents	570+	*	8	6	10	*	0	*	328	11	*	120	14	0	52	6	0
Falls	0+	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0
Accidental discharge of firearms	30+	*	*	0	0	0	0	0	18	0	*	*	*	0	*	0	0
Accidental drowning and submersion	20+	0	0	0	0	0	0	0	14	*	*	0	0	0	0	0	0
Accidental exposure to smoke, fire and flames	420+	*	9	11	*	*	0	*	239	6	7	67	19	*	17	10	11
Accidental poisoning	140+	6	*	*	*	*	0	*	71	11	*	16	7	*	6	*	*
Other and unspecified nontransport accidents	300+	*	7	13	*	*	0	*	165	11	14	49	11	*	19	*	*
Intentional self-harm (suicide)	120+	*	*	*	*	0	0	*	69	*	6	17	*	0	*	*	0
By discharge of firearms	190+	*	*	10	*	*	0	0	96	6	8	32	7	*	15	*	*
By other means	100+	*	*	*	0	0	0	0	59	0	*	19	*	0	0	0	*
Assault (homicide)	60+	*	0	*	0	0	0	0	40	0	*	7	*	0	0	0	0
By discharge of firearms	40+	*	*	*	0	0	0	0	19	0	*	12	*	0	0	0	*
By other means	0+	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
Legal intervention	60+	*	*	*	*	0	0	*	29	*	*	6	*	0	*	*	0
Events of undetermined intent	0+	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Discharge of firearms	60+	*	*	*	*	0	0	*	25	*	*	6	*	0	*	*	0
Other and unspecified events of undetermined intent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Operations of war	50+	*	*	*	*	0	0	0	27	*	0	10	6	0	*	*	0
Complications of medical and surgical care																	
INJURY BY FIREARMS	180+	*	*	*	*	0	0	*	113	*	7	25	9	0	*	*	0
DRUG-INDUCED DEATHS	550+	*	12	13	9	*	0	*	316	16	8	82	22	*	30	13	12
OPIOID-INDUCED DEATHS	310+	0	7	*	*	*	0	*	190	10	0	59	12	*	10	*	*
ALCOHOL-INDUCED DEATHS	370+	13	7	20	*	*	0	*	170	21	23	48	30	0	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 5E-13
RATES^a FOR SELECTED LEADING CAUSES OF DEATH STATEWIDE AND BY COUNTY OF RESIDENCE, ARIZONA, 2017**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Total, all causes	822.0	947.6	1046.9	596.3	1315.8	796.9	593.0	1481.6	729.5	1498.6	951.8	928.5	727.3	576.6	1381.8	672.7
Cardiovascular disease	235.8	232.4	313.1	151.3	400.4	193.3	146.0	583.4	210.0	503.4	204.9	259.1	209.5	178.6	372.3	216.1
Diseases of heart	176.4	177.4	246.1	115.2	320.3	133.2	118.6	495.4	154.4	415.6	140.2	193.4	157.6	132.0	281.3	156.6
Coronary heart disease	128.3	134.8	176.0	86.1	229.3	88.8	82.1	398.2	111.0	338.4	100.7	138.1	116.2	106.8	198.8	111.4
Malignant neoplasms	171.1	127.9	222.0	106.9	218.4	133.2	109.5	287.1	153.7	342.7	160.0	186.3	167.0	134.0	314.2	137.2
Lung cancer	39.5	11.0	51.4	20.8	63.7	34.0	36.5	106.5	34.4	99.1	33.3	42.0	43.3	11.6	77.7	30.2
Colorectal cancer	16.0	17.9	21.8	11.8	23.7	2.6	0.0	13.9	15.0	33.4	13.5	16.5	16.1	19.4	22.2	10.8
Breast cancer	12.0	4.1	13.2	7.6	14.6	5.2	9.1	4.6	11.8	21.0	12.6	12.5	9.4	9.7	17.7	9.5
Prostate cancer	9.5	9.6	17.1	4.9	7.3	10.5	18.2	13.9	7.9	20.5	11.7	10.6	8.2	11.6	22.2	8.6
Malignant melanoma of skin	2.7	1.4	3.1	0.7	7.3	2.6	0.0	4.6	2.2	7.1	2.7	2.9	4.0	1.9	6.2	1.4
Cervical cancer	1.1	0.0	2.3	0.0	1.8	0.0	0.0	0.0	1.2	1.0	0.0	0.8	1.4	1.9	1.3	0.9
Accident (unintentional injury)	58.6	140.3	64.7	65.9	105.6	62.7	36.5	69.5	52.8	62.9	102.5	62.6	39.5	33.0	97.2	37.9
Accidental poisoning	19.7	31.6	19.5	23.6	21.8	15.7	9.1	18.5	19.1	13.3	19.8	22.0	11.2	13.6	18.6	12.2
Falls	15.4	11.0	16.4	9.0	29.1	10.5	0.0	9.3	14.1	13.3	10.8	21.3	7.2	3.9	45.3	8.1
Motor vehicle accident	14.1	60.5	18.7	22.2	40.0	23.5	9.1	37.0	11.7	12.9	45.8	11.6	15.7	9.7	18.6	9.9
Accidental drowning	1.5	5.5	0.8	0.0	0.0	0.0	0.0	0.0	1.6	1.4	3.6	1.2	0.5	0.0	2.7	1.8
Chronic lower respiratory diseases	54.3	31.6	69.3	29.2	127.4	75.8	45.6	101.9	45.8	133.9	59.3	56.2	55.2	13.6	123.8	44.2
Alzheimer's disease	43.8	19.3	25.7	16.0	30.9	31.4	54.7	32.4	42.5	73.4	31.5	51.6	27.1	33.0	97.2	28.9
Cerebrovascular disease	38.0	38.5	49.1	25.0	52.8	39.2	27.4	46.3	33.8	55.8	47.6	46.3	26.9	40.8	68.3	40.6
Diabetes	29.2	57.8	38.9	18.0	47.3	60.1	36.5	46.3	25.4	34.8	45.8	35.6	27.8	29.1	32.8	32.9
Intentional self-harm (suicide)	18.7	28.9	28.8	26.4	36.4	26.1	18.2	60.2	15.6	32.4	39.5	20.9	14.7	5.8	35.1	9.5
Chronic liver disease and cirrhosis	16.1	35.8	25.7	20.8	41.9	23.5	9.1	41.7	12.2	33.4	31.5	16.5	19.6	19.4	28.0	13.5
Essential (primary) hypertension	14.6	8.3	10.1	6.2	20.0	5.2	0.0	27.8	15.7	16.7	9.0	12.0	18.0	5.8	13.3	12.6
Influenza and pneumonia	12.2	24.8	14.0	9.0	20.0	18.3	36.5	23.2	9.3	25.3	15.3	15.3	11.2	9.7	21.3	22.1
Parkinson's disease	10.8	8.3	12.5	13.2	7.3	5.2	9.1	9.3	10.7	11.4	10.8	11.2	7.7	5.8	18.6	7.7
Nephritis	7.7	16.5	14.0	6.2	29.1	20.9	9.1	9.3	4.7	22.9	12.6	11.9	6.5	5.8	13.3	10.8
Septicemia	6.6	13.8	11.7	4.2	7.3	2.6	0.0	9.3	5.1	11.9	8.1	9.5	7.5	5.8	9.8	9.0
Assault (homicide)	6.2	15.1	2.3	9.0	9.1	5.2	0.0	4.6	5.8	1.9	12.6	7.4	6.5	1.9	2.7	1.8
HIV disease	1.3	4.1	0.8	1.4	0.0	0.0	0.0	0.0	1.3	1.4	1.8	1.1	1.2	1.9	0.4	0.5
INJURY BY FIREARMS	16.1	24.8	24.1	16.7	29.1	18.3	0.0	50.9	14.4	24.8	27.0	17.1	15.0	1.9	25.3	6.3
DRUG-INDUCED DEATHS	22.9	8.3	22.6	18.7	43.7	18.3	9.1	32.4	22.3	26.7	18.0	25.2	14.0	17.5	24.4	12.6
OPIOID-INDUCED DEATHS	13.1	2.8	13.2	6.9	14.6	5.2	9.1	4.6	13.6	14.8	1.8	17.2	7.7	13.6	8.4	1.8
ALCOHOL-INDUCED DEATHS	17.4	63.3	18.7	38.2	34.6	20.9	0.0	46.3	13.5	33.4	53.9	16.6	18.0	5.8	24.0	11.3

Note: ^a 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, 2017**

	ARIZONA	Apache	Cochise	Cocoino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Total, all causes	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
Cardiovascular disease	28.7	24.5	29.9	25.4	30.4	24.3	24.6	39.4	28.8	33.6	21.5	27.9	28.8	31.0	26.9	32.1
Diseases of heart	21.5	18.7	23.5	19.3	24.3	16.7	20.0	33.4	21.2	27.7	14.7	20.8	21.7	22.9	20.4	23.3
Coronary heart disease	15.6	14.2	16.8	14.4	17.4	11.1	13.8	26.9	15.2	22.6	10.6	14.9	16.0	18.5	14.4	16.6
Malignant neoplasms	20.8	13.5	21.2	17.9	16.6	16.7	18.5	19.4	21.1	22.9	16.8	20.1	23.0	23.2	22.7	20.4
Lung cancer	4.8	1.2	4.9	3.5	4.8	4.3	6.2	7.2	4.7	6.6	3.5	4.5	5.9	2.0	5.6	4.5
Colorectal cancer	2.0	1.9	2.1	2.0	1.8	0.3	0.0	0.9	2.1	2.2	1.4	1.8	2.2	3.4	1.6	1.6
Breast cancer	1.5	0.4	1.3	1.3	1.1	0.7	1.5	0.3	1.6	1.4	1.3	1.3	1.3	1.7	1.3	1.4
Prostate cancer	1.2	1.0	1.6	0.8	0.6	1.3	3.1	0.9	1.1	1.4	1.2	1.1	1.1	2.0	1.6	1.3
Malignant melanoma of skin	0.3	0.1	0.3	0.1	0.6	0.3	0.0	0.3	0.3	0.5	0.3	0.3	0.5	0.3	0.4	0.2
Cervical cancer	0.1	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.1	0.2	0.3	0.1	0.1
Accident (unintentional injury)	7.1	14.8	6.2	11.1	8.0	7.9	6.2	4.7	7.2	4.2	10.8	6.7	5.4	5.7	7.0	5.6
Accidental poisoning	2.4	3.3	1.9	4.0	1.7	2.0	1.5	1.3	2.6	0.9	2.1	2.4	1.5	2.4	1.3	1.8
Falls	1.9	1.2	1.6	1.5	2.2	1.3	0.0	0.6	1.9	0.9	1.1	2.3	1.0	0.7	3.3	1.2
Motor vehicle accident	1.7	6.4	1.8	3.7	3.0	3.0	1.5	2.5	1.6	0.9	4.8	1.2	2.2	1.7	1.3	1.5
Accidental drowning	0.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.1	0.1	0.0	0.2	0.3
Chronic lower respiratory diseases	6.6	3.3	6.6	4.9	9.7	9.5	7.7	6.9	6.3	8.9	6.2	6.1	7.6	2.4	9.0	6.6
Alzheimer's disease	5.3	2.0	2.5	2.7	2.4	3.9	9.2	2.2	5.8	4.9	3.3	5.6	3.7	5.7	7.0	4.3
Cerebrovascular disease	4.6	4.1	4.7	4.2	4.0	4.9	4.6	3.1	4.6	3.7	5.0	5.0	3.7	7.1	4.9	6.0
Diabetes	3.6	6.1	3.7	3.0	3.6	7.5	6.2	3.1	3.5	2.3	4.8	3.8	3.8	5.1	2.4	4.9
Intentional self-harm (suicide)	2.3	3.0	2.8	4.4	2.8	3.3	3.1	4.1	2.1	2.2	4.2	2.2	2.0	1.0	2.5	1.4
Chronic liver disease and cirrhosis	2.0	3.8	2.5	3.5	3.2	3.0	1.5	2.8	1.7	2.2	3.3	1.8	2.7	3.4	2.0	2.0
Essential (primary) hypertension	1.8	0.9	1.0	1.0	1.5	0.7	0.0	1.9	2.2	1.1	0.9	1.3	2.5	1.0	1.0	1.9
Influenza and pneumonia	1.5	2.6	1.3	1.5	1.5	2.3	6.2	1.6	1.3	1.7	1.6	1.6	1.5	1.7	1.5	3.3
Parkinson's disease	1.3	0.9	1.2	2.2	0.6	0.7	1.5	0.6	1.5	0.8	1.1	1.2	1.1	1.0	1.3	1.1
Nephritis	0.9	1.7	1.3	1.0	2.2	2.6	1.5	0.6	0.6	1.5	1.3	1.3	0.9	1.0	1.0	1.6
Septicemia	0.8	1.5	1.1	0.7	0.6	0.3	0.0	0.6	0.7	0.8	0.8	1.0	1.0	1.0	0.7	1.3
Assault (homicide)	0.8	1.6	0.2	1.5	0.7	0.7	0.0	0.3	0.8	0.1	1.3	0.8	0.9	0.3	0.2	0.3
HIV disease	0.2	0.4	0.1	0.2	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.1	0.2	0.3	0.0	0.1
INJURY BY FIREARMS	2.0	2.6	2.3	2.8	2.2	2.3	0.0	3.4	2.0	1.7	2.8	1.8	2.1	0.3	1.8	0.9
DRUG-INDUCED DEATHS	2.8	0.9	2.2	3.1	3.3	2.3	1.5	2.2	3.1	1.8	1.9	2.7	1.9	3.0	1.8	1.9
OPIOID-INDUCED DEATHS	1.6	0.3	1.3	1.2	1.1	0.7	1.5	0.3	1.9	1.0	0.2	1.8	1.1	2.4	0.6	0.3
ALCOHOL-INDUCED DEATHS	2.1	6.7	1.8	6.4	2.6	2.6	0.0	3.1	1.8	2.2	5.7	1.8	2.5	1.0	1.7	1.7

**TABLE 5E-15
MORTALITY BY FIVE-YEAR AGE GROUPS AND COUNTY OF RESIDENCE, ARIZONA, 2017**

	Total ^a	Infant's age group:				Age group																						
		<1 day	1-6 days	7-27 days	28-365 days	Total <1 year	1-4	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
ARIZONA	57,261	150†	80†	50†	170†	460†	100†	60†	80†	250†	480†	650†	680†	790†	950†	1,410†	2,000†	3,070†	4,081	5,203	6,125	6,777	7,360†	7,678	6,000†	2,550†	500†	10†
Apache	689	*	*	0	*	10†	*	0	*	11	13	18	22	23	23	23	35	49	51	64	77	71	73	57	42	23	*	0
Cochise	1,344	*	*	*	*	10†	*	0	*	*	*	17	10	16	9	29	47	57	110	145	139	184	188	191	127	44	12	0
Coconino	859	*	0	0	*	10†	*	*	*	11	10	22	24	23	28	40	41	53	47	92	72	82	110	88	66	33	*	0
Gila	723	*	*	0	*	10†	*	0	*	*	*	15	*	12	11	14	26	39	55	61	96	84	100	89	64	27	7	0
Graham	305	0	0	*	*	0†	*	*	*	*	*	*	*	8	*	8	11	19	23	26	36	33	45	38	27	7	0	0
Greenlee	65	*	0	0	*	0†	0	0	0	*	0	0	0	0	*	*	*	7	10	7	8	*	6	*	*	0	0	0
La Paz	320	0	0	*	*	0†	0	0	0	*	*	0	*	*	*	8	14	14	28	42	43	40	50	39	21	6	*	0
Maricopa	30,798	105	48	35	112	300	65	41	43	149	298	355	351	446	516	790	1,092	1,672	2,108	2,606	3,161	3,452	3,885	4,227	3,445	1,497	297	*
Mohave	3,144	*	*	*	*	10†	*	*	*	6	11	16	20	24	28	57	95	182	238	361	439	475	424	388	264	90	10	0
Navajo	1,059	*	*	*	8	20†	*	*	*	9	16	26	29	33	31	35	43	60	80	96	112	131	111	123	68	29	6	0
Pima	9,527	14	11	*	13	40†	10	6	8	28	69	98	115	102	146	210	294	470	741	883	968	1,120	1,210	1,348	1,084	478	95	*
Pinal	3,110	11	*	*	9	30†	*	*	*	18	19	38	48	50	68	86	128	168	231	363	414	414	376	340	215	79	16	0
Santa Cruz	297	*	0	0	*	0†	0	0	0	0	*	*	*	*	6	*	6	15	19	31	26	34	48	40	32	15	*	0
Yavapai	3,114	*	0	*	7	10†	*	*	*	12	14	21	21	21	32	51	76	148	185	253	350	406	474	465	376	177	32	0
Yuma	1,491	*	*	0	*	10†	*	*	*	10	13	16	16	10	15	24	42	68	99	126	153	222	241	223	151	44	13	0
Unknown	416	*	*	*	0	10†	0	0	*	*	*	9	9	18	25	28	49	56	59	44	32	21	19	16	13	*	*	*

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, 2007-2017

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA	701	625	547	519	504	495	447	535	473	454	461
Apache	6	13	11	7	9	*	10	16	10	15	6
Cochise	16	11	10	15	9	9	13	8	12	6	8
Coconino	13	11	6	15	7	9	10	8	10	10	6
Gila	10	*	*	7	7	*	*	*	*	*	7
Graham	7	6	*	*	*	*	*	*	*	*	*
Greenlee	0	*	0	*	*	0	*	*	0	0	*
La Paz	*	*	*	*	*	*	*	*	*	*	*
Maricopa	422	382	329	312	310	323	285	342	291	291	300
Mohave	17	8	12	11	18	*	6	14	16	9	11
Navajo	22	17	9	9	14	14	7	11	13	*	15
Pima	100	97	81	74	57	59	58	65	48	53	43
Pinal	39	33	39	20	26	26	18	29	26	23	28
Santa Cruz	*	*	*	11	*	6	*	*	*	*	*
Yavapai	19	9	15	10	7	10	8	11	13	11	11
Yuma	24	26	20	20	27	18	18	18	23	14	9
Unknown	0	*	*	*	*	*	*	*	*	9	6

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

TABLE 5E-17
INFANT MORTALITY RATES^a BY COUNTY OF RESIDENCE, ARIZONA, 2007-2017

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA	6.8	6.3	5.9	6.0	5.9	5.8	5.3	6.2	5.6	5.4	5.6
Apache	5.2	10.7	8.9	6.4	8.4	**	10.5	15.7	10.5	14.7	6.3
Cochise	8.6	6.2	5.4	8.4	5.4	5.3	8.1	4.9	7.7	3.9	6.0
Coconino	6.1	5.5	3.2	8.5	4.0	5.3	6.2	4.7	6.3	6.2	4.0
Gila	14.4	**	**	10.4	11.3	**	**	**	**	**	12.9
Graham	12.0	9.3	**	**	**	**	**	**	**	**	**
Greenlee	0.0	**	0.0	**	**	0.0	**	**	0.0	0.0	**
La Paz	**	**	**	**	**	**	**	**	**	**	**
Maricopa	6.4	6.1	5.7	5.8	5.8	5.9	5.3	6.2	5.3	5.4	5.7
Mohave	7.0	3.5	5.4	5.4	9.2	**	3.4	7.6	8.7	5.0	6.3
Navajo	10.9	8.7	4.8	5.2	8.5	8.6	4.5	6.8	8.6	**	10.0
Pima	7.2	7.2	6.3	6.1	4.8	5.0	4.8	5.5	4.2	4.6	3.9
Pinal	7.4	5.8	7.3	4.0	5.6	5.6	3.9	6.5	5.8	5.1	6.4
Santa Cruz	**	**	**	15.9	**	8.9	**	**	**	**	**
Yavapai	7.9	4.1	7.3	5.5	3.8	5.6	4.4	5.7	6.9	5.9	6.1
Yuma	7.4	7.7	6.2	6.2	8.4	5.8	5.8	5.9	7.6	4.7	3.0

Notes: ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; ^a 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, 2017

	Total			Race/ethnicity														
	Total ^a	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
ARIZONA	461	262	198	170†	90†	70†	170†	100†	70†	50†	30†	20†	50†	20†	20†	16	10	6
Apache	6	*	*	0†	*	0	0	0	0	0	0	0	10†	*	*	0	0	0
Cochise	8	*	*	0†	*	*	0†	*	*	0†	*	0	0	0	0	0	0	0
Coconino	6	*	*	0†	*	*	0	0	0	0	0	0	0†	*	*	0	0	0
Gila	7	*	*	0	0	0	0†	0	*	0	0	0	10†	*	*	0	0	0
Graham	3	*	*	0†	0	*	0†	*	0	0	0	0	0	0	0	0	0	0
Greenlee	2	*	0	0†	*	0	0	0	0	0	0	0	0	0	0	0	0	0
La Paz	3	*	*	0†	0	*	0	0	0	0	0	0	0†	*	0	0	0	0
Maricopa	300	169	131	109	60	49	121	66	55	39	25	14	10†	*	6	16	10	6
Mohave	11	*	7	0†	*	*	0†	*	*	0	0	0	0†	*	*	0	0	0
Navajo	15	8	7	10†	*	*	0†	0	*	0	0	0	10†	*	*	0	0	0
Pima	43	27	16	19	13	6	20	12	8	0†	*	*	0†	0	*	0	0	0
Pinal	28	15	12	10†	*	6	10†	*	*	10†	*	*	0†	*	*	0	0	0
Santa Cruz	3	*	*	0	0	0	0†	*	*	0	0	0	0	0	0	0	0	0
Yavapai	11	6	*	10†	*	*	0†	*	0	0	0	0	0†	0	*	0	0	0
Yuma	9	7	*	0†	*	0	10†	6	*	0	0	0	0	0	0	0	0	0
Unknown	6	*	*	0†	*	0	0	0	0	0†	0	*	0	0	0	0	0	0

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; ^a Includes records with unknown race/ethnicity.

**TABLE 5E-19
LEADING CAUSES OF INFANT DEATH BY COUNTY OF RESIDENCE, ARIZONA, 2017**

	Total	County of residence															
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Certain conditions originating in the perinatal period	220†	*	*	*	*	*	*	0	142	*	*	26	11	*	*	*	6
Short gestation and low birth weight	60†	0	0	*	*	0	0	0	47	0	*	6	*	*	0	*	*
Maternal complications	30†	0	0	0	0	0	*	0	19	0	0	*	6	0	*	*	0
Complications of placenta, cord and membrane	20†	0	0	0	*	0	0	0	10	0	0	*	*	0	0	0	*
Bacterial sepsis of newborn	20†	0	*	0	*	*	0	0	8	0	0	*	0	0	0	*	0
Intrauterine hypoxia or birth asphyxia	10†	*	0	0	0	0	0	0	6	0	0	*	*	0	0	0	*
Other respiratory condition	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	0
Atelectasis	0†	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0
Congenital malformations	90†	*	*	0	*	*	0	0	59	*	*	*	8	*	*	*	0
of brain, spinal cord or nervous system	20†	0	0	0	0	0	0	0	15	0	*	*	*	0	0	0	0
of heart	20†	0	0	0	0	0	0	0	8	*	*	*	*	*	*	*	0
of respiratory system	10†	0	0	0	0	0	0	0	*	0	0	*	*	0	0	*	0
Other ill-defined and unspecified causes of mortality	40†	0	*	0	*	0	0	*	30	0	*	*	*	0	0	0	0
Accidents (unintentional injury)	20†	*	0	0	0	0	*	*	11	*	*	*	0	0	*	*	0
Mechanical suffocation	20†	*	0	0	0	0	*	*	7	*	0	*	0	0	*	*	0
Motor vehicle accidents	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Certain infectious and parasitic diseases	20†	*	0	*	0	0	0	0	9	*	*	0	*	*	0	0	0
Sudden infant death syndrome	10†	0	0	*	0	0	0	0	9	0	*	0	*	0	*	0	0
Assault (homicide)	10†	0	0	*	0	0	0	0	7	0	0	*	0	0	0	0	0
Events of undetermined intent	10†	0	0	0	0	0	0	0	8	0	0	0	*	0	*	0	0
Diseases of the circulatory system	10†	0	0	0	0	0	0	0	*	0	*	0	*	0	0	0	0
Diseases of the digestive system	10†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Influenza and pneumonia	10†	0	0	0	0	0	0	0	*	0	0	*	0	0	0	*	0
Diseases of the nervous system	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Total, all causes ^a	461	6	8	6	7	*	*	*	300	11	15	43	28	*	11	9	6

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 causes of death not shown above.

TABLE 5E-20
POSTNEONATAL MORTALITY BY COUNTY OF RESIDENCE, ARIZONA, 2007-2017

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA^a	222	206	186	189	173	163	158	181	179	153	174
Apache	*	7	6	*	*	*	6	*	*	9	*
Cochise	6	*	*	*	*	*	*	*	*	*	*
Coconino	*	*	*	*	*	0	*	*	*	*	*
Gila	0	*	*	*	*	*	*	*	*	0	*
Graham	*	*	0	0	0	*	*	*	0	0	*
Greenlee	0	*	0	*	0	0	*	*	0	0	*
La Paz	*	*	*	*	*	*	0	0	*	*	*
Maricopa	129	124	108	114	105	107	96	118	112	84	112
Mohave	7	*	*	*	*	*	*	*	9	*	*
Navajo	12	10	6	*	8	6	*	*	7	*	8
Pima	28	32	25	28	14	19	25	23	17	23	13
Pinal	10	10	15	8	8	8	8	10	11	14	9
Santa Cruz	*	*	0	*	*	*	0	0	0	*	*
Yavapai	9	*	*	*	*	*	*	*	*	*	7
Yuma	8	*	7	*	10	6	*	*	*	*	*

Notes: * Cell suppressed due to non-zero count less than 6; ^a Includes unknown county of residence.

**TABLE 5E-21
POSTNEONATAL MORTALITY RATES^a BY COUNTY OF RESIDENCE, ARIZONA , 2007-2017**

County	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA	2.2	2.1	2.0	2.2	2.0	1.9	1.9	2.1	2.1	1.8	2.1
Apache	**	5.8	4.8	**	**	**	6.3	**	**	8.8	**
Cochise	3.2	**	**	**	**	**	**	**	**	**	**
Coconino	**	**	**	**	**	0.0	**	**	**	**	**
Gila	0.0	**	**	**	**	**	**	**	**	0.0	**
Graham	**	**	0.0	0.0	0.0	**	**	**	0.0	0.0	**
Greenlee	0.0	**	0.0	**	0.0	0.0	**	**	0.0	0.0	**
La Paz	**	**	**	**	**	**	0.0	0.0	**	**	**
Maricopa	2.0	2.0	1.9	2.1	2.0	2.0	1.8	2.1	2.1	1.6	2.1
Mohave	2.9	**	**	**	**	**	**	**	4.9	**	**
Navajo	6.0	5.1	3.2	**	4.9	3.7	**	**	4.6	**	5.3
Pima	2.0	2.4	1.9	2.3	1.2	1.6	2.1	1.9	1.5	2.0	1.2
Pinal	1.9	1.7	2.8	1.6	1.7	1.7	1.8	2.2	2.5	3.1	2.1
Santa Cruz	**	**	0.0	**	**	**	0.0	0.0	0.0	**	**
Yavapai	3.7	**	**	**	**	**	**	**	**	**	3.9
Yuma	2.5	**	2.2	**	3.1	1.9	**	**	**	**	**

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

TABLE 5E-22
NEONATAL MORTALITY BY COUNTY OF RESIDENCE, ARIZONA, 2007-2017

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA^a	479	419	361	330	331	332	289	354	294	301	287
Apache	*	6	*	*	*	*	*	12	6	6	*
Cochise	10	9	6	14	*	7	11	6	10	*	*
Coconino	9	6	*	10	*	9	7	*	*	8	*
Gila	10	*	*	*	*	*	*	*	*	*	*
Graham	*	*	*	*	*	*	*	*	*	*	*
Greenlee	0	0	0	0	*	0	0	*	0	0	*
La Paz	0	*	*	*	0	*	*	*	0	0	*
Maricopa	293	258	221	198	205	216	189	224	179	207	188
Mohave	10	7	9	7	13	*	*	10	7	*	8
Navajo	10	7	*	*	6	8	*	7	6	*	7
Pima	72	65	56	46	43	40	33	42	31	30	30
Pinal	29	23	24	12	18	18	10	19	15	9	19
Santa Cruz	*	*	*	7	*	*	*	*	*	*	*
Yavapai	10	7	11	*	*	7	*	9	9	7	*
Yuma	16	23	13	17	17	12	14	14	18	11	*

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^a BY COUNTY OF RESIDENCE, ARIZONA, 2007-2017

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA	4.7	4.2	3.9	3.8	3.9	3.9	3.4	4.1	3.5	3.6	3.5
Apache	**	5.0	**	**	**	**	**	11.8	6.3	5.9	**
Cochise	5.4	5.1	3.3	7.9	**	4.1	6.8	3.7	6.4	**	**
Coconino	4.2	3.0	**	5.6	**	5.3	4.3	**	**	5.0	**
Gila	14.4	**	**	**	**	**	**	**	**	**	**
Graham	**	**	**	**	**	**	**	**	**	**	**
Greenlee	0.0	0.0	0.0	0.0	**	0.0	0.0	**	0.0	0.0	**
La Paz	0.0	**	**	**	0.0	**	**	**	0.0	0.0	**
Maricopa	4.4	4.1	3.8	3.7	3.8	4.0	3.5	4.1	3.3	3.8	3.6
Mohave	4.1	3.0	4.1	3.5	6.6	**	**	5.5	3.8	**	4.6
Navajo	5.0	3.6	**	**	3.7	4.9	**	4.4	4.0	**	4.6
Pima	5.2	4.8	4.4	3.8	3.6	3.4	2.8	3.5	2.7	2.6	2.7
Pinal	5.5	4.0	4.5	2.4	3.9	3.9	2.2	4.2	3.4	2.0	4.3
Santa Cruz	**	**	**	10.1	**	**	**	**	**	**	**
Yavapai	4.1	3.2	5.3	**	**	3.9	**	4.6	4.8	3.7	**
Yuma	4.9	6.8	4.0	5.3	5.3	3.8	4.5	4.6	6.0	3.7	**

Notes: ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; ^a 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, 2017**

	ARIZONA	County of residence															
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Accidents (unintentional injury)	76	*	0	*	*	*	0	0	54	*	*	*	*	0	*	*	*
Motor vehicle accidents	33	*	0	*	*	*	0	0	19	*	*	*	0	0	0	*	*
Accidental drowning and submersion	23	0	0	0	0	0	0	0	20	0	0	*	0	0	0	0	0
Malignant neoplasms	30	0	0	0	*	0	0	0	21	*	0	*	*	0	*	*	0
Leukemia	5	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0
Intentional self-harm (suicide)	16	0	*	*	*	*	0	0	8	*	0	*	0	0	*	0	0
Congenital malformations	13	0	*	0	0	0	0	0	9	0	0	*	0	0	*	0	0
Assault (homicide)	10	*	*	0	*	0	0	0	*	0	0	*	0	0	0	0	0
By other means	7	*	*	0	*	0	0	0	*	0	0	*	0	0	0	0	0
By discharge of firearms	3	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Influenza and pneumonia	3	0	0	0	0	0	0	0	*	0	0	*	*	0	0	0	0
Chronic lower respiratory disease	2	0	0	0	0	0	0	0	*	0	0	0	0	0	0	*	0
Asthma	1	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Septicemia	2	0	0	0	0	0	0	0	*	0	*	0	0	0	0	0	0
Total, all causes ^a	231	*	*	7	*	*	0	0	149	*	6	24	11	0	*	*	8

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

**TABLE 5E-25
RATES^a FOR THE LEADING CAUSES OF DEATH AMONG CHILDREN (1-14 YEARS) BY COUNTY OF RESIDENCE,
ARIZONA, 2017**

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)	6.0	**	0.0	**	**	**	0.0	0.0	6.7	**	**	**	**	0.0	**	**
Motor vehicle accidents	2.6	**	0.0	**	**	**	0.0	0.0	2.4	**	**	**	0.0	0.0	0.0	**
Accidental drowning and submersion	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	**	0.0	0.0	0.0	0.0
Malignant neoplasms	2.4	0.0	0.0	0.0	**	0.0	0.0	0.0	2.6	**	0.0	**	**	0.0	**	**
Leukemia	0.4	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)	1.3	0.0	**	**	**	**	0.0	0.0	1.0	**	0.0	**	0.0	0.0	**	0.0
Congenital malformations	1.0	0.0	**	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	**	0.0	0.0	**	0.0
Assault (homicide)	0.8	**	**	0.0	**	0.0	0.0	0.0	**	0.0	0.0	**	0.0	0.0	0.0	0.0
By other means	0.6	**	**	0.0	**	0.0	0.0	0.0	**	0.0	0.0	**	0.0	0.0	0.0	0.0
By discharge of firearms	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
Influenza and pneumonia	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
Chronic lower respiratory disease	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	**
Asthma	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
Septicemia	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
Total, all causes ^a	18.2	**	**	29.6	**	**	0.0	0.0	18.6	**	25.4	14.2	14.0	0.0	**	18.2

Notes: ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6;^a 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, 2017**

	ARIZONA	County of residence															
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Accidents (unintentional injury)	107	7	*	*	*	0	*	0	61	*	6	8	6	0	*	*	*
Motor vehicle accidents	56	*	0	*	*	0	*	0	26	*	*	*	*	0	*	*	*
Accidental poisoning	32	0	0	0	0	0	0	0	27	0	*	*	*	0	0	0	0
Accidental drowning and submersion	6	0	0	0	0	0	0	0	*	*	0	*	0	0	0	0	0
Intentional self-harm (suicide)	62	*	*	*	0	*	0	*	32	*	*	9	*	0	*	*	0
By other means	38	*	*	*	0	*	0	0	16	*	*	7	*	0	*	0	0
By discharge of firearms	24	*	*	*	0	0	0	*	16	0	*	*	*	0	0	*	0
Assault (homicide)	32	0	0	0	0	0	0	0	26	*	0	*	*	0	0	0	0
By discharge of firearms	30	0	0	0	0	0	0	0	25	0	0	*	*	0	0	0	0
By other means	2	0	0	0	0	0	0	0	*	*	0	0	0	0	0	0	0
Malignant neoplasms	8	*	0	0	0	0	0	0	*	0	0	*	*	0	0	0	0
Leukemia	1	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
Events of undetermined intent	7	0	0	0	0	0	0	0	*	0	*	0	*	0	0	0	0
Diseases of the heart	4	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Total, all causes	252	11	*	11	*	*	*	*	149	6	9	28	18	0	*	*	*

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

**TABLE 5E-27
RATES^a FOR THE LEADING CAUSES OF DEATH AMONG ADOLESCENTS (15-19 YEARS) BY COUNTY OF RESIDENCE,
ARIZONA, 2017**

Underlying cause of death	ARIZONA	County of residence											
		Apache	Cochise	Cocoino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal
Accidents (unintentional injury)	22.8	116.4	**	**	**	0.0	**	0.0	21.2	**	74.4	11.6	22.8
Motor vehicle accidents	11.9	**	0.0	**	**	0.0	**	0.0	9.0	**	**	**	**
Accidental poisoning	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	0.0	**	**	0.0
Accidental drowning and submersion	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	**	0.0	**	0.0
Intentional self-harm (suicide)	13.2	**	**	**	0.0	**	0.0	**	11.1	**	**	13.0	**
By other means	8.1	**	**	**	0.0	**	0.0	0.0	5.6	**	**	10.1	**
By discharge of firearms	5.1	**	**	**	0.0	0.0	0.0	**	5.6	0.0	**	**	0.0
Assault (homicide)	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	**	0.0	**	0.0
By discharge of firearms	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	0.0	0.0	**	0.0
By other means	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	**	0.0	0.0	0.0
Malignant neoplasms	1.7	**	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	**	0.0
Leukemia	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
Events of undetermined intent	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	**	0.0	0.0
Diseases of heart	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	0.0	0.0
Total, all causes	53.7	183.0	**	78.6	**	**	**	**	51.8	56.0	111.6	40.4	68.5

Notes: ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; ^a 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, 2017**

	ARIZONA	County of residence															
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Accidents (unintentional injury)	1,219	35	21	34	15	8	0	*	698	20	46	186	64	8	32	22	27
Accidental poisoning	679	8	10	12	6	*	0	0	415	10	8	116	28	*	22	14	23
Motor vehicle accidents	400	17	10	18	9	*	0	*	203	*	28	54	30	*	9	*	*
Intentional self-harm (suicide)	514	13	10	20	8	*	0	*	268	22	22	86	25	0	17	10	7
By discharge of firearms	275	7	*	7	*	*	0	*	155	10	8	43	15	0	11	*	*
By other means	239	6	*	13	*	*	0	0	113	12	14	43	10	0	6	7	*
Malignant neoplasms	301	*	*	*	0	*	0	*	198	8	*	34	19	*	11	7	*
Malignant neoplasm of breast	42	0	*	0	0	0	0	0	26	*	*	*	*	0	*	*	*
Malignant neoplasm of lymphoid, hematopoietic and related tissue	38	*	0	0	0	0	0	*	26	*	0	*	0	0	*	*	*
Malignant neoplasm of meninges, brain and other parts of central nervous system	15	0	0	0	0	0	0	0	11	0	*	*	0	*	*	0	0
Assault (homicide)	268	*	*	8	*	*	0	0	150	*	11	47	24	0	*	*	12
By discharge of firearms	204	*	*	*	*	*	0	0	118	*	8	37	17	0	*	*	7
By other means	64	*	0	*	0	0	0	0	32	0	*	10	7	0	0	*	*
Diseases of heart	248	*	*	*	*	*	*	*	151	6	*	35	17	*	9	0	*
Chronic liver disease and cirrhosis	149	7	*	10	*	*	0	0	60	7	13	19	11	*	7	*	*
Diabetes	77	*	*	0	*	0	0	0	39	*	*	13	9	*	0	6	*
Obesity	45	*	0	*	*	0	0	0	22	0	*	9	*	*	*	*	0
Cerebrovascular disease	44	*	0	*	0	*	0	0	25	*	0	7	0	*	*	*	*
Influenza and pneumonia	20	*	0	*	0	0	0	*	8	*	0	*	*	0	*	0	*
Human immunodeficiency virus (HIV) disease	20	0	*	*	0	0	0	0	15	0	0	*	*	*	0	0	0
Total, all causes	3,544	99	55	107	46	25	*	9	1,966	99	135	530	223	20	100	64	64

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

**TABLE 5E-29
RATES^a FOR THE LEADING CAUSES OF DEATH AMONG YOUNG ADULTS (20-44 YEARS) BY COUNTY OF RESIDENCE,
ARIZONA, 2017**

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)	53.6	161.9	55.8	61.7	119.6	59.9	0.0	**	48.5	40.3	144.5	55.8	47.5	55.9	63.6	30.2
Accidental poisoning	29.9	37.0	26.6	21.8	47.8	**	0.0	0.0	28.9	20.1	25.1	34.8	20.8	**	43.7	19.2
Motor vehicle accidents	17.6	78.6	26.6	32.7	71.7	**	0.0	**	14.1	**	88.0	16.2	22.3	**	17.9	**
Intentional self-harm (suicide)	22.6	60.1	26.6	36.3	63.8	**	0.0	**	18.6	44.3	69.1	25.8	18.6	0.0	33.8	13.7
By discharge of firearms	12.1	32.4	**	12.7	**	**	0.0	**	10.8	20.1	25.1	12.9	11.1	0.0	21.9	**
By other means	10.5	27.8	**	23.6	**	**	0.0	0.0	7.9	24.2	44.0	12.9	7.4	0.0	11.9	9.6
Malignant neoplasms	13.2	**	**	**	0.0	**	0.0	**	13.8	16.1	**	10.2	14.1	**	21.9	9.6
Malignant neoplasm of breast	1.8	0.0	**	0.0	0.0	0.0	0.0	0.0	1.8	**	**	**	**	0.0	**	**
Malignant neoplasm of lymphoid, hematopoietic and related tissue	1.7	**	0.0	0.0	0.0	0.0	0.0	**	1.8	**	0.0	**	0.0	0.0	**	**
Malignant neoplasm of meninges, brain and other parts of central nervous system	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	**	**	0.0	**	**	0.0
Assault (homicide)	11.8	**	**	14.5	**	**	0.0	0.0	10.4	**	34.6	14.1	17.8	0.0	**	**
By discharge of firearms	9.0	**	**	**	**	**	0.0	0.0	8.2	**	25.1	11.1	12.6	0.0	**	**
By other means	2.8	**	0.0	**	0.0	0.0	0.0	0.0	2.2	0.0	**	3.0	5.2	0.0	0.0	**
Diseases of heart	10.9	**	**	**	**	**	**	**	10.5	12.1	**	10.5	12.6	**	17.9	0.0
Chronic liver disease and cirrhosis	6.6	32.4	**	18.1	**	**	0.0	0.0	4.2	14.1	40.8	5.7	8.2	**	13.9	**
Diabetes	3.4	**	**	0.0	**	0.0	0.0	0.0	2.7	**	**	3.9	6.7	**	0.0	8.2
Obesity	2.0	**	0.0	**	**	0.0	0.0	0.0	1.5	0.0	**	2.7	**	**	**	**
Cerebrovascular diseases	1.9	**	0.0	**	0.0	**	0.0	0.0	1.7	**	0.0	2.1	0.0	**	**	**
Influenza and pneumonia	0.9	**	0.0	**	0.0	0.0	0.0	**	0.6	**	0.0	**	**	0.0	**	0.0
Human immunodeficiency virus (HIV) disease	0.9	0.0	**	**	0.0	0.0	0.0	0.0	1.0	0.0	0.0	**	**	**	0.0	0.0
Total, all causes	155.9	458.0	146.1	194.1	366.7	187.3	**	201.1	136.7	199.2	424.2	159.1	165.5	139.7	198.7	87.8

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

**TABLE 5E-31
RATES^a FOR THE LEADING CAUSES OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS) BY COUNTY OF RESIDENCE,
ARIZONA, 2017**

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	161.8	141.3	210.9	101.8	155.0	136.5	**	267.0	153.3	245.3	161.2	169.9	179.0	103.9	194.4	102.0
Malignant neoplasm of trachea, bronchus and lung	32.0	**	53.5	**	40.4	0.0	**	**	29.1	64.7	22.0	30.8	45.0	0.0	44.7	17.7
Malignant neoplasm of colon, rectum, and anus	19.2	**	18.9	27.8	**	**	0.0	0.0	18.0	32.4	22.0	21.1	19.4	**	20.1	13.3
Malignant neoplasm of breast	16.4	**	25.2	**	**	0.0	0.0	0.0	17.7	11.9	**	16.2	11.3	**	15.4	**
Malignant neoplasm of pancreas	12.2	**	**	**	0.0	**	0.0	**	12.6	17.0	**	10.1	8.2	**	13.9	**
Diseases of heart	109.9	107.4	138.5	92.6	188.7	111.7	**	308.1	98.8	238.5	84.3	108.7	120.7	**	108.0	86.5
Accidents (unintentional injury)	69.7	209.1	75.5	104.9	101.1	86.9	**	123.2	60.3	66.4	128.3	72.6	38.9	**	74.1	68.8
Accidental poisoning	34.7	62.2	37.8	61.7	**	**	**	**	32.2	22.1	40.3	38.1	17.4	**	27.8	26.6
Motor vehicle accidents	17.2	84.8	18.9	18.5	53.9	**	0.0	**	14.0	13.6	40.3	15.8	15.3	**	21.6	22.2
Falls	6.2	**	**	**	**	0.0	0.0	**	5.5	**	**	9.3	**	**	13.9	0.0
Chronic liver disease and cirrhosis	35.1	62.2	62.9	46.3	94.4	**	0.0	164.3	27.8	51.1	47.6	36.5	39.9	**	54.0	24.4
Diabetes	32.3	39.6	31.5	21.6	40.4	74.5	0.0	**	28.2	42.6	47.6	40.5	39.9	63.9	21.6	33.3
Chronic lower respiratory disease	27.3	**	18.9	21.6	60.7	**	0.0	**	20.3	54.5	29.3	34.5	28.6	0.0	63.3	39.9
Intentional self-harm (suicide)	24.5	**	44.1	27.8	40.4	**	**	**	20.3	30.7	55.0	29.6	17.4	**	47.8	**
By discharge of firearms	14.8	**	40.9	**	**	**	0.0	**	12.6	17.0	25.7	17.8	11.3	0.0	26.2	**
By other means	9.7	**	**	**	**	**	**	**	7.6	13.6	29.3	11.8	6.1	**	21.6	**
Cerebrovascular disease	18.0	**	22.0	**	**	0.0	**	**	16.6	17.0	22.0	21.5	14.3	0.0	26.2	24.4
Essential (primary) hypertension and hypertensive renal disease	8.8	**	**	**	**	0.0	0.0	0.0	9.3	**	**	9.3	16.4	0.0	**	0.0
Influenza and pneumonia	7.4	**	**	**	**	**	**	**	4.6	**	25.7	11.8	6.1	0.0	**	22.2
Viral hepatitis	7.3	0.0	**	**	**	0.0	**	0.0	6.4	23.8	**	7.3	8.2	**	**	**
Septicemia	5.9	**	**	**	**	0.0	0.0	0.0	3.9	13.6	**	10.1	7.2	0.0	**	15.5
Assault (homicide)	5.0	**	0.0	**	**	**	0.0	**	4.7	**	**	6.5	**	**	**	**
By discharge of firearms	2.8	**	0.0	**	0.0	**	0.0	**	3.2	**	**	**	**	0.0	**	**
By other means	2.3	**	0.0	**	**	0.0	0.0	0.0	1.5	0.0	**	5.3	0.0	**	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis	4.6	**	**	**	**	**	0.0	**	2.7	**	**	7.7	**	0.0	**	0.0
Human immunodeficiency virus (HIV) disease	3.2	**	0.0	**	0.0	0.0	0.0	0.0	3.0	**	**	2.8	**	0.0	**	**
Total, all causes	626.8	892.9	764.8	558.6	903.1	757.0	668.5	1314.4	554.7	974.3	798.9	695.3	627.0	351.7	709.7	516.8

Notes: ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; ^a 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, 2017**

	ARIZONA	County of residence														Unknown	
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai		Yuma
Diseases of heart	10,171	105	268	132	145	40	9	91	5,351	726	126	1,681	537	61	555	308	36
Malignant neoplasms	8,850	62	215	118	96	39	7	48	4,699	566	130	1,453	517	52	570	250	28
Malignant neoplasm of trachea, bronchus and lung	2,196	*	49	28	29	13	*	19	1,141	170	31	355	141	*	144	59	6
Malignant neoplasm of lymphoid, hematopoietic and related tissue	945	8	19	9	7	*	*	*	532	47	10	150	56	8	61	31	0
Malignant neoplasm of colon, rectum, and anus	766	10	22	8	10	0	0	*	435	49	9	112	46	8	36	16	*
Malignant neoplasm of pancreas	698	7	18	7	6	*	0	*	390	30	7	112	47	*	44	19	*
Malignant neoplasm of prostate	606	*	21	7	*	*	*	*	304	40	13	101	29	*	47	19	*
Malignant neoplasm of breast	516	*	8	8	*	*	*	*	290	36	9	83	25	*	28	15	*
Chronic lower respiratory disease	3,293	19	82	33	61	23	*	19	1,715	246	58	489	207	7	236	79	14
Alzheimer's disease	2,997	14	31	22	16	11	6	7	1,769	149	35	519	115	17	216	62	8
Cerebrovascular disease	2,292	21	56	31	26	13	0	9	1,225	106	47	415	101	20	136	78	8
Accidents (unintentional injury)	1,485	21	37	22	25	8	0	*	789	65	23	263	60	*	130	23	10
Falls	947	*	18	10	15	*	0	*	526	25	9	194	28	*	92	18	*
Motor vehicle accidents	198	7	8	*	*	0	0	*	100	9	7	21	17	0	17	*	*
Diabetes	1,411	33	39	18	18	17	*	9	745	46	36	252	71	6	60	52	*
Essential (primary) hypertension and hypertensive renal disease	850	*	12	8	9	*	0	6	556	31	8	96	60	*	26	28	0
Parkinson's disease	737	*	16	19	*	*	*	*	445	24	12	114	31	*	42	16	*
Influenza and pneumonia	697	14	14	10	8	*	*	*	331	46	10	123	38	*	44	38	*
Nephritis, nephrotic syndrome and nephrosis	445	9	16	7	12	*	*	0	166	43	10	101	23	*	27	24	0
Septicemia	334	8	11	*	*	*	0	*	158	17	*	67	23	*	18	12	*
Total, all causes	42,199	412	1,030	547	528	212	43	243	22,570	2,451	676	7,186	2,217	230	2,533	1,173	148

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

**TABLE 5E-33
RATES^a FOR THE LEADING CAUSES OF DEATH AMONG ELDERLY (65 YEARS AND OLDER) BY COUNTY OF RESIDENCE,
ARIZONA, 2017**

Underlying cause of death	ARIZONA	County of residence														
		Apache	Cochise	Cocconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Diseases of heart	862.8	1015.8	981.1	768.2	946.0	805.2	690.2	1115.3	867.5	1211.4	668.4	859.5	628.9	686.2	817.7	752.6
Malignant neoplasms	750.7	599.8	787.1	686.7	626.3	785.0	536.8	588.3	761.8	944.4	689.6	742.9	605.5	584.9	839.8	610.9
Malignant neoplasm of trachea, bronchus and lung	186.3	**	179.4	162.9	189.2	261.7	**	232.9	185.0	283.7	164.4	181.5	165.1	**	212.2	144.2
Malignant neoplasm of lymphoid, hematopoietic and related tissue	80.2	77.4	69.6	52.4	45.7	**	**	**	86.2	78.4	53.0	76.7	65.6	90.0	89.9	75.8
Malignant neoplasm of colon, rectum, and anus	65.0	96.7	80.5	46.6	65.2	0.0	0.0	**	70.5	81.8	47.7	57.3	53.9	90.0	53.0	39.1
Malignant neoplasm of pancreas	59.2	67.7	65.9	40.7	39.1	**	0.0	**	63.2	50.1	37.1	57.3	55.0	**	64.8	46.4
Malignant neoplasm of prostate ^b	111.6	**	160.2	85.6	**	**	**	**	109.4	134.5	146.5	114.1	70.0	**	144.9	96.9
Malignant neoplasm of breast	43.8	**	29.3	46.6	**	**	**	**	47.0	60.1	47.7	42.4	29.3	**	41.3	36.7
Chronic lower respiratory disease	279.3	183.8	300.2	192.0	398.0	463.0	**	232.9	278.0	410.5	307.7	250.0	242.4	78.7	347.7	193.0
Alzheimer's disease	254.2	135.4	113.5	128.0	104.4	221.4	460.1	85.8	286.8	248.6	185.7	265.4	134.7	191.2	318.3	151.5
Cerebrovascular disease	194.4	203.2	205.0	180.4	169.6	261.7	0.0	110.3	198.6	176.9	249.3	212.2	118.3	225.0	200.4	190.6
Accidents (unintentional injury)	126.0	203.2	135.4	128.0	163.1	161.0	0.0	**	127.9	108.5	122.0	134.5	70.3	**	191.5	56.2
Falls	80.3	**	65.9	58.2	97.9	**	0.0	**	85.3	41.7	47.7	99.2	32.8	**	135.6	44.0
Motor vehicle accidents	16.8	67.7	29.3	**	**	0.0	0.0	**	16.2	15.0	37.1	10.7	19.9	0.0	25.0	**
Diabetes	119.7	319.2	142.8	104.7	117.4	342.2	**	110.3	120.8	76.8	191.0	128.8	83.1	67.5	88.4	127.1
Essential (primary) hypertension and hypertensive renal disease	72.1	**	43.9	46.6	58.7	**	0.0	73.5	90.1	51.7	42.4	49.1	70.3	**	38.3	68.4
Parkinson's disease	62.5	**	58.6	110.6	**	**	**	**	72.1	40.0	63.7	58.3	36.3	**	61.9	39.1
Influenza and pneumonia	59.1	135.4	51.3	58.2	52.2	**	**	**	53.7	76.8	53.0	62.9	44.5	**	64.8	92.9
Nephritis, nephrotic syndrome and nephrosis	37.7	87.1	58.6	40.7	78.3	**	**	**	0.0	26.9	71.7	53.0	51.6	**	39.8	58.6
Septicemia	28.3	77.4	40.3	**	**	**	0.0	**	25.6	28.4	**	34.3	26.9	**	26.5	29.3
Total, all causes	3579.6	3985.7	3770.5	3183.2	3444.9	4267.3	3297.5	2978.3	3659.1	4089.6	3585.8	3674.1	2596.3	2587.2	3732.1	2866.3

Notes: ** Cell suppressed due to rate/ratio/percent based on non-zero count less than 6; ^a All rates are per 100,000 elderly 65 years and older; ^b 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, 2017**

Disease	Arizona	Apache	Cochise	Coconino	Gila	Gram	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Vaccine Preventable																
Measles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mumps	40†	0	0	*	0	0	0	0	11	0	0	22	0	0	0	*
Pertussis	420†	*	*	18	*	*	0	*	283	17	14	50	12	*	13	*
Pertussis confirmed cases	260†	*	*	10	0	0	0	*	196	*	12	24	8	*	*	0
Rubella	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
<i>Haemophilus influenzae</i> type b (invasive, age < 5 years)	0†	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
Varicella (chickenpox)	190†	*	*	*	0	0	0	0	116	6	6	28	10	*	8	6
Central Nervous System																
Aseptic Meningitis	80†	0	0	0	*	0	0	0	63	*	*	8	*	0	*	0
Meningococcal Disease	0†	0	0	*	0	0	0	0	*	0	0	*	0	0	0	0
Viral Encephalitis	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0
Enteritides																
Amebiasis	20†	0	0	*	0	0	0	0	7	0	0	*	*	*	*	*
Campylobacteriosis	1,370†	41	44	48	36	16	*	*	674	71	93	164	73	9	55	41
Cholera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cryptosporidiosis	110†	*	*	12	0	*	0	0	70	7	0	14	*	0	*	*
<i>E. coli</i> O157:H7	170†	0	6	*	*	*	0	0	92	11	*	28	*	7	*	*
Giardiasis	150†	*	*	*	*	*	*	*	100	8	*	11	6	*	*	0
Salmonellosis (except <i>S. Typhi</i> and <i>S. Paratyphi</i>)	870†	27	19	20	11	13	*	*	425	8	27	174	68	10	37	29
<i>Salmonella</i> Paratyphi A	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0
<i>Salmonella</i> Paratyphi B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salmonella</i> Paratyphi C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis	560†	10	*	*	14	*	0	0	288	*	100	73	20	6	9	24
Typhoid Fever	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	*
Mycosis																
Coccidioidomycosis (Valley Fever)	6,890†	30	31	32	62	18	*	19	4,932	67	46	1,022	518	17	60	28
Hepatitides																
Hepatitis A	60†	0	*	0	0	0	*	0	40	*	0	*	7	*	*	*
Hepatitis B (acute)	40†	*	*	0	*	*	0	0	19	*	*	6	*	0	*	*
Hepatitis B, Perinatal	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
Hepatitis E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tuberculosis																
Pulmonary TB	160†	*	*	*	*	*	0	0	74	0	*	25	22	*	0	23
Total TB	190†	*	*	*	*	*	0	0	95	0	*	27	25	*	0	26

TABLE 5F-1 (continued)
NUMBER OF REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY CATEGORY FOR EACH COUNTY, ARIZONA, 2017

Disease	Arizona	Apache	Cochise	Coconino	Gila	Gram	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Sexually Transmitted (Arizona total within disease category includes unknown county frequency counts)																
Gonorrhea	12,510†	167	97	212	74	48	*	33	8,914	159	336	1,573	527	47	86	240
Gonococcal PID	0†	0	0	0	0	*	0	0	*	*	0	0	0	0	0	0
Resistant Gonorrhea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis (primary and secondary)	940†	7	*	16	18	*	0	0	730	*	6	100	45	*	*	8
Syphilis-Total	2,420†	21	20	40	56	21	0	*	1,758	10	21	269	123	*	9	70
Chlamydia	39,635	639	455	1,059	216	188	25	76	25,351	536	884	6,632	1,607	253	486	1,228
Zoonoses/Vectorborne																
Brucellosis	10†	0	0	0	*	0	0	0	6	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	0†	0	0	0	0	0	0	0	*	0	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
Human Rabies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyme Disease	30†	0	0	*	*	0	0	0	14	*	0	*	*	0	*	*
Malaria	30†	0	0	*	0	0	0	0	21	0	0	*	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	30†	0	*	0	12	*	0	0	0	0	*	8	*	*	0	0
St. Louis Encephalitis	10†	0	0	0	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
West Nile Virus	110†	0	0	0	0	*	0	0	93	*	*	*	9	0	0	0
Other																
Botulism	10†	0	0	*	0	0	0	0	*	0	0	*	0	0	0	0
Legionellosis	70†	0	*	0	*	0	0	*	44	*	0	12	7	*	*	*
Listeriosis	10†	0	0	0	0	0	0	0	*	0	*	*	*	0	0	0
Methicillin Resistant <i>S. aureus</i> (invasive)	1,360†	6	27	8	18	*	*	6	774	13	26	315	65	*	48	38
Streptococcal Group A (invasive)	610†	9	8	23	7	*	0	*	351	6	24	127	31	*	13	8
Streptococcal Group B (invasive disease in infants <90 days old)	60†	*	0	*	*	*	0	*	44	*	*	7	0	0	*	*
<i>Streptococcus pneumoniae</i> (invasive)	710†	47	12	17	9	9	0	*	372	16	41	111	37	*	17	17
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 toxogenic <i>V. cholerae</i>)	30†	0	*	*	0	0	0	0	13	*	*	*	*	0	0	0
Yersiniosis (except <i>Y. pestis</i>)	20†	0	0	*	0	0	0	0	13	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; 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. Hepatitis E has been reported separately from Hepatitis non-A non-B beginning in 1998. 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. 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, 2017**

Disease	Arizona	Apache	Cochise	Coconino	Gila	Gramam	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Vaccine Preventable																
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	0.0
Mumps	0.5	0.0	0.0	**	0.0	0.0	0.0	0.0	0.3	0.0	0.0	2.1	0.0	0.0	0.0	**
Pertussis	6.0	**	**	12.5	**	**	0.0	**	6.7	8.1	12.6	4.9	2.8	**	5.8	**
Pertussis (confirmed only)	3.8	**	**	6.9	0.0	0.0	0.0	**	4.6	**	10.8	2.3	1.9	**	**	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
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
<i>Haemophilus influenzae</i> b (invasive disease in children < 5 years old)	0.5	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)	2.7	**	**	**	0.0	0.0	0.0	0.0	2.7	2.9	5.4	2.7	2.3	**	3.5	2.7
Central Nervous System																
Aseptic Meningitis	1.2	0.0	0.0	0.0	**	0.0	0.0	0.0	1.5	**	**	0.8	**	0.0	**	0.0
Meningococcal Disease	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
Viral Encephalitis - Total	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
Enteritides																
Anebiasis	0.2	0.0	0.0	**	0.0	0.0	0.0	0.0	0.2	0.0	0.0	**	**	**	**	**
Campylobacteriosis	19.7	56.4	34.3	33.3	65.5	41.8	**	**	16.0	33.8	83.6	16.0	17.1	17.5	24.4	18.5
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	1.6	**	**	8.3	0.0	**	0.0	0.0	1.7	3.3	0.0	1.4	**	0.0	**	**
<i>E. coli</i> O157:H7	2.4	0.0	4.7	**	**	**	0.0	0.0	2.2	5.2	**	2.7	**	13.6	**	**
Giardiasis	2.1	**	**	**	**	**	**	**	2.4	3.8	**	1.1	1.4	**	**	0.0
Salmonellosis (except <i>S. Typhi</i> and <i>S. Paratyphi</i>)	12.5	37.1	14.8	13.9	20.0	34.0	**	**	10.1	3.8	24.3	17.0	15.9	19.4	16.4	13.1
<i>Salmonella</i> 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
<i>Salmonella</i> 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
<i>Salmonella</i> 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	8.0	13.8	**	**	25.5	**	0.0	0.0	6.8	**	89.9	7.1	4.7	11.6	4.0	10.8
Typhoid 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	**
Mycosis																
Coccidioidomycosis (Valley Fever)	98.8	41.3	24.1	22.2	112.8	47.0	**	88.0	116.8	31.9	41.3	99.6	121.1	33.0	26.6	12.6
Hepatitides																
Hepatitis A	0.9	0.0	**	0.0	0.0	0.0	**	0.0	0.9	**	0.0	**	1.6	**	**	**
Hepatitis B (acute)	0.6	**	**	0.0	**	**	0.0	0.0	0.5	**	**	0.6	**	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
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
Hepatitis E	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
Tuberculosis																
Pulmonary TB	2.3	**	**	**	**	**	0.0	0.0	1.8	0.0	**	2.4	5.1	**	0.0	10.4
Total TB	2.7	**	**	**	**	**	0.0	0.0	2.3	0.0	**	2.6	5.8	**	0.0	11.7

TABLE 5F-2 (continued)
RATES OF REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY CATEGORY FOR EACH COUNTY, ARIZONA, 2017

Disease	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Sexually Transmitted																
Gonorrhea	180.5	228.4	77.1	150.5	138.2	127.7	**	162.4	210.1	77.5	305.4	154.8	125.9	102.2	38.1	116.7
Gonococcal PID	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
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)	13.6	9.6	**	11.4	33.6	**	0.0	0.0	17.2	**	5.5	9.8	10.8	**	**	3.9
Syphilis-Total	35.0	28.7	15.9	28.4	104.6	55.9	0.0	**	41.4	4.9	19.1	26.5	29.4	**	4.0	34.0
Chlamydia	571.8	874.0	361.8	751.6	403.3	500.0	260.1	374.1	597.5	261.1	803.4	652.6	384.0	550.2	215.5	597.2
Zoonoses / Vectorborne																
Brucellosis	0.1	0.0	0.0	0.0	**	0.0	0.0	0.0	0.1	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	0.0	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
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	**	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
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	0.4	0.0	0.0	**	**	0.0	0.0	0.0	0.3	**	0.0	**	**	0.0	**	**
Malaria	0.4	0.0	0.0	**	0.0	0.0	0.0	0.0	0.5	0.0	0.0	**	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	0.4	0.0	**	0.0	21.8	**	0.0	0.0	0.0	0.0	**	0.8	**	**	0.0	0.0
St. Louis Encephalitis	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
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	0.0	0.0
West Nile Virus	1.6	0.0	0.0	0.0	0.0	**	0.0	0.0	2.2	**	**	**	2.1	0.0	0.0	0.0
Other																
Botulism	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
Legionellosis	1.1	0.0	**	0.0	**	0.0	0.0	**	1.0	**	0.0	1.2	1.6	**	**	**
Listeriosis	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	**	**	**	0.0	0.0	0.0
Methicillin Resistant <i>S. aureus</i> (invasive)	19.5	8.3	21.0	5.6	32.8	**	**	27.8	18.3	6.2	23.4	30.7	15.2	**	21.3	17.1
Streptococcal Group A (invasive)	8.8	12.4	6.2	16.0	12.7	**	0.0	**	8.3	2.9	21.6	12.4	7.2	**	5.8	3.6
Streptococcal Group B (invasive disease in infants <90 days old)	0.8	**	0.0	**	**	**	0.0	**	0.8	**	**	0.6	0.0	0.0	**	**
<i>Streptococcus pneumoniae</i> (invasive)	10.1	64.6	9.3	11.8	16.4	23.5	0.0	**	8.8	7.6	36.8	10.8	8.7	**	7.5	7.7
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>)	0.4	0.0	**	**	0.0	0.0	0.0	0.0	0.3	**	**	**	**	**	0.0	0.0
Yersiniosis (except <i>Y. pestis</i>)	0.3	0.0	0.0	**	0.0	0.0	0.0	0.0	0.3	0.0	0.0	**	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. Hepatitis E has been reported separately from Hepatitis non-A non-B beginning in 1998. 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. Rates calculated for Streptococcus Group B (invasive disease in infants <90 days old) represent the number of cases per 1000 live births; all other morbidity rates 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,
1981-2006 AND 2007-2017

County	1981-2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Apache	51	*	*	9	*	8	10	7	9	10	8	6
Cochise	177	17	*	6	*	10	6	7	*	8	9	*
Coconino	163	8	6	*	11	*	*	13	12	*	10	18
Gila	35	*	*	*	*	*	0	*	*	*	*	*
Graham	45	*	0	*	*	*	0	0	*	0	0	*
Greenlee	*	0	0	0	*	0	0	0	0	0	0	0
La Paz	33	0	0	*	*	*	0	*	*	0	0	*
Maricopa	11,570	548	512	459	424	411	484	473	561	522	535	526
Mohave	207	13	11	10	19	11	*	12	*	*	7	8
Navajo	85	7	6	7	*	9	6	13	12	6	10	11
Pima	2,841	93	80	86	96	58	74	106	95	102	87	117
Pinal	435	59	49	48	38	35	20	43	33	33	43	39
Santa Cruz	43	*	0	*	0	*	*	0	*	*	*	6
Yavapai	198	10	9	7	*	6	7	9	*	7	*	8
Yuma	207	11	12	15	15	10	12	11	8	10	18	18
Missing	*	0	0	0	0	0	0	0	0	0	0	0
ARIZONA	16,100†	780†	700†	660†	630†	570†	630†	700†	750†	710†	740†	770†

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 (2017 volume as of 06/29/2018; 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^a, ARIZONA, 2007-2017

County	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA	39,495	38,030	35,338	38,076	36,713	37,064	35,791	38,911	40,439	41,105	40,939
Apache	325	252	239	219	229	203	159	201	208	196	178
Cochise	967	836	963	956	859	709	736	751	798	746	630
Coconino	1,026	985	994	915	879	983	841	938	1,029	1,007	1,001
Gila	358	344	286	317	289	288	304	326	290	294	303
Graham	331	314	313	286	211	304	298	372	324	314	310
Greenlee	25	60	46	33	51	51	61	63	70	66	60
La Paz	147	174	76	135	117	120	112	135	111	129	113
Maricopa	23,964	23,183	21,347	23,127	22,748	23,552	22,519	24,411	25,454	26,294	26,629
Mohave	1,524	1,364	1,186	1,304	1,242	1,309	1,210	1,261	1,293	1,281	1,277
Navajo	517	491	523	579	464	492	492	504	617	414	489
Pima	5,705	5,620	5,392	5,972	5,591	5,291	5,419	5,956	6,003	6,000	5,655
Pinal	1,365	1,381	1,277	1,373	1,318	1,216	1,213	1,285	1,332	1,386	1,428
Santa Cruz	324	253	201	314	207	161	139	227	288	253	228
Yavapai	1,463	1,341	1,144	1,237	1,263	1,284	1,129	1,338	1,427	1,491	1,396
Yuma	1,454	1,432	1,351	1,309	1,245	1,101	1,159	1,143	1,195	1,234	1,242

Note: ^a Marriages recorded unless otherwise indicated.

TABLE 5G-2
MARRIAGE RATES^a BY YEAR AND COUNTY OF OCCURRENCE, ARIZONA, 2007-2017

County	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA	6.1	5.8	5.4	6.0	5.7	5.7	5.4	5.8	6.0	6.0	5.9
Apache	4.3	3.3	3.1	3.1	3.2	2.8	2.2	2.8	2.9	2.7	2.4
Cochise	7.0	6.0	6.8	7.3	6.6	5.4	5.6	5.8	6.2	5.8	4.9
Coconino	7.6	7.3	7.2	6.8	6.6	7.3	6.2	6.7	7.3	7.1	6.9
Gila	6.4	6.0	4.8	5.9	5.4	5.4	5.7	6.0	5.3	5.4	5.5
Graham	9.1	8.1	7.9	7.7	5.6	8.1	7.9	9.7	8.4	8.2	8.1
Greenlee	3.0	6.7	5.3	3.9	6.1	5.9	5.6	6.0	6.6	6.3	5.5
La Paz	6.7	8.1	3.5	6.6	5.6	5.7	5.3	6.4	5.2	6.1	5.2
Maricopa	6.2	5.9	5.4	6.1	5.9	6.1	5.7	6.1	6.2	6.4	6.3
Mohave	7.6	6.7	5.8	6.5	6.2	6.4	5.9	6.2	6.3	6.2	6.1
Navajo	4.5	4.3	4.5	5.4	4.3	4.6	4.5	4.6	5.6	3.7	4.4
Pima	5.7	5.5	5.3	6.1	5.7	5.3	5.4	5.9	5.9	5.9	5.5
Pinal	4.7	4.3	3.9	3.7	3.4	3.1	3.1	3.2	3.3	3.4	3.3
Santa Cruz	7.0	5.3	4.2	6.6	4.3	3.3	2.8	4.6	5.7	5.0	4.4
Yavapai	6.6	6.0	5.0	5.9	6.0	6.1	5.3	6.2	6.6	6.8	6.2
Yuma	7.2	7.0	6.6	6.7	6.2	5.4	5.5	5.4	5.6	5.7	5.6

Note: ^a Per 1,000 population.

TABLE 5G-3
MARRIAGES BY COUNTY OF OCCURRENCE^a AND MONTH, ARIZONA, 2017

County	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
ARIZONA	3,490 [†]	2,340 [†]	5,027	3,713	3,930 [†]	3,380 [†]	2,600 [†]	2,500 [†]	2,760 [†]	4,226	4,130 [†]	2,850 [†]	40,939
Apache	21	9	23	8	9	23	17	14	19	16	11	8	178
Cochise	45	48	68	61	65	67	77	25	61	37	25	51	630
Coconino	68	43	72	48	99	114	102	93	99	140	67	56	1,001
Gila	33	13	37	21	29	20	22	22	24	44	22	16	303
Graham	0	21	19	34	18	35	27	40	29	46	26	15	310
Greenlee	*	*	9	9	*	*	*	*	*	9	*	*	60 [†]
La Paz	9	10	12	11	8	10	*	*	8	16	10	10	110 [†]
Maricopa	2,321	1,503	3,506	2,392	2,584	2,092	1,554	1,540	1,704	2,722	2,819	1,892	26,629
Mohave	96	68	105	138	115	105	140	54	105	147	126	78	1,277
Navajo	75	20	52	17	38	17	90	43	44	39	54	0	489
Pima	482	291	677	557	541	567	263	367	353	574	593	390	5,655
Pinal	143	103	177	128	111	81	94	78	93	130	169	121	1,428
Santa Cruz	15	24	18	26	28	16	26	20	13	20	12	10	228
Yavapai	84	75	127	122	143	131	91	110	127	171	114	101	1,396
Yuma	90	104	125	141	135	94	91	80	83	115	83	101	1,242

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 Marriages recorded unless otherwise indicated.

TABLE 5G-4
DISSOLUTIONS^a OF MARRIAGE BY YEAR AND COUNTY OF OCCURRENCE, ARIZONA, 2007-2017

County	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA	24,515	24,106	23,140	22,479	25,438	28,072	26,037	26,199	24,434	23,442	24,430
Apache	70	60	45	72	69	57	77	73	67	62	72
Cochise	490	531	566	645	589	580	419	379	464	416	283
Coconino	268	242	260	527	392	419	382	362	365	365	362
Gila	184	196	188	208	159	172	133	165	119	157	123
Graham	152	157	167	191	134	185	156	133	162	151	157
Greenlee	50	52	54	45	39	43	45	51	48	36	32
La Paz	85	45	9	43	37	31	12	16	34	43	54
Maricopa	15,859	15,263	14,088	13,215	16,108	19,047	17,922	18,241	16,324	15,597	16,878
Mohave	851	812	715	519	653	616	409	394	579	502	428
Navajo	310	315	303	163	243	245	211	250	214	217	247
Pima	3,854	3,910	3,949	3,988	4,175	3,917	3,777	3,685	3,422	3,298	3,225
Pinal	822	888	1,051	1,103	1,102	848	617	909	906	856	829
Santa Cruz	135	139	118	132	110	84	97	98	147	151	121
Yavapai	742	826	903	905	901	1,027	786	685	750	756	794
Yuma	643	670	724	723	727	801	994	758	833	835	825

Note: ^a Divorces and annulments granted.

**TABLE 5G-5
DISSOLUTIONS OF MARRIAGE RATES^a BY YEAR AND COUNTY OF OCCURRENCE, ARIZONA, 2007-2017**

County	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ARIZONA	3.8	3.7	3.5	3.5	4.0	4.3	4.0	3.9	3.6	3.4	3.5
Apache	0.9	0.8	0.6	1.0	1.0	0.8	1.1	1.0	0.9	0.9	1.0
Cochise	3.6	3.8	4.0	4.9	4.5	4.4	3.2	2.9	3.6	3.2	2.2
Coconino	2.0	1.8	1.9	3.9	2.9	3.1	2.8	2.6	2.6	2.6	2.5
Gila	3.3	3.4	3.2	3.9	3.0	3.2	2.5	3.0	2.2	2.9	2.2
Graham	4.2	4.1	4.2	5.1	3.6	5.0	4.1	3.5	4.2	3.9	4.1
Greenlee	6.1	5.8	6.2	5.3	4.7	5.0	4.1	4.9	4.5	3.5	2.9
La Paz	3.9	2.1	0.4	2.1	1.8	1.5	0.6	0.8	1.6	2.0	2.5
Maricopa	4.1	3.9	3.6	3.5	4.2	4.9	4.5	4.6	4.0	3.8	4.0
Mohave	4.2	4.0	3.5	2.6	3.3	3.0	2.0	1.9	2.8	2.4	2.0
Navajo	2.7	2.7	2.6	1.5	2.3	2.3	1.9	2.3	2.0	2.0	2.2
Pima	3.8	3.9	3.9	4.1	4.2	4.0	3.8	3.7	3.4	3.3	3.1
Pinal	2.8	2.8	3.2	2.9	2.9	2.2	1.6	2.3	2.2	2.1	1.9
Santa Cruz	2.9	2.9	2.5	2.8	2.3	1.7	2.0	2.0	2.9	3.0	2.3
Yavapai	3.4	3.7	4.0	4.3	4.3	4.9	3.7	3.2	3.4	3.4	3.5
Yuma	3.2	3.3	3.5	3.7	3.6	3.9	4.7	3.6	3.9	3.8	3.7

Note: ^a Per 1,000 population.

**TABLE 5G-6
DISSOLUTIONS^a OF MARRIAGE COUNTY OF OCCURRENCE AND MONTH, ARIZONA, 2017**

County	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
ARIZONA	2,380†	1,890†	2,070†	2,050†	2,529	2,230†	2,000†	2,260†	1,820†	2,220†	1,430†	1,560†	24,430
Apache	8	*	6	6	6	*	6	9	*	*	9	8	70†
Cochise	35	39	46	30	50	40	42	0	0	0	0	*	280†
Coconino	23	31	34	21	28	29	30	39	31	32	33	31	362
Gila	13	14	10	9	9	14	8	12	12	9	7	6	123
Graham	14	17	12	13	6	10	13	16	11	18	9	18	157
Greenlee	7	*	*	*	0	*	0	6	0	*	*	*	30†
La Paz	*	*	6	*	9	*	*	*	6	6	8	*	50†
Maricopa	1,666	1,429	1,448	1,430	1,862	1,605	1,346	1,453	1,180	1,544	961	954	16,878
Mohave	41	20	46	33	29	21	32	53	33	44	27	49	428
Navajo	20	19	23	16	22	25	30	28	21	24	19	19	247
Pima	301	268	171	279	287	291	270	339	296	292	161	270	3,225
Pinal	83	70	68	69	75	76	89	101	67	74	50	77	829
Santa Cruz	8	14	7	10	15	8	6	7	22	*	15	7	120†
Yavapai	43	48	83	60	94	58	74	70	64	60	62	78	794
Yuma	117	69	105	66	37	50	48	125	68	109	67	33	825

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 Divorces and annulments granted.