

CHAPTER 5

TRENDS AND PATTERNS IN HEALTH STATUS AND VITAL STATISTICS BY COUNTY OF RESIDENCE, 2006-2016

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5A

PREGNANCIES BY PREGNANCY OUTCOME

**TABLE 5A-1
PREGNANCIES AND PREGNANCY RATES BY PREGNANCY OUTCOME AND COUNTY OF RESIDENCE, ARIZONA, 2016**

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	1,320,640	84,404	13,170	490†	98,060	63.9	10.0	74.3	13.4	
Apache	13,268	1,022	18	*	1,040†	77.0	1.4	**	1.7	
Cochise	20,997	1,531	103	10	1,644	72.9	4.9	78.3	6.3	
Coconino	34,522	1,615	210	13	1,838	46.8	6.1	53.2	11.4	
Gila	7,461	593	64	8	665	79.5	8.6	89.1	9.6	
Graham	7,030	558	20	*	580†	79.4	2.8	**	3.4	
Greenlee	2,038	149	10	*	160†	73.1	4.9	**	6.2	
La Paz	2,558	223	10	*	230†	87.2	3.9	**	4.3	
Maricopa	840,840	54,021	9,076	314	63,411	64.2	10.8	75.4	14.3	
Mohave	28,593	1,803	24	17	1,844	63.1	0.8	64.5	1.3	
Navajo	18,988	1,498	69	13	1,580	78.9	3.6	83.2	4.4	
Pima	195,987	11,403	1,816	55	13,274	58.2	9.3	67.7	13.7	
Pinal	69,888	4,471	345	19	4,835	64.0	4.9	69.2	7.1	
Santa Cruz	9,351	642	35	*	680†	68.7	3.7	**	5.1	
Yavapai	29,733	1,868	234	12	2,114	62.8	7.9	71.1	11.1	
Yuma	39,386	3,004	43	10	3,057	76.3	1.1	77.6	1.4	

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, 2016**

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†	*	97	28	69
Cochise	140†	*	139	37	102
Coconino	150†	*	147	44	103
Gila	90†	*	88	30	58
Graham	50†	*	50	13	37
Greenlee	17	0	20†	*	12
La Paz	19	0	20†	*	15
Maricopa	4,021	48	3,973	996	2,977
Mohave	140†	*	140	28	112
Navajo	155	0	155	59	96
Pima	901	11	890	223	667
Pinal	337	6	331	88	243
Santa Cruz	70†	*	73	22	51
Yavapai	150†	*	142	30	112
Yuma	260†	*	260	79	181
STATE TOTAL	6,724	90†	6,639	1,710†	4,932
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	17.2	**	34.2	15.3	68.1
Cochise	18.8	**	37.9	16.3	73.0
Coconino	13.0	**	20.1	17.7	21.3
Gila	31.3	**	62.9	33.7	114.2
Graham	18.2	**	35.0	14.4	70.6
Greenlee	21.5	0.0	43.0	**	84.5
La Paz	20.7	0.0	42.9	**	94.9
Maricopa	14.4	0.3	28.8	11.7	56.4
Mohave	13.5	**	26.9	8.1	63.2
Navajo	19.3	0.0	40.0	23.5	70.2
Pima	14.2	0.4	26.5	12.2	43.5
Pinal	12.9	0.4	27.1	10.9	58.9
Santa Cruz	18.1	**	36.6	17.5	69.3
Yavapai	13.5	**	26.4	9.0	55.1
Yuma	17.5	**	35.3	17.6	63.1
STATE TOTAL	14.9	0.4	29.5	12.6	55.0

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 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, 2006-2016**

	ARIZONA	APACHE	COCHISE	COCONINO	GILA	GRAHAM	GREENLEE	LA PAZ	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	SANTA CRUZ	YAVAPAI	YUMA
2006	34.1	25.6	24.2	31.0	37.7	35.5	24.7	30.0	35.4	33.0	30.0	32.9	34.1	32.9	29.6	38.0
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
2006	115.6	87.9	71.1	84.0	139.8	95.6	69.0	63.0	125.0	142.1	99.4	95.8	129.3	108.5	109.2	122.8
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
2006	15.1	10.8	12.0	14.1	16.6	17.6	**	13.1	15.7	12.4	14.9	14.7	13.4	16.5	11.8	16.6
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

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, 2016**

		Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	Un-known
STATE TOTAL	Total pregnancies	98,060	85	1,707	4,932	23,915	29,085	23,825	11,641	2,633	229	8
	Births	84,404	54	1,420	3,916	19,775	25,328	21,394	10,209	2,125	183	0
	Abortions	13,170	31	277	989	4,046	3,634	2,310	1,361	472	43	7
	Fetal deaths	490†	0	10	27	94	123	121	71	36	*	*
APACHE	Total pregnancies	1,040†	0†	28	70†	280†	290†	220†	120†	30†	0†	0
	Births	1,020†	*	28	68	270	286	219	116	30	*	0
	Abortions	20†	0	0	*	7	*	*	*	0	0	0
	Fetal deaths	0†	0	0	0	*	0	*	0	*	0	0
COCHISE	Total pregnancies	1,640†	0†	37	100†	440†	530†	350†	160†	40†	0†	0
	Births	1,530†	0	30	95	397	496	331	142	36	*	0
	Abortions	100†	*	7	6	37	26	12	12	*	0	0
	Fetal deaths	10†	0	0	*	*	*	*	*	0	0	0
COCONINO	Total pregnancies	1,840†	0†	40†	100†	440†	550†	420†	224	50†	10†	0
	Births	1,620†	*	37	81	357	491	396	206	42	*	0
	Abortions	210†	0	6	19	81	54	22	18	9	*	0
	Fetal deaths	10†	0	*	*	*	*	*	0	*	0	0
GILA	Total pregnancies	670†	0†	30	60†	177	210†	130†	60†	10†	0†	0
	Births	590†	*	30	44	157	192	112	48	6	*	0
	Abortions	60†	0	0	13	20	12	11	*	*	*	0
	Fetal deaths	10†	0	0	*	0	*	*	*	0	0	0
GRAHAM	Total pregnancies	580†	0†	10†	40†	200†	160†	110†	50†	10†	0	0
	Births	560†	*	11	35	190	159	105	48	8	0	0
	Abortions	20†	0	*	*	8	*	*	*	*	0	0
	Fetal deaths	10†	0	*	0	*	*	*	0	0	0	0
GREENLEE	Total pregnancies	160†	0	10†	10†	40†	50†	40†	10†	0†	0	0
	Births	150†	0	*	11	38	46	35	12	*	0	0
	Abortions	10†	0	*	0	*	*	*	*	0	0	0
	Fetal deaths	0†	0	0	*	*	0	0	0	0	0	0
LA PAZ	Total pregnancies	230†	0	0†	15	80†	70†	50†	20†	0†	0	0
	Births	220†	0	*	15	74	67	47	15	*	0	0
	Abortions	10†	0	0	0	*	*	*	*	0	0	0
	Fetal deaths	0†	0	0	0	*	0	0	0	0	0	0
MARICOPA	Total pregnancies	63,411	48	1,000†	2,977	14,706	18,629	16,067	7,952	1,880	160†	0†
	Births	54,021	29	819	2,302	11,913	15,982	14,377	6,973	1,504	122	0
	Abortions	9,076	19	174	661	2,731	2,561	1,618	928	351	32	*
	Fetal deaths	310†	0	*	14	62	86	72	51	25	*	0
MOHAVE	Total pregnancies	1,840†	0†	30†	110†	560†	630†	340†	140†	29	0†	0†
	Births	1,800†	*	26	109	554	619	331	130	29	*	0
	Abortions	20†	0	0	*	*	10	*	*	0	0	0
	Fetal deaths	20†	0	*	0	*	*	*	*	0	0	*
NAVAJO	Total pregnancies	1,580†	0	60†	100†	430†	470†	330†	160†	50†	0†	0
	Births	1,500†	0	55	94	404	443	308	152	40	*	0
	Abortions	70†	0	*	*	24	19	13	*	*	*	0
	Fetal deaths	10†	0	0	0	*	*	*	*	*	0	0
PIMA	Total pregnancies	13,274	10†	220†	670†	3,253	3,982	3,202	1,609	300†	30†	0
	Births	11,403	6	181	536	2,663	3,478	2,882	1,383	255	19	0
	Abortions	1,820†	*	40	127	580	496	302	216	45	*	0
	Fetal deaths	60†	0	*	*	10	8	18	10	*	*	0
PINAL	Total pregnancies	4,835	10†	90†	240†	1,240†	1,512	1,172	480†	80†	12	0
	Births	4,470†	*	76	209	1,146	1,421	1,085	450	69	12	0
	Abortions	350†	*	11	33	95	84	80	32	7	0	0
	Fetal deaths	20†	0	*	*	*	7	7	*	*	0	0
SANTA CRUZ	Total pregnancies	680†	0†	20†	50†	180†	200†	131	80†	20†	0†	0
	Births	640†	*	20	49	168	191	124	75	14	0	0
	Abortions	40†	0	*	*	9	9	7	*	*	0	0
	Fetal deaths	0†	0	0	0	*	*	0	0	0	*	0
YAVAPAI	Total pregnancies	2,110†	0†	30	110†	620†	600†	460†	230†	50†	10†	0
	Births	1,870†	*	22	96	540	543	411	204	40	10	0
	Abortions	230†	*	8	15	74	58	43	25	9	*	0
	Fetal deaths	10†	0	0	*	*	*	*	*	*	0	0
YUMA	Total pregnancies	3,060†	0†	80†	180†	920†	930†	640†	260†	50†	0†	0
	Births	3,000†	*	77	172	903	912	631	255	48	*	0
	Abortions	40†	0	*	8	14	12	6	*	0	0	0
	Fetal deaths	10†	0	0	*	*	*	*	0	*	0	0
UNKNOWN	Total pregnancies	1,100†	0†	21	97	360†	280†	185	100	41	0†	6
	Births	0†	0	0	0	*	*	0	0	0	0	0
	Abortions	1,090†	*	21	97	359	280	185	100	41	*	6
	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, 2016**

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	100†	*	96	28	68
Cochise	125	0	125	30	95
Coconino	120†	*	118	37	81
Gila	80†	*	74	30	44
Graham	50†	*	46	11	35
Greenlee	15	0	20†	*	11
La Paz	19	0	20†	*	15
Maricopa	3,150	29	3,121	819	2,302
Mohave	140†	*	135	26	109
Navajo	149	0	149	55	94
Pima	723	6	717	181	536
Pinal	290†	*	285	76	209
Santa Cruz	70†	*	69	20	49
Yavapai	120†	*	118	22	96
Yuma	250†	*	249	77	172
STATE TOTAL	5,390	50†	5,336	1,420†	3,916

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	17.0	**	33.8	15.3	67.1
Cochise	16.8	0.0	34.1	13.2	68.0
Coconino	10.5	**	16.1	14.8	16.8
Gila	26.5	**	52.9	33.7	86.6
Graham	16.8	**	32.2	12.2	66.8
Greenlee	19.0	0.0	38.0	**	77.5
La Paz	20.7	0.0	42.9	**	94.9
Maricopa	11.3	0.2	22.6	9.6	43.6
Mohave	13.0	**	25.9	7.6	61.5
Navajo	18.5	0.0	38.4	21.9	68.7
Pima	11.4	0.2	21.3	9.9	35.0
Pinal	11.0	**	23.4	9.4	50.7
Santa Cruz	17.1	**	34.6	15.9	66.6
Yavapai	11.2	**	21.9	6.6	47.2
Yuma	16.8	**	33.8	17.1	60.0
STATE TOTAL	12.0	0.2	23.7	10.5	43.7

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, 2006-2016**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA	9.1	9.0	8.3	7.2	6.4	5.8	5.7	6.6	5.3	4.6	4.1
Apache	9.8	8.3	9.2	9.3	7.8	6.8	6.4	5.6	5.8	4.3	5.1
Cochise	5.0	5.6	4.3	5.1	4.3	3.6	3.8	3.9	3.4	2.0	1.5
Coconino	10.9	11.2	9.7	8.8	8.2	7.8	7.3	2.3	7.0	5.4	5.3
Gila	0.7	0.5	-0.4	1.0	0.2	-1.1	-0.8	5.9	-1.8	-4.3	-4.4
Graham	6.8	8.3	9.1	9.4	6.1	9.6	6.1	2.9	8.4	8.6	7.3
Greenlee	5.4	9.1	8.8	9.2	5.9	5.7	5.9	4.2	8.8	8.1	9.3
La Paz	1.3	1.2	2.1	-2.4	0.0	-0.7	-1.0	5.5	-1.9	-2.6	-2.2
Maricopa	10.9	10.7	9.8	8.4	7.8	7.3	7.4	1.9	6.9	6.3	5.7
Mohave	0.6	1.4	-0.8	-0.2	-1.7	-2.3	-3.7	1.7	-3.5	-5.7	-6.7
Navajo	9.0	9.7	10.0	9.3	8.5	6.9	6.8	1.1	6.2	5.6	4.4
Pima	6.2	5.9	5.4	4.7	4.1	3.5	3.2	3.2	3.1	2.2	1.9
Pinal	9.3	11.1	11.5	10.1	7.3	5.8	5.7	3.0	4.7	3.7	3.6
Santa Cruz	11.4	10.8	11.5	10.0	9.1	9.3	7.6	7.0	6.5	6.5	6.7
Yavapai	0.0	0.3	-0.7	-1.1	-2.9	-3.1	-4.0	2.7	-3.8	-4.8	-4.9
Yuma	11.2	10.3	11.1	9.4	10.0	9.3	8.4	2.1	7.7	7.4	6.9

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, 2006-2016**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA	16.4	16.0	15.2	14.0	13.2	13.2	13.2	12.9	13.0	12.6	12.3
Apache	15.9	15.2	15.9	16.2	15.4	14.9	12.9	13.2	14.2	13.2	14.2
Cochise	13.4	13.5	12.8	13.0	13.6	12.7	13.0	12.3	12.7	12.1	11.9
Coconino	15.5	15.8	14.6	13.7	13.2	13.2	12.6	12.0	12.2	11.1	11.3
Gila	12.1	12.4	12.2	11.9	12.5	11.6	11.4	11.0	12.0	10.7	10.9
Graham	15.1	16.0	16.7	16.2	14.2	16.1	14.1	15.8	15.7	15.1	14.6
Greenlee	13.3	16.7	14.6	15.0	12.4	14.2	13.3	11.5	13.7	14.6	14.3
La Paz	10.7	10.6	11.4	8.0	9.8	8.3	9.8	9.7	10.0	9.4	10.5
Maricopa	17.6	17.0	16.0	14.5	14.2	13.9	14.0	13.7	13.8	13.4	13.1
Mohave	12.7	12.1	11.2	10.9	10.1	9.8	8.5	8.6	9.0	9.0	8.8
Navajo	16.7	17.4	16.9	16.4	16.2	15.3	15.1	14.3	14.7	13.8	13.6
Pima	14.2	13.7	13.3	12.6	12.4	12.0	12.0	12.0	11.8	11.4	11.3
Pinal	16.6	18.0	17.8	16.2	13.3	12.0	12.0	11.6	11.3	11.0	10.8
Santa Cruz	16.6	16.5	16.8	16.0	14.6	14.4	13.8	13.2	12.1	12.4	12.7
Yavapai	11.2	11.0	9.8	9.1	8.6	8.7	8.4	8.5	9.0	8.6	8.5
Yuma	17.2	16.1	16.5	15.8	16.5	16.0	15.2	14.9	14.4	14.0	13.8

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

**TABLE 5B-3
BIRTHS BY COUNTY OF RESIDENCE, ARIZONA, 2006-2016**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA^a	102,042	102,687	99,215	92,616	87,053	85,190	85,725	84,963	86,648	85,024	84,404
Apache	1,189	1,149	1,211	1,242	1,099	1,071	930	951	1,018	953	1,022
Cochise	1,808	1,860	1,781	1,846	1,781	1,664	1,704	1,607	1,643	1,566	1,531
Coconino	2,062	2,132	1,985	1,894	1,775	1,771	1,689	1,625	1,701	1,575	1,615
Gila	667	694	697	704	670	620	609	590	649	580	593
Graham	540	582	644	645	530	606	525	600	603	580	558
Greenlee	110	138	131	130	105	119	114	125	144	154	149
La Paz	229	230	246	174	200	172	204	204	213	199	223
Maricopa	66,160	65,931	62,667	57,663	54,236	53,361	54,475	53,848	55,285	54,600	54,021
Mohave	2,468	2,439	2,301	2,220	2,022	1,962	1,736	1,742	1,833	1,845	1,803
Navajo	1,877	2,012	1,944	1,893	1,737	1,642	1,633	1,554	1,609	1,517	1,498
Pima	13,929	13,798	13,503	12,840	12,169	11,874	11,876	11,965	11,844	11,476	11,403
Pinal	4,467	5,285	5,731	5,309	4,990	4,607	4,656	4,564	4,490	4,454	4,471
Santa Cruz	753	766	796	761	693	694	671	652	599	621	642
Yavapai	2,380	2,411	2,216	2,061	1,817	1,829	1,782	1,820	1,943	1,877	1,868
Yuma	3,354	3,252	3,362	3,234	3,229	3,198	3,121	3,116	3,058	3,017	3,004
Unknown	49	8	0	0	0	0	0	0	16	10	*

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

**TABLE 5B-4
BIRTHS BY COUNTY OF OCCURRENCE^a, ARIZONA, 2006-2016**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA^b	103,171	103,803	100,088	93,331	88,100	86,121	87,221	86,586	88,065	86,845	86,228
Apache	1,093	1,045	1,037	1,012	967	1,003	932	947	872	888	788
Cochise	1,474	1,455	1,424	1,450	1,303	1,091	1,096	1,077	1,106	1,103	1,124
Coconino	2,292	2,410	2,251	2,227	2,087	2,057	2,013	1,929	1,993	1,874	1,886
Gila	530	529	533	593	529	505	482	460	503	441	489
Graham	594	667	665	660	552	597	521	605	669	624	623
Greenlee	0	*	0	0	*	0	0	0	0	0	0
La Paz	*	*	*	0	*	6	*	*	*	*	7
Maricopa	70,437	70,956	68,112	62,708	59,036	57,046	58,188	57,529	59,070	58,194	57,481
Mohave	2,530	2,420	2,319	2,107	2,061	1,993	1,976	1,995	2,000	1,949	1,931
Navajo	1,514	1,591	1,537	1,481	1,369	1,271	1,288	1,236	1,272	1,234	1,232
Pima	15,057	15,056	14,647	14,019	13,393	13,138	13,228	13,235	13,124	12,781	12,634
Pinal	997	1,088	1,045	952	918	1,596	1,814	1,743	1,615	1,597	1,689
Santa Cruz	848	879	889	812	784	762	728	744	716	720	730
Yavapai	2,186	2,183	1,974	1,853	1,635	1,647	1,598	1,653	1,770	1,674	1,662
Yuma	3,615	3,519	3,650	3,457	3,460	3,409	3,354	3,385	3,333	3,347	3,331
Unknown	0	0	0	0	0	0	0	46	18	415	621

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, 2016**

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	591	0	19	0	0	0	0	30	0	211	*	*	0	0	0	853	169	1,020†
Cochise	0	1,071	0	0	26	0	0	12	0	0	415	0	*	0	0	1,525	6	1,530†
Coconino	*	0	1,486	*	*	0	0	58	*	20	*	0	0	6	0	1,583	32	1,620†
Gila	0	0	0	438	6	0	0	130	0	*	10	6	0	0	0	592	*	590†
Graham	0	0	0	33	455	0	0	29	0	0	40	*	0	0	0	558	0	560†
Greenlee	0	*	0	0	125	0	0	8	0	0	12	0	0	0	0	146	*	150†
La Paz	0	0	0	0	0	0	7	40	166	0	0	0	0	0	0	216	7	220†
Maricopa	7	*	15	7	*	0	0	53,554	*	*	34	182	6	19	9	53,847	174	54,020†
Mohave	0	0	*	0	0	0	0	38	1,625	0	*	0	0	*	0	1,670	133	1,800†
Navajo	113	0	283	*	*	0	0	83	0	992	*	0	0	0	0	1,478	20	1,500†
Pima	0	*	*	0	0	0	0	66	0	*	11,251	28	20	0	*	11,374	29	11,400†
Pinal	*	0	*	6	0	0	0	2,817	*	0	173	1,459	*	0	*	4,461	10	4,470†
Santa Cruz	0	*	0	0	0	0	0	7	0	0	210	0	420	0	0	640	*	640†
Yavapai	*	0	48	*	*	0	0	173	*	0	*	0	0	1,631	*	1,861	7	1,870†
Yuma	0	0	0	0	0	0	0	53	*	0	*	0	0	0	2,921	2,977	27	3,000†
Unknown	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	*	*	3
AZ resident	720†	1,080†	1,860†	490†	620†	0	7	57,100	1,800†	1,230†	12,160†	1,680†	450†	1,660†	2,940†	83,780†	620†	84,404
Non-resident born in AZ	70	41	27	*	*	0	0	381	130	*	479	12	281	*	392	1,820†		
Total born in specified county	790†	1,120†	1,890†	490†	620†	0	7	57,480†	1,930†	1,230†	12,630†	1,690†	730†	1,660†	3,330†	86,228		

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 10 births with unknown Arizona county of residence.

**TABLE 5B-6
NUMBER OF BIRTHS BY MONTH AND COUNTY OF RESIDENCE, ARIZONA, 2016**

	TOTAL	Month of birth											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ARIZONA	84,404	7,053	6,729	6,830	6,558	6,724	6,754	7,045	7,711	7,687	7,192	6,898	7,223
Apache	1,022	76	79	97	79	86	90	75	109	93	88	71	79
Cochise	1,531	124	123	122	129	128	116	133	138	122	133	129	134
Coconino	1,615	134	124	156	110	118	144	140	144	130	136	132	147
Gila	593	42	57	34	46	42	47	71	50	59	49	51	45
Graham	558	53	49	38	54	52	35	49	53	45	47	42	41
Greenlee	149	8	14	17	14	10	9	10	9	16	17	12	13
La Paz	223	12	20	13	21	18	23	18	25	17	15	19	22
Maricopa	54,021	4,512	4,332	4,398	4,160	4,370	4,358	4,469	4,885	4,919	4,584	4,404	4,630
Mohave	1,803	143	117	132	169	133	166	148	198	156	126	158	157
Navajo	1,498	127	122	130	123	134	123	125	127	150	105	112	120
Pima	11,403	931	892	903	876	877	896	980	1,049	1,071	1,003	935	990
Pinal	4,471	381	361	363	355	339	333	366	392	429	405	371	376
Santa Cruz	642	66	54	55	50	42	50	52	64	50	62	44	53
Yavapai	1,868	166	157	153	150	164	142	149	154	147	163	164	159
Yuma	3,004	278	228	219	222	211	221	260	314	283	258	253	257
Unknown	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-7
BIRTHS BY MOTHER'S RACE/ETHNICITY, THE PARTY PAYING FOR THE DELIVERY, AND COUNTY OF RESIDENCE, ARIZONA, 2016**

	County of residence																
	Apache	Cochise	Cocconino	Gila	Graham	Greenlee	La Paz	Marcopata	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown	
All racial/ethnic groups	Total	1,022	1,530†	1,615	593	558	149	223	54,021	1,803	1,498	11,403	4,471	642	1,868	3,004	0†
	AHCCCS	680	777	906	383	255	55	148	27,495	1,152	1,098	5,494	2,248	461	1,100	1,892	*
	IHS	174	*	45	61	58	0	24	226	12	48	230	166	0	9	14	0
	Private Insurance	131	502	580	129	220	83	43	23,442	539	308	5,199	1,856	130	615	738	*
	Self-pay	34	247	81	19	25	11	7	2,599	90	41	477	200	46	138	358	0
	Unknown	301	*	*	*	0	0	*	259	10	*	*	*	*	6	*	0
White non-Hispanic	Total	231	751	710†	278	300†	80†	90†	24,562	1,320†	510†	4,626	2,311	41	1,360†	590†	0†
	AHCCCS	124	289	232	179	123	34	54	7,705	813	284	1,544	954	16	727	188	*
	IHS	14	0	*	0	*	0	7	43	*	*	13	10	0	*	*	0
	Private Insurance	78	322	417	86	156	43	29	15,209	419	194	2,879	1,229	18	510	243	0
	Self-pay	14	138	60	12	18	*	*	1,475	79	32	189	117	7	112	156	0
	Unknown	150†	*	*	*	*	0	*	130	6	*	*	*	0	*	*	0
Hispanic or Latino	Total	33,874	50†	677	233	120†	130†	66	70†	21,755	160†	5,354	1,545	599	430†	2,310†	0†
	AHCCCS	23,480	34	447	163	83	78	20	56	15,539	279	102	3,263	993	445	325	1,652
	IHS	70†	*	0	0	0	0	0	22	0	0	16	22	0	*	*	0
	Private Insurance	8,740	10	147	60	31	51	38	10	5,298	86	1,826	469	111	88	465	*
	Self-pay	1,490†	*	81	10	*	*	8	*	815	9	247	61	38	19	188	0
	Unknown	100†	*	*	0	0	0	0	0	81	*	*	*	*	*	*	0
Black or African American	Total	4,390†	0	64	10†	0†	10†	0†	0†	3,520†	21	0†	500†	202	10†	41	0
	AHCCCS	3,060†	0	25	7	*	*	0	*	2,505	15	*	341	131	0	22	0
	IHS	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0
	Private Insurance	1,100†	0	19	*	0	0	*	0	849	6	145	61	*	*	11	0
	Self-pay	210†	0	20	*	0	*	*	0	149	0	15	10	0	*	8	0
	Unknown	18	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0
American Indian or Alaska Native	Total	5,030†	734	10†	626	200†	120†	0†	60†	1,512	70†	817	488	326	0	40†	0
	AHCCCS	3,440†	521	9	491	118	49	*	35	1,069	37	706	210	140	0	31	18
	IHS	900†	159	*	44	61	57	0	16	158	11	46	198	134	0	*	11
	Private Insurance	610†	37	*	84	12	9	0	*	257	17	58	72	44	0	*	8
	Self-pay	80†	16	*	7	*	*	0	*	24	*	6	8	8	0	*	0
	Unknown	10†	*	0	0	0	0	0	0	*	0	*	0	0	0	0	0
Asian or Pacific Islander	Total	3,350†	10†	27	30†	0†	10†	0†	0†	2,670†	19	10†	430†	90†	20†	30†	0
	AHCCCS	900†	*	7	13	*	*	0	*	677	8	*	136	30	0	8	12
	IHS	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0
	Private Insurance	2,240†	6	13	16	0	*	*	*	1,829	11	*	277	53	0	12	11
	Self-pay	180†	*	7	*	*	*	0	0	136	0	0	18	*	*	*	0
	Unknown	26	0	0	0	0	0	0	0	26	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, 2016**

	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	84,404	42,943	41,461	37,762	19,214	18,548	33,874	17,234	16,640	4,388	2,226	2,162	5,030	2,537	2,493	3,350	1,732	1,618	
Apache	1,022	512	510	231	120	111	49	29	20	0	0	0	734	359	375	10†	*	*	
Cochise	1,531	775	756	751	386	365	677	324	353	64	40	24	10†	9	*	27	16	11	
Coconino	1,615	807	808	713	356	357	233	117	116	10†	6	*	626	313	313	32	15	17	
Gila	593	284	309	278	139	139	116	53	63	0†	0	*	195	92	103	0†	0	*	
Graham	558	261	297	298	138	160	134	65	69	10†	*	*	116	52	64	10†	*	*	
Greenlee	149	79	70	79	47	32	66	30	36	0†	*	*	0†	*	0	0†	0	*	
La Paz	223	114	109	94	46	48	69	36	33	0†	0	*	56	30	26	0†	*	*	
Maricopa	54,021	27,619	26,402	24,562	12,521	12,041	21,755	11,129	10,626	3,523	1,793	1,730	1,512	788	724	2,669	1,388	1,281	
Mohave	1,803	917	886	1,318	672	646	378	185	193	21	12	9	67	41	26	19	7	12	
Navajo	1,498	756	742	513	247	266	155	96	59	0†	*	*	817	407	410	10†	*	6	
Pima	11,403	5,847	5,556	4,626	2,364	2,262	5,354	2,765	2,589	502	242	260	488	256	232	433	220	213	
Pinal	4,471	2,179	2,292	2,311	1,164	1,147	1,545	724	821	202	99	103	326	151	175	87	41	46	
Santa Cruz	642	338	304	41	19	22	599	317	282	0†	*	0	0	0	0	0†	*	0	
Yavapai	1,868	940	928	1,357	689	668	434	210	224	10†	*	6	42	20	22	24	16	8	
Yuma	3,004	1,513	1,491	589	306	283	2,308	1,152	1,156	41	21	20	38	18	20	28	16	12	
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-9
NUMBER OF BIRTHS BY MOTHER'S AGE GROUP AND COUNTY OF RESIDENCE, ARIZONA, 2016**

	Total	Mother's age group									
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	
ARIZONA	84,404	50†	1,420†	3,916	19,775	25,328	21,394	10,209	2,130†	180†	
Apache	1,020†	*	28	68	270	286	219	116	30	*	
Cochise	1,530†	0	30	95	397	496	331	142	36	*	
Coconino	1,620†	*	37	81	357	491	396	206	42	*	
Gila	590†	*	30	44	157	192	112	48	6	*	
Graham	560†	*	11	35	190	159	105	48	8	0	
Greenlee	150†	0	*	11	38	46	35	12	*	0	
La Paz	220†	0	*	15	74	67	47	15	*	0	
Maricopa	54,021	29	819	2,302	11,913	15,982	14,377	6,973	1,504	122	
Mohave	1,800†	*	26	109	554	619	331	130	29	*	
Navajo	1,500†	0	55	94	404	443	308	152	40	*	
Pima	11,403	6	181	536	2,663	3,478	2,882	1,383	255	19	
Pinal	4,470†	*	76	209	1,146	1,421	1,085	450	69	12	
Santa Cruz	640†	*	20	49	168	191	124	75	14	0	
Yavapai	1,870†	*	22	96	540	543	411	204	40	10	
Yuma	3,000†	*	77	172	903	912	631	255	48	*	
Unknown	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-10
BIRTHS BY MOTHER'S AGE GROUP, RACE/ETHNICITY, AND COUNTY OF RESIDENCE, ARIZONA, 2016

		Total	Mother's age group								
			<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
ARIZONA	Total	84,404	50†	1,420	3,916	19,775	25,328	21,394	10,209	2,125	180†
	White non-Hispanic	37,762	8	283	1,056	7,056	11,609	11,389	5,256	1,002	103
	Hispanic or Latino	33,874	32	877	2,227	9,810	9,913	6,770	3,404	790	51
	Black or African American	4,388	*	81	232	1,180	1,356	950	469	105	12
	American Indian or Alaska Native	5,030	11	167	362	1,391	1,527	981	484	104	*
	Asian or Pacific Islander	3,350	0	12	39	338	923	1,304	596	124	14
Apache	Total	1,020†	0†	30†	70†	270†	286	219	120†	30†	0†
	White non-Hispanic	230†	0	*	9	64	66	48	37	*	0
	Hispanic or Latino	50†	0	*	*	13	14	11	*	*	0
	Black or African American	0	0	0	0	0	0	0	0	0	0
	American Indian or Alaska Native	730†	*	23	56	192	206	154	74	24	*
	Asian or Pacific Islander	10†	0	0	0	*	0	6	*	0	0
Cochise	Total	1,530†	0	30†	100†	400†	500†	330†	140†	40†	0†
	White non-Hispanic	750†	0	10	27	180	250	190	74	16	*
	Hispanic or Latino	677	0	19	66	196	214	110	54	18	0
	Black or African American	60†	0	*	*	16	25	12	8	0	0
	American Indian or Alaska Native	10†	0	0	0	*	*	*	*	*	0
	Asian or Pacific Islander	30†	0	0	0	*	*	15	*	0	0
Coconino	Total	1,620†	0†	40†	80†	360†	490†	400†	210†	40†	0†
	White non-Hispanic	710†	0	*	20	128	221	200	118	19	*
	Hispanic or Latino	230†	0	13	12	60	59	53	26	8	*
	Black or African American	10†	0	0	*	*	*	*	*	*	0
	American Indian or Alaska Native	630†	*	19	48	163	197	134	53	11	0
	Asian or Pacific Islander	30†	0	0	0	*	11	8	8	0	0
Gila	Total	590†	0†	30	44	157	190†	110†	48	10†	0†
	White non-Hispanic	280†	*	7	18	80	95	53	21	*	*
	Hispanic or Latino	120†	0	6	12	28	31	27	11	*	0
	Black or African American	0†	0	0	0	0	*	0	0	0	0
	American Indian or Alaska Native	200†	*	17	14	49	64	31	16	*	0
	Asian or Pacific Islander	0†	0	0	0	0	*	*	0	*	0
Graham	Total	560†	0†	10†	35	190†	160†	110†	50†	10†	0
	White non-Hispanic	298	0	6	15	97	78	68	28	6	0
	Hispanic or Latino	130†	0	*	12	46	46	18	8	*	0
	Black or African American	10†	0	0	0	0	0	*	*	0	0
	American Indian or Alaska Native	120†	*	*	8	46	34	13	10	*	0
	Asian or Pacific Islander	10†	0	0	0	*	*	*	*	0	0
Greenlee	Total	150†	0	0†	10†	38	50†	40†	10†	0†	0
	White non-Hispanic	80†	0	0	*	23	27	20	*	*	0
	Hispanic or Latino	70†	0	*	7	15	18	14	8	0	0
	Black or African American	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	0†	0	0	0	0	0	*	0	0	0
La Paz	Total	220†	0	0†	20†	70†	70†	50†	20†	0†	0
	White non-Hispanic	90†	0	*	*	39	26	16	7	0	0
	Hispanic or Latino	70†	0	*	6	16	23	18	*	0	0
	Black or African American	0†	0	0	0	0	*	0	0	0	0
	American Indian or Alaska Native	60†	0	*	*	17	17	12	*	*	0
	Asian or Pacific Islander	0†	0	0	0	*	0	*	0	0	0
Maricopa	Total	54,021	30†	819	2,302	11,913	15,982	14,377	6,973	1,504	122
	White non-Hispanic	24,560†	*	144	567	4,046	7,429	7,897	3,698	717	60
	Hispanic or Latino	21,755	22	570	1,417	6,221	6,261	4,353	2,282	585	44
	Black or African American	3,520†	*	64	193	948	1,083	779	366	78	9
	American Indian or Alaska Native	1,512	0	32	101	436	457	301	161	24	0
	Asian or Pacific Islander	2,669	0	9	24	262	752	1,047	466	100	9

TABLE 5B-10 (continued)
BIRTHS BY MOTHER'S AGE GROUP, RACE/ETHNICITY, AND COUNTY OF RESIDENCE, ARIZONA, 2016

		Total	Mother's age group								
			<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
Mohave	Total	1,800†	0†	30†	110†	550†	619	330†	130†	30†	0†
	White non-Hispanic	1,320†	*	17	74	413	449	245	96	20	*
	Hispanic or Latino	380†	*	6	27	120	131	66	22	*	0
	Black or African American	20†	0	*	*	*	8	*	0	*	0
	American Indian or Alaska Native	70†	0	*	*	15	25	11	8	*	0
	Asian or Pacific Islander	20†	0	0	*	*	6	6	*	0	0
Navajo	Total	1,500†	0	60†	94	400†	440†	310†	150†	40†	0†
	White non-Hispanic	510†	0	16	13	134	166	116	57	10	*
	Hispanic or Latino	160†	0	*	18	49	43	30	9	*	0
	Black or African American	0†	0	0	0	*	0	*	*	0	0
	American Indian or Alaska Native	820†	0	34	63	218	232	158	84	27	*
	Asian or Pacific Islander	10†	0	*	0	*	*	*	*	*	0
Pima	Total	11,403	10†	180†	536	2,663	3,478	2,882	1,383	260†	20†
	White non-Hispanic	4,626	0	38	137	830	1,424	1,421	639	125	12
	Hispanic or Latino	5,350†	*	114	325	1,507	1,640	1,115	554	91	*
	Black or African American	500†	0	9	24	133	161	97	60	16	*
	American Indian or Alaska Native	490†	*	18	41	149	149	83	42	*	0
	Asian or Pacific Islander	430†	0	*	9	44	104	166	88	18	*
Pinal	Total	4,470†	0†	80†	210†	1,146	1,421	1,085	450	70†	10†
	White non-Hispanic	2,311	0	23	81	512	769	623	256	38	9
	Hispanic or Latino	1,545	0	37	98	488	449	315	133	25	0
	Black or African American	200†	0	*	9	54	61	47	23	*	*
	American Indian or Alaska Native	330†	*	12	17	86	115	67	24	*	0
	Asian or Pacific Islander	90†	0	0	*	6	27	33	14	*	*
Santa Cruz	Total	640†	0†	20	50†	168	191	120†	80†	10†	0
	White non-Hispanic	40†	0	0	*	6	10	13	6	*	0
	Hispanic or Latino	600†	*	20	46	162	181	110	68	11	0
	Black or African American	0†	0	0	0	0	0	0	*	0	0
	American Indian or Alaska Native	0	0	0	0	0	0	0	0	0	0
	Asian or Pacific Islander	0†	0	0	0	0	0	*	0	0	0
Yavapai	Total	1,870†	0†	20†	100†	540†	540†	410†	200†	40†	10†
	White non-Hispanic	1,360†	*	11	63	370	401	319	155	28	9
	Hispanic or Latino	430†	*	8	30	151	118	79	38	9	0
	Black or African American	10†	0	0	0	7	*	*	*	0	0
	American Indian or Alaska Native	40†	0	*	*	7	15	7	6	*	0
	Asian or Pacific Islander	20†	0	0	0	*	7	*	*	*	*
Yuma	Total	3,000†	0†	80†	170†	900†	912	630†	260†	50†	0†
	White non-Hispanic	590†	0	*	20	134	197	160	61	12	*
	Hispanic or Latino	2,310†	*	69	148	737	684	451	182	33	*
	Black or African American	40†	0	*	*	15	11	*	6	*	0
	American Indian or Alaska Native	40†	0	*	*	12	12	6	*	*	0
	Asian or Pacific Islander	30†	0	0	0	*	8	9	*	*	0
Unknown	Total	0†	0	0	0	0†	0†	0	0	0	0
	White non-Hispanic	0†	0	0	0	0	*	0	0	0	0
	Hispanic or Latino	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
	Asian or Pacific Islander	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, 2016**

	Total		No care		1st trimester		2nd trimester		3rd trimester		Unknown	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
ARIZONA	84,404	100.0	2,020†	2.4	58,135	68.9	14,969	17.7	4,897	5.8	4,390†	0.2
Apache	1,022	100.0	19	1.9	707	69.2	213	20.8	53	5.2	30	2.9
Cochise	1,531	100.0	90	5.9	793	51.8	407	26.6	217	14.2	24	1.6
Coconino	1,615	100.0	25	1.5	1,191	73.7	283	17.5	79	4.9	37	2.3
Gila	593	100.0	30	5.1	325	54.8	132	22.3	78	13.2	28	4.7
Graham	558	100.0	26	4.7	367	65.8	122	21.9	37	6.6	6	1.1
Greenlee	149	100.0	*	**	102	68.5	34	22.8	8	5.4	*	**
La Paz	223	100.0	*	**	104	46.6	50	22.4	17	7.6	47	21.1
Maricopa	54,021	100.0	845	1.6	37,955	70.3	8,932	16.5	2,694	5.0	3,595	6.7
Mohave	1,803	100.0	24	1.3	1,228	68.1	343	19.0	95	5.3	113	6.3
Navajo	1,498	100.0	33	2.2	984	65.7	351	23.4	100	6.7	30	2.0
Pima	11,403	100.0	594	5.2	7,588	66.5	2,307	20.2	802	7.0	112	1.0
Pinal	4,471	100.0	63	1.4	3,263	73.0	662	14.8	192	4.3	291	6.5
Santa Cruz	642	100.0	70	10.9	332	51.7	133	20.7	82	12.8	25	3.9
Yavapai	1,868	100.0	22	1.2	1,387	74.3	344	18.4	79	4.2	36	1.9
Yuma	3,004	100.0	167	5.6	1,807	60.2	655	21.8	364	12.1	11	0.4
Unknown	*	**	0	0.0	*	**	*	**	0	0.0	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-12
BIRTHS BY NUMBER OF PRENATAL VISITS AND COUNTY OF RESIDENCE, ARIZONA, 2016**

	Total		Number of prenatal visits											
			No visits		1-4 visits		5-8 visits		9-12 visits		13+ visits		Unknown	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
ARIZONA	84,404	100.0	2,020†	2.4	3,910	4.6	13,035	15.4	38,959	46.2	25,229	29.9	1,260†	1.5
Apache	1,022	100.0	19	1.9	70	6.8	242	23.7	466	45.6	212	20.7	13	1.3
Cochise	1,531	100.0	90	5.9	137	8.9	397	25.9	572	37.4	325	21.2	10	0.7
Coconino	1,615	100.0	25	1.5	85	5.3	244	15.1	725	44.9	528	32.7	8	0.5
Gila	593	100.0	30	5.1	80	13.5	119	20.1	219	36.9	134	22.6	11	1.9
Graham	558	100.0	26	4.7	60	10.8	119	21.3	224	40.1	129	23.1	0	0.0
Greenlee	149	100.0	*	**	11	7.4	38	25.5	58	38.9	39	26.2	*	**
La Paz	223	100.0	*	**	13	5.8	60	26.9	73	32.7	69	30.9	*	**
Maricopa	54,021	100.0	845	1.6	2,048	3.8	7,493	13.9	26,132	48.4	16,442	30.4	1,061	2.0
Mohave	1,803	100.0	24	1.3	87	4.8	325	18.0	789	43.8	567	31.4	11	0.6
Navajo	1,498	100.0	33	2.2	114	7.6	325	21.7	667	44.5	349	23.3	10	0.7
Pima	11,403	100.0	594	5.2	713	6.3	2,192	19.2	4,843	42.5	3,029	26.6	32	0.3
Pinal	4,471	100.0	63	1.4	145	3.2	511	11.4	2,103	47.0	1,590	35.6	59	1.3
Santa Cruz	642	100.0	70	10.9	80	12.5	183	28.5	217	33.8	73	11.4	19	3.0
Yavapai	1,868	100.0	22	1.2	65	3.5	248	13.3	680	36.4	838	44.9	15	0.8
Yuma	3,004	100.0	167	5.6	202	6.7	539	17.9	1,189	39.6	904	30.1	*	**
Unknown	*	**	0	0.0	0	0.0	0	0.0	*	**	*	**	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, 2016**

	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	84,404	2,740†	12,272	21,200	20,033	7,165	13,799	6,520†	670†
Apache	1,022	11	166	300	354	106	49	30	6
Cochise	1,531	27	207	418	436	183	188	67	*
Coconino	1,615	23	213	425	355	131	310	153	*
Gila	593	8	141	198	155	35	38	13	*
Graham	558	11	64	189	132	94	51	14	*
Greenlee	149	0	18	49	39	12	22	8	*
La Paz	223	*	55	80	61	6	12	*	*
Maricopa	54,021	2,034	7,537	12,765	12,088	4,372	9,863	4,830	532
Mohave	1,803	41	345	592	479	134	143	50	19
Navajo	1,498	18	265	514	441	137	87	28	8
Pima	11,403	247	1,598	2,863	2,762	1,018	1,930	943	42
Pinal	4,471	81	676	1,263	1,307	431	547	151	15
Santa Cruz	642	29	139	175	144	69	57	28	*
Yavapai	1,868	38	291	567	505	162	213	74	18
Yuma	3,004	171	556	802	775	274	289	125	12
Unknown	3	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-14
BIRTHS TO UNWED MOTHERS BY AGE GROUP AND COUNTY OF RESIDENCE, ARIZONA, 2016**

	Total	Mother's age group									
		<15	15-19	20-24	25-29	30-34	35-39	40-44	45+		
ARIZONA	37,843	50†	4,782	13,288	10,498	5,868	2,680†	640†	40†		
Apache	707	*	92	226	179	128	60	18	0		
Cochise	634	0	104	241	160	82	34	13	2		
Coconino	768	*	113	250	215	118	55	16	2		
Gila	372	*	71	112	110	51	21	*	0		
Graham	253	*	37	107	60	26	20	*	0		
Greenlee	64	0	14	27	13	7	*	0	0		
La Paz	151	0	15	56	48	22	9	*	0		
Maricopa	23,244	29	2,827	8,048	6,447	3,714	1,729	422	26		
Mohave	976	*	120	372	292	131	47	12	0		
Navajo	881	0	140	283	245	131	60	22	1		
Pima	5,285	6	635	1,822	1,521	849	377	72	3		
Pinal	2,001	*	250	757	558	299	112	19	2		
Santa Cruz	332	*	58	121	89	40	20	*	0		
Yavapai	818	*	96	334	210	101	58	16	0		
Yuma	1,355	*	210	531	350	169	73	17	*		
Unknown	2	0	0	*	*	0	0	0	0		

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

**TABLE 5B-15
BIRTHS TO UNWED MOTHERS BY RACE/ETHNICITY, EDUCATION, AND COUNTY OF RESIDENCE, ARIZONA, 2016**

	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	37,843	11,812	18,900	2,690†	3,930†	520†	1,490†	8,961	12,763	9,602	2,390†	1,810†	540†	290†
Apache	707	102	27	0	577	*	9	140	226	245	57	21	*	*
Cochise	634	224	377	22	6	*	19	148	224	168	50	18	6	*
Coconino	768	181	117	*	465	*	16	171	286	181	62	39	13	0
Gila	372	137	72	0	162	*	6	111	136	91	16	6	*	*
Graham	253	74	81	*	96	0	10	45	122	56	16	*	0	*
Greenlee	64	31	32	0	*	0	0	13	29	15	*	*	*	0
La Paz	151	61	37	*	50	*	*	38	57	47	*	*	*	*
Maricopa	23,244	7,110	12,356	2,239	1,161	378	1,096	5,450	7,617	5,777	1,457	1,235	375	237
Mohave	976	692	215	14	51	*	24	254	357	239	58	28	9	7
Navajo	881	162	84	*	631	*	15	207	366	233	40	11	*	6
Pima	5,285	1,526	3,002	259	416	82	124	1,226	1,821	1,382	357	277	84	14
Pinal	2,001	782	816	119	262	22	49	505	702	529	128	72	13	*
Santa Cruz	332	15	317	0	0	0	16	97	102	73	30	9	*	0
Yavapai	818	557	222	8	23	8	18	194	304	219	41	32	7	*
Yuma	1,355	157	1,144	19	27	8	87	361	414	347	77	46	18	*
Unknown	2	*	*	0	0	0	0	*	0	0	0	0	0	*

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

**TABLE 5B-16
LOW-BIRTHWEIGHT BIRTHS BY COUNTY OF RESIDENCE, ARIZONA, 2006-2016**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA^a	7,266	7,285	7,026	6,573	6,155	5,949	5,946	5,849	6,069	6,093	6,186
Apache	80	69	89	91	75	67	60	53	66	53	79
Cochise	171	140	141	152	142	135	123	122	129	133	130
Coconino	175	158	155	154	131	144	140	117	123	143	128
Gila	59	61	72	55	59	49	35	49	44	66	49
Graham	46	48	62	46	27	41	40	47	43	42	48
Greenlee	*	13	9	7	10	6	6	7	7	8	8
La Paz	14	21	16	9	*	12	13	14	16	12	14
Maricopa	4,638	4,662	4,370	4,113	3,851	3,720	3,731	3,707	3,854	3,896	3,965
Mohave	155	180	141	136	141	100	104	111	114	140	128
Navajo	152	152	160	148	154	143	136	131	134	128	130
Pima	1,047	978	1,024	895	853	841	842	845	860	788	803
Pinal	298	346	358	352	330	319	333	298	339	322	292
Santa Cruz	52	49	61	73	58	48	51	46	38	41	58
Yavapai	171	189	146	154	115	139	142	139	121	125	144
Yuma	195	219	222	188	204	185	190	163	179	193	210

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,
2006-2016**

County of residence	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA	71.2	70.9	70.8	71.0	70.7	69.8	69.4	68.8	70.0	71.7	73.3
URBAN COUNTIES	70.3	70.3	70.1	70.2	70.2	69.3	68.7	68.2	70.1	70.7	72.3
Maricopa	70.1	70.7	69.7	71.3	71.0	69.7	68.5	68.8	69.7	71.4	73.4
Pinal^b	66.7	70.9	62.5	70.0	66.1	69.2	71.5	65.3	72.6	72.3	65.3
Pima	75.2	65.5	75.8	66.3	70.1	70.8	70.9	70.6	75.5	68.7	70.4
Yuma	58.1	67.3	66.0	58.1	63.2	57.8	60.9	52.3	58.5	64.0	69.9
RURAL COUNTIES	76.7	74.9	75.4	75.5	73.8	72.8	73.3	72.9	69.8	77.7	79.6
Apache	67.3	60.1	70.8	73.3	68.2	62.6	64.5	55.7	64.8	55.6	77.3
Cochise	94.6	75.3	73.5	82.3	79.7	81.1	72.2	75.9	78.5	84.9	84.9
Coconino	84.9	74.1	79.2	81.3	73.8	81.3	82.9	72.0	72.3	90.8	79.3
Gila	88.5	87.9	78.1	78.1	88.1	79.0	57.5	83.1	67.8	113.8	82.6
Graham	85.2	82.5	103.3	71.3	50.9	67.7	76.2	78.3	71.3	72.4	86.0
Greenlee	45.5	94.2	96.3	53.8	95.2	50.4	52.6	56.0	48.6	51.9	53.7
La Paz	61.1	91.3	65.0	51.7	25.0	69.8	63.7	68.6	75.1	60.3	62.8
Mohave	62.8	73.8	61.3	61.3	69.7	51.0	59.9	63.7	62.2	75.9	71.0
Navajo	81.0	75.5	82.3	78.2	88.7	87.1	83.3	84.4	83.3	84.4	86.8
Santa Cruz	69.1	64.0	76.6	95.9	83.7	69.2	76.0	70.7	63.4	66.0	90.3
Yavapai	71.8	78.4	65.9	74.7	63.3	76.0	79.7	76.4	62.3	66.6	77.1

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, 2016**

	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	6,186	2,590†	2,400†	530†	360†	310†
Apache	79	19	*	0	57	0
Cochise	130	70	47	9	*	*
Coconino	128	58	30	*	37	*
Gila	49	22	14	0	13	0
Graham	48	28	7	*	11	*
Greenlee	8	*	*	0	0	*
La Paz	14	*	*	0	6	*
Maricopa	3,965	1,657	1,519	433	97	259
Mohave	128	84	31	*	6	*
Navajo	130	31	16	0	82	*
Pima	803	334	356	51	29	33
Pinal	292	136	106	25	19	6
Santa Cruz	58	*	55	0	0	0
Yavapai	144	99	41	*	*	*
Yuma	210	37	168	*	*	*

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, 2016**

	Total	Mother's age group									
		<15	15-19	20-24	25-29	30-34	35-39	40-44	45+		
ARIZONA	6,186	0†	430†	1,400†	1,730†	1,530†	840†	220†	40†		
Apache	79	0	8	20	27	13	8	*	0		
Cochise	130	0	8	42	37	25	9	*	*		
Coconino	128	0	17	27	34	30	16	*	0		
Gila	49	0	7	14	17	7	*	*	0		
Graham	48	0	*	22	9	10	*	*	0		
Greenlee	8	0	*	*	*	*	*	0	0		
La Paz	14	0	0	*	*	*	*	*	0		
Maricopa	3,965	*	240	846	1,069	1,038	594	151	24		
Mohave	128	*	12	38	48	20	*	*	*		
Navajo	130	0	11	34	32	29	20	*	*		
Pima	803	0	56	179	231	196	105	31	*		
Pinal	292	0	24	62	90	79	29	6	*		
Santa Cruz	58	0	11	11	16	11	6	*	0		
Yavapai	144	0	17	38	45	19	22	*	*		
Yuma	210	0	11	61	70	50	15	*	*		

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

**TABLE 5B-20
TOTAL BIRTHS AND LOW-BIRTHWEIGHT BIRTHS BY THE PARTY PAYING FOR THE DELIVERY AND COUNTY OF RESIDENCE,
ARIZONA, 2016**

TOTAL	ALL GROUPS	ARIZONA															
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Payer for birth	Weight at birth	79	130	128	49	48	8	14	3,965	128	130	803	292	58	144	210	0
	<2,500 g	6,186															
	2,500+ g	78,187	941	1,398	1,486	544	510	141	208	50,038	1,675	10,598	4,179	584	1,721	2,793	*
AHCCCS ^a	Weight at birth	30†	*	*	0	0	0	*	18	0	0	*	0	0	*	*	0
	<2,500 g	84,404	1,022	1,531	1,615	593	558	149	223	54,021	1,803	11,403	4,471	642	1,868	3,004	0†
	2,500+ g	3,530†	53	75	76	35	19	*	11	2,209	83	432	153	48	108	130	0
IHS	Weight at birth	40,602	625	702	830	348	236	52	137	25,279	1,069	5,060	2,095	413	992	1,761	*
	2,500+ g	10†	*	0	0	0	0	0	7	0	0	*	0	0	0	*	0
	Unknown	44,146	680	777	906	383	255	60†	148	27,495	1,152	5,494	2,248	461	1,100	1,892	0†
Private insurance	Weight at birth	80†	12	0	*	*	6	0	*	13	*	15	14	0	0	*	0
	<2,500 g	990†	162	*	41	59	52	0	22	213	10	44	152	0	9	12	0
	2,500+ g	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Self-pay	Weight at birth	1,070†	174	0†	50†	60†	58	0	20†	226	10†	230	166	0	9	10†	0
	<2,500 g	2,340†	12	45	44	9	22	*	0	1,607	35	26	113	8	32	58	0
	2,500+ g	32,178	119	457	535	120	198	79	43	21,834	504	282	1,743	122	583	680	*
Unknown	Weight at birth	0†	0	0	*	0	0	0	0	*	0	0	0	0	0	0	0
	<2,500 g	34,516	131	502	580	129	220	80†	43	23,442	539	308	1,856	130	615	738	0†
	2,500+ g	220†	*	10	*	*	*	*	*	121	7	*	12	*	*	19	0
Unknown	Weight at birth	4,144	32	235	77	17	24	10	6	2,474	83	39	188	44	133	339	0
	<2,500 g	10†	0	*	0	0	0	0	0	*	0	0	0	0	*	0	0
	2,500+ g	4,373	30†	247	80†	20†	30†	10†	10†	2,599	90	40†	200	50†	140†	358	0
Unknown	Weight at birth	20†	0	0	0	*	0	0	0	15	*	*	0	0	0	*	0
	<2,500 g	270†	*	*	*	0	0	0	0	238	9	*	*	*	*	*	0
	2,500+ g	10†	0	*	0	0	0	0	*	6	0	0	0	0	*	0	0
TOTAL	Weight at birth	300†	0†	0†	0†	0†	0	0	1	259	10†	0†	0†	10†	10†	0†	0
	<2,500 g	300†	0†	0†	0†	0†	0	0	1	259	10†	0†	0†	10†	10†	0†	0
	2,500+ g	300†	0†	0†	0†	0†	0	0	1	259	10†	0†	0†	10†	10†	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
DISTRIBUTION OF LOW-BIRTHWEIGHT (LBW) BIRTHS AND LBW RISK BY
NUMBER OF PRENATAL VISITS AND COUNTY OF RESIDENCE, ARIZONA, 2016**

			Prenatal visits					Total	
			No visits	1-4 visits	5-8 visits	9-12 visits	13+ visits		Unknown
Apache	Births <2,500 grams (LBW)	Count	6	17	18	25	9	*	79
		Share of LBW births ^a	7.6%	21.5%	22.8%	31.6%	11.4%	5.1%	100.0%
		LBW risk ^b	31.6%	24.3%	7.4%	5.4%	4.2%	30.8%	7.7%
	Total births	Count	19	70	242	466	212	13	1,022
Cochise	Births <2,500 grams (LBW)	Count	16	23	38	33	17	*	130
		Share of LBW births ^a	12.3%	17.7%	29.2%	25.4%	13.1%	2.3%	100.0%
		LBW risk ^b	17.8%	16.8%	9.6%	5.8%	5.2%	30.0%	8.5%
	Total births	Count	90	137	397	572	325	10	1,531
Coconino	Births <2,500 grams (LBW)	Count	*	17	27	48	31	0	130†
		Share of LBW births ^a	3.9%	13.3%	21.1%	37.5%	24.2%	0.0%	100.0%
		LBW risk ^b	20.0%	20.0%	11.1%	6.6%	5.9%	0.0%	7.9%
	Total births	Count	25	85	244	725	528	8	1,615
Gila	Births <2,500 grams (LBW)	Count	*	11	11	15	7	*	50†
		Share of LBW births ^a	6.1%	22.4%	22.4%	30.6%	14.3%	4.1%	100.0%
		LBW risk ^b	10.0%	13.8%	9.2%	6.8%	5.2%	18.2%	8.3%
	Total births	Count	30	80	119	219	134	11	593
Graham	Births <2,500 grams (LBW)	Count	*	8	9	17	10	0	50†
		Share of LBW births ^a	8.3%	16.7%	18.8%	35.4%	20.8%	0.0%	100.0%
		LBW risk ^b	15.4%	13.3%	7.6%	7.6%	7.8%	0.0%	8.6%
	Total births	Count	26	60	119	224	129	0	558
Greenlee	Births <2,500 grams (LBW)	Count	*	0	*	*	*	0	10†
		Share of LBW births ^a	25.0%	0.0%	25.0%	12.5%	37.5%	0.0%	100.0%
		LBW risk ^b	100.0%	0.0%	5.3%	1.7%	7.7%	0.0%	5.4%
	Total births	Count	*	11	38	58	39	*	150†
La Paz	Births <2,500 grams (LBW)	Count	0	*	*	*	*	*	10†
		Share of LBW births ^a	0.0%	14.3%	35.7%	14.3%	28.6%	7.1%	100.0%
		LBW risk ^b	0.0%	15.4%	8.3%	2.7%	5.8%	33.3%	6.3%
	Total births	Count	*	13	60	73	69	*	220†
Maricopa	Births <2,500 grams (LBW)	Count	120	309	924	1,602	860	150	3,965
		Share of LBW births ^a	3.0%	7.8%	23.3%	40.4%	21.7%	3.8%	100.0%
		LBW risk ^b	14.2%	15.1%	12.3%	6.1%	5.2%	14.1%	7.3%
	Total births	Count	845	2,048	7,493	26,132	16,442	1,061	54,021
Mohave	Births <2,500 grams (LBW)	Count	*	13	38	39	28	*	130†
		Share of LBW births ^a	3.9%	10.2%	29.7%	30.5%	21.9%	3.9%	100.0%
		LBW risk ^b	20.8%	14.9%	11.7%	4.9%	4.9%	45.5%	7.1%
	Total births	Count	24	87	325	789	567	11	1,803
Navajo	Births <2,500 grams (LBW)	Count	15	17	34	45	18	*	130
		Share of LBW births ^a	11.5%	13.1%	26.2%	34.6%	13.8%	0.8%	100.0%
		LBW risk ^b	45.5%	14.9%	10.5%	6.7%	5.2%	10.0%	8.7%
	Total births	Count	33	114	325	667	349	10	1,498
Pima	Births <2,500 grams (LBW)	Count	93	97	268	235	108	*	803
		Share of LBW births ^a	11.6%	12.1%	33.4%	29.3%	13.4%	0.2%	100.0%
		LBW risk ^b	15.7%	13.6%	12.2%	4.9%	3.6%	6.3%	7.0%
	Total births	Count	594	713	2,192	4,843	3,029	32	11,403
Pinal	Births <2,500 grams (LBW)	Count	6	19	78	103	77	9	292
		Share of LBW births ^a	2.1%	6.5%	26.7%	35.3%	26.4%	3.1%	100.0%
		LBW risk ^b	9.5%	13.1%	15.3%	4.9%	4.8%	15.3%	6.5%
	Total births	Count	63	145	511	2,103	1,590	59	4,471
Santa Cruz	Births <2,500 grams (LBW)	Count	22	7	11	12	*	*	60†
		Share of LBW births ^a	37.9%	12.1%	19.0%	20.7%	5.2%	5.2%	100.0%
		LBW risk ^b	31.4%	8.8%	6.0%	5.5%	4.1%	15.8%	9.0%
	Total births	Count	70	80	183	217	73	19	642
Yavapai	Births <2,500 grams (LBW)	Count	*	16	33	60	31	*	140†
		Share of LBW births ^a	1.4%	11.1%	22.9%	41.7%	21.5%	1.4%	100.0%
		LBW risk ^b	9.1%	24.6%	13.3%	8.8%	3.7%	13.3%	7.7%
	Total births	Count	22	65	248	680	838	15	1,868
Yuma	Births <2,500 grams (LBW)	Count	9	29	67	66	39	0	210
		Share of LBW births ^a	4.3%	13.8%	31.9%	31.4%	18.6%	0.0%	100.0%
		LBW risk ^b	5.4%	14.4%	12.4%	5.6%	4.3%	0.0%	7.0%
	Total births	Count	167	202	539	1,189	904	*	3,004
Unknown	Births <2,500 grams (LBW)	Count	0	0	0	0	0	0	0
		Share of LBW births ^a	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
		LBW risk ^b	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Total births	Count	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 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 OF PRENATAL VISITS DURING PREGNANCY ACCORDING TO SELECTED CHARACTERISTICS OF NEWBORNS AND MOTHERS GIVING BIRTH BY COUNTY OF RESIDENCE, ARIZONA, 2016

	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	
ARIZONA	11.1	11.6	10.5	10.0	10.5	8.8	11.9	10.9	10.8	11.7	10.7	10.7	9.6	11.4	9.9	11.2	11.8	10.3	10.0	11.2	10.7	10.6	11.1
Apache	9.9	10.4	9.7	9.2	9.9	9.7	10.7	9.5	0.0	10.2	10.2	0.0	9.8	11.0	8.4	10.1	5.0	12.0	8.4	10.0	11.0	8.3	10.0
Cochise	9.8	10.0	9.5	11.1	9.5	0.0	10.2	9.8	11.5	10.3	9.3	9.1	8.1	9.8	8.2	9.9	9.0	8.0	8.6	9.9	10.0	8.4	9.9
Coconino	11.2	12.0	10.3	10.2	10.5	9.9	12.2	12.1	11.0	11.9	11.2	8.8	10.4	10.4	9.5	11.3	12.3	2.0	10.0	11.3	0.0	11.0	11.2
Gila	9.5	10.6	9.0	5.8	9.3	6.3	11.5	8.4	0.0	10.7	10.5	15.0	7.2	8.0	8.3	9.7	6.0	0.0	8.1	9.6	0.0	8.9	9.6
Graham	10.0	10.6	9.3	7.0	10.1	4.5	11.1	10.1	0.0	10.9	10.9	6.0	6.3	11.0	8.3	10.2	5.5	0.0	9.9	10.0	0.0	9.7	10.0
Greenlee	10.3	10.6	9.9	8.0	9.6	0.0	10.7	10.1	0.0	10.3	10.3	8.0	8.0	11.0	9.8	10.3	8.0	0.0	11.8	10.2	0.0	7.7	10.4
La Paz	10.5	11.6	10.1	9.5	10.0	8.7	13.0	10.7	0.0	11.4	10.6	6.0	8.7	13.7	10.6	10.5	0.0	0.0	10.4	10.5	0.0	9.2	10.5
Maricopa	11.3	11.8	10.7	10.3	10.7	9.2	12.1	11.3	10.9	11.8	10.9	10.8	9.8	11.6	10.2	11.4	12.5	10.9	10.4	11.4	10.0	11.1	11.3
Mohave	10.9	11.3	10.6	10.2	10.5	8.8	11.8	11.4	9.3	11.1	10.7	10.1	9.3	10.4	10.0	11.0	13.0	12.0	9.7	11.0	0.0	10.0	10.9
Navajo	10.2	10.9	9.7	8.6	9.9	9.3	11.5	9.9	9.0	10.9	10.8	12.3	9.6	11.5	8.6	10.4	8.7	2.5	9.2	10.3	0.0	8.8	10.3
Pima	10.6	11.0	10.0	9.3	10.0	7.9	11.3	9.4	10.5	11.2	10.3	9.7	8.4	10.4	8.7	10.7	11.5	10.0	8.9	10.7	9.0	9.4	10.7
Pinal	11.8	12.3	11.2	10.9	11.3	9.9	12.7	11.4	0.0	12.2	11.6	11.5	10.4	11.7	11.2	11.9	11.6	8.5	10.6	11.9	0.0	11.4	11.9
Santa Cruz	8.7	8.8	8.7	7.0	8.6	0.0	9.9	6.3	7.5	9.6	8.7	9.0	0.0	6.0	8.1	8.7	11.0	0.0	7.9	8.8	0.0	9.9	8.7
Yavapai	11.7	12.1	11.2	11.6	11.3	8.9	12.4	11.9	12.5	12.0	11.0	9.8	9.8	11.8	9.7	11.9	10.1	11.7	9.8	11.8	23.0	10.1	11.8
Yuma	10.7	10.9	10.5	9.4	10.6	9.8	11.3	10.2	10.0	11.4	10.6	9.5	9.8	10.1	9.5	10.8	7.0	12.5	9.3	10.8	8.0	9.9	10.8
Unknown	12.3	10.0	13.5	0.0	11.0	0.0	15.0	0.0	0.0	12.0	12.5	0.0	0.0	0.0	0.0	12.3	0.0	0.0	0.0	12.3	0.0	0.0	12.3

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, 2016**

	Total			Gestational age								
	Total	Gestational age			Preterm, <37 weeks			37 weeks or more				
		Preterm, <37 weeks	37 weeks or more	Un-known	Total	<2,500 grams	2,500+ grams	Un-known	Total	<2,500 grams	2,500+ grams	Un-known
ARIZONA	84,404	7,638	76,625	140†	7,638	4,250†	3,390†	0†	76,625	1,920†	74,695	20†
Apache	1,022	100	917	*	100	50	50	0	917	28	888	*
Cochise	1,531	142	1,385	*	142	88	54	0	1,385	41	1,343	*
Coconino	1,615	132	1,481	*	132	74	58	0	1,481	54	1,426	*
Gila	593	66	526	*	66	33	33	0	526	16	510	0
Graham	558	49	509	0	49	31	18	0	509	17	492	0
Greenlee	149	14	135	0	14	*	9	0	135	*	132	0
La Paz	223	13	209	*	10†	10	*	0	209	*	205	*
Maricopa	54,021	4,993	48,939	89	4,993	2,770	2,221	*	48,939	1,181	47,750	8
Mohave	1,803	143	1,652	8	143	72	71	0	1,652	54	1,598	0
Navajo	1,498	151	1,339	8	151	90	61	0	1,339	37	1,302	0
Pima	11,403	932	10,466	*	932	534	398	0	10,466	269	10,196	*
Pinal	4,471	391	4,077	*	391	197	194	0	4,077	94	3,983	0
Santa Cruz	642	57	584	*	57	34	23	0	584	24	560	0
Yavapai	1,868	180	1,680	8	180	96	84	0	1,680	48	1,631	*
Yuma	3,004	275	2,723	6	275	163	112	0	2,723	46	2,676	*
Unknown	3	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-24
NEWBORNS ADMITTED TO NEWBORN INTENSIVE CARE UNITS BY GESTATIONAL AGE, BIRTHWEIGHT, AND MOTHER'S
COUNTY OF RESIDENCE, ARIZONA, 2016**

	Total	Gestational age			Weight at birth		
		Preterm, <37 weeks	Not Preterm	Unknown	<2,500 grams	2,500+ grams	Unknown
ARIZONA	5,814	3,120†	2,680†	10†	2,670†	3,140†	0†
Apache	58	38	20	0	35	23	0
Cochise	110	66	44	0	62	48	0
Coconino	78	47	31	0	40	38	0
Gila	35	21	14	0	18	17	0
Graham	36	22	14	0	20	16	0
Greenlee	10†	*	*	0	*	7	0
La Paz	10†	*	*	0	*	*	0
Maricopa	3,747	1,954	1,787	6	1,666	2,078	*
Mohave	74	40	34	0	41	33	0
Navajo	122	63	56	*	57	65	0
Pima	801	436	365	0	374	427	0
Pinal	353	179	172	*	145	208	0
Santa Cruz	36	25	11	0	26	10	0
Yavapai	121	66	55	0	53	68	0
Yuma	225	158	66	*	131	94	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, 2016**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Total	17,606	339	311	372	131	115	30	32	10,576	266	482	2,727	1,035	84	299	807	0
Births with medical risk factors																	
Pre-existing diabetes	760†	35	7	13	8	*	*	*	415	16	20	118	57	*	20	42	0
Gestational diabetes	6,417	116	102	152	44	30	11	20	4,099	83	164	831	400	18	89	258	0
Pre-existing hypertension	970†	15	24	20	*	12	*	0	553	21	15	192	50	7	9	47	0
Gestational hypertension	5,263	111	98	132	40	34	8	6	3,180	53	153	856	313	27	69	183	0
Eclampsia	160†	*	6	10	*	*	0	*	100	*	*	13	9	*	*	*	0
Previous preterm birth	3,440†	46	80	45	18	16	7	*	1,915	48	111	645	202	20	100	188	0
Other previous poor pregnancy outcome	1,140†	42	29	11	*	9	*	*	651	11	29	194	53	*	28	72	0
Gonorrhea	250†	*	*	7	*	*	0	0	143	6	7	28	22	0	*	22	0
Syphilis	70†	0	0	*	*	*	0	0	37	*	*	11	8	*	*	*	0
Chlamydia	2,140†	66	27	58	22	19	*	*	1,122	45	97	352	112	14	23	175	0
Hepatitis B	120†	0	0	0	0	0	0	0	91	0	0	22	*	0	*	*	0
Hepatitis C	180†	*	*	*	*	*	0	0	83	11	*	38	16	*	12	*	0
Substance use																	
Non-smoker	79,680†	801	1,413	1,542	507	504	122	196	51,828	1,406	1,346	10,750	4,137	633	1,622	2,876	*
Light smoker (less than 10 cigarettes per day)	2,380†	34	60	28	44	25	16	10	1,184	136	84	385	184	*	124	63	0
Heavy smoker (10 or more cigarettes per day)	1,630†	18	51	13	41	27	8	9	766	128	48	232	140	*	113	38	0
Unknown	710†	169	7	32	*	*	*	8	243	133	20	36	10	*	9	27	*
Total births	84,400†	1,022	1,531	1,615	593	558	149	223	54,021	1,803	1,498	11,403	4,471	642	1,868	3,004	*

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, 2016**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Total	39,665	429	737	680	286	351	88	59	23,439	812	794	7,487	1,880	312	693	1,616	2
Obstetric procedures																	
Induction of labor	24,760†	257	572	473	162	184	50	47	14,961	517	439	4,289	1,227	159	514	910	*
Augmentation of labor	19,400†	183	187	301	150	200	44	14	10,916	355	392	4,064	971	211	241	1,170	*
Cervical cerclage	130†	*	6	*	*	0	0	0	69	0	*	21	12	*	*	10	0
Tocolysis	360†	7	23	*	*	6	*	0	88	8	8	161	11	*	*	37	0
External cephalic version successful	60†	*	*	*	*	0	0	*	26	*	*	15	*	0	0	*	0
External cephalic version failed	90†	6	*	6	*	0	0	0	38	*	10	10	*	0	*	9	0
Method of delivery																	
Vaginal	58,970†	829	1,002	1,226	403	367	91	170	37,587	1,186	1,092	8,298	3,075	412	1,261	1,966	*
C-Section	23,178	176	473	360	161	141	42	49	15,179	514	337	2,756	1,299	209	556	926	0
Forceps	330†	*	*	*	*	*	0	0	220	10	7	51	*	*	*	14	0
Vacuum	1,930†	15	54	25	24	49	16	*	1,031	93	62	298	93	20	45	98	0
Unknown	10†	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, 2016**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Total	22,548	277	369	373	214	110	30	37	13,906	292	395	3,697	1,231	131	365	1,121
Complications of labor and/or delivery																
Premature rupture of the membranes	3,640†	60	98	90	30	21	6	*	1,858	38	63	940	212	33	56	128
Precipitous labor	4,590†	78	73	69	55	16	*	9	2,597	50	93	1,137	214	33	44	121
Prolonged labor	1,740†	36	51	58	28	*	*	*	1,093	11	57	246	113	*	22	16
Breech presentation	3,142	40	58	59	19	29	8	7	1,946	65	65	437	178	29	83	119
Chorioamnionitis	1,780†	8	27	28	11	*	*	*	871	18	17	502	87	11	12	177
Meconium staining of the amniotic fluid	6,303	48	36	62	45	22	6	10	4,451	61	80	621	314	26	48	473
Fetal intolerance	4,967	32	81	79	77	14	6	14	3,403	93	58	332	301	7	141	329
Maternal transfusion	380†	13	8	7	14	10	*	0	161	*	14	54	29	0	9	51
Third or fourth degree perineal laceration	390†	9	7	10	*	*	0	0	189	*	8	129	14	0	7	9
Ruptured uterus	30†	0	0	*	0	*	0	*	18	0	0	*	*	0	*	*
Unplanned Hysterectomy	40†	*		*	0	0	0	*	16	0	*	6	*	0	*	*
Admission to intensive care unit	130†	*	*	6	*	*	0	*	79	0	*	18	8	0	*	*
Unplanned surgery following delivery	150†	6	*	7	*	0	*	*	64	*	7	18	16	*	7	23

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, 2016**

	Apache	Cochise	Cocconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	
ARIZONA	46	69	64	35	21	8	40	2,196	124	109	402	260	15	105	244	
Total	3,738															
Abnormal conditions of the newborn																
Assisted ventilation immediately after delivery	2,510†	26	55	41	25	14	*	38	1,382	108	72	337	148	10	77	170
Assisted ventilation for more than 6 hours	1,420†	17	28	6	8	9	*	0	842	16	35	183	85	*	61	123
Surfactant replacement therapy	400†	0	*	*	*	0	*	*	283	*	*	27	34	*	21	25
Suspected neonatal sepsis	1,880†	15	22	31	16	9	*	*	1,216	24	47	118	165	6	58	144
Seizure or serious neurologic dysfunction	30†	0	0	0	*	0	*	0	23	*	0	*	*	0	*	*
Significant birth injury	80†	*	*	*	0	*	0	0	51	0	*	*	7	0	*	*

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

**TABLE 5B-29
BIRTHS WITH CONGENITAL ANOMALIES MENTIONED ON BIRTH CERTIFICATE BY COUNTY OF RESIDENCE, ARIZONA, 2016**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Total	400†	19	10	12	*	*	*	*	207	17	11	48	29	0	13	22
Congenital anomalies of the newborn																
Anencephalus	0†	0	0	0	0	0	*	0	*	0	0	0	0	0	0	*
Spina bifida / Meningocele	10†	0	*	0	0	0	0	0	10	0	*	*	*	0	0	0
Cyanotic congenital heart disease	50†	*	0	0	0	0	0	0	23	*	0	12	*	0	*	*
Congenital diaphragmatic hernia	10†	*	0	0	0	0	0	0	*	*	0	0	0	0	0	*
Omphalocele / Gastroschisis	30†	0	*	0	0	0	*	0	20	0	0	*	*	0	*	*
Limb reduction defect	20†	0	0	0	0	0	*	0	*	*	0	*	*	0	0	*
Cleft lip / palate	80†	*	*	*	*	0	*	0	36	*	*	10	7	0	0	6
Down syndrome	50†	*	*	0	0	0	0	0	27	*	*	*	6	0	*	*
Suspected chromosomal disorder	40†	*	*	0	0	0	0	0	27	*	0	*	*	0	*	*
Hypospadias	20†	0	0	*	0	*	0	*	9	0	0	*	*	0	*	0
Unknown congenital anomalies	120†	10	*	6	0	*	0	*	58	10	*	6	*	0	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.
Correction: In the 2015 report, total congenital anomalies of the newborn was reported as 312 where it should have been 408; Omphalocele/Gastroschisis reported 0 where it should have been 35; Cleft lip/palate reported 0 where it should have been 72.

**TABLE 5B-30
RATES OF OCCURRENCE^a FOR SELECTED CHARACTERISTICS OF NEWBORNS AND MOTHERS GIVING BIRTH
BY COUNTY OF RESIDENCE, ARIZONA, 2016**

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	26.7	27.1	24.1	23.1	36.1	19.7	20.1	16.6	25.7	16.2	26.4	32.4	27.5	20.4	19.5	37.3
Births with medical risk factors	20.9	33.2	20.3	23.0	22.1	20.6	20.1	14.3	19.6	14.8	32.2	23.9	23.1	13.1	16.0	26.9
Preterm births (gestational age <37 weeks)	9.0	9.8	9.3	8.2	11.1	8.8	9.4	5.8	9.2	7.9	10.1	8.2	8.7	8.9	9.6	9.2
Births with abnormal conditions of the newborn	4.4	4.5	4.5	4.0	5.9	3.8	5.4	17.9	4.1	6.9	7.3	3.5	5.8	2.3	5.6	8.1
Low birthweight births (<2,500 grams)	7.3	7.7	8.5	7.9	8.3	8.6	5.4	6.3	7.3	7.1	8.7	7.0	6.5	9.0	7.7	7.0
Very low birthweight births (<1,500 grams)	1.2	1.1	1.4	1.1	1.2	2.0	0.0	0.4	1.2	0.8	1.3	1.1	1.0	0.9	1.4	1.6
Births with congenital anomalies of the newborn	0.5	1.9	0.7	0.7	0.2	0.4	1.3	2.2	0.4	0.9	0.7	0.4	0.6	0.0	0.7	0.7
Tobacco use during pregnancy	4.8	5.1	7.3	2.5	14.3	9.3	16.1	8.5	3.6	14.6	8.8	5.4	7.2	0.9	12.7	3.4
C-section	27.5	17.2	30.9	22.3	27.2	25.3	28.2	22.0	28.1	28.5	22.5	24.2	29.1	32.6	29.8	30.8
Infants admitted to newborn intensive care units	6.9	5.7	7.2	4.8	5.9	6.5	6.0	4.0	6.9	4.1	8.1	7.0	7.9	5.6	6.5	7.5
Women giving birth who received prenatal care in the 1st trimester	68.9	69.2	51.8	73.7	54.8	65.8	68.5	46.6	70.3	68.1	65.7	66.5	73.0	51.7	74.3	60.2
Public sources of payment for birth^b	53.6	83.6	50.8	58.9	74.9	56.1	36.9	77.1	51.3	64.6	76.5	50.2	54.0	71.8	59.4	63.4
Births to unmarried mothers	44.8	69.2	41.4	47.6	62.7	45.3	43.0	67.7	43.0	54.1	58.8	46.3	44.8	51.7	43.8	45.1

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, 2016**

	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	84,640	239	236	475	5.6
Apache	1,024	*	*	*	**
Cochise	1,536	*	*	7	4.6
Coconino	1,625	6	10	16	9.8
Gila	598	*	*	7	11.7
Graham	562	*	*	6	10.7
Greenlee	150	0	*	*	**
La Paz	223	0	0	0	0.0
Maricopa	54,175	166	154	320	5.9
Mohave	1,809	*	7	10	5.5
Navajo	1,504	*	6	8	5.3
Pima	11,428	24	25	49	4.3
Pinal	4,479	6	8	14	3.1
Santa Cruz	644	*	*	*	**
Yavapai	1,871	6	*	9	4.8
Yuma	3,008	9	*	13	4.3
Unknown	*	7	0	7	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, 2016**

	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+	Unknown
ARIZONA	486	239	236	11	97	77	217	77	6	12
Apache	0†	*	*	0	0	*	*	*	*	0
Cochise	10†	*	*	*	*	*	*	*	0	0
Coconino	10†	*	10	0	*	0	7	*	0	0
Gila	10†	*	*	0	*	*	*	*	0	0
Graham	10†	*	*	0	0	0	*	*	0	0
Greenlee	0†	*	*	0	0	*	0	*	0	0
La Paz	0†	*	0	0	0	0	*	0	0	0
Maricopa	310†	155	154	*	60	57	139	48	*	*
Mohave	20†	10	7	0	*	*	9	*	0	*
Navajo	10†	7	6	0	*	*	9	0	0	0
Pima	55	29	25	*	11	6	25	9	0	*
Pinal	20†	9	8	*	*	*	7	*	0	*
Santa Cruz	0†	0	*	*	0	0	*	*	0	0
Yavapai	10†	8	*	*	*	*	*	*	0	0
Yuma	10†	6	*	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, 2006-2016**

	Number of fetal deaths										Fetal death rates												
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
ARIZONA	543	583	544	511	443	470	470	545	519	524	486	5.3	5.6	5.4	5.5	5.1	5.5	5.4	6.4	6.0	6.1	5.7	
Apache	*	9	8	*	*	6	*	8	10	*	*	**	7.7	6.6	**	**	5.6	**	8.3	9.7	**	**	
Cochise	12	13	7	15	11	15	9	6	10	12	10	6.6	7.0	3.9	8.1	6.1	9.0	5.3	3.7	6.1	7.6	6.5	
Coconino	14	9	7	12	*	15	10	6	*	9	13	6.8	4.2	3.5	6.3	**	8.4	5.9	3.7	**	5.7	8.0	
Gila	11	*	6	8	*	6	6	7	7	*	8	16.5	**	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	0.0	**	**	0.0	**	
La Paz	0	0	*	0	*	0	*	*	315	0	*	0.0	0.0	**	0.0	**	0.0	**	**	9.3	0.0	**	
Maricopa	351	360	350	311	289	299	285	363	20	330	314	5.3	5.4	5.6	5.4	5.3	5.6	5.2	6.7	5.7	6.0	5.8	
Mohave	15	17	9	14	8	10	12	11	14	11	17	6.1	6.9	3.9	6.3	4.0	5.1	6.9	6.3	10.9	5.9	9.3	
Navajo	13	15	15	11	8	8	12	10	76	7	13	6.9	7.4	7.7	5.8	4.6	4.9	7.3	6.4	8.7	4.6	8.6	
Pima	79	88	73	68	64	56	64	73	28	72	55	5.7	6.3	5.4	5.3	5.2	4.7	5.4	6.1	6.4	6.2	4.8	
Pinal	17	39	33	29	24	22	33	21	*	28	19	3.8	7.3	5.7	5.4	4.8	4.8	7.1	4.6	**	6.2	4.2	
Santa Cruz	*	0	6	*	*	*	*	*	11	*	*	**	0.0	7.5	**	**	**	**	**	**	5.0	**	**
Yavapai	10	14	*	16	10	7	*	16	14	13	12	4.2	5.7	**	7.7	5.5	3.8	**	8.7	5.6	6.9	6.4	
Yuma	12	14	18	18	15	21	26	14	14	27	10	3.6	4.3	5.3	5.5	4.6	6.5	8.3	4.5	4.6	8.9	3.3	
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, 2016**

	All 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^b	486	248	227	11	204	99	97	8	195	109	84	2	47	21	25	1	36	18	18	4	1	3				
Apache	0†	*	*	0	0	0	0	0	0†	*	0	0	0	0	0	0	0†	*	*	0	0	0	0			
Cochise	10†	7	*	0	10†	*	0	0	10†	*	*	0	0	0	0	0	0	0	0	0	0	0	0	0		
Coconino	10†	*	9	0	10†	*	*	0	0†	*	*	0	0	0	0	0	0†	0	*	0	0	0	0	0		
Gila	10†	*	*	0	0†	*	*	0	0	0	0	0	0	0	0	0	0†	*	*	0	0	0	0	0		
Graham	10†	*	*	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	
La Paz	0†	*	0	0	0†	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Maricopa	314	161	146	7	133	65	63	*	129	75	53	*	40	15	24	*	10†	*	*	0†	*	*	*	*		
Mohave	17	9	8	0	10†	7	*	0	0†	*	*	0	0	0	0	0	0†	*	0	0	0	0	0	0	0	
Navajo	10†	9	*	0	0†	*	0	0	0†	*	*	0	0	0	0	0	10†	7	*	0	0	0	0	0	0	
Pima	55	27	26	*	23	9	12	*	25	12	13	0	10†	*	*	0	0†	*	0	0	0	0	0	0	0	
Pinal	19	10	9	0	10†	*	*	0	10†	*	*	0	0†	*	0	0	0†	0	*	0	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	0	0
Yavapai	10†	6	*	*	10†	*	*	*	0†	*	0	0	0	0	0	0	0†	*	0	0	0	0	0	0	0	0
Yuma	10†	*	*	*	0†	0	*	0	10†	*	*	*	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, 2016**

	Total	Mother's age group										Unknown
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+		
ARIZONA	486	0	10	27	94	123	121	71	36	3	1	
Apache	0†	0	0	*	*	0	*	0	*	0	0	
Cochise	10†	0	0	*	*	*	*	*	0	0	0	
Cocoonino	10†	0	*	*	*	*	*	0	*	0	0	
Gila	10†	0	0	*	0	*	*	*	0	0	0	
Graham	10†	0	*	0	*	*	*	0	0	0	0	
Greenlee	0†	0	0	*	*	0	0	0	0	0	0	
La Paz	0†	0	0	0	*	0	0	0	0	0	0	
Maricopa	310†	0	*	14	62	86	72	51	25	*	0	
Mohave	20†	0	*	0	*	*	*	*	0	0	*	
Navajo	10†	0	0	0	*	*	*	*	*	0	0	
Pima	60†	0	*	*	10	8	18	10	*	*	0	
Pinal	20†	0	0	*	*	7	7	*	*	0	0	
Santa Cruz	0†	0	0	0	*	*	0	0	0	*	0	
Yavapai	10†	0	0	*	*	*	*	*	*	0	0	
Yuma	10†	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, 2006-2016**

County of Residence												% Change			
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2015 to 2016	2010 to 2014	2006 to 2016	
Number of Abortions															
ARIZONA	10,510†	10,486	10,396	10,050†	11,059	13,606	13,129	13,254	12,747	12,479	13,170	5.5	15.3	25.4	
Apache	47	43	15	19	19	15	16	12	8	17	18	5.9	-57.9	-61.7	
Cochise	176	81	127	147	107	162	140	101	47	105	103	-1.9	-56.1	-41.5	
Coconino	299	275	281	266	274	184	166	147	159	231	210	-9.1	-42.0	-29.8	
Gila	27	36	27	27	28	41	34	54	33	50	64	28.0	17.9	137.0	
Graham	15	12	15	23	15	12	33	17	15	16	20	25.0	0.0	33.3	
Greenlee	*	7	7	8	22	41	47	67	9	8	10	25.0	-59.1	150.0	
La Paz	6	12	6	*	6	11	7	16	7	14	10	-28.6	16.7	66.7	
Maricopa	6,496	7,188	7,166	6,732	7,774	10,280	8,809	8,385	8,727	8,504	9,076	6.7	12.3	39.7	
Mohave	16	45	32	21	22	43	41	26	19	18	24	33.3	-13.6	50.0	
Navajo	47	51	59	40	69	77	72	66	41	49	69	40.8	-40.6	46.8	
Pima	2,636	1,908	2,054	2,124	1,844	2,039	2,196	2,109	1,979	1,555	1,816	16.8	7.3	-31.1	
Pinal	277	420	257	163	217	313	417	346	315	366	345	-5.7	45.2	24.5	
Santa Cruz	81	76	36	35	31	35	32	23	26	26	35	34.6	-16.1	-56.8	
Yavapai	263	251	234	183	204	181	176	214	165	193	234	21.2	-19.1	-11.0	
Yuma	81	76	74	156	151	172	79	90	67	49	43	-12.2	-55.6	-46.9	
Unknown	35	*	6	99	276	0	864	1,581	1,130	1,278	1,093	NA	NA	NA	
Abortion Rates^a															
ARIZONA	8.2	8.1	7.8	7.5	8.8	10.7	10.3	10.3	9.8	9.5	10.0	4.9	12.1	21.1	
Apache	3.1	2.8	1.0	1.2	1.4	1.1	1.2	0.9	0.6	1.3	1.4	6.4	-57.9	-56.3	
Cochise	7.2	3.2	5.0	5.7	4.8	7.3	6.3	4.5	2.2	4.9	4.9	-0.5	-54.6	-31.5	
Coconino	9.7	9.0	9.2	8.5	8.7	5.9	5.3	4.7	4.8	6.8	6.1	-10.4	-45.2	-37.5	
Gila	3.0	3.9	2.8	2.8	3.7	5.4	4.6	7.3	4.4	6.6	8.6	29.3	18.7	184.3	
Graham	2.2	1.7	2.0	2.9	2.2	1.8	4.8	2.4	2.1	2.3	2.8	25.2	-3.9	29.8	
Greenlee	**	4.6	4.3	5.1	14.2	26.5	29.8	33.2	4.6	3.9	4.9	24.4	-67.8	84.2	
La Paz	1.9	3.9	2.0	**	2.5	4.4	2.9	6.6	2.8	5.6	3.9	-30.1	13.1	103.4	
Maricopa	8.2	9.0	8.8	8.1	9.8	12.9	11.0	10.4	10.6	10.2	10.8	5.7	8.5	31.5	
Mohave	0.5	1.3	0.9	0.6	0.8	1.5	1.4	0.9	0.7	0.6	0.8	34.3	-12.8	78.5	
Navajo	2.0	2.1	2.5	1.7	3.6	4.0	3.8	3.5	2.2	2.6	3.6	41.0	-40.5	77.4	
Pima	13.0	9.3	9.9	10.2	9.6	10.5	11.4	10.9	10.1	7.9	9.3	16.9	5.3	-28.8	
Pinal	5.5	7.3	4.0	2.5	3.2	4.6	6.0	4.9	4.6	5.3	4.9	-6.3	42.1	-9.6	
Santa Cruz	8.6	7.9	3.7	3.5	3.4	3.8	3.5	2.5	2.8	2.8	3.7	34.8	-17.0	-56.3	
Yavapai	7.3	6.6	6.0	4.6	6.8	6.0	5.9	7.1	5.6	6.5	7.9	21.5	-18.1	8.4	
Yuma	2.2	2.0	1.9	4.0	4.0	4.4	2.0	2.2	1.7	1.2	1.1	-11.7	-57.4	-50.1	
Abortion Ratio^b															
ARIZONA	103	102	105	108	127	160	153	156	147	147	156	6.0	15.8	51.6	
Apache	40	37	12	15	17	14	17	13	8	18	18	-1.8	-54.5	-55.4	
Cochise	97	44	71	80	60	97	82	63	29	67	67	0.1	-52.4	-30.9	
Coconino	145	129	142	140	154	104	98	90	93	147	130	-11.6	-39.4	-10.3	
Gila	40	52	39	38	42	66	56	92	51	86	108	25.2	21.7	166.6	
Graham	28	21	23	36	28	20	63	28	25	28	36	29.5	-12.1	29.0	
Greenlee	**	51	53	62	210	345	412	536	63	52	67	29.2	-70.2	84.6	
La Paz	26	52	24	**	30	64	34	78	33	70	45	-36.3	9.5	71.2	
Maricopa	98	109	114	117	143	193	162	156	158	156	168	7.6	10.1	71.1	
Mohave	6	18	14	9	11	22	24	15	10	10	13	36.5	-4.7	105.4	
Navajo	25	25	30	21	40	47	44	42	25	32	46	42.4	-35.9	84.0	
Pima	189	138	152	165	152	172	185	176	167	136	159	17.2	10.3	-15.8	
Pinal	62	79	45	31	43	68	90	76	70	82	77	-6.2	61.3	24.4	
Santa Cruz	108	99	45	46	45	50	48	35	43	42	55	30.2	-3.0	-49.3	
Yavapai	111	104	106	89	112	99	99	118	85	103	125	21.5	-24.4	13.4	
Yuma	24	23	22	48	47	54	25	29	22	16	14	-11.9	-53.1	-40.7	

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, 2016**

County ^a	≤ 19 years		20-29 years		≥ 30 years	
	Count	Percent	Count	Percent	Count	Percent
Apache	*	**	11	0.1	6	0.1
Cochise	14	1.1	63	0.8	26	0.6
Coconino	25	1.9	135	1.8	50	1.2
Gila	13	1.0	32	0.4	19	0.5
Graham	*	**	11	0.1	6	0.1
Greenlee	*	**	*	**	*	**
La Paz	0	0.0	*	**	*	**
Maricopa	854	65.8	5,292	68.9	2,929	70.0
Mohave	*	**	14	0.2	7	0.2
Navajo	6	0.5	43	0.6	20	0.5
Pima	172	13.3	1,076	14.0	568	13.6
Pinal	47	3.6	179	2.3	119	2.8
Santa Cruz	*	**	18	0.2	13	0.3
Yavapai	24	1.9	132	1.7	78	1.9
Yuma	10	0.8	26	0.3	7	0.2
Unknown	120	9.3	639	8.3	328	7.8
Border region ^b	200	15.4	1,183	15.4	614	14.7
Non-border region	977	75.3	5,858	76.3	3,244	77.5
Arizona	1,300[†]	100.0	7,680[†]	100.0	4,190[†]	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, 2016**

	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	Unknown	Primary/Secondary (0-12)	College (1-4 or 5+)	Not stated/unknown	
ARIZONA	13,170	5,320†	4,820†	1,250†	340†	610†	240†	580†	1,710†	11,452	6	3,230†	3,800†	6,140†	
Apache	20†	*	*	0	13	0	0	0	0	18	0	*	*	14	
Cochise	100†	46	43	0	0	*	0	*	12	91	0	61	36	6	
Coconino	210†	114	36	11	42	6	*	*	19	191	0	9	18	183	
Gila	60†	36	15	*	10	0	*	*	6	58	0	19	17	28	
Graham	20†	9	7	0	*	0	0	0	*	18	0	9	7	*	
Greenlee	10†	*	*	*	0	*	0	*	*	9	0	6	*	*	
La Paz	10†	*	*	0	*	*	0	*	*	8	0	*	*	*	
Maricopa	9,076	3,705	3,134	0	181	417	157	511	1,099	7,977	0	1,591	2,408	5,077	
Mohave	20†	14	6	*	0	*	0	0	*	21	0	8	*	11	
Navajo	70†	23	8	0	31	*	*	*	9	60	0	15	8	46	
Pima	1,816	670	878	121	20	77	39	11	274	1,542	0	953	755	108	
Pinal	345	169	114	32	10	6	6	8	64	281	0	81	106	158	
Santa Cruz	40†	*	29	0	0	0	0	*	6	29	0	19	16	0	
Yavapai	230†	175	36	*	*	6	*	8	25	209	0	43	66	125	
Yuma	40†	8	31	*	0	*	*	0	*	41	0	9	8	26	
Unknown^a	1,093	338	476	108	24	86	30	31	188	899	6	406	344	343	

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, 2016**

	TOTAL	Gestational Age ^a		
		≤13 weeks	14 to 20 weeks	≥21 weeks
		Count	Count	Count
Arizona	13,170	12,118	900†	140†
Apache	20†	16	*	0
Cochise	100†	100	*	0
Coconino	210†	198	11	*
Gila	60†	63	*	0
Graham	20†	18	*	0
Greenlee	10†	8	*	*
La Paz	10	10	0	0
Maricopa	9,076	8,402	585	84
Mohave	24	24	0	0
Navajo	70†	60	8	*
Pima	1,816	1,698	101	16
Pinal	350†	316	25	*
Santa Cruz	40†	33	*	0
Yavapai	230†	217	16	*
Yuma	43	37	6	0
Unknown ^a	1,093	918	138	31

Notes: * Cell suppressed due to count less than 6; † Sum rounded to nearest tens unit due to addend less than 6; ^a Total does not add to 13,170 due to 12 unknown weeks of gestation.

5E

TRENDS AND PATTERNS IN MORTALITY

**TABLE 5E-1
MORTALITY BY COUNTY OF RESIDENCE AND YEAR, ARIZONA, 2006-2016**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA	45,415	44,640	45,128	45,065	45,871	47,547	48,459	49,929	51,074	54,152	56,480
Apache	454	522	510	530	544	584	471	607	601	646	653
Cochise	1,140	1,093	1,185	1,122	1,218	1,183	1,204	1,266	1,201	1,305	1,342
Coconino	619	621	675	676	678	722	707	702	732	814	857
Gila	627	666	718	646	661	682	655	696	747	814	832
Graham	295	282	294	271	302	245	300	275	283	251	278
Greenlee	65	63	52	50	55	71	64	46	52	69	52
La Paz	200	204	200	227	200	186	225	247	253	254	270
Maricopa	25,176	24,417	24,304	24,349	24,438	25,467	25,785	26,906	27,711	28,945	30,311
Mohave	2,354	2,153	2,461	2,260	2,368	2,424	2,482	2,686	2,540	3,024	3,181
Navajo	860	888	793	825	819	899	897	976	937	907	1,010
Pima	7,885	7,899	8,075	8,065	8,163	8,392	8,713	8,592	8,725	9,241	9,492
Pinal	1,948	2,033	2,023	1,994	2,258	2,380	2,440	2,457	2,629	2,968	2,991
Santa Cruz	238	263	252	284	262	247	303	286	275	294	301
Yavapai	2,386	2,342	2,373	2,303	2,436	2,496	2,616	2,724	2,772	2,918	2,955
Yuma	1,164	1,180	1,105	1,306	1,279	1,350	1,386	1,320	1,425	1,427	1,506
Unknown	*	14	108	157	190	219	211	143	191	275	449

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

**TABLE 5E-2
MORTALITY BY COUNTY OF OCCURRENCE, ARIZONA, 2006-2016**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA^a	47,182	46,325	46,515	46,429	47,616	49,208	50,254	51,997	53,097	56,386	58,708
Apache	329	312	333	342	401	350	351	332	362	384	399
Cochise	856	907	930	847	929	878	901	892	893	957	1,023
Coconino	738	762	852	841	852	930	890	822	936	1,009	1,041
Gila	558	586	599	486	552	559	557	560	601	653	655
Graham	221	228	243	222	253	193	241	223	236	199	233
Greenlee	36	32	28	33	39	40	28	28	29	43	31
La Paz	187	174	148	174	172	173	173	165	179	197	193
Maricopa	27,473	26,800	26,712	26,804	27,041	28,001	28,442	28,360	30,135	31,490	33,037
Mohave	2,394	2,249	2,327	2,275	2,460	2,511	2,594	2,612	2,572	2,825	2,996
Navajo	626	630	598	582	577	675	692	716	669	735	776
Pima	8,758	8,777	8,953	9,030	9,171	9,385	9,749	9,143	9,571	10,116	10,353
Pinal	1,237	1,241	1,192	1,167	1,384	1,604	1,558	1,495	1,760	1,912	1,996
Santa Cruz	182	172	167	188	194	167	193	172	180	200	197
Yavapai	2,252	2,176	2,215	2,133	2,264	2,373	2,478	2,504	2,606	2,727	2,785
Yuma	1,335	1,279	1,217	1,305	1,326	1,369	1,407	1,234	1,461	1,447	1,525
Unknown	0	0	0	0	0	0	0	0	11	1,492	1,468

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, 2016**

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	345	0	69	11	0	0	0	90	0	43	*	0	0	*	0	563	90	650†
Cochise	*	972	0	0	*	0	0	19	*	*	323	*	0	*	0	1,322	20	1,340†
Coconino	*	0	685	12	0	0	0	73	*	9	*	0	0	33	0	820	37	860†
Gila	0	0	*	584	*	0	0	206	0	7	15	*	0	*	0	826	6	830†
Graham	0	*	0	*	212	0	0	21	0	0	38	*	0	0	0	275	*	280†
Greenlee	*	0	0	0	8	30	0	*	0	0	9	0	0	0	0	51	*	50†
La Paz	0	0	0	0	0	0	150	55	31	0	0	*	0	*	0	241	29	270†
Maricopa	*	11	42	10	0	0	9	29,546	7	24	52	87	*	50	7	29,853	458	30,310†
Mohave	*	0	9	*	0	0	*	81	2,759	0	*	0	0	14	*	2,873	308	3,180†
Navajo	21	0	102	18	*	0	0	148	0	660	13	*	0	8	0	975	35	1,010†
Pima	*	8	6	*	*	0	*	108	*	*	9,223	15	*	*	*	9,379	113	9,490†
Pinal	0	0	*	*	*	0	0	960	*	*	174	1,807	0	*	0	2,958	33	2,990†
Santa Cruz	0	*	0	0	0	0	0	*	0	0	115	0	180	0	0	299	*	300†
Yavapai	0	0	53	0	0	0	0	251	7	*	8	*	0	2,603	0	2,925	30	2,960†
Yuma	0	0	0	0	0	0	*	107	*	*	12	*	0	*	1,346	1,471	35	1,510†
Unknown	0	*	11	0	0	0	*	322	*	*	9	*	0	*	13	377	72	450†
AZ resident	380†	1,000†	980†	640†	230†	30	170†	31,990†	2,820†	760†	10,000†	1,930†	190†	2,730†	1,370†	55,210†	1,272	56,480
Non-resident	22	28	59	12	*	*	28	1,045	178	16	350	68	10	58	153	200†		
Total deaths in Arizona^a	400†	1,020†	1,040†	660†	230†	30†	190†	33,040†	3,000†	780†	10,350†	2,000†	200†	2,790†	1,530†	58,708		

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, 2006-2016**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA	727.9	694.0	690.6	683.2	717.6	738.5	745.7	758.7	766.0	752.9	826.3
Apache	607.8	690.5	669.7	691.3	760.6	811.2	651.4	841.0	836.3	894.6	905.3
Cochise	845.8	793.7	849.9	791.2	927.3	906.3	920.8	967.1	926.5	1010.8	1045.6
Coconino	466.0	459.8	497.7	488.0	504.4	538.2	526.4	517.3	525.2	574.9	601.2
Gila	1137.9	1194.2	1251.7	1088.2	1233.3	1272.9	1221.4	1296.8	1377.7	1496.2	1531.3
Graham	822.3	777.5	761.0	681.0	811.4	649.7	804.0	726.1	738.6	652.4	725.8
Greenlee	784.9	762.8	581.0	575.5	651.9	847.3	744.3	421.5	496.4	653.7	498.4
La Paz	930.7	936.7	928.3	1042.9	976.1	897.3	1076.5	1177.4	1193.1	1199.1	1270.8
Maricopa	668.8	629.4	619.2	614.2	640.2	662.6	663.8	682.1	691.3	710.1	732.7
Mohave	1207.7	1067.5	1201.0	1105.3	1182.9	1209.5	1222.2	1319.3	1245.1	1470.0	1545.9
Navajo	763.3	770.0	690.9	714.7	762.2	838.4	831.2	897.9	858.2	827.0	914.7
Pima	803.8	786.8	796.7	792.2	832.7	851.0	879.8	862.6	866.3	915.5	936.9
Pinal	721.8	693.1	627.0	608.5	600.9	619.4	626.9	623.9	663.5	730.2	723.7
Santa Cruz	525.4	565.0	532.9	598.0	552.5	513.6	621.9	581.1	555.0	584.8	595.1
Yavapai	1121.7	1063.7	1053.4	1012.1	1154.3	1181.6	1236.4	1277.1	1287.2	1339.9	1342.0
Yuma	595.4	585.8	542.3	638.7	653.4	673.5	675.5	630.6	672.1	663.7	691.7

Note: ^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, 2006-2016**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA	727.3	663.2	659.6	653.2	679.9	699.6	687.2	687.8	676.0	691.3	696.6
Apache	805.1	843.9	817.3	834.1	869.4	940.7	721.4	905.6	881.2	928.2	913.5
Cochise	742.8	647.3	695.1	653.2	766.0	745.5	743.2	759.8	706.1	745.4	747.0
Coconino	728.2	699.8	751.2	715.2	699.4	671.6	717.1	671.5	657.2	660.6	696.5
Gila	820.9	805.5	857.3	738.1	820.1	876.0	801.1	869.0	890.4	958.9	959.5
Graham	842.0	772.0	754.9	670.4	919.8	726.4	897.1	786.5	827.7	696.7	756.1
Greenlee	914.7	861.9	652.7	648.0	669.5	889.5	745.3	421.8	536.7	693.2	522.8
La Paz	594.6	549.8	566.3	621.5	619.5	570.4	700.9	693.1	702.6	650.9	750.0
Maricopa	732.6	656.5	646.4	641.7	655.1	677.8	660.6	667.9	664.5	668.4	676.6
Mohave	873.1	752.0	834.0	780.7	799.7	824.8	813.3	845.8	776.7	888.4	904.9
Navajo	937.4	884.9	782.9	818.6	808.9	888.5	854.1	901.6	819.3	786.2	844.6
Pima	720.3	669.7	677.4	672.8	697.6	711.8	717.1	696.6	682.4	707.2	706.0
Pinal	694.7	688.3	623.5	607.7	642.0	668.5	648.4	636.2	608.3	650.1	604.9
Santa Cruz	581.3	596.4	568.4	633.7	561.0	519.3	602.8	550.5	517.2	521.1	510.0
Yavapai	740.9	684.3	669.4	656.0	708.8	722.6	747.3	760.4	738.1	755.8	737.6
Yuma	501.1	480.2	440.4	520.7	604.7	628.4	599.7	551.9	575.6	545.9	550.2

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, 2016**

	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	56,480	30,431	26,046	44,095	23,439	20,653	7,343	4,154	3,189	1,930 [†]	1,110 [†]	820 [†]	2,350 [†]	1,370 [†]	980 [†]	770 [†]	360 [†]	410 [†]
Apache	653	387	266	151	90	61	30	19	11	0 [†]	*	*	470	277	193	0	0	0
Cochise	1,342	745	597	1,035	570	465	256	148	108	27	17	10	10 [†]	*	*	20 [†]	*	12
Coconino	857	507	350	503	287	216	59	38	21	10 [†]	8	*	277	170	107	10 [†]	*	*
Gila	832	466	366	636	350	286	84	48	36	0 [†]	*	0	107	67	40	0 [†]	0	*
Graham	278	164	114	176	101	75	68	40	28	0 [†]	*	*	32	22	10	0	0	0
Greenlee	52	35	17	28	22	6	22	13	9	0	0	0	0 [†]	0	*	0 [†]	0	*
La Paz	270	169	101	217	136	81	18	11	7	0	0	0	35	22	13	0	0	0
Maricopa	30,311	15,907	14,404	24,232	12,524	11,708	3,665	2,051	1,614	1,434	814	620	433	243	190	545	274	271
Mohave	3,181	1,760	1,421	2,951	1,632	1,319	155	90	65	10 [†]	9	*	42	21	21	20	8	12
Navajo	1,010	592	418	551	326	225	40	20	20	10 [†]	*	*	410	241	169	0 [†]	0	*
Pima	9,492	5,067	4,424	7,172	3,787	3,384	1,685	937	748	259	145	114	259	148	111	117	50	67
Pinal	2,991	1,687	1,304	2,302	1,298	1,004	394	227	167	104	60	44	168	88	80	23	14	9
Santa Cruz	301	157	144	96	48	48	204	108	96	0 [†]	*	0	0	0	0	0	0	0
Yavapai	2,955	1,585	1,370	2,763	1,468	1,295	132	85	47	10 [†]	6	*	34	20	14	17	6	11
Yuma	1,506	867	639	938	536	402	499	293	206	32	21	11	23	15	8	10 [†]	*	12
Unknown	449	336	111	344	264	78	32	26	6	20 [†]	19	*	48	26	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; ^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, 2016**

	Total	Month of death											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ARIZONA	56,480	5,119	5,140†	5,390†	4,690†	4,600†	4,460†	4,500†	4,432	4,250†	4,500†	4,520†	4,880†
Apache	653	55	69	63	55	46	54	51	66	47	47	47	53
Cochise	1,342	128	119	139	106	107	96	84	106	101	119	104	133
Coconino	857	77	73	64	67	78	75	55	74	70	77	84	63
Gila	832	74	83	72	64	53	75	63	83	77	50	60	78
Graham	278	35	25	36	23	22	21	22	16	22	16	20	20
Greenlee	50†	7	*	*	*	*	*	*	6	*	*	*	*
La Paz	270	27	23	25	25	15	22	29	25	16	16	21	26
Maricopa	30,311	2,736	2,780	2,845	2,527	2,579	2,389	2,397	2,378	2,262	2,429	2,419	2,570
Mohave	3,181	294	286	291	246	260	255	241	256	245	262	256	289
Navajo	1,010	83	89	106	85	79	81	87	69	88	79	73	91
Pima	9,492	871	880	961	828	703	774	767	707	662	749	766	824
Pinal	2,991	283	242	268	255	240	207	261	231	246	248	245	265
Santa Cruz	301	30	26	28	22	20	24	29	21	28	24	23	26
Yavapai	2,955	256	260	299	214	244	232	242	244	224	229	242	269
Yuma	1,506	147	146	161	131	110	117	117	112	125	102	107	131
Unknown	449	16	30	24	37	43	39	48	38	36	51	47	40

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, 2016**

	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	12,327	3,150†	30†	19,098	34,608	7,590†	4,835	9,446	0†	21,870†	56,480†
Apache	228	59	6	160	453	18	76	106	0	200	653
Cochise	359	94	*	503	960†	69	145	170	0	384	1,340†
Coconino	234	52	*	287	570†	41	131	111	0	283	860†
Gila	179	33	*	306	520†	90	149	73	0	312	830†
Graham	76	25	0	110	211	9	38	20	0	67	278
Greenlee	9	*	0	27	40†	*	7	6	0	10†	50†
La Paz	69	18	0	114	201	29	14	26	0	69	270
Maricopa	6,189	1,667	8	9,310	17,174	5,252	2,273	5,611	*	13,140†	30,310†
Mohave	744	182	*	1,352	2,280†	293	393	214	0	900	3,180†
Navajo	256	79	*	370	710†	24	157	121	0	302	1,010†
Pima	2,165	420	*	3,375	5,960†	1,077	533	1,920	0	3,530	9,490†
Pinal	675	197	0	1,182	2,054	296	250	391	0	937	2,991
Santa Cruz	65	16	*	147	230†	11	17	44	0	72	300†
Yavapai	523	129	*	1,240	1,890†	304	430	327	0	1,061	2,960†
Yuma	404	114	*	613	1,130†	28	183	163	0	374	1,510†
Unknown	152	65	0	*	220†	48	39	143	0	230	450†

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, 2006-2016**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA	Burial	16,809	15,640	14,400	14,225	13,940	13,423	13,356	13,044	13,397	13,734
	Cremation	27,660	27,970	28,972	28,514	28,654	31,060	32,128	33,736	36,200	38,013
	Other	946	1,030	1,756	2,326	3,277	3,696	3,976	4,294	4,555	4,733
	TOTAL	45,415	44,640	45,128	45,065	45,871	47,547	48,459	49,929	51,074	54,152
Apache	Burial	359	328	310	362	430	347	425	431	497	470
	Cremation	76	77	87	91	94	96	103	118	118	120
	Other	19	117	113	77	20	28	79	52	31	63
	TOTAL	454	522	510	530	544	471	607	601	646	653
Cochise	Burial	399	355	353	331	360	328	322	277	334	304
	Cremation	724	709	782	753	812	805	877	882	914	981
	Other	17	29	50	38	46	71	67	42	57	57
	TOTAL	1,140	1,093	1,185	1,122	1,218	1,183	1,204	1,266	1,201	1,305
Coconino	Burial	306	327	301	318	317	307	311	306	345	368
	Cremation	312	287	342	343	342	379	348	387	442	454
	Other	*	7	32	15	19	21	43	39	27	35
	TOTAL	620†	621	675	676	678	722	707	702	732	814
Gila	Burial	238	300	286	234	226	241	226	224	259	255
	Cremation	382	362	422	397	385	388	359	371	460	480
	Other	7	*	10	15	50	70	99	100	95	97
	TOTAL	627	670†	718	646	661	682	655	696	747	814
Graham	Burial	197	184	186	187	187	165	169	133	145	151
	Cremation	94	97	98	81	101	119	97	136	99	118
	Other	*	*	10	*	14	16	9	14	7	9
	TOTAL	300†	280†	294	270†	302	245	300	275	283	251
Greenlee	Burial	38	36	28	22	27	33	21	14	31	23
	Cremation	26	26	23	26	28	29	25	37	34	27
	Other	*	*	*	*	0	*	0	*	*	*
	TOTAL	70†	60†	50†	50†	55	70†	60†	46	50†	70†
La Paz	Burial	68	66	51	62	54	58	58	48	44	52
	Cremation	131	129	133	145	118	111	142	172	179	178
	Other	*	9	16	20	28	31	56	47	31	40
	TOTAL	200†	204	200	227	200	186	225	247	253	254
Maricopa	Burial	9,626	8,731	8,266	7,941	7,582	7,408	7,358	7,274	7,219	7,469
	Cremation	15,041	15,149	15,399	15,206	15,078	16,006	16,235	17,221	18,097	19,245
	Other	509	537	639	1,202	1,778	2,053	2,192	2,403	2,340	2,494
	TOTAL	25,176	24,417	24,304	24,349	24,438	25,467	25,785	26,906	27,711	28,945

**TABLE 5E-9 (continued)
BODY DISPOSITION BY COUNTY OF RESIDENCE AND YEAR, ARIZONA, 2006-2016**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
Mohave	Burial	568	445	419	384	379	387	363	345	322	390	378
	Cremation	1,769	1,692	1,790	1,645	1,666	1,685	1,793	1,945	1,832	2,197	2,348
	Other	17	16	252	231	323	352	326	396	386	437	455
	TOTAL	2,354	2,153	2,461	2,260	2,368	2,424	2,482	2,686	2,540	3,024	3,181
Navajo	Burial	556	536	441	498	514	506	529	552	513	516	534
	Cremation	280	281	264	300	271	347	325	361	378	340	405
	Other	24	71	88	27	34	46	43	63	46	51	71
	TOTAL	860	888	793	825	819	899	897	976	937	907	1,010
Pima	Burial	2,539	2,495	2,133	2,190	2,143	2,084	2,007	2,017	1,894	1,964	1,944
	Cremation	5,113	5,266	5,618	5,511	5,524	5,805	6,168	5,989	6,265	6,686	6,896
	Other	233	138	324	364	496	503	538	586	566	591	652
	TOTAL	7,885	7,899	8,075	8,065	8,163	8,392	8,713	8,592	8,725	9,241	9,492
Pinal	Burial	760	745	677	647	689	679	678	638	684	704	693
	Cremation	1,120	1,229	1,302	1,216	1,379	1,478	1,515	1,578	1,708	1,979	2,023
	Other	68	59	44	131	190	223	247	241	237	285	275
	TOTAL	1,948	2,033	2,023	1,994	2,258	2,380	2,440	2,457	2,629	2,968	2,991
Santa Cruz	Burial	113	128	106	110	77	106	111	102	96	84	86
	Cremation	122	134	144	169	173	125	181	178	170	200	205
	Other	*	*	*	*	12	16	11	6	9	10	10
	TOTAL	240†	260†	250†	280†	262	247	303	286	275	294	301
Yavapai	Burial	608	521	465	424	448	438	422	426	391	395	375
	Cremation	1,757	1,801	1,842	1,774	1,795	1,845	1,949	1,970	2,075	2,172	2,231
	Other	21	20	66	105	193	213	245	328	306	351	349
	TOTAL	2,386	2,342	2,373	2,303	2,436	2,496	2,616	2,724	2,772	2,918	2,955
Yuma	Burial	433	438	334	435	386	396	366	409	358	381	442
	Cremation	711	725	703	810	826	888	924	845	954	968	973
	Other	20	17	68	61	67	66	96	66	113	78	91
	TOTAL	1,164	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	0†	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 2016**

Total deaths occurring in Arizona	Total	Body disposition																Out-of-state/ Unknown
		Apache	Cochise	Cocoino	Gila	Gram	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma		
Total	58,708	400†	1,020†	1,040†	660†	230†	30†	193	33,037	3,000†	780†	10,353	1,996	200†	2,785	1,530†	1,470†	
Burial	14,432	268	233	491	183	117	13	48	8,476	352	354	2,227	465	63	368	427	347	
Cremation	39,379	105	743	524	380	109	17	119	21,920	2,197	364	7,424	1,329	127	2,093	1,013	915	
Donated	4,098	16	42	23	80	6	0	26	2,218	445	39	580	185	6	315	72	45	
Entombment	530†	*	*	*	*	0	0	0	402	*	*	85	11	0	9	10	*	
Other	260†	9	*	0	9	*	*	0	21	0	16	37	6	*	0	*	157	
Unknown	0†	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0	*	
Total	54,486	270†	960†	930†	630†	220†	27	165	30,681	2,800†	710†	9,790	1,870†	170†	2,657	1,280†	1,320†	
Burial	10,854	152	176	398	173	112	10	35	6,359	190	310	1,708	360	40	253	231	347	
Cremation	39,070	102	738	503	379	108	17	113	21,776	2,176	362	7,392	1,317	121	2,085	966	915	
Donated	4,030†	16	41	22	79	*	0	17	2,194	433	39	574	183	6	311	70	45	
Entombment	450†	*	*	*	*	0	0	0	333	*	*	79	8	0	8	9	*	
Other	80†	*	*	0	0	0	0	0	19	0	0	37	*	*	0	*	7	
Unknown	0†	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0	*	
Total	4,220†	130†	60†	120†	20†	10†	0†	28	2,360†	200†	60†	563	120†	29	130†	250†	150	
Burial	3,580†	116	57	93	10	*	*	13	2,117	162	44	519	105	23	115	196	0	
Cremation	310†	*	*	21	*	*	0	6	144	21	*	32	12	6	8	47	0	
Donated	60†	0	*	*	*	*	0	9	24	12	0	6	*	0	*	*	0	
Entombment	80†	0	0	*	0	0	0	0	69	*	0	6	*	0	*	*	0	
Other	190†	8	0	0	9	*	*	0	*	0	16	0	*	0	0	0	150	

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; ^b Correction was made to AHS 2015 report, t5e10 to reflect 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, 2016**

	ARIZONA	Apache	Cochise	Coconino	Gila	Gramam	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
	PER 100,000 TOTAL POPULATION (BOTH GENDERS):															
Total, all causes	696.6	913.5	747.0	696.5	959.5	756.1	522.8	750.0	676.6	904.9	844.6	706.0	604.9	510.0	737.6	550.2
Cardiovascular disease	190.8	184.0	200.7	174.2	275.0	225.6	179.1	190.2	183.5	289.7	192.6	197.2	165.3	158.9	187.1	166.8
Diseases of heart	142.5	140.0	151.2	131.9	216.7	148.4	138.5	152.0	134.2	241.8	148.7	148.8	120.8	113.5	139.5	119.9
Coronary heart disease	106.2	106.7	98.3	99.6	152.3	94.7	85.7	126.5	101.0	196.3	99.6	107.0	90.1	88.8	100.4	94.5
Malignant neoplasms	140.7	108.3	162.3	130.9	149.4	153.1	80.8	137.8	141.0	192.0	136.1	136.6	126.1	88.7	149.7	104.2
Lung cancer	31.4	18.0	33.5	20.7	20.8	17.9	20.9	40.2	31.0	57.5	24.4	30.3	27.3	16.0	32.0	25.8
Colorectal cancer	12.9	8.6	20.9	13.5	4.9	20.6	0.0	14.7	13.2	18.3	16.0	11.3	9.7	6.2	9.5	13.6
Breast cancer	10.4	7.1	16.3	7.6	11.1	7.9	0.0	3.1	10.9	15.9	5.8	10.6	6.2	5.8	11.2	4.4
Prostate cancer	8.3	6.5	11.4	5.9	12.6	5.9	11.1	3.6	8.1	10.7	10.5	8.3	8.3	3.5	8.1	6.6
Malignant melanoma of skin	2.4	0.0	4.2	2.7	3.1	0.0	0.0	3.1	2.2	3.6	2.6	2.5	2.7	1.4	2.7	1.8
Cervical cancer	1.1	0.0	1.9	1.3	0.0	3.4	0.0	0.0	1.2	1.0	1.6	1.0	0.9	0.0	1.6	0.0
Accident (unintentional injury)	53.7	142.2	51.3	65.9	96.3	43.4	29.3	118.7	48.5	64.6	100.6	57.1	39.8	40.7	52.7	46.4
Accidental poisoning	18.6	43.7	18.2	23.8	42.1	18.0	0.0	42.1	15.7	26.0	36.9	22.9	13.1	8.8	21.2	18.0
Motor vehicle accident	13.9	62.0	16.5	20.8	19.8	16.0	18.2	22.5	12.1	13.5	30.8	12.6	15.3	14.3	10.7	9.7
Accidental falls	13.4	7.3	8.9	9.3	19.5	0.0	11.1	7.6	14.1	10.2	18.6	15.0	6.6	15.4	17.4	7.3
Accidental drowning	1.5	4.7	0.0	1.7	5.5	2.4	0.0	0.0	1.6	3.8	1.6	1.3	0.5	0.0	0.8	1.4
Chronic lower respiratory diseases	45.0	25.5	51.9	40.3	62.2	46.2	52.1	29.7	45.6	56.8	44.5	39.0	43.6	22.4	61.3	26.4
Alzheimer's disease	37.3	17.1	21.8	33.3	21.8	29.5	22.5	17.6	41.2	31.2	22.9	38.9	25.6	30.7	44.3	18.5
Cerebrovascular disease	30.7	32.2	31.9	32.7	42.9	53.8	29.5	35.2	29.7	30.5	23.7	32.5	25.3	32.0	36.4	34.6
Diabetes	24.5	46.7	19.8	20.0	31.5	37.4	35.2	41.2	23.5	24.4	27.9	27.2	27.2	29.7	13.6	28.1
Intentional self-harm (suicide)	17.7	25.9	17.7	15.8	25.4	30.5	16.4	22.2	15.9	27.7	32.0	17.2	15.5	9.7	32.7	13.2
Chronic liver disease and cirrhosis	15.1	39.6	15.3	30.0	55.9	23.6	7.2	56.8	11.2	25.3	40.0	15.7	15.8	13.8	23.0	14.5
Essential (primary) hypertension and hypertensive renal disease	12.2	9.3	6.6	4.7	10.0	14.3	0.0	0.0	14.3	12.1	11.3	9.6	14.6	13.4	6.6	4.7
Influenza and pneumonia	10.4	22.5	19.4	9.1	10.3	18.5	0.0	7.4	8.6	13.8	18.5	12.8	8.7	5.2	9.4	16.2
Parkinson's disease	8.7	9.6	5.8	8.0	4.4	5.9	0.0	3.6	9.6	4.9	5.4	8.3	8.9	3.5	10.3	6.2
Assault (homicide)	6.3	13.1	5.4	5.7	14.2	0.0	0.0	12.8	6.1	9.1	10.1	5.9	5.5	3.5	3.0	4.9
Septicemia	6.2	9.8	15.9	5.5	8.3	16.3	0.0	0.0	4.2	10.8	13.3	8.0	6.4	4.8	5.4	15.3
Nephritis	5.8	14.0	18.0	9.0	16.4	24.8	0.0	3.1	3.5	11.2	14.8	7.3	7.7	0.0	6.3	7.4
HIV disease	1.4	0.0	1.2	0.6	1.0	0.0	0.0	9.8	1.4	1.1	0.0	1.9	1.7	0.0	0.8	0.9
Injury by firearms	15.3	9.4	18.6	8.4	11.2	17.8	0.0	37.5	14.6	25.8	22.3	14.4	15.4	5.4	19.1	10.3
Drug-induced deaths	20.1	7.2	19.1	14.5	41.0	20.2	0.0	39.1	17.8	30.8	22.9	25.4	14.7	8.8	27.8	20.9
Opioid-induced deaths**	11.1	4.1	15.1	4.4	16.8	5.7	0.0	36.5	10.3	20.4	6.2	17.3	8.1	8.8	9.0	0.0
Alcohol-induced deaths	17.6	87.9	14.1	48.0	66.1	19.2	7.2	26.9	14.0	22.4	65.9	17.1	14.7	8.0	18.1	6.6
AVERAGE AGE AT DEATH	72.9	64.0	74.5	67.3	71.9	70.2	70.4	70.1	72.9	73.7	68.1	74.3	71.1	75.5	76.2	73.3
MEDIAN AGE AT DEATH	76.0	68.0	77.0	70.0	74.0	74.0	70.5	73.0	76.0	75.0	72.0	77.0	73.0	79.0	78.0	77.0

**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, 2016**

	ARIZONA	PER 100,000 FEMALES:														
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Total, all causes	581.1	688.4	625.5	539.4	774.2	589.2	323.0	571.4	572.7	788.1	653.3	576.1	522.8	421.0	612.1	447.3
Cardiovascular disease	155.9	158.2	174.5	127.8	226.0	179.2	93.6	122.0	152.0	234.8	141.6	160.2	137.1	134.6	153.4	131.1
Diseases of heart	109.8	113.7	122.2	95.6	170.2	91.6	55.0	93.1	104.7	189.6	100.2	116.7	97.6	85.0	108.0	83.1
Coronary heart disease	76.8	81.5	71.8	70.4	115.9	42.4	38.8	74.9	73.9	154.5	74.1	78.0	64.9	60.6	70.4	62.4
Malignant neoplasms	120.0	95.6	137.1	130.5	119.6	142.8	60.6	120.8	120.2	179.2	116.1	112.9	109.8	83.5	131.2	76.3
Lung cancer	26.9	11.5	27.0	18.4	19.2	14.3	0.0	43.1	26.4	56.6	16.9	25.6	24.0	15.3	30.0	19.0
Breast cancer	19.4	13.3	32.1	14.1	21.0	17.1	0.0	5.8	19.9	31.1	10.9	19.3	11.8	10.8	21.2	8.5
Colorectal cancer	10.6	14.4	16.5	12.3	1.5	26.2	0.0	13.3	11.2	15.4	11.5	7.9	8.3	3.2	8.5	9.1
Cervical cancer	2.1	0.0	3.6	2.5	0.0	8.1	0.0	0.0	2.2	2.0	3.2	1.9	1.6	0.0	3.2	0.0
Malignant melanoma of skin	1.4	0.0	1.1	1.5	0.0	0.0	0.0	0.0	1.1	3.8	4.1	1.6	2.7	2.5	1.9	0.7
Chronic lower respiratory diseases	42.9	23.0	40.3	37.9	53.9	48.2	32.3	16.6	43.9	55.4	38.0	37.8	42.2	15.4	58.9	22.8
Alzheimer's disease	41.5	20.1	16.5	39.4	31.6	32.3	16.2	20.8	45.4	37.3	22.4	42.5	33.5	28.4	47.0	20.1
Accident (unintentional injury)	34.9	83.3	44.2	29.2	64.2	17.8	19.2	83.0	32.3	49.1	45.6	35.9	28.6	21.5	38.4	34.4
Accidental falls	11.7	5.9	7.8	8.0	15.9	0.0	0.0	3.3	12.4	8.7	12.5	11.9	6.6	17.5	20.2	3.9
Accidental poisoning	11.0	17.3	14.7	7.6	35.9	7.4	0.0	15.7	9.5	17.2	12.7	13.6	10.6	0.0	10.7	14.8
Motor vehicle accident	7.8	47.2	13.6	9.3	5.5	10.4	19.2	36.1	6.7	12.0	10.8	6.6	9.3	4.1	6.7	5.6
Accidental drowning	0.8	2.6	0.0	0.0	5.5	0.0	0.0	0.0	1.0	1.1	0.0	0.8	0.0	0.0	0.0	0.0
Cerebrovascular disease	30.9	35.2	38.1	26.0	48.7	77.4	38.6	28.8	30.0	28.2	24.5	30.9	25.6	38.4	36.0	35.2
Diabetes	18.4	26.8	9.6	14.3	26.8	19.0	15.7	15.7	18.4	23.7	26.5	18.7	18.0	25.4	8.1	22.8
Essential (primary) hypertension	11.0	6.6	5.6	4.2	7.0	5.1	0.0	0.0	13.4	12.9	7.1	8.0	11.5	11.3	5.0	5.1
Chronic liver disease and cirrhosis	10.8	26.4	14.9	26.5	47.6	16.2	15.7	86.7	8.5	16.1	26.5	10.4	6.9	5.2	18.6	8.0
Influenza and pneumonia	9.4	18.0	15.7	11.4	7.3	5.1	0.0	4.1	7.3	16.5	18.0	12.0	8.4	5.9	9.1	13.1
Intentional self-harm (suicide)	7.9	8.5	9.2	1.5	7.4	0.0	0.0	12.6	7.2	12.6	14.3	8.9	7.5	4.1	9.4	8.3
Septicemia	5.5	6.9	11.4	3.2	3.4	9.6	0.0	0.0	4.1	10.1	7.8	6.8	7.8	5.9	6.8	11.1
Parkinson's disease	5.4	2.1	1.8	2.5	3.0	5.1	0.0	0.0	6.1	4.0	1.5	4.7	5.1	6.4	5.7	5.7
Nephritis	4.9	10.0	12.9	2.0	4.7	15.3	0.0	6.5	3.2	9.9	14.2	6.7	7.9	0.0	3.5	6.8
Assault (homicide)	2.5	3.0	1.0	2.0	4.6	0.0	0.0	23.7	2.5	3.6	4.5	1.9	3.1	0.0	2.0	3.4
HIV disease	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	1.0	0.4	0.0	0.0	0.0
Injury by firearms	5.4	5.4	9.1	2.0	2.0	0.0	0.0	12.6	4.8	11.1	10.8	6.0	5.3	4.1	3.7	5.6
Drug-induced deaths	13.5	0.0	14.7	4.4	41.4	7.4	0.0	15.7	12.3	23.7	8.7	16.2	12.2	0.0	14.9	19.1
Opioid-induced deaths**	7.6	0.0	11.0	1.2	8.7	0.0	0.0	15.7	7.1	16.6	2.2	12.3	6.0	0.0	4.1	0.0
Alcohol-induced deaths	10.2	44.8	11.9	23.9	43.2	11.8	15.7	28.3	9.1	11.0	30.4	8.4	8.3	0.0	12.0	3.8
AVERAGE AGE AT DEATH	75.9	67.4	76.1	71.9	74.4	75.0	69.5	71.8	76.0	75.7	71.6	77.5	73.0	80.1	78.9	76.0
MEDIAN AGE AT DEATH	79.0	73.5	79.0	75.0	77.0	77.0	69.0	74.0	80.0	77.0	76.0	81.0	75.0	82.0	81.0	79.0

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

TABLE 5E-12 DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2016

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA														TOTAL DEATHS, BOTH GENDERS													
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown												
Total, all causes	56,480	653	1,342	857	832	278	52	270	30,311	3,181	1,010	9,492	2,991	301	2,955	1,506	449											
Salmonella infections	0†	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	230†	*	8	*	*	0	0	*	112	11	*	43	11	*	14	9	*											
Enterocolitis due to Clostridium difficile	160†	*	6	*	*	0	0	*	80	*	*	32	9	*	12	8	*											
Tuberculosis	10†	0	*	0	0	0	0	*	*	0	*	*	*	0	0	*	0											
Respiratory tuberculosis	10†	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	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	510†	7	29	8	7	6	0	0	184	37	16	111	33	*	20	39	*											
Syphilis	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	220†	*	*	*	*	0	0	0	122	8	*	38	17	*	8	*	*											
Human immunodeficiency virus (HIV) disease	100†	0	*	*	*	0	0	*	57	*	0	20	7	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	160†	*	*	*	*	*	0	0	91	*	*	27	12	*	6	*	*											
Malignant neoplasms	11,801	83	307	166	153	57	8	59	6,437	736	178	1,886	678	56	655	292	50											
Malignant neoplasm of lip, oral cavity and pharynx	210†	0	*	*	6	0	0	*	109	13	*	29	12	0	15	8	*											
Malignant neoplasm of esophagus	310†	*	7	*	*	*	0	*	175	19	*	51	14	*	19	8	*											
Malignant neoplasm of stomach	230†	*	*	6	*	*	0	*	111	8	6	38	15	*	13	8	*											
Malignant neoplasm of colon, rectum and anus	1,070†	7	39	15	*	8	0	*	603	68	20	157	51	*	47	36	*											
Malignant neoplasm of liver and intrahepatic bile ducts	550†	*	13	11	6	*	*	*	295	34	11	90	36	7	27	13	0											
Malignant neoplasm of pancreas	900†	8	24	18	17	*	0	*	517	36	9	136	63	*	42	15	*											
Malignant neoplasm of larynx	80†	0	*	0	0	0	0	0	41	*	*	11	6	0	6	*	0											
Malignant neoplasm of trachea, bronchus and lung	2,690†	14	68	28	23	7	*	21	1,429	234	32	422	158	10	149	75	17											
Malignant melanoma of skin	190†	0	7	*	*	0	0	*	100	12	*	33	13	*	11	*	0											
Malignant neoplasm of breast	850†	6	24	10	12	*	0	*	492	59	8	136	33	*	51	12	*											
Malignant neoplasm of cervix uteri	80†	0	*	*	0	*	0	0	49	*	*	11	*	0	*	0	0											
Malignant neoplasm of corpus uteri and uterus, part unspecified	170†	*	*	*	*	*	0	*	97	7	*	28	9	*	6	0	0											
Malignant neoplasm of ovary	310†	*	*	*	*	*	0	*	181	7	*	50	14	*	20	11	*											
Malignant neoplasm of prostate	700†	*	22	8	13	*	*	*	363	42	14	121	42	*	37	20	*											
Malignant neoplasm of kidney and renal pelvis	310†	6	10	*	*	*	*	*	151	20	7	52	21	*	21	7	*											
Malignant neoplasm of bladder	370†	*	13	8	*	*	0	*	204	20	*	55	24	0	24	8	0											

TABLE 5E-12 (continued)
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2016

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA														TOTAL DEATHS, BOTH GENDERS													
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown												
Malignant neoplasm of meninges, brain and other parts of CNS	340†	*	*	*	0	*	*	185	13	*	60	34	*	17	*	*												
Malignant neoplasm of lymphoid, hematopoietic and related tissue	1,140†	*	19	15	17	*	*	672	51	16	175	52	*	73	30	*												
Hodgkin's disease	20†	0	*	*	0	0	0	15	*	0	0	0	0	*	0	0												
Non-Hodgkin's lymphoma	400†	*	7	*	7	*	0	212	26	7	69	18	*	25	11	*												
Leukemia	480†	*	8	6	6	*	*	289	14	7	70	23	*	29	16	*												
Multiple myeloma and immunoproliferative neoplasms	240†	0	*	*	*	0	0	156	9	*	35	11	0	16	*	0												
Other and unspecified malignant neoplasms of lymphoid tissue	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0												
All other and unspecified malignant neoplasm	1,320	16	35	19	25	14	0	663	85	28	231	76	10	72	28	8												
In situ neoplasms	350†	*	8	*	*	*	*	197	20	6	51	20	*	27	6	0												
Anemias	60†	*	*	*	0	*	0	20	7	*	11	*	0	*	*	0												
Diabetes	2,010†	36	35	25	29	14	*	1,064	85	35	363	141	18	53	79	19												
Nutritional deficiencies	140†	*	*	9	10	0	0	39	0	*	49	*	*	20	*	0												
Malnutrition	130†	*	*	6	9	0	0	37	0	0	47	*	*	20	*	0												
Other nutritional deficiencies	10†	0	0	*	*	0	0	*	0	*	*	0	0	0	0	0												
Obesity	190†	*	*	*	*	0	*	101	9	11	34	7	*	9	*	*												
Meningitis	10†	0	0	*	*	0	0	6	0	0	*	*	0	0	*	0												
Parkinson's disease	710†	7	12	9	*	*	0	420	18	7	117	43	*	46	19	*												
Alzheimer's disease	3,080†	12	41	34	22	10	*	1,835	116	27	576	116	18	200	55	8												
Major cardiovascular diseases	15,822	133	375	203	266	82	18	8,294	1,082	239	2,763	816	94	810	478	84												
Diseases of heart	11,820	102	282	154	211	55	14	6,081	903	185	2,079	600	68	602	345	71												
Acute rheumatic fever and chronic rheumatic heart disease	80†	0	0	*	*	0	0	45	*	*	12	*	0	*	*	*												
Hypertensive heart disease	1,110†	11	10	12	9	*	0	731	35	7	175	64	*	35	*	11												
Hypertensive heart and renal disease	110†	0	*	0	*	*	0	71	*	0	24	7	*	*	0	0												
Ischemic heart disease	7,734	67	175	104	142	34	9	3,865	692	120	1,330	386	50	396	267	46												
Acute myocardial infarction	1,760†	20	49	22	18	9	*	866	91	53	357	99	10	87	55	11												
Other acute ischemic heart disease	30†	0	*	*	0	0	0	9	0	0	12	*	0	0	*	0												
Other forms of chronic ischemic heart disease	5,948	47	124	80	124	25	8	2,990	601	67	961	283	40	309	210	35												
Atherosclerotic cardiovascular disease	1,950†	13	24	41	72	*	*	892	415	12	236	62	18	124	10	21												
All other forms of chronic ischemic heart disease	3,990†	34	100	39	52	20	*	3,865	186	55	725	221	22	185	200	14												
Other heart diseases	2,780†	24	96	36	57	18	*	1,369	169	57	538	141	14	165	70	12												
Acute and subacute endocarditis	40†	0	*	*	*	0	0	15	*	*	10	*	*	0	*	0												
Diseases of pericardium and acute myocarditis	20†	0	*	0	0	0	0	10	0	0	*	0	0	*	0	0												
Heart failure	690†	7	42	8	24	*	*	288	45	20	135	30	*	46	23	*												
All other forms of heart disease	2,040†	17	52	27	32	13	*	1,056	119	36	391	109	10	117	46	9												
Essential (primary) hypertension and hypertensive renal disease	1,010†	7	13	6	11	*	0	647	47	14	133	70	8	27	14	8												
Cerebrovascular diseases	2,540†	22	60	37	40	19	*	1,328	115	29	462	123	18	163	97	*												

TABLE 5E-12 (continued)
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2016

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL DEATHS, BOTH GENDERS													Unknown			
	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal		Santa Cruz	Yavapai	Yuma
Atherosclerosis	70†	0	*	0	0	0	0	0	33	*	*	13	*	0	*	16	0
Other diseases of circulatory system	380†	*	17	6	*	*	*	*	205	14	9	76	22	0	17	6	0
Aortic aneurysm and dissection	200†	*	10	*	*	*	0	*	101	10	*	39	10	0	10	*	0
Other disease of arteries, arterioles and capillaries	190†	*	7	*	*	*	*	*	104	*	*	37	12	0	7	*	0
Other disorders of circulatory system	100†	0	*	*	*	0	0	0	59	*	*	21	*	0	8	*	*
Influenza and pneumonia	860†	16	33	11	11	7	0	*	393	48	23	173	44	*	43	46	*
Influenza	150†	*	7	*	*	*	0	0	85	*	*	18	*	0	10	7	0
Pneumonia	710†	13	26	9	8	6	0	*	308	45	20	155	40	*	33	39	*
Other acute lower respiratory infections	0†	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0
Acute bronchitis	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	3,790†	20	99	46	65	17	*	17	2,058	220	59	558	240	13	268	77	26
Bronchitis, chronic and unspecified	10†	0	0	*	0	0	0	0	*	0	0	*	*	*	0	0	0
Emphysema	180†	*	*	12	*	0	0	0	57	16	9	39	11	*	19	*	*
Asthma	110†	*	*	*	*	0	0	0	56	*	*	18	7	*	*	0	*
Other chronic lower respiratory diseases	3,500†	14	91	30	60	17	*	17	1,944	199	48	497	221	9	246	74	23
Pneumoconioses and chemical effects	20†	*	0	0	0	0	0	0	6	0	0	6	0	0	*	0	0
Pneumonitis due to solids and liquids	290†	8	7	*	*	*	0	*	127	12	6	81	14	*	13	6	*
Other disease of respiratory system	640†	17	27	11	7	*	*	*	280	27	19	123	43	8	49	19	*
Peptic ulcer	70†	*	*	0	*	0	0	0	43	*	0	14	*	0	*	*	0
Diseases of appendix	10†	0	0	0	0	0	0	0	9	*	0	*	0	0	*	0	0
Hernia	40†	0	0	0	0	0	0	0	19	*	*	10	6	0	0	*	0
Chronic liver disease and cirrhosis	1,170†	26	23	40	34	9	*	13	504	83	41	185	77	9	71	36	17
Alcoholic liver disease	850†	20	15	28	30	7	*	*	405	45	36	118	57	*	49	12	13
Other chronic liver disease and cirrhosis	320†	6	8	12	*	*	0	8	99	38	*	67	20	*	22	24	*
Cholelithiasis and other disorders of gallbladder	90†	*	*	0	*	0	0	0	47	*	*	20	*	*	*	*	*
Nephritis, nephrotic syndrome and nephrosis	490†	10	34	10	14	9	0	*	158	46	18	101	36	0	24	20	*
Acute and rapidly progressive nephritic and nephrotic syndrome	10†	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	470†	10	33	10	13	9	0	*	154	46	18	96	35	0	24	20	*
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	*	*	*
Hyperplasia of prostate	10†	0	0	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	30†	0	0	*	0	0	0	0	19	0	0	*	*	0	*	0	0
Pregnancy with abortive outcome	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0

TABLE 5E-12 (continued)
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2016

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	30†	0	0	*	0	0	0	0	18	0	0	*	*	0	*	0	0
Perinatal conditions	220†	*	*	*	*	*	0	0	151	*	*	23	7	*	*	7	6
Congenital anomalies, deformations and chromosomal abnormalities	210†	8	*	*	*	0	*	0	124	*	6	31	8	0	10	*	*
Symptoms, signs, abnormal findings	1,900†	36	14	21	20	*	0	10	1,465	88	24	82	69	*	21	6	39
Total accidents	3,900†	96	71	90	56	16	*	26	2,085	155	103	644	165	21	159	110	99
Transport accidents	1,030†	41	22	33	11	7	*	6	547	33	32	139	65	7	34	23	26
Motor vehicle accidents	970†	40	21	30	11	6	*	6	511	31	30	132	61	7	32	23	24
Other land transport accidents	20†	0	*	*	0	0	0	0	9	0	*	*	*	0	*	0	*
Water, air, space	40†	*	0	*	0	*	0	0	27	*	0	*	*	0	*	0	*
Nontransport accidents	2,870†	55	49	57	45	9	*	20	1,538	122	71	505	100	14	125	87	73
Falls	1,100†	*	16	11	17	0	*	*	631	39	21	214	31	9	74	22	8
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	65	7	*	15	*	0	*	*	0
Accidental exposure to smoke, fire and flames	40†	*	*	*	*	*	0	*	17	6	*	*	0	0	*	*	*
Accidental poisoning	1,250†	30	22	32	19	6	0	7	654	45	36	218	50	*	42	35	48
Other and unspecified nontransport accidents	370†	15	10	9	*	*	0	8	169	25	10	52	17	*	6	25	15
Intentional self-harm (suicide)	1,260†	17	28	23	14	12	*	*	671	69	35	184	68	*	82	26	15
By discharge of firearms	750†	*	23	8	8	7	0	*	400	46	17	111	51	*	47	13	*
By other means	510†	14	*	15	6	*	*	0	271	23	18	73	17	*	35	13	10
Assault (homicide)	420†	9	6	8	6	0	0	*	251	18	11	57	21	*	*	10	9
By discharge of firearms	300†	*	*	*	0	0	0	0	205	12	6	36	15	0	*	8	*
By other means	120†	6	*	6	6	0	0	*	46	6	*	21	6	*	0	*	*
Legal intervention	10†	0	0	*	0	0	0	*	*	*	0	*	0	0	0	0	*
Events of undetermined intent	170†	7	*	*	8	0	*	*	79	8	15	18	*	*	17	0	*
Discharge of firearms	20†	*	0	0	0	0	0	*	6	*	*	*	*	0	0	0	*
Other and unspecified events of undetermined intent	160†	6	*	*	8	0	*	*	73	7	14	15	*	*	17	0	*
Operations of war	0†	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	50†	0	*	*	0	0	0	0	21	*	0	9	*	*	*	*	*
INJURY BY FIREARMS	1,080†	7	27	13	8	7	0	7	614	64	24	155	67	*	52	22	14
DRUG-INDUCED DEATHS	1,460†	*	25	20	23	7	0	7	798	65	33	253	60	*	72	41	50
OPIOID-INDUCED DEATHS**	740†	*	18	6	6	*	0	6	430	34	6	166	30	*	18	0	14
ALCOHOL-INDUCED DEATHS	1,310†	58	19	64	38	7	*	6	620	65	66	193	71	*	56	15	25

TABLE 5E-12 (continued)
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2016

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA										MALE DEATHS										Unknown
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma						
Total, all causes	30,431	387	745	507	466	164	35	169	15,907	1,760	592	5,067	1,687	157	1,585	867	336				
Salmonella infections	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0				
Shigellosis and amebiasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Certain other intestinal infections	100†	*	*	*	*	0	0	*	47	7	*	18	*	*	8	*	*				
Enterocolitis due to Clostridium difficile	70†	0	*	*	0	0	0	*	37	*	*	13	*	*	6	*	*				
Tuberculosis	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				
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	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	270†	*	18	6	*	*	0	0	86	21	11	60	13	*	9	24	*				
Syphilis	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	140†	*	*	*	*	0	0	0	78	*	*	26	11	*	*	*	*				
Human immunodeficiency virus (HIV) disease	80†	0	*	*	*	0	0	*	49	*	0	16	6	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	90†	*	0	*	*	*	0	0	51	*	*	13	9	0	*	*	*				
Malignant neoplasms	6,430†	44	174	80	91	29	*	33	3,453	391	101	1,047	382	27	358	177	37				
Malignant neoplasm of lip, oral cavity and pharynx	160†	0	*	*	*	0	0	*	87	10	*	22	8	0	12	6	*				
Malignant neoplasm of esophagus	250†	*	*	*	*	*	0	*	133	15	*	42	13	*	18	7	*				
Malignant neoplasm of stomach	130†	*	*	*	*	*	0	*	63	*	*	18	9	0	7	*	*				
Malignant neoplasm of colon, rectum and anus	590†	*	22	8	*	*	0	*	325	38	12	96	28	*	24	22	*				
Malignant neoplasm of liver and intrahepatic bile ducts	370†	*	10	6	*	*	0	*	194	26	6	70	20	*	20	7	0				
Malignant neoplasm of pancreas	490†	*	13	9	14	*	0	*	288	16	*	76	33	*	20	9	*				
Malignant neoplasm of larynx	60†	0	*	0	0	0	0	0	31	*	*	9	*	0	6	*	0				
Malignant neoplasm of trachea, bronchus and lung	1,450†	9	39	15	12	*	*	10	767	117	21	226	89	*	77	46	13				
Malignant melanoma of skin	130†	0	6	*	*	0	0	*	73	7	*	22	7	0	6	*	0				
Malignant neoplasm of breast	10†	0	0	0	0	0	0	0	*	0	0	*	*	0	0	0	0				
Malignant neoplasm of prostate	700†	*	22	8	13	*	*	*	363	42	14	121	42	*	37	20	*				
Malignant neoplasm of kidney and renal pelvis	210†	6	6	*	*	*	0	0	102	12	*	35	13	*	15	*	*				
Malignant neoplasm of bladder	270†	*	10	*	*	*	0	*	145	15	*	43	16	0	20	*	0				

TABLE 5E-12 (continued)
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2016

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA										MALE DEATHS									
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown				
Malignant neoplasm of meninges, brain and other parts of CNS	200†	*	*	*	0	*	*	105	7	*	33	21	*	8	*	*				
Malignant neoplasm of lymphoid, hematopoietic and related tissue	650†	*	8	9	10	*	*	377	33	8	106	32	*	42	19	*				
Hodgkin's disease	10†	0	*	*	0	0	0	7	*	0	0	0	0	0	0	0				
Non-Hodgkin's lymphoma	220†	*	*	*	*	*	0	110	16	*	39	14	*	16	7	*				
Leukemia	270†	*	*	*	*	0	0	164	8	*	46	12	0	16	10	0				
Multiple myeloma and immunoproliferative neoplasms	150†	0	*	*	*	0	0	96	8	*	20	6	0	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				
All other and unspecified malignant neoplasm	770†	8	22	8	14	8	0	395	45	17	125	45	*	46	17	8				
In situ neoplasms	210†	*	*	*	*	0	*	125	11	*	29	15	0	12	*	0				
Anemias	30†	*	*	0	0	0	0	13	*	*	7	*	0	*	0	0				
Diabetes	1,200†	25	25	16	17	10	9	614	47	17	222	95	9	33	45	12				
Nutritional deficiencies	50†	0	*	*	*	0	0	15	0	0	15	*	0	9	*	0				
Malnutrition	50†	0	*	*	*	0	0	14	0	0	14	*	0	9	*	0				
Other nutritional deficiencies	10†	0	0	*	*	0	0	*	0	0	*	0	0	0	0	0				
Obesity	120†	0	*	*	*	0	0	65	7	8	21	*	*	6	*	*				
Meningitis	0†	0	0	0	*	0	0	*	0	0	0	0	0	0	*	0				
Parkinson's disease	460†	6	10	7	*	*	*	264	10	6	80	29	0	32	10	*				
Alzheimer's disease	1,080†	*	24	11	*	*	*	624	42	12	202	36	8	80	24	*				
Major cardiovascular diseases	8,559	70	200	122	144	48	13	58	4,362	628	1,458	475	47	441	281	68				
Diseases of heart	6,702	57	159	94	117	38	11	49	3,367	537	1,135	357	37	348	221	58				
Acute rheumatic fever and chronic rheumatic heart disease	30†	0	0	*	*	0	0	0	22	*	0	*	0	*	0	0				
Hypertensive heart disease	550†	*	*	9	*	*	0	*	358	20	*	85	34	*	15	*				
Hypertensive heart and renal disease	60†	0	0	0	*	*	0	0	40	*	0	8	*	0	0	0				
Ischemic heart disease	4,703	42	108	63	83	27	7	38	2,316	413	74	785	252	28	251	177				
Acute myocardial infarction	1,040†	14	29	12	13	9	*	*	486	52	34	208	61	8	59	37				
Other acute ischemic heart disease	20†	0	*	*	0	0	0	0	6	0	0	11	*	0	0	0				
Other forms of chronic ischemic heart disease	3,641	28	77	50	70	18	6	33	1,824	361	40	566	189	20	192	138				
Atherosclerotic cardiovascular disease	1,230†	9	18	26	45	*	*	562	251	9	139	44	8	85	6	20				
All other forms of chronic ischemic heart disease	2,410†	19	59	24	25	14	*	29	1,262	110	31	427	145	12	107	132				
Other heart diseases	1,360†	11	47	21	27	9	*	9	631	101	40	252	66	6	80	42				
Acute and subacute endocarditis	20†	0	*	0	*	0	0	*	9	*	0	6	*	*	0	0				
Diseases of pericardium and acute myocarditis	10†	0	*	0	0	0	0	0	8	0	0	*	0	0	*	0				
Heart failure	340†	*	19	*	10	*	*	144	22	15	60	17	*	24	15	*				
All other forms of heart disease	980†	10	26	18	16	6	*	470	77	25	185	48	*	55	26	7				
Essential (primary) hypertension and hypertensive renal disease	500†	*	7	*	7	*	0	0	304	21	9	69	41	*	15	6				
Cerebrovascular diseases	1,090†	8	22	20	16	*	*	556	60	13	203	60	6	70	44	*				

TABLE 5E-12 (continued)
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2016

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA										MALE DEATHS									
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown				
Atherosclerosis	40†	0	*	0	0	0	0	0	20	*	0	9	*	0	0	7	0			
Other diseases of circulatory system	220†	*	10	*	*	*	*	*	115	8	*	42	16	0	8	*	0			
Aortic aneurysm and dissection	120†	*	7	*	*	*	*	*	60	6	*	24	9	0	*	*	0			
Other disease of arteries, arterioles and capillaries	100†	0	*	*	*	*	*	*	55	*	*	18	7	0	*	0	0			
Other disorders of circulatory system	50†	0	0	0	0	0	0	0	38	*	*	9	*	0	*	*	0			
Influenza and pneumonia	430†	9	17	*	7	6	0	*	203	21	11	81	23	*	20	27	*			
Influenza	70†	*	*	0	0	*	0	0	46	*	*	7	*	0	*	*	0			
Pneumonia	360†	7	13	*	7	*	0	*	157	19	9	74	22	*	15	24	*			
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	57	24	36	7	*	13	950	110	31	252	122	8	131	43	11			
Bronchitis, chronic and unspecified	0†	0	0	0	0	0	0	0	*	0	0	0	*	*	0	0	0			
Emphysema	90†	0	*	7	0	0	0	0	33	7	*	18	6	*	10	*	*			
Asthma	40†	*	*	*	0	0	0	0	21	*	*	6	*	*	*	0	0			
Other chronic lower respiratory diseases	1,670†	8	53	15	36	7	*	13	895	102	25	228	113	*	120	41	10			
Pneumoconioses and chemical effects	10†	*	0	0	0	0	0	0	*	0	0	*	0	0	*	0	0			
Pneumonitis due to solids and liquids	160†	*	*	*	*	*	0	0	64	*	*	47	9	*	11	*	*			
Other disease of respiratory system	340†	12	16	*	*	*	*	0	149	15	7	63	20	*	30	11	*			
Peptic ulcer	30†	0	*	0	*	0	0	0	19	0	0	*	*	0	*	*	0			
Diseases of appendix	10†	0	0	0	0	0	0	0	7	*	0	*	0	0	0	0	0			
Hernia	20†	0	0	0	0	0	0	0	10	0	*	7	*	0	0	*	0			
Chronic liver disease and cirrhosis	740†	17	12	22	20	6	0	*	307	58	28	120	58	7	44	26	15			
Alcoholic liver disease	570†	14	7	15	19	*	0	*	259	36	25	86	43	*	33	10	11			
Other chronic liver disease and cirrhosis	170†	*	*	7	*	*	0	*	48	22	*	34	15	*	11	16	*			
Cholelithiasis and other disorders of gallbladder	50†	*	0	0	0	0	0	0	26	*	0	11	*	*	*	*	*			
Nephritis, nephrotic syndrome and nephrosis	254	6	21	9	11	6	0	0	75	26	8	47	16	0	15	11	*			
Acute and rapidly progressive nephritic and nephrotic syndrome	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			
Renal failure	246	6	20	9	10	6	0	0	74	26	8	43	15	0	15	11	*			
Others disorders of kidney	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Infections of kidney	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0			
Hyperplasia of prostate	10†	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, 2016

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA										MALE DEATHS										Unknown
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma						
Perinatal conditions	110†	*	*	*	*	*	0	0	82	*	*	11	*	*	*	*					
Congenital anomalies, deformations and chromosomal abnormalities	110†	*	*	*	*	*	0	0	71	0	*	17	*	*	0	*					
Symptoms, signs, abnormal findings	960†	26	8	15	9	0	0	8	705	44	9	51	32	*	11	*					
Total accidents	2,530†	67	42	69	36	13	17	1,330	97	79	418	108	14	87	68	80					
Transport accidents	740†	25	13	25	10	*	*	*	397	21	26	104	47	6	24	17					
Motor vehicle accidents	690†	24	13	22	10	*	*	*	367	20	25	97	44	6	22	17					
Other land transport accidents	20†	0	0	*	0	0	0	0	9	0	*	*	*	0	*	0					
Water, air, space	30†	*	0	*	0	*	0	0	21	*	0	*	*	0	*	0					
Nontransport accidents	1,780†	42	29	44	26	8	14	933	76	53	314	61	8	63	51	60					
Falls	550†	*	9	6	8	0	*	306	21	13	115	15	*	27	16	7					
Accidental discharge of firearms	10†	0	0	0	0	0	0	*	0	0	*	0	0	0	*	*					
Accidental drowning and submersion	80†	*	0	*	*	*	0	0	43	6	*	10	*	0	*	0					
Accidental exposure to smoke, fire and flames	20†	*	0	*	*	*	0	*	12	*	*	*	0	0	*	0					
Accidental poisoning	870†	24	13	27	11	*	0	454	31	30	151	31	*	29	20	38					
Other and unspecified nontransport accidents	250†	12	7	7	*	*	0	116	16	7	33	13	*	*	11	14					
Intentional self-harm (suicide)	980†	14	22	22	12	12	*	514	55	27	135	53	*	69	19	12					
By discharge of firearms	630†	*	18	8	7	7	0	344	41	14	84	44	*	44	10	*					
By other means	340†	11	*	14	*	*	*	170	14	13	51	9	*	25	9	9					
Assault (homicide)	330†	8	*	6	*	0	0	198	16	8	48	16	*	*	7	8					
By discharge of firearms	240†	*	*	0	0	0	0	162	10	*	31	12	0	*	6	*					
By other means	90†	6	*	6	*	0	0	36	6	*	17	*	*	0	*	*					
Legal intervention	10†	0	0	*	0	0	0	*	*	*	0	*	0	0	0	*					
Events of undetermined intent	100†	6	*	*	*	0	*	38	7	10	12	*	*	9	0	*					
Discharge of firearms	10†	0	0	0	0	0	0	*	*	*	*	*	0	0	0	*					
Other and unspecified events of undetermined intent	90†	6	*	*	*	0	*	34	6	10	10	*	*	9	0	0					
Operations of war	0†	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0					
Complications of medical and surgical care	20†	0	*	*	0	0	0	0	8	*	*	*	*	0	*	*					
INJURY BY FIREARMS	900†	*	21	11	7	7	0	6	513	55	18	122	57	*	47	17					
DRUG-INDUCED DEATHS	950†	*	15	17	12	6	0	*	508	39	25	168	36	*	45	22					
OPIOID-INDUCED DEATHS**	480†	*	11	*	*	*	0	*	277	20	*	106	19	*	12	0					
ALCOHOL-INDUCED DEATHS	930†	43	11	47	27	*	0	*	413	52	51	146	51	*	40	11					

TABLE 5E-12 (continued)
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2016

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA														Unknown	
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai		Yuma
Total, all causes	266	597	350	366	114	17	101	14,404	1,421	418	4,424	1,304	144	1,370	639	111
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
Certain other intestinal infections	130†	*	*	*	0	0	0	65	*	*	25	6	*	6	7	0
Enterocolitis due to Clostridium difficile	90†	*	*	*	0	0	0	43	*	0	19	6	*	6	6	0
Tuberculosis	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
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
Meningococcal infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia	240†	*	11	*	*	0	0	98	16	*	51	20	*	11	15	*
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
Arthropod-borne encephalitis	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
Viral hepatitis	80†	*	*	*	0	0	0	44	*	*	12	6	0	*	*	*
Human immunodeficiency virus (HIV) disease	10†	0	0	0	0	0	0	8	0	0	*	*	0	0	0	0
Malaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases	70†	*	*	0	*	0	0	40	*	*	14	*	*	*	0	0
Malignant neoplasms	5,370†	39	133	86	62	28	26	2,984	345	77	839	296	29	297	115	13
Malignant neoplasm of lip, oral cavity and pharynx	50†	0	*	*	*	0	0	22	*	*	7	*	0	*	*	0
Malignant neoplasm of esophagus	60†	0	*	*	*	0	0	42	*	*	9	*	0	*	*	0
Malignant neoplasm of stomach	100†	*	0	*	0	*	0	48	*	*	20	6	*	6	*	0
Malignant neoplasm of colon, rectum and anus	480†	6	17	7	*	*	0	278	30	8	61	23	*	23	14	*
Malignant neoplasm of liver and intrahepatic bile ducts	180†	*	*	*	*	*	*	101	8	*	20	16	*	7	6	0
Malignant neoplasm of pancreas	410†	*	11	9	*	*	0	229	20	6	60	30	*	22	6	*
Malignant neoplasm of larynx	10†	0	0	0	0	0	0	10	*	0	*	*	0	0	0	0
Malignant neoplasm of trachea, bronchus and lung	1,240†	*	29	13	11	*	0	662	117	11	196	69	*	72	29	*
Malignant melanoma of skin	60†	0	*	*	0	0	0	27	*	*	11	6	*	*	*	0
Malignant neoplasm of breast	840†	6	24	10	12	*	0	487	59	8	133	32	*	51	12	*
Malignant neoplasm of cervix uteri	80†	0	*	*	0	*	0	49	*	*	11	*	0	*	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	170†	*	*	*	*	*	0	97	7	*	28	9	*	6	0	0
Malignant neoplasm of ovary	310†	*	*	*	*	*	0	181	7	*	50	14	*	20	11	*
Malignant neoplasm of kidney and renal pelvis	100†	0	*	*	*	*	*	49	8	*	17	8	0	6	*	0
Malignant neoplasm of bladder	100†	0	*	*	*	0	0	59	*	0	12	8	0	*	*	0

TABLE 5E-12 (continued)
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2016

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA										FEMALE DEATHS										Unknown
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma						
Malignant neoplasm of meninges, brain and other parts of CNS	150†	0	*	*	0	0	*	80	6	*	27	13	*	9	*	0					
Malignant neoplasm of lymphoid, hematopoietic and related tissue	490†	*	11	6	7	*	*	295	18	8	69	20	*	31	11	*					
Hodgkin's disease	10†	0	0	0	0	0	0	8	*	0	0	0	0	*	0	0					
Non-Hodgkin's lymphoma	180†	*	*	*	*	*	0	102	10	*	30	*	*	9	*	0					
Leukemia	200†	0	*	*	*	0	0	125	6	*	24	11	*	13	6	*					
Multiple myeloma and immunoproliferative neoplasms	90†	0	*	*	*	0	0	60	*	*	15	*	0	6	*	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					
All other and unspecified malignant neoplasm	550†	8	13	11	11	6	*	268	40	11	106	31	*	26	11	0					
In situ neoplasms	140†	*	*	0	*	*	0	72	9	*	22	*	*	15	*	0					
Anemias	30†	*	*	*	0	*	0	7	*	*	*	0	0	*	*	0					
Diabetes	810†	11	10	9	12	*	*	450	38	18	141	46	9	20	34	7					
Nutritional deficiencies	90†	*	*	*	6	0	0	24	0	*	34	*	*	11	0	0					
Malnutrition	80†	*	*	*	6	0	0	23	0	0	33	*	*	11	0	0					
Other nutritional deficiencies	0†	0	0	*	0	0	0	*	0	*	*	0	0	0	0	0					
Obesity	70†	*	*	*	*	0	0	36	*	*	13	*	0	*	*	*					
Meningitis	10†	0	0	*	0	0	0	*	0	0	*	*	0	0	*	0					
Parkinson's disease	250†	*	*	*	*	*	0	156	8	*	37	14	*	14	9	*					
Alzheimer's disease	2,000†	8	17	23	18	6	*	1,211	74	15	374	80	10	120	31	*					
Major cardiovascular diseases	7,260†	63	175	81	122	34	*	3,932	454	95	1,305	341	47	369	197	16					
Diseases of heart	5,120†	45	123	60	94	17	*	2,714	366	68	944	243	31	254	124	13					
Acute rheumatic fever and chronic rheumatic heart disease	40†	0	0	*	*	0	0	23	*	*	7	*	0	*	*	*					
Hypertensive heart disease	560†	7	6	*	*	*	0	373	15	*	90	30	0	20	*	*					
Hypertensive heart and renal disease	60†	0	*	0	0	0	0	31	*	0	16	*	*	*	0	0					
Ischemic heart disease	3,030†	25	67	41	59	7	*	1,549	279	46	545	134	22	145	90	7					
Acute myocardial infarction	720†	6	20	10	*	0	0	380	39	19	149	38	*	28	18	*					
Other acute ischemic heart disease	10†	0	0	*	0	0	0	*	0	0	*	*	0	0	0	0					
Other forms of chronic ischemic heart disease	2,310†	19	47	30	54	7	*	1,166	240	27	395	94	20	117	72	6					
Atherosclerotic cardiovascular disease	720†	*	6	15	27	*	*	330	164	*	97	18	10	39	*	*					
All other forms of chronic ischemic heart disease	1,590†	15	41	15	27	6	*	836	76	24	298	76	10	78	68	*					
Other heart diseases	1,430†	13	49	15	30	9	*	738	68	17	286	75	8	85	28	*					
Acute and subacute endocarditis	20†	0	0	*	0	0	0	6	*	*	*	*	0	0	0	0					
Diseases of pericardium and acute myocarditis	0†	0	0	0	0	0	0	*	0	0	*	0	0	*	0	0					
Heart failure	340†	6	23	*	14	*	*	144	23	*	75	13	*	22	8	0					
All other forms of heart disease	1,070†	7	26	9	16	7	0	586	42	11	206	61	7	62	20	*					
Essential (primary) hypertension and hypertensive renal disease	510†	*	6	*	*	*	0	343	26	*	64	29	*	12	8	*					
Cerebrovascular diseases	1,440†	14	38	17	24	15	*	872	55	16	259	63	12	93	53	*					

TABLE 5E-12 (continued)
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2016

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA										FEMALE DEATHS										Unknown
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma						
Atherosclerosis	30†	0	*	0	0	0	0	0	0	0	0	0	0	*	*	0	0	0	*	9	0
Other diseases of circulatory system	160†	*	7	*	0	*	0	0	0	0	0	0	0	6	*	34	6	0	9	*	0
Aortic aneurysm and dissection	80†	0	*	0	0	0	0	0	0	0	0	0	0	*	*	15	*	0	7	0	0
Other disease of arteries, arterioles and capillaries	90†	*	*	*	*	*	*	*	*	*	*	*	*	*	0	19	*	0	*	*	0
Other disorders of circulatory system	50†	0	*	*	*	*	*	*	*	*	*	*	*	*	*	12	*	0	*	*	*
Influenza and pneumonia	430†	7	16	8	*	*	0	190	27	12	92	21	*	23	19	*	*	*	23	19	*
Influenza	70†	*	*	*	*	*	0	39	*	*	11	*	0	*	*	11	*	0	*	*	0
Pneumonia	350†	6	13	6	*	*	0	151	26	11	81	18	*	18	15	*	*	*	18	15	*
Other acute lower respiratory infections	0	0	0	0	0	0	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	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	0	0	0	0
Chronic lower respiratory diseases	1,980†	10	42	22	29	10	*	1,108	110	28	306	118	*	137	34	15	*	*	137	34	15
Bronchitis, chronic and unspecified	10†	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema	90†	*	*	*	*	0	0	24	9	*	21	*	0	9	*	*	0	0	9	*	*
Asthma	70†	*	*	*	*	0	0	35	*	*	12	*	*	*	*	12	*	*	*	*	0
Other chronic lower respiratory diseases	1,820†	6	38	15	24	10	*	1,049	97	23	269	108	*	126	33	13	*	*	126	33	13
Pneumoconioses and chemical effects	0†	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonitis due to solids and liquids	130†	*	*	0	*	*	0	63	8	*	34	*	0	*	*	0	0	0	*	*	0
Other disease of respiratory system	300†	*	11	6	*	*	*	131	12	12	60	23	6	19	8	0	*	*	19	8	0
Peptic ulcer	40†	*	0	0	*	0	0	24	*	0	9	*	0	*	0	0	0	0	*	0	0
Diseases of appendix	0†	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0
Hernia	20†	0	0	0	0	0	0	9	*	0	*	*	0	0	0	0	0	0	0	0	0
Chronic liver disease and cirrhosis	430†	9	11	18	14	*	*	197	25	13	65	19	*	27	10	*	*	*	27	10	*
Alcoholic liver disease	280†	6	8	13	11	*	*	146	9	11	32	14	0	16	*	*	*	*	16	*	*
Other chronic liver disease and cirrhosis	150†	*	*	*	*	*	0	51	16	*	33	*	*	11	8	0	*	*	11	8	0
Cholelithiasis and other disorders of gallbladder	40†	0	*	0	*	0	0	21	*	*	9	*	*	*	*	0	*	*	*	*	0
Nephritis, nephrotic syndrome and nephrosis	230†	*	13	*	*	*	0	83	20	10	54	20	0	9	9	0	0	0	0	0	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	0	0	0	0
Chronic glomerulonephritis	0†	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0	0	0	0	0	0
Renal failure	230†	*	13	*	*	*	0	80	20	10	53	20	0	9	9	0	0	0	0	0	0
Others disorders of kidney	0	0	0	0	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	*
Inflammatory diseases of female pelvic organs	0†	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium	30†	0	0	*	0	0	0	19	0	0	*	*	*	*	0	0	0	0	*	0	0
Pregnancy with abortive outcome	0†	0	0	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, 2016

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA										FEMALE DEATHS										Yuma	Unknown	
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai									
Other complications of pregnancy, childbirth and the puerperium	30†	0	0	*	0	0	0	0	0	0	0	0	18	0	0	0	*	*	0	*	0	0	0
Perinatal conditions	100†	*	*	*	0	0	0	0	0	0	0	0	69	*	0	0	12	*	0	0	*	0	*
Congenital anomalies, deformations and chromosomal abnormalities	100†	*	*	*	0	0	0	0	0	0	0	0	53	*	0	0	14	*	0	*	*	0	*
Symptoms, signs, abnormal findings	940†	10	6	6	11	*	0	0	0	0	0	0	760	44	15	30	37	*	10	*	*	10	*
Total accidents	1,370†	29	29	21	20	*	0	0	0	0	0	0	755	58	24	226	57	7	72	42	19	19	19
Transport accidents	280†	16	9	8	*	*	*	*	*	*	*	*	150	12	6	35	18	*	10	6	6	6	6
Motor vehicle accidents	270†	16	8	8	*	*	*	*	*	*	*	*	144	11	*	35	17	*	10	6	6	6	6
Other land transport accidents	0†	0	*	0	0	0	0	0	0	0	0	0	0	0	*	0	*	0	0	0	0	0	0
Water, air, space	10†	0	0	0	0	0	0	0	0	0	0	0	6	*	0	0	0	0	0	0	0	0	0
Nontransport accidents	1,090†	13	20	13	19	*	0	0	0	0	0	0	605	46	18	191	39	6	62	36	13	13	13
Falls	550†	*	7	*	9	0	0	0	0	0	0	0	325	18	8	99	16	6	47	6	6	6	6
Accidental discharge of firearms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	30†	*	0	0	*	0	0	0	0	0	0	0	22	*	0	*	*	0	0	0	0	0	0
Accidental exposure to smoke, fire and flames	20†	*	*	*	0	0	0	0	0	0	0	0	*	*	*	*	*	0	0	0	0	0	0
Accidental poisoning	380†	6	9	*	8	*	0	0	0	0	0	0	200	14	6	67	19	0	13	15	10	10	10
Other and unspecified nontransport accidents	120†	*	*	*	*	0	0	0	0	0	0	0	53	9	*	19	*	0	*	14	*	*	*
Intentional self-harm (suicide)	280†	*	6	*	*	0	0	0	0	0	0	0	157	14	8	49	15	*	13	7	*	*	*
By discharge of firearms	110†	0	*	0	*	0	0	0	0	0	0	0	56	*	*	27	7	*	*	*	*	*	*
By other means	170†	*	*	*	*	0	0	0	0	0	0	0	101	9	*	22	8	0	10	*	*	*	*
Assault (homicide)	90†	*	*	*	*	0	0	0	0	0	0	0	53	*	*	9	*	0	*	*	*	*	*
By discharge of firearms	60†	*	*	*	0	0	0	0	0	0	0	0	43	*	*	*	*	0	*	*	*	*	0
By other means	20†	0	0	0	*	0	0	0	0	0	0	0	10	0	*	*	*	0	0	0	0	0	0
Legal intervention	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	70†	*	*	0	*	0	0	0	0	0	0	0	41	*	*	6	*	*	8	0	*	*	*
Discharge of firearms	10†	*	0	0	0	0	0	0	0	0	0	0	*	0	*	*	*	0	0	0	0	0	0
Other and unspecified events of undetermined intent	70†	0	*	0	*	0	0	0	0	0	0	0	39	*	*	*	*	*	8	0	*	*	*
Operations of war	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	30†	0	0	0	0	0	0	0	0	0	0	0	13	*	0	*	*	*	*	*	*	*	0
INJURY BY FIREARMS	190†	*	6	*	*	0	0	0	0	0	0	0	101	9	6	33	10	*	*	*	*	*	*
DRUG-INDUCED DEATHS	520†	0	10	*	11	*	0	0	0	0	0	0	290	26	8	85	24	0	27	19	12	12	12
OPIOID-INDUCED DEATHS**	260†	0	7	*	*	0	0	0	0	0	0	0	153	14	*	60	11	0	6	0	*	*	*
ALCOHOL-INDUCED DEATHS	380†	15	8	17	11	*	*	*	*	*	*	*	207	13	15	47	20	0	16	*	*	*	*

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; ** First ever published sub-category of drug-induced deaths.

**TABLE 5E-13
RATES^a FOR SELECTED LEADING CAUSES OF DEATH STATEWIDE AND BY COUNTY OF RESIDENCE, ARIZONA, 2016**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Total, all causes	826.3	905.3	1045.6	601.2	1531.3	725.8	498.4	1270.8	732.7	1545.9	914.7	936.9	723.7	595.1	1342.0	691.7
Cardiovascular disease	231.5	184.4	292.2	142.4	489.6	214.1	172.5	400.1	200.5	525.8	216.5	272.7	197.4	185.8	367.9	219.5
Diseases of heart	172.9	141.4	219.7	108.0	388.3	143.6	134.2	320.0	147.0	438.9	167.6	205.2	145.2	134.4	273.4	158.5
Coronary heart disease	129.4	108.1	144.1	81.4	277.9	94.0	86.3	258.9	111.1	353.3	115.0	148.6	108.9	104.8	195.7	124.9
Malignant neoplasms	172.6	115.1	239.2	116.4	281.6	148.8	76.7	277.7	155.6	357.7	161.2	186.2	164.0	110.7	297.5	134.1
Lung cancer	39.3	19.4	53.0	19.6	42.3	18.3	19.2	98.8	34.5	113.7	29.0	41.7	38.2	19.8	67.7	34.4
Colorectal cancer	15.6	9.7	30.4	10.5	9.2	20.9	0.0	23.5	14.6	33.0	18.1	15.5	12.3	7.9	21.3	16.5
Malignant melanoma of skin	2.8	0.0	5.5	2.8	3.7	0.0	0.0	4.7	2.4	5.8	2.7	3.3	3.1	2.0	5.0	1.8
Accident (unintentional injury)	57.0	133.1	55.3	63.1	103.1	41.8	28.8	122.4	50.4	75.3	93.3	63.6	39.9	41.5	72.2	50.5
Accidental poisoning	18.3	41.6	17.1	22.4	35.0	15.7	0.0	32.9	15.8	21.9	32.6	21.5	12.1	7.9	19.1	16.1
Falls	16.1	6.9	12.5	7.7	31.3	0.0	9.6	18.8	15.3	19.0	19.0	21.1	7.5	17.8	33.6	10.1
Motor vehicle accident	14.1	55.5	16.4	21.0	20.2	15.7	19.2	28.2	12.4	15.1	27.2	13.0	14.8	13.8	14.5	10.6
Accidental drowning	1.5	4.2	0.0	1.4	5.5	2.6	0.0	0.0	1.6	3.4	1.8	1.5	0.5	0.0	0.9	1.4
Chronic lower respiratory diseases	55.4	27.7	77.1	32.3	119.6	44.4	47.9	80.0	49.7	106.9	53.4	55.1	58.1	25.7	121.7	35.4
Alzheimer's disease	45.1	16.6	31.9	23.8	40.5	26.1	19.2	42.4	44.4	56.4	24.5	56.9	28.1	35.6	90.8	25.3
Cerebrovascular disease	37.1	30.5	46.7	26.0	73.6	49.6	28.8	70.6	32.1	55.9	26.3	45.6	29.8	35.6	74.0	44.6
Diabetes	29.4	49.9	27.3	17.5	53.4	36.6	38.3	61.2	25.7	41.3	31.7	35.8	34.1	35.6	24.1	36.3
Intentional self-harm (suicide)	18.4	23.6	21.8	16.1	25.8	31.3	19.2	23.5	16.2	33.5	31.7	18.2	16.5	9.9	37.2	11.9
Chronic liver disease and cirrhosis	17.1	36.0	17.9	28.1	62.6	23.5	9.6	61.2	12.2	40.3	37.1	18.3	18.6	17.8	32.2	16.5
Essential (primary) hypertension	14.8	9.7	10.1	4.2	20.2	13.1	0.0	0.0	15.6	22.8	12.7	13.1	16.9	15.8	12.3	6.4
Influenza and pneumonia	12.6	22.2	25.7	7.7	20.2	18.3	0.0	18.8	9.5	23.3	20.8	17.1	10.6	5.9	19.5	21.1
Parkinson's disease	10.4	9.7	9.3	6.3	9.2	5.2	0.0	9.4	10.2	8.7	6.3	11.5	10.4	4.0	20.9	8.7
Septicemia	7.4	9.7	22.6	5.6	12.9	15.7	0.0	0.0	4.4	18.0	14.5	11.0	8.0	5.9	9.1	17.9
Nephritis	7.1	13.9	26.5	7.0	25.8	23.5	0.0	9.4	3.8	22.4	16.3	10.0	8.7	0.0	10.9	9.2
Assault (homicide)	6.1	12.5	4.7	5.6	11.0	0.0	0.0	14.1	6.1	8.7	10.0	5.6	5.1	4.0	2.3	4.6
HIV disease	1.4	0.0	0.8	0.7	1.8	0.0	0.0	4.7	1.4	1.0	0.0	2.0	1.7	0.0	0.5	0.9
INJURY BY FIREARMS	15.9	9.7	21.0	9.1	14.7	18.3	0.0	32.9	14.8	31.1	21.7	15.3	16.2	5.9	23.6	10.1
DRUG-INDUCED DEATHS	21.4	6.9	19.5	14.0	42.3	18.3	0.0	32.9	19.3	31.6	29.9	25.0	14.5	7.9	32.7	18.8
OPIOID-INDUCED DEATHS⁺⁺	10.9	4.2	14.0	4.2	11.0	5.2	0.0	28.2	10.4	16.5	5.4	16.4	7.3	7.9	8.2	0.0
ALCOHOL-INDUCED DEATHS	19.1	80.4	14.8	44.9	69.9	18.3	9.6	28.2	15.0	31.6	59.8	19.1	17.2	9.9	25.4	6.9

Note: ^a These are crude mortality rates (the number of deaths per 100,000 population); ⁺⁺ First ever published sub-category of drug-induced deaths.

**TABLE 5E-14
PERCENT OF TOTAL DEATHS FOR SELECTED LEADING CAUSES OF DEATH STATEWIDE AND BY COUNTY OF RESIDENCE,
ARIZONA, 2016**

	ARIZONA	Apache	Cochise	Coconino	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	28.0	20.4	27.9	23.7	32.0	29.5	34.6	31.5	27.4	34.0	23.7	29.1	27.3	31.2	27.4	31.7
Diseases of heart	20.9	15.6	21.0	18.0	25.4	19.8	26.9	25.2	20.1	28.4	18.3	21.9	20.1	22.6	20.4	22.9
Coronary heart disease	15.7	11.9	13.8	13.5	18.1	12.9	17.3	20.4	15.2	22.9	12.6	15.9	15.0	17.6	14.6	18.1
Malignant neoplasms	20.9	12.7	22.9	19.4	18.4	20.5	15.4	21.9	21.2	23.1	17.6	19.9	22.7	18.6	22.2	19.4
Lung cancer	4.8	2.1	5.1	3.3	2.8	2.5	3.8	7.8	4.7	7.4	3.2	4.4	5.3	3.3	5.0	5.0
Colorectal cancer	1.9	1.1	2.9	1.8	0.6	2.9	0.0	1.9	2.0	2.1	2.0	1.7	1.7	1.3	1.6	2.4
Malignant melanoma of skin	0.3	0.0	0.5	0.5	0.2	0.0	0.0	0.4	0.3	0.4	0.3	0.3	0.4	0.3	0.4	0.3
Accident (unintentional injury)	6.9	14.7	5.3	10.5	6.7	5.8	5.8	9.6	6.9	4.9	10.2	6.8	5.5	7.0	5.4	7.3
Accidental poisoning	2.2	4.6	1.6	3.7	2.3	2.2	0.0	2.6	2.2	1.4	3.6	2.3	1.7	1.3	1.4	2.3
Falls	2.0	0.8	1.2	1.3	2.0	0.0	1.9	1.5	2.1	1.2	2.1	2.3	1.0	3.0	2.5	1.5
Motor vehicle accident	1.7	6.1	1.6	3.5	1.3	2.2	3.8	2.2	1.7	1.0	3.0	1.4	2.0	2.3	1.1	1.5
Accidental drowning	0.2	0.5	0.0	0.2	0.4	0.4	0.0	0.0	0.2	0.2	0.2	0.2	0.1	0.0	0.1	0.2
Chronic lower respiratory diseases	6.7	3.1	7.4	5.4	7.8	6.1	9.6	6.3	6.8	6.9	5.8	5.9	8.0	4.3	9.1	5.1
Alzheimer's disease	5.5	1.8	3.1	4.0	2.6	3.6	3.8	3.3	6.1	3.6	2.7	6.1	3.9	6.0	6.8	3.7
Cerebrovascular disease	4.5	3.4	4.5	4.3	4.8	6.8	5.8	5.6	4.4	3.6	2.9	4.9	4.1	6.0	5.5	6.4
Diabetes	3.6	5.5	2.6	2.9	3.5	5.0	7.7	4.8	3.5	2.7	3.5	3.8	4.7	6.0	1.8	5.2
Intentional self-harm (suicide)	2.2	2.6	2.1	2.7	1.7	4.3	3.8	1.9	2.2	2.2	3.5	1.9	2.3	1.7	2.8	1.7
Chronic liver disease and cirrhosis	2.1	4.0	1.7	4.7	4.1	3.2	1.9	4.8	1.7	2.6	4.1	1.9	2.6	3.0	2.4	2.4
Essential (primary) hypertension	1.8	1.1	1.0	0.7	1.3	1.8	0.0	0.0	2.1	1.5	1.4	1.4	2.3	2.7	0.9	0.9
Influenza and pneumonia	1.5	2.5	2.5	1.3	1.3	2.5	0.0	1.5	1.3	1.5	2.3	1.8	1.5	1.0	1.5	3.1
Parkinson's disease	1.3	1.1	0.9	1.1	0.6	0.7	0.0	0.7	1.4	0.6	0.7	1.2	1.4	0.7	1.6	1.3
Nephritis	0.9	1.5	2.5	1.2	1.7	3.2	0.0	0.7	0.5	1.4	1.8	1.1	1.2	0.0	0.8	1.3
Septicemia	0.9	1.1	2.2	0.9	0.8	2.2	0.0	0.0	0.6	1.2	1.6	1.2	1.1	1.0	0.7	2.6
Assault (homicide)	0.7	1.4	0.4	0.9	0.7	0.0	0.0	1.1	0.8	0.6	1.1	0.6	0.7	0.7	0.2	0.7
HIV disease	0.2	0.0	0.1	0.1	0.1	0.0	0.0	0.4	0.2	0.1	0.0	0.2	0.2	0.0	0.0	0.1
INJURY BY FIREARMS	1.9	1.1	2.0	1.5	1.0	2.5	0.0	2.6	2.0	2.0	2.4	1.6	2.2	1.0	1.8	1.5
DRUG-INDUCED DEATHS	2.6	0.8	1.9	2.3	2.8	2.5	0.0	2.6	2.6	2.0	3.3	2.7	2.0	1.3	2.4	2.7
OPIOID-INDUCED DEATHS**	1.3	0.5	1.3	0.7	0.7	0.7	0.0	2.2	1.4	1.1	0.6	1.7	1.0	1.3	0.6	0.0
ALCOHOL-INDUCED DEATHS	2.3	8.9	1.4	7.5	4.6	2.5	1.9	2.2	2.0	2.0	6.5	2.0	2.4	1.7	1.9	1.0

Note: ** First ever published sub-category of drug-induced deaths.

**TABLE 5E-15
MORTALITY BY FIVE-YEAR AGE GROUPS AND COUNTY OF RESIDENCE, ARIZONA, 2016**

	Total ^a	Infant's age group:													Total <1 year	100+	Unknown											
		<1 day	1-6 days	7-27 days	28- 365 days	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
ARIZONA	56,480	160+	80+	60+	150+	450+	120+	50+	60+	250+	510+	600+	720+	850+	1,442	2,181	3,160+	4,130+	5,238	5,875	6,440+	7,059	7,841	5,960+	2,360+	410+	10+	
Apache	653	*	0	*	9	20+	*	*	7	16	18	17	20	36	43	39	40	62	55	59	80	62	43	9	*	0		
Cochise	1,342	*	0	0	*	10+	*	0	*	9	9	11	17	15	27	40	64	80	148	151	179	184	190	136	60	8	0	
Coconino	857	*	*	*	*	10+	*	*	7	18	19	19	26	17	34	48	53	79	91	80	72	100	87	61	23	8	0	
Gila	832	*	0	*	0	0+	*	*	0	0	10	12	11	10	19	26	55	73	97	101	103	102	93	61	37	*	0	
Graham	278	*	0	0	0	0+	0	*	*	6	7	*	*	*	14	9	16	25	24	29	29	33	39	21	9	*	0	
Greenlee	52	0	0	0	0	0	0	0	0	0	0	0	*	*	0	0	*	*	10	6	*	6	8	*	*	0	0	
La Paz	270	0	0	0	*	0+	0	0	0	*	*	*	*	6	10	14	17	22	30	43	44	31	22	15	*	0	0	
Maricopa	30,311	104	62	41	84	291	67	33	41	149	282	333	402	396	473	793	1,188	1,705	2,201	2,644	2,969	3,298	3,737	4,369	3,359	1,349	232	0
Mohave	3,181	*	*	*	*	10+	*	0	*	9	14	19	21	32	55	108	189	255	360	426	448	431	417	251	80	20	0	
Navajo	1,010	*	*	*	*	10+	*	*	*	7	17	23	33	28	40	51	58	77	95	108	113	109	100	82	29	*	0	
Pima	9,492	17	7	6	23	53	21	*	*	34	80	99	112	109	212	351	496	663	841	956	1,048	1,189	1,373	1,145	490	88	*	
Pinal	2,991	*	*	*	14	20+	6	*	*	8	24	29	26	56	95	107	163	253	352	406	376	367	340	213	77	10	0	
Santa Cruz	301	*	0	0	*	0+	*	0	*	*	*	0	*	*	6	8	10	17	16	32	49	42	54	30	16	*	0	
Yavapai	2,955	*	*	*	*	10+	*	*	*	7	13	19	20	16	32	43	75	149	289	320	381	394	457	374	139	24	0	
Yuma	1,506	6	*	*	*	10+	*	0	*	8	12	11	17	22	16	29	57	83	133	156	217	229	210	151	40	6	*	
Unknown	449	6	*	*	*	10+	0	*	0	*	6	6	12	15	29	56	59	63	46	37	23	25	20	12	*	*	*	

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 COUNTY OF RESIDENCE, ARIZONA, 2006-2016**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA	642	701	625	547	519	504	495	447	535	473	454
Apache	6	6	13	11	7	9	*	10	16	10	15
Cochise	17	16	11	10	15	9	9	13	8	12	6
Coconino	10	13	11	6	15	7	9	10	8	10	10
Gila	*	10	*	*	7	7	*	*	*	*	*
Graham	*	7	6	*	*	*	*	*	*	*	*
Greenlee	0	0	*	0	*	*	0	*	*	0	0
La Paz	*	*	*	*	*	*	*	*	*	*	*
Maricopa	406	422	382	329	312	310	323	285	342	291	291
Mohave	18	17	8	12	11	18	*	6	14	16	9
Navajo	9	22	17	9	9	14	14	7	11	13	*
Pima	100	100	97	81	74	57	59	58	65	48	53
Pinal	29	39	33	39	20	26	26	18	29	26	23
Santa Cruz	*	*	*	*	11	*	6	*	*	*	*
Yavapai	19	19	9	15	10	7	10	8	11	13	11
Yuma	18	24	26	20	20	27	18	18	18	23	14
Unknown	0	0	*	*	*	*	*	*	*	*	9

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

**TABLE 5E-17
INFANT MORTALITY RATES^a BY COUNTY OF RESIDENCE, ARIZONA, 2006-2016**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA	6.3	6.8	6.3	5.9	6.0	5.9	5.8	5.3	6.2	5.6	5.4
Apache	5.0	5.2	10.7	8.9	6.4	8.4	**	10.5	15.7	10.5	14.7
Cochise	9.4	8.6	6.2	5.4	8.4	5.4	5.3	8.1	4.9	7.7	3.9
Coconino	4.8	6.1	5.5	3.2	8.5	4.0	5.3	6.2	4.7	6.3	6.2
Gila	**	14.4	**	**	10.4	11.3	**	**	**	**	**
Graham	**	12.0	9.3	**	**	**	**	**	**	**	**
Greenlee	0.0	0.0	**	0.0	**	**	0.0	**	**	0.0	0.0
La Paz	**	**	**	**	**	**	**	**	**	**	**
Maricopa	6.1	6.4	6.1	5.7	5.8	5.8	5.9	5.3	6.2	5.3	5.4
Mohave	7.3	7.0	3.5	5.4	5.4	9.2	**	3.4	7.6	8.7	5.0
Navajo	4.8	10.9	8.7	4.8	5.2	8.5	8.6	4.5	6.8	8.6	**
Pima	7.2	7.2	7.2	6.3	6.1	4.8	5.0	4.8	5.5	4.2	4.6
Pinal	6.5	7.4	5.8	7.3	4.0	5.6	5.6	3.9	6.5	5.8	5.1
Santa Cruz	**	**	**	**	15.9	**	8.9	**	**	**	**
Yavapai	8.0	7.9	4.1	7.3	5.5	3.8	5.6	4.4	5.7	6.9	5.9
Yuma	5.4	7.4	7.7	6.2	6.2	8.4	5.8	5.8	5.9	7.6	4.7

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, 2016**

	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	454	250	204	150+	90+	60+	200+	110+	90+	50+	20+	30+	40+	20+	20+	10+	10+	
Apache	15	6	9	0+	*	0	0	0	0	0	0	0	10+	*	9	0	0	
Cochise	6	*	*	0+	*	*	0+	0	*	0	0	0	0	0	0	0	0	
Coconino	10	6	*	0+	*	*	0+	0	*	0	0	0	10+	*	*	0	0	
Gila	3	*	*	0+	0	*	0+	0	*	0	0	0	0+	*	0	0	0	
Graham	2	*	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	
La Paz	1	*	0	0	0	0	0+	*	0	0	0	0	0	0	0	0	0	
Maricopa	291	167	124	82	49	33	148	87	61	43	20	23	10+	*	*	12	6	
Mohave	9	*	*	10+	*	*	0+	0	*	0	0	0	0+	*	*	0	0	
Navajo	5	*	*	0	0	0	0	0	0	0	0	0	10+	*	*	0	0	
Pima	53	32	21	20+	16	*	25	12	13	0+	*	*	0+	*	*	0+	*	
Pinal	23	9	14	10+	*	*	10+	*	6	0+	*	*	0+	0	*	0	0	
Santa Cruz	2	*	*	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	
Yuma	14	8	6	0+	*	*	10+	*	*	0	0	0	0	0	0	0	0	
Unknown	9	*	7	10+	*	7	0	0	0	0	0	0	0+	*	0	0	0	

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

TABLE 5E-19
LEADING CAUSES OF INFANT DEATH BY COUNTY OF RESIDENCE, ARIZONA, 2016

	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	210†	*	*	*	*	*	0	0	144	*	*	23	7	*	*	7	6
Short gestation and low birth weight	60†	*	*	0	*	*	0	0	36	*	*	6	*	0	*	*	*
Maternal complications	30†	0	0	0	0	*	0	0	19	0	0	*	0	0	*	*	*
Complications of placenta, cord and membrane	30†	0	0	*	0	0	0	0	17	0	0	*	*	*	0	*	*
Bacterial sepsis of newborn	20†	0	0	0	*	0	0	0	11	0	0	*	*	0	0	0	0
Other respiratory condition	10†	0	0	*	0	0	0	0	*	0	0	*	0	0	0	0	0
Intrauterine hypoxia or birth asphyxia	10†	0	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	0
Congenital malformations	110†	6	*	*	0	0	0	0	70	*	*	8	*	0	*	*	*
of heart	20†	*	0	*	0	0	0	0	13	*	0	0	*	0	0	0	0
of brain, spinal cord or nervous system	10†	*	0	0	0	0	0	0	9	0	0	*	0	0	0	*	0
of respiratory system	10†	0	0	*	0	0	0	0	*	0	0	0	0	0	*	0	0
Other ill-defined and unspecified causes of mortality	70†	*	*	*	0	0	0	*	34	*	*	13	7	0	*	*	*
Accidents (unintentional injury)	20†	*	*	0	0	0	0	0	7	0	0	*	*	0	0	*	0
Mechanical suffocation	10†	0	*	0	0	0	0	0	*	0	0	*	*	0	0	*	0
Motor vehicle accidents	0†	*	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Certain infectious and parasitic diseases	10†	*	0	0	0	0	0	0	6	0	0	*	0	0	0	0	0
Sudden infant death syndrome	10†	0	0	0	0	0	0	0	*	*	0	0	*	0	0	0	0
Events of undetermined intent	10†	0	0	*	0	0	0	0	*	0	0	0	0	0	0	0	0
Diseases of the circulatory system	10†	0	0	0	0	0	0	0	*	0	0	0	0	0	*	0	0
Diseases of the nervous system	0†	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0
Influenza and pneumonia	0†	*	0	0	0	0	0	0	*	*	0	*	0	0	0	0	0
Assault (homicide)	0†	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0
Diseases of the digestive system	0†	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0
Total, all causes^a	454	15	6	10	*	*	0	*	291	9	*	53	23	*	11	14	9

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, 2006-2016**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA^a	202	222	206	186	189	173	163	158	181	179	153
Apache	*	*	7	6	*	*	*	6	*	*	9
Cochise	*	6	*	*	*	*	*	*	*	*	*
Coconino	*	*	*	*	*	*	0	*	*	*	*
Gila	*	0	*	*	*	*	*	*	*	*	0
Graham	0	*	*	0	0	0	*	*	*	0	0
Greenlee	0	0	*	0	*	0	0	*	*	0	0
La Paz	0	*	*	*	*	*	*	0	0	*	*
Maricopa	128	129	124	108	114	105	107	96	118	112	84
Mohave	*	7	*	*	*	*	*	*	*	9	*
Navajo	*	12	10	6	*	8	6	*	*	7	*
Pima	31	28	32	25	28	14	19	25	23	17	23
Pinal	9	10	10	15	8	8	8	8	10	11	14
Santa Cruz	*	*	*	0	*	*	*	0	0	0	*
Yavapai	7	9	*	*	*	*	*	*	*	*	*
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 , 2006-2016**

County	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA	2.0	2.2	2.1	2.0	2.2	2.0	1.9	1.9	2.1	2.1	1.8
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	0.0
Greenlee	0.0	0.0	**	0.0	**	0.0	0.0	**	**	0.0	0.0
La Paz	0.0	**	**	**	**	**	**	0.0	0.0	**	**
Maricopa	1.9	2.0	2.0	1.9	2.1	2.0	2.0	1.8	2.1	2.1	1.6
Mohave	**	2.9	**	**	**	**	**	**	**	4.9	**
Navajo	**	6.0	5.1	3.2	**	4.9	3.7	**	**	4.6	**
Pima	2.2	2.0	2.4	1.9	2.3	1.2	1.6	2.1	1.9	1.5	2.0
Pinal	2.0	1.9	1.7	2.8	1.6	1.7	1.7	1.8	2.2	2.5	3.1
Santa Cruz	**	**	**	0.0	**	**	**	0.0	0.0	0.0	**
Yavapai	2.9	3.7	**	**	**	**	**	**	**	**	**
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, 2006-2016**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA^a	440	479	419	361	330	331	332	289	354	294	301
Apache	*	*	6	*	*	*	*	*	12	6	6
Cochise	12	10	9	6	14	*	7	11	6	10	*
Coconino	8	9	6	*	10	*	9	7	*	*	8
Gila	*	10	*	*	*	*	*	*	*	*	*
Graham	*	*	*	*	*	*	*	*	*	*	*
Greenlee	0	0	0	0	0	*	0	0	*	0	0
La Paz	*	0	*	*	*	0	*	*	*	0	0
Maricopa	278	293	258	221	198	205	216	189	224	179	207
Mohave	13	10	7	9	7	13	*	*	10	7	*
Navajo	*	10	7	*	*	6	8	*	7	6	*
Pima	69	72	65	56	46	43	40	33	42	31	30
Pinal	20	29	23	24	12	18	18	10	19	15	9
Santa Cruz	*	*	*	*	7	*	*	*	*	*	*
Yavapai	12	10	7	11	*	*	7	*	9	9	7
Yuma	13	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. Due to typographical error in 2015 report, counts from La Paz to Yuma have been updated accordingly.

**TABLE 5E-23
NEONATAL MORTALITY RATE^a BY COUNTY OF RESIDENCE, ARIZONA, 2006-2016**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA	4.3	4.7	4.2	3.9	3.8	3.9	3.9	3.4	4.1	3.5	3.6
Apache	**	**	5.0	**	**	**	**	**	11.8	6.3	5.9
Cochise	6.6	5.4	5.1	3.3	7.9	**	4.1	6.8	3.7	6.4	**
Cocconino	3.9	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	0.0
La Paz	**	0.0	**	**	**	0.0	**	**	**	0.0	0.0
Maricopa	4.2	4.4	4.1	3.8	3.7	3.8	4.0	3.5	4.1	3.3	3.8
Mohave	5.3	4.1	3.0	4.1	3.5	6.6	**	**	5.5	3.8	**
Navajo	**	5.0	3.6	**	**	3.7	4.9	**	4.4	4.0	**
Pima	5.0	5.2	4.8	4.4	3.8	3.6	3.4	2.8	3.5	2.7	2.6
Pinal	4.5	5.5	4.0	4.5	2.4	3.9	3.9	2.2	4.2	3.4	2.0
Santa Cruz	**	**	**	**	10.1	**	**	**	**	**	**
Yavapai	5.0	4.1	3.2	5.3	**	**	3.9	**	4.6	4.8	3.7
Yuma	3.9	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, 2016**

	County of residence														
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Accidents (unintentional injury)	73	*	*	0	0	0	0	0	42	*	*	*	*	0	*
Motor vehicle accidents	43	*	*	0	0	0	0	21	*	*	*	*	*	0	*
Accidental drowning and submersion	20	0	0	0	0	0	0	15	0	0	*	*	0	0	*
Malignant neoplasms	18	0	0	*	0	0	0	11	0	0	*	0	0	*	*
Leukemia	7	0	0	0	0	0	0	*	0	0	*	0	0	*	0
Assault (homicide)	14	0	0	*	0	0	0	10	*	0	*	0	0	0	0
By other means	9	0	0	*	0	0	0	*	*	0	*	0	0	0	0
By discharge of firearms	5	0	0	0	0	0	0	*	0	0	0	0	0	0	0
Congenital malformations	11	0	0	0	0	0	0	6	0	*	*	0	0	0	0
Intentional self-harm (suicide)	9	0	0	*	0	0	0	6	*	*	0	0	0	0	0
Influenza and pneumonia	6	0	0	0	0	0	0	*	0	*	*	0	0	0	0
Chronic lower respiratory disease	4	0	0	0	0	0	0	*	0	0	*	0	*	0	0
Asthma	2	0	0	0	0	0	0	*	0	0	*	0	0	0	0
Total, all causes^a	231	10	*	*	*	0	0	141	*	7	29	11	*	*	*

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, 2016**

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)	5.8	43.3	**	**	0.0	0.0	0.0	0.0	5.3	**	**	**	**	**	0.0	**
Motor vehicle accidents	3.4	37.2	**	**	0.0	0.0	0.0	2.6	**	**	**	**	**	**	0.0	**
Accidental drowning and submersion	1.6	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	**	**	0.0	0.0	0.0	**
Malignant neoplasms	1.4	0.0	0.0	**	0.0	0.0	0.0	1.4	0.0	0.0	**	**	0.0	0.0	**	**
Leukemia	0.6	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	**	**	0.0	0.0	**	0.0
Assault (homicide)	1.1	0.0	0.0	0.0	**	0.0	0.0	1.3	**	0.0	**	**	0.0	0.0	0.0	0.0
By other means	0.7	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	**	**	0.0	0.0	0.0	0.0
By discharge of firearms	0.4	0.0	0.0	0.0	**	0.0	0.0	**	**	0.0	**	**	0.0	0.0	0.0	0.0
Congenital malformations	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	**	**	**	0.0	0.0	0.0	0.0
Intentional self-harm (suicide)	0.7	0.0	0.0	**	0.0	0.0	0.0	0.8	**	**	**	0.0	0.0	0.0	0.0	0.0
Influenza and pneumonia	0.5	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	0.3	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	**	**	0.0	**	0.0	0.0
Asthma	0.2	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	**	**	0.0	0.0	0.0	0.0
Total, all causes	18.3	61.9	**	**	0.0	0.0	0.0	17.7	**	29.6	17.1	14.2	**	**	**	**

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, 2016**

	County of residence															
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
ARIZONA																
Accidents (unintentional injury)	101	*	*	0	*	0	0	0	57	*	*	14	*	*	*	0
Motor vehicle accidents	57	*	*	0	0	0	0	35	*	*	9	*	0	0	*	0
Accidental poisoning	27	0	*	0	0	0	0	14	*	0	*	*	*	*	*	0
Accidental drowning and submersion	7	*	0	0	*	0	0	*	*	0	0	0	0	*	0	0
Intentional self-harm (suicide)	56	0	*	0	*	0	0	30	*	*	10	*	0	*	*	0
By other means	32	0	0	0	*	0	0	18	*	*	*	*	0	*	*	0
By discharge of firearms	24	0	*	0	*	0	0	12	*	0	6	0	0	*	*	0
Assault (homicide)	34	*	0	0	0	0	0	26	0	0	*	0	0	0	*	*
By discharge of firearms	27	0	0	0	0	0	0	22	0	0	*	0	0	0	*	0
By other means	7	*	0	0	0	0	0	*	0	0	0	0	0	0	0	*
Malignant neoplasms	11	0	0	0	0	0	0	9	0	0	*	*	0	0	0	0
Leukemia	3	0	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
Events of undetermined intent	4	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0
Total, all causes	247	7	*	7	0	0	0	149	9	7	34	8	*	7	8	*

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, 2016**

Underlying cause of death	County of residence															
	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Accidents (unintentional injury)	21.9	**	**	**	0.0	**	0.0	0.0	20.2	**	**	20.4	**	**	**	**
Motor vehicle accidents	12.3	**	**	**	0.0	0.0	0.0	12.4	**	**	13.1	**	**	0.0	0.0	**
Accidental poisoning	5.8	0.0	0.0	**	0.0	0.0	0.0	5.0	**	0.0	**	**	**	**	**	**
Accidental drowning and submersion	1.5	**	0.0	0.0	0.0	**	0.0	**	**	0.0	0.0	0.0	0.0	0.0	**	0.0
Intentional self-harm (suicide)	12.1	0.0	**	0.0	0.0	**	0.0	10.6	**	**	14.6	**	**	0.0	**	**
By other means	6.9	0.0	0.0	0.0	0.0	**	0.0	6.4	**	**	**	**	**	0.0	**	**
By discharge of firearms	5.2	0.0	**	0.0	0.0	**	0.0	4.2	**	0.0	8.8	0.0	0.0	0.0	**	**
Assault (homicide)	7.4	**	0.0	**	0.0	0.0	0.0	9.2	0.0	0.0	**	0.0	0.0	0.0	0.0	**
By discharge of firearms	5.8	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0.0	0.0	**	0.0	0.0	0.0	0.0	**
By other means	1.5	**	0.0	**	0.0	0.0	0.0	**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms	2.4	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	**	**	**	0.0	0.0	0.0
Leukemia	0.6	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Diseases of heart	0.9	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	0.9	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	53.5	123.9	**	51.3	0.0	**	0.0	52.7	83.4	86.2	49.6	31.3	**	60.7	51.2	

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, 2016**

	ARIZONA	County of residence															
		Apache	Cochise	Cocoino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Accidents (unintentional injury)	1,109	34	20	32	18	9	*	8	580	33	46	193	60	*	23	24	24
Accidental poisoning	609	11	11	16	10	*	0	*	315	20	21	124	28	*	17	15	13
Motor vehicle accidents	378	17	8	13	*	*	*	*	202	*	17	54	30	*	*	8	6
Intentional self-harm (suicide)	463	13	*	14	*	*	*	0	264	17	17	64	20	*	21	12	*
By discharge of firearms	233	*	*	*	*	*	0	0	142	7	8	36	13	*	8	*	*
By other means	230	11	*	10	*	*	*	0	122	10	9	28	7	*	13	8	*
Malignant neoplasms	313	*	7	7	*	*	0	*	205	13	*	33	21	0	10	*	*
Malignant neoplasm of breast	55	0	*	0	0	*	0	0	32	*	0	12	*	0	0	0	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	35	0	0	*	*	*	0	0	24	*	0	*	*	0	*	*	0
Malignant neoplasm of meninges, brain and other parts of central nervous system	28	0	0	0	0	0	0	0	21	*	0	*	*	0	*	0	0
Assault (homicide)	246	*	*	*	*	0	0	*	154	7	*	35	11	0	*	8	7
By discharge of firearms	195	*	*	0	0	0	0	0	136	*	*	24	9	0	*	6	*
By other means	51	*	*	*	*	0	0	*	18	*	*	11	*	0	0	*	*
Diseases of heart	194	*	*	7	*	*	0	0	108	*	*	38	12	*	*	*	*
Chronic liver disease and cirrhosis	145	8	*	10	6	0	0	*	52	*	15	23	11	0	9	*	0
Diabetes	73	*	*	*	*	0	0	*	35	*	*	15	6	0	*	*	*
Obesity	42	0	*	*	*	0	*	0	22	*	*	*	*	0	*	*	*
Cerebrovascular disease	35	*	*	0	*	*	*	0	19	*	*	7	*	*	0	0	0
Human immunodeficiency virus (HIV) disease	28	0	*	0	0	0	0	*	17	0	0	*	*	0	*	*	0
Total, all causes	3,441	90	61	99	55	22	7	18	1,886	118	124	522	190	11	100	78	60

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, 2016**

Underlying cause of death	County of residence															
	ARIZONA	Apache	Cochise	Cocoino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Accidents (unintentional injury)	49.4	157.6	52.7	58.6	145.1	67.1	**	181.9	40.9	66.8	145.2	58.4	45.5	**	46.3	33.8
Accidental poisoning	27.1	51.0	29.0	29.3	80.6	**	0.0	**	22.2	40.5	66.3	37.5	21.2	**	34.2	21.1
Motor vehicle accidents	16.8	78.8	21.1	23.8	**	**	**	**	14.2	**	53.7	16.3	22.7	**	**	11.3
Intentional self-harm (suicide)	20.6	60.3	**	25.6	**	**	**	0.0	18.6	34.4	53.7	19.4	15.2	**	42.3	16.9
By discharge of firearms	10.4	**	**	**	**	**	0.0	0.0	10.0	14.2	25.3	10.9	9.8	**	16.1	**
By other means	10.2	51.0	**	18.3	**	**	**	0.0	8.6	20.2	28.4	8.5	5.3	**	26.2	11.3
Malignant neoplasms	13.9	**	18.5	12.8	**	**	0.0	**	14.5	26.3	**	10.0	15.9	0.0	20.1	**
Malignant neoplasm of breast	2.5	0.0	**	0.0	0.0	**	0.0	0.0	2.3	**	0.0	3.6	**	0.0	0.0	0.0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	1.6	0.0	0.0	**	**	**	0.0	0.0	1.7	**	0.0	**	**	0.0	**	**
Malignant neoplasm of meninges, brain and other parts of central nervous system	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	**	0.0	**	**	0.0	**	0.0
Assault (homicide)	11.0	**	**	**	**	0.0	0.0	**	10.9	14.2	**	10.6	8.3	0.0	**	11.3
By discharge of firearms	8.7	**	**	0.0	0.0	0.0	0.0	0.0	9.6	**	**	7.3	6.8	0.0	**	8.4
By other means	2.3	**	**	**	**	0.0	0.0	**	1.3	**	**	3.3	**	0.0	0.0	**
Diseases of heart	8.6	**	**	12.8	**	**	0.0	0.0	7.6	**	**	11.5	9.1	**	**	**
Chronic liver disease and cirrhosis	6.5	37.1	**	18.3	48.4	0.0	0.0	**	3.7	**	47.4	7.0	8.3	0.0	18.1	**
Diabetes	3.3	**	**	**	**	0.0	0.0	**	2.5	**	**	4.5	4.5	0.0	**	**
Obesity	1.9	0.0	**	**	**	0.0	**	0.0	1.6	**	**	**	**	0.0	**	**
Cerebrovascular diseases	1.6	**	**	0.0	**	**	**	0.0	1.3	**	**	2.1	**	**	0.0	0.0
Human immunodeficiency virus (HIV) disease	1.2	0.0	**	0.0	0.0	0.0	0.0	**	1.2	0.0	0.0	**	**	0.0	**	**
Total, all causes	153.3	417.1	160.8	181.3	443.5	163.9	202.7	409.4	133.0	238.7	391.5	158.0	143.9	78.1	201.3	109.7

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-30
LEADING CAUSES OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS) BY COUNTY OF RESIDENCE, ARIZONA, 2016**

	ARIZONA	County of residence															
		Apache	Cochise	Cocoino	Gila	Graham	Greelee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Malignant neoplasms	2,770	23	45	50	35	12	*	16	1,575	152	43	447	156	10	119	66	20
Malignant neoplasm of trachea, bronchus and lung	545	6	*	9	*	*	0	*	299	43	10	89	28	*	22	15	8
Malignant neoplasm of colon, rectum, and anus	276	*	10	*	*	*	0	*	171	12	*	32	12	0	9	12	*
Malignant neoplasm of breast	261	*	*	*	*	*	0	*	160	11	*	42	11	*	11	*	*
Malignant neoplasm of pancreas	225	*	*	*	*	0	0	0	132	7	*	37	22	0	6	*	*
Diseases of heart	1,939	15	39	27	40	13	*	16	1,015	161	39	313	106	6	80	37	30
Accidents (unintentional injury)	1,137	32	20	34	15	*	0	6	624	50	29	149	49	6	34	26	59
Accidental poisoning	538	15	10	11	*	*	0	*	297	21	13	72	21	*	16	17	33
Motor vehicle accidents	302	10	8	11	*	*	0	*	166	15	6	34	16	*	11	*	11
Falls	114	0	*	*	*	0	0	*	60	*	7	25	*	*	6	0	*
Chronic liver disease and cirrhosis	602	10	12	21	14	8	*	6	279	41	20	90	32	*	33	18	13
Diabetes	576	9	10	7	*	7	*	*	328	23	7	92	38	*	11	22	10
Chronic lower respiratory disease	468	*	17	*	11	*	0	*	259	21	7	60	32	0	35	7	6
Intentional self-harm (suicide)	441	*	6	6	*	*	*	*	244	22	8	67	27	*	28	7	8
By discharge of firearms	260	*	*	*	*	*	0	*	144	15	*	37	20	*	14	*	*
By other means	181	*	*	*	0	*	*	0	100	7	*	30	7	*	14	*	*
Cerebrovascular disease	258	*	*	6	7	*	0	*	151	9	*	35	12	0	11	15	*
Essential (primary) hypertension and hypertensive renal disease	165	*	0	*	*	0	0	0	101	8	*	23	16	0	*	*	*
Influenza and pneumonia	151	*	7	*	*	*	0	0	63	9	*	31	7	0	*	12	*
Viral hepatitis	149	*	*	*	*	0	0	0	83	8	*	23	15	0	*	*	*
Septicemia	109	*	6	*	0	*	0	0	30	6	*	27	10	*	*	12	*
Assault (homicide)	92	*	*	*	*	0	0	0	45	*	6	14	8	*	0	*	*
By discharge of firearms	59	*	*	*	0	0	0	0	34	*	*	7	*	0	0	*	*
By other means	33	*	0	*	*	0	0	0	11	*	*	7	*	*	0	0	0
Nephritis, nephrotic syndrome and nephrosis	70	*	*	*	*	*	0	0	20	7	*	17	6	0	*	*	0
Human immunodeficiency virus (HIV) disease	60	0	0	0	*	0	0	0	37	*	0	14	*	0	0	0	*
Total, all causes	10,911	158	211	214	173	64	7	63	5,887	607	226	1,722	618	41	455	258	207

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

**TABLE 5E-31
RATES^a FOR THE LEADING CAUSES OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS) BY COUNTY OF RESIDENCE,
ARIZONA, 2016**

Underlying cause of death	County of residence															
	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Malignant neoplasms	167.0	130.5	140.0	153.9	234.9	147.8	**	323.2	157.7	262.8	158.3	181.7	164.7	79.6	185.3	146.9
Malignant neoplasm of trachea, bronchus and lung	32.9	34.0	**	27.7	**	**	0.0	**	29.9	74.3	36.8	36.2	29.6	**	34.3	33.4
Malignant neoplasm of breast	15.7	**	**	**	**	**	0.0	**	16.0	19.0	**	17.1	11.6	**	17.1	**
Malignant neoplasm of colon, rectum, and anus	16.6	**	31.1	**	**	**	0.0	**	17.1	20.7	**	13.0	12.7	0.0	14.0	26.7
Malignant neoplasm of pancreas	13.6	**	**	**	**	0.0	0.0	0.0	13.2	12.1	**	15.0	23.2	0.0	9.3	**
Diseases of heart	116.9	85.1	121.3	83.1	268.5	160.1	**	323.2	101.7	278.3	143.5	127.2	111.9	47.8	124.6	82.4
Accidents (unintentional injury)	68.5	181.5	62.2	104.7	100.7	**	0.0	121.2	62.5	86.4	106.7	60.6	51.7	47.8	52.9	57.9
Accidental poisoning	32.4	85.1	31.1	33.9	**	**	0.0	**	29.7	36.3	47.8	29.3	22.2	**	24.9	37.8
Motor vehicle accidents	18.2	56.7	24.9	33.9	**	**	0.0	**	16.6	25.9	22.1	13.8	16.9	**	17.1	**
Falls	6.9	0.0	**	**	**	0.0	0.0	**	6.0	**	25.8	10.2	**	**	9.3	0.0
Chronic liver disease and cirrhosis	36.3	56.7	37.3	64.6	94.0	98.5	**	121.2	27.9	70.9	73.6	36.6	33.8	**	51.4	40.1
Diabetes	34.7	51.1	31.1	21.5	**	86.2	**	**	32.8	39.8	25.8	37.4	40.1	**	17.1	49.0
Chronic lower respiratory disease	28.2	**	52.9	**	73.8	**	0.0	**	25.9	36.3	25.8	24.4	33.8	0.0	54.5	15.6
Intentional self-harm (suicide)	26.6	**	18.7	18.5	**	**	**	**	24.4	38.0	29.4	27.2	28.5	**	43.6	15.6
By discharge of firearms	15.7	**	**	**	**	**	0.0	**	14.4	25.9	**	15.0	21.1	**	21.8	**
By other means	10.9	**	**	**	0.0	**	**	0.0	10.0	12.1	**	12.2	7.4	**	21.8	**
Cerebrovascular disease	15.6	**	**	18.5	47.0	**	0.0	**	15.1	15.6	**	14.2	12.7	0.0	17.1	33.4
Essential (primary) hypertension and hypertensive renal disease	9.9	**	0.0	**	**	0.0	0.0	0.0	10.1	13.8	**	9.3	16.9	0.0	**	**
Influenza and pneumonia	9.1	**	21.8	**	**	**	0.0	0.0	6.3	15.6	**	12.6	7.4	0.0	**	26.7
Viral hepatitis	9.0	**	**	**	**	0.0	0.0	0.0	8.3	13.8	**	9.3	15.8	0.0	**	**
Septicemia	6.6	**	18.7	**	0.0	**	0.0	0.0	3.0	10.4	**	11.0	10.6	**	**	26.7
Assault (homicide)	5.5	**	**	**	**	0.0	0.0	0.0	4.5	**	22.1	5.7	8.4	**	0.0	**
By discharge of firearms	3.6	**	**	**	0.0	0.0	0.0	0.0	3.4	**	**	2.8	**	0.0	0.0	**
By other means	2.0	**	0.0	**	**	0.0	0.0	0.0	1.1	**	**	2.8	**	**	0.0	0.0
Nephritis, nephrotic syndrome and nephrosis	4.2	**	**	**	**	**	0.0	0.0	2.0	12.1	**	6.9	6.3	0.0	**	**
Human immunodeficiency virus (HIV) disease	3.6	0.0	0.0	0.0	**	0.0	0.0	0.0	3.7	**	0.0	5.7	**	0.0	0.0	0.0
Total, all causes	657.8	896.3	656.5	658.7	1161.2	788.3	281.8	1272.5	589.6	1049.4	831.7	699.8	652.6	326.4	708.4	574.3

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, 2016**

	County of residence																
	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Diseases of heart	9,673	85	240	120	167	41	12	52	4,951	737	142	1,725	481	61	516	304	39
Malignant neoplasms	8,686	59	255	108	116	40	7	42	4,634	571	131	1,402	500	46	525	221	29
Malignant neoplasm of trachea, bronchus and lung	2,132	8	65	19	18	6	*	16	1,122	190	21	332	130	8	126	60	9
Malignant neoplasm of lymphoid, hematopoietic and related tissue	889	*	15	9	13	*	*	*	518	42	11	140	42	*	59	22	*
Malignant neoplasm of colon, rectum, and anus	756	*	28	13	*	*	0	*	405	54	16	120	38	*	38	24	*
Malignant neoplasm of pancreas	666	6	21	14	12	*	0	*	378	29	8	97	40	*	36	11	*
Malignant neoplasm of prostate	631	*	20	6	11	*	*	*	330	35	13	108	38	*	36	19	*
Malignant neoplasm of breast	537	*	14	*	8	*	0	0	300	47	6	82	18	*	40	8	*
Chronic lower respiratory disease	3,286	15	81	38	54	15	*	15	1,784	197	50	493	206	12	232	69	20
Alzheimer's disease	3,048	12	41	34	22	8	*	8	1,818	116	27	567	115	18	198	54	8
Cerebrovascular disease	2,236	20	56	31	32	16	*	13	1,154	105	25	418	110	17	151	82	*
Accidents (unintentional injury)	1,463	17	24	19	23	*	*	12	775	65	23	279	47	9	100	51	16
Falls	973	*	14	9	14	0	*	*	561	36	12	188	28	8	68	22	*
Motor vehicle accidents	185	*	*	*	*	*	0	*	86	8	*	32	9	*	16	8	7
Diabetes	1,362	25	23	16	24	7	*	8	700	60	25	256	97	16	40	56	7
Essential (primary) hypertension and hypertensive renal disease	831	6	13	*	9	*	0	0	538	39	9	110	50	8	24	13	*
Parkinson's disease	697	7	11	9	*	*	0	*	412	18	6	113	43	*	45	19	*
Influenza and pneumonia	670	10	24	7	9	*	0	*	315	36	18	132	33	*	38	34	*
Nephritis, nephrotic syndrome and nephrosis	403	8	32	9	11	6	0	*	136	39	13	81	27	0	20	16	*
Septicemia	368	*	23	*	6	*	0	0	139	29	12	82	23	*	15	23	*
Total, all causes	41,189	373	1,056	522	597	186	38	188	21,957	2,433	641	7,130	2,141	241	2,378	1,142	166

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, 2016**

Underlying cause of death	ARIZONA	County of residence														
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Diseases of heart	861.8	844.2	904.9	735.0	1118.4	842.1	974.0	658.4	841.2	1293.0	781.2	925.3	610.3	730.7	805.8	774.8
Malignant neoplasms	773.8	586.0	961.5	661.5	776.9	821.5	568.2	531.8	787.3	1001.8	720.7	752.0	634.4	551.0	819.9	563.2
Malignant neoplasm of trachea, bronchus and lung	189.9	79.5	245.1	116.4	120.5	123.2	**	202.6	190.6	333.3	115.5	178.1	165.0	95.8	196.8	152.9
Malignant neoplasm of lymphoid, hematopoietic and related tissue	79.2	**	56.6	55.1	87.1	**	**	**	88.0	73.7	60.5	75.1	53.3	**	92.1	56.1
Malignant neoplasm of colon, rectum, and anus	67.4	**	105.6	79.6	**	**	0.0	**	68.8	94.7	88.0	64.4	48.2	**	59.3	61.2
Malignant neoplasm of pancreas	59.3	59.6	79.2	85.7	80.4	**	0.0	**	64.2	50.9	44.0	52.0	50.8	**	56.2	28.0
Malignant neoplasm of prostate ^b	122.0	**	157.4	77.2	152.2	**	**	**	124.5	123.8	152.0	128.0	99.4	**	117.3	100.9
Malignant neoplasm of breast	47.8	**	52.8	**	53.6	**	0.0	0.0	51.0	82.5	33.0	44.0	22.8	**	62.5	20.4
Chronic lower respiratory disease	292.8	149.0	305.4	232.7	361.6	308.1	**	189.9	303.1	345.6	275.1	264.4	261.4	143.7	362.3	175.8
Alzheimer's disease	271.5	119.2	154.6	208.2	147.3	164.3	**	101.3	308.9	203.5	148.5	304.1	145.9	215.6	309.2	137.6
Cerebrovascular disease	199.2	198.6	211.2	189.9	214.3	328.6	**	164.6	196.1	184.2	137.5	224.2	139.6	203.6	235.8	209.0
Accidents (unintentional injury)	130.3	168.8	90.5	116.4	154.0	**	**	151.9	131.7	114.0	126.5	149.7	59.6	107.8	156.2	130.0
Falls	86.7	**	52.8	55.1	93.8	0.0	**	**	95.3	63.2	66.0	100.8	35.5	95.8	106.2	56.1
Motor vehicle accidents	16.5	**	**	**	**	**	0.0	**	14.6	14.0	**	17.2	11.4	**	25.0	20.4
Diabetes	121.3	248.3	86.7	98.0	160.7	143.8	**	101.3	118.9	105.3	137.5	137.3	123.1	191.7	62.5	142.7
Essential (primary) hypertension and hypertensive renal disease	74.0	59.6	49.0	**	60.3	**	0.0	0.0	91.4	68.4	49.5	59.0	63.4	95.8	37.5	33.1
Parkinson's disease	62.1	69.5	41.5	55.1	**	**	0.0	**	70.0	31.6	33.0	60.6	54.6	**	70.3	48.4
Influenza and pneumonia	59.7	99.3	90.5	42.9	60.3	**	0.0	**	53.5	63.2	99.0	70.8	41.9	**	59.3	86.7
Nephritis, nephrotic syndrome and nephrosis	35.9	79.5	120.7	55.1	73.7	123.2	0.0	**	23.1	68.4	71.5	43.4	34.3	0.0	31.2	40.8
Septicemia	32.8	**	86.7	**	40.2	**	0.0	0.0	23.6	50.9	66.0	44.0	29.2	**	23.4	58.6
Total, all causes	3669.5	3704.4	3981.8	3197.2	3998.1	3820.1	3084.4	2380.3	3730.6	4268.4	3526.4	3824.5	2716.7	2886.9	3713.7	2910.4

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, 2016

Disease	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Marticopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Vaccine Preventable																
Measles	30†	0	0	0	0	0	0	0	*	0	0	0	30	0	0	0
Mumps	10†	0	0	*	0	0	0	0	*	0	0	*	*	0	0	0
Pertussis	290†	*	7	*	*	*	0	*	201	*	0	25	11	0	22	*
Pertussis confirmed cases	150†	*	0	0	*	0	0	*	129	0	0	12	*	0	*	*
Rubella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Congenital Rubella Syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Haemophilus influenzae</i> type b (invasive, age < 5 years)	0†	*	0	0	*	0	0	0	0	0	*	0	0	0	0	0
Varicella (chickenpox)	280†	6	*	0	*	*	0	*	156	*	8	35	22	0	24	16
Central Nervous System																
Aseptic Meningitis	150†	*	0	*	0	0	0	0	123	*	*	11	*	0	0	*
Meningococcal Disease	0†	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
Enteritides																
Amebiasis	10†	0	*	0	0	0	0	0	*	0	0	*	0	*	0	0
Campylobacteriosis	1,240†	32	43	28	21	10	*	*	675	12	47	212	47	13	52	45
Cholera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cryptosporidiosis	550†	0	0	24	*	0	0	0	454	7	0	29	13	*	15	*
<i>E. coli</i> O157:H7	150†	0	*	*	*	0	*	*	87	*	*	29	9	*	*	*
Giardiasis	130†	0	9	6	*	*	0	0	71	*	*	16	*	*	7	*
Salmonellosis (except <i>S. Typhi</i> and <i>S. Paratyphi</i>)	900†	14	17	23	14	12	0	*	448	14	27	170	71	16	34	35
<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	20†	0	0	0	0	0	0	0	14	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	1,230†	50	*	*	20	*	0	13	952	*	34	71	50	8	*	17
Typhoid Fever	10†	0	0	0	0	0	0	0	8	0	0	0	*	0	0	0
Mycosis																
Coccidioidomycosis (Valley Fever)	6,100†	16	31	42	33	17	*	12	4,392	48	33	895	496	10	55	18
Hepatitides																
Hepatitis A	50†	*	*	0	*	0	0	*	14	*	*	14	*	*	0	*
Hepatitis B (acute)	20†	0	0	*	0	0	0	0	6	*	0	6	*	0	0	0
Hepatitis B, Perinatal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hepatitis C (acute)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hepatitis D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hepatitis E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tuberculosis																
Pulmonary TB	150†	*	*	*	*	*	0	*	75	*	*	21	28	0	*	11
Total TB	190†	*	*	*	*	*	0	*	93	*	*	25	38	*	*	13

**TABLE 5F-1 (continued)
NUMBER OF REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY CATEGORY FOR EACH COUNTY, ARIZONA, 2016**

Disease	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Sexually Transmitted (Arizona total within disease category includes unknown county frequency counts)	10,330	94	62	175	24	22	6	29	7,701	146	207	1,145	385	21	72	241
Gonorrhea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gonococcal PID	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
Syphilis (primary and secondary)	720†	7	*	7	*	0	0	0	542	0	*	108	32	*	6	*
Syphilis-Total	1,900†	23	15	17	11	12	*	*	1,414	30	10	232	87	15	7	*
Chlamydia	34,923	673	425	1,048	161	124	33	76	22,134	434	806	5,819	1,433	200	476	1,081
Zoonoses/Vectorborne																
Brucellosis	0†	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0
Colorado Tick Fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dengue	10†	0	0	0	0	0	0	0	12	0	0	*	0	0	0	0
Ehrlichiosis	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
Human Rabies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyme Disease	10†	0	0	*	0	0	0	0	*	0	0	*	*	0	*	0
Malaria	40†	0	0	0	0	0	0	0	31	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	20†	*	0	0	14	0	0	0	0	0	*	7	0	0	0	0
St. Louis Encephalitis	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
West Nile Virus	80†	0	0	0	0	0	0	0	63	0	0	*	7	*	0	*
Other																
Botulism	0†	0	0	0	0	0	0	0	*	0	0	0	*	0	0	0
Legionellosis	80†	0	0	*	0	0	0	0	52	*	0	14	*	0	*	0
Listeriosis	10†	0	0	0	0	0	0	*	*	0	0	*	0	0	*	*
Methicillin Resistant <i>S. aureus</i> (invasive)	1,270†	8	36	9	23	*	*	*	692	12	20	269	80	*	42	63
Streptococcal Group A (invasive)	560†	12	8	13	7	*	0	*	328	*	10	105	25	*	21	12
Streptococcal Group B (invasive disease in infants <90 days old)	60†	0	0	*	0	0	0	0	45	*	0	6	*	0	0	*
<i>Streptococcus pneumoniae</i> (invasive)	720†	28	10	17	8	*	0	0	421	15	24	102	56	*	17	13
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
<i>Vibrio</i> spp. (except toxigenic <i>V. cholerae</i>)	20†	0	0	0	0	0	0	0	13	0	0	*	*	*	0	*
Yersiniosis (except <i>Y. pestis</i>)	10†	*	0	0	0	0	0	0	8	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 cocciidiomycosis 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, 2016

Disease	Arizona	Apache	Cochise	Cocconino	Gila	Graham	Greenlee	La Paz	Marcopla	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Vaccine Preventable																
Measles	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	0.0	7.3	0.0	0.0	0.0
Mumps	0.1	0.0	0.0	**	0.0	0.0	0.0	0.0	**	0.0	0.0	**	**	0.0	0.0	0.0
Pertussis	4.2	**	5.5	**	**	**	0.0	**	4.9	**	0.0	2.5	2.7	0.0	10.0	**
Pertussis (confirmed only)	2.3	**	0.0	0.0	**	0.0	0.0	**	3.1	0.0	0.0	1.2	**	0.0	**	**
Rubella	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Congenital Rubella Syndrome	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Haemophilus influenzae</i> b (invasive disease in children < 5 years old)	0.9	**	0.0	0.0	**	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	0.0	0.0	0.0
Varicella (chickenpox)	4.1	8.3	**	0.0	**	**	0.0	**	3.8	**	7.2	3.5	5.3	0.0	10.9	7.3
Central Nervous System																
Aseptic Meningitis	2.1	**	0.0	**	0.0	0.0	0.0	0.0	3.0	**	**	1.1	**	0.0	0.0	**
Meningococcal Disease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	**	0.0	0.0	0.0	0.0
Viral Encephalitis - Total	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
Enteritides																
Amebiasis	0.1	0.0	**	0.0	0.0	0.0	0.0	0.0	**	0.0	0.0	**	0.0	**	0.0	0.0
Campylobacteriosis	18.2	44.4	33.5	19.6	38.7	26.1	**	**	16.3	5.8	42.6	20.9	11.4	25.7	23.6	20.7
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	8.0	0.0	0.0	16.8	**	0.0	0.0	0.0	11.0	3.4	0.0	2.9	3.1	**	6.8	**
<i>E. coli</i> O157:H7	2.2	0.0	**	**	0.0	**	0.0	**	2.1	**	**	2.9	2.2	17.8	**	**
Giardiasis	1.8	0.0	7.0	4.2	**	**	0.0	0.0	1.7	**	**	1.6	**	**	3.2	**
Salmonellosis (except <i>S. Typhi</i> and <i>S. Paratyphi</i>)	13.2	19.4	13.2	16.1	25.8	31.3	0.0	**	10.8	6.8	24.5	16.8	17.2	31.6	15.4	16.1
<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
<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	18.0	69.3	**	**	36.8	**	0.0	61.2	23.0	**	30.8	7.0	12.1	15.8	**	7.8
Typhoid Fever	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	**	0.0	0.0	0.0
Mycosis																
Coccidioidomycosis (Valley Fever)	89.3	22.2	24.2	29.5	60.7	44.4	**	56.5	106.2	23.3	29.9	88.3	120.0	19.8	25.0	8.3
Hepatitides																
Hepatitis A	0.7	**	**	0.0	**	0.0	0.0	**	0.3	**	**	1.4	**	**	0.0	**
Hepatitis B (acute)	0.2	0.0	0.0	**	0.0	0.0	0.0	0.0	0.1	**	0.0	0.6	**	0.0	0.0	0.0
Hepatitis B, Perinatal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hepatitis C (acute)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hepatitis D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hepatitis E	0.0	0.0	0.0	0.0	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	2.2	**	**	**	**	**	0.0	**	1.8	**	**	2.1	6.8	0.0	**	5.1
Total TB	2.8	**	**	**	**	**	0.0	**	2.2	**	**	2.5	9.2	**	**	6.0

**TABLE 5F-2 (continued)
RATES OF REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY CATEGORY FOR EACH COUNTY, ARIZONA, 2016**

Disease	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Sexually Transmitted^a																
Gonorrhea	151.3	131.5	49.0	125.8	45.1	58.4	63.0	143.9	184.8	71.3	191.2	113.4	94.7	45.2	32.4	118.0
Gonococcal PID	0.0	0.0	0.0	0.0	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)	10.6	9.8	**	5.0	**	0.0	0.0	0.0	13.0	0.0	**	10.7	7.9	**	2.7	**
Syphilis-Total	27.9	32.2	11.9	12.2	20.7	31.9	**	**	33.9	14.7	9.2	23.0	21.4	32.3	3.1	**
Chlamydia	511.5	941.6	336.2	753.4	302.9	329.2	346.3	377.1	531.1	212.0	744.4	576.1	352.4	430.5	214.2	529.2
Zoonoses/Vectorborne																
Brucellosis	0.0	0.0	**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Colorado Tick Fever	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dengue	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	**	0.0	0.0	0.0	0.0
Ehrlichiosis	0.0	0.0	0.0	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	0.1	**	0.0	**	0.0	0.0	0.0	0.0	**	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.2	0.0	0.0	**	0.0	0.0	0.0	0.0	**	**	0.0	**	**	**	0.0	0.0
Malaria	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	**	**	0.0	0.0	0.0
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	0.3	**	0.0	0.0	25.8	0.0	0.0	0.0	0.0	0.0	**	0.7	0.0	0.0	0.0	0.0
St. Louis Encephalitis	0.0	0.0	0.0	0.0	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
West Nile Virus	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	**	1.7	**	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	0.0
Legionellosis	1.1	0.0	0.0	**	**	0.0	0.0	0.0	1.3	**	0.0	1.4	**	0.0	**	0.0
Listeriosis	0.1	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)	18.5	11.1	28.0	6.3	42.3	**	**	**	16.7	5.8	18.1	26.6	19.4	**	19.1	28.9
Streptococcal Group A (invasive)	8.1	16.6	6.2	9.1	12.9	**	0.0	**	7.9	**	9.1	10.4	6.0	**	9.5	5.5
Streptococcal Group B (invasive disease in infants <90 days old)	0.7	0.0	0.0	**	0.0	0.0	0.0	**	0.8	**	0.0	0.5	**	0.0	0.0	**
<i>Streptococcus pneumoniae</i> (invasive)	10.5	38.8	7.8	11.9	14.7	**	0.0	0.0	10.2	7.3	21.7	10.1	13.5	**	7.7	6.0
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
<i>Vibrio</i> spp. (except toxigenic <i>V. cholerae</i>)	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	**	**	**	0.0	**
Yersiniosis (except <i>Y. pestis</i>)	0.2	**	0.0	0.0	0.0	0.0	0.0	0.0	0.2	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 Streptococcal 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,
1981-2005 AND 2006-2016**

County	1981-2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Apache	47	*	*	*	9	*	8	10	7	9	10	7
Cochise	168	10	17	*	*	*	10	6	7	*	8	8
Coconino	160	*	8	6	*	11	*	*	13	12	*	11
Gila	35	0	*	*	*	*	*	0	*	*	*	*
Graham	45	*	*	0	*	*	*	0	0	*	0	0
Greenlee	*	0	0	0	0	*	0	0	0	0	0	0
La Paz	34	0	0	0	*	*	*	0	*	*	0	0
Maricopa	11,069	540	547	512	460	426	410	487	476	561	520	576
Mohave	199	9	13	11	10	19	11	*	12	*	6	9
Navajo	82	*	7	6	7	*	9	6	13	11	6	11
Pima	2,750	103	93	79	86	95	59	74	106	96	101	91
Pinal	400	43	59	49	48	38	35	20	43	33	33	39
Santa Cruz	40	*	*	0	*	0	*	*	0	*	*	*
Yavapai	195	*	10	9	7	*	6	7	9	*	7	*
Yuma	197	10	11	12	15	16	10	12	11	8	10	18
Missing	*	0	0	0	*	0	0	0	0	0	0	0
ARIZONA	15,430†	730†	780†	700†	660†	630†	570†	630†	700†	750†	710†	780†

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 (2016 volume as of 05/04/2017; 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 COUNTY OF OCCURRENCE^a, ARIZONA, 2006-2016**

County	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA	38,983	39,495	38,030	35,338	38,076	36,713	37,064	35,791	38,911	40,439	41,105
Apache	317	325	252	239	219	229	203	159	201	208	196
Cochise	971	967	836	963	956	859	709	736	751	798	746
Coconino	1,002	1,026	985	994	915	879	983	841	938	1,029	1,007
Gila	339	358	344	286	317	289	288	304	326	290	294
Graham	291	331	314	313	286	211	304	298	372	324	314
Greenlee	32	25	60	46	33	51	51	61	63	70	66
La Paz	174	147	174	76	135	117	120	112	135	111	129
Maricopa	23,379	23,964	23,183	21,347	23,127	22,748	23,552	22,519	24,411	25,454	26,294
Mohave	1,676	1,524	1,364	1,186	1,304	1,242	1,309	1,210	1,261	1,293	1,281
Navajo	519	517	491	523	579	464	492	492	504	617	414
Pima	5,786	5,705	5,620	5,392	5,972	5,591	5,291	5,419	5,956	6,003	6,000
Pinal	1,279	1,365	1,381	1,277	1,373	1,318	1,216	1,213	1,285	1,332	1,386
Santa Cruz	296	324	253	201	314	207	161	139	227	288	253
Yavapai	1,466	1,463	1,341	1,144	1,237	1,263	1,284	1,129	1,338	1,427	1,491
Yuma	1,456	1,454	1,432	1,351	1,309	1,245	1,101	1,159	1,143	1,195	1,234

Note: ^a Marriages recorded unless otherwise indicated.

**TABLE 5G-2
MARRIAGE RATES^a BY COUNTY OF OCCURRENCE, ARIZONA, 2006-2016**

County	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA	6.2	6.1	5.8	5.4	6.0	5.7	5.7	5.4	5.8	6.0	6.0
Apache	4.2	4.3	3.3	3.1	3.1	3.2	2.8	2.2	2.8	2.9	2.7
Cochise	7.2	7.0	6.0	6.8	7.3	6.6	5.4	5.6	5.8	6.2	5.8
Coconino	7.5	7.6	7.3	7.2	6.8	6.6	7.3	6.2	6.7	7.3	7.1
Gila	6.2	6.4	6.0	4.8	5.9	5.4	5.4	5.7	6.0	5.3	5.4
Graham	8.1	9.1	8.1	7.9	7.7	5.6	8.1	7.9	9.7	8.4	8.2
Greenlee	3.9	3.0	6.7	5.3	3.9	6.1	5.9	5.6	6.0	6.6	6.3
La Paz	8.1	6.7	8.1	3.5	6.6	5.6	5.7	5.3	6.4	5.2	6.1
Maricopa	6.2	6.2	5.9	5.4	6.1	5.9	6.1	5.7	6.1	6.2	6.4
Mohave	8.6	7.6	6.7	5.8	6.5	6.2	6.4	5.9	6.2	6.3	6.2
Navajo	4.6	4.5	4.3	4.5	5.4	4.3	4.6	4.5	4.6	5.6	3.7
Pima	5.9	5.7	5.5	5.3	6.1	5.7	5.3	5.4	5.9	5.9	5.9
Pinal	4.7	4.7	4.3	3.9	3.7	3.4	3.1	3.1	3.2	3.3	3.4
Santa Cruz	6.5	7.0	5.3	4.2	6.6	4.3	3.3	2.8	4.6	5.7	5.0
Yavapai	6.9	6.6	6.0	5.0	5.9	6.0	6.1	5.3	6.2	6.6	6.8
Yuma	7.4	7.2	7.0	6.6	6.7	6.2	5.4	5.5	5.4	5.6	5.7

Note: ^a Per 1,000 population.

**TABLE 5G-3
MARRIAGES BY COUNTY OF OCCURRENCE^a BY MONTH, ARIZONA, 2016**

County	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
ARIZONA	2,730 [†]	2,950 [†]	4,310 [†]	4,001	3,557	3,775	2,630 [†]	2,472	2,870 [†]	4,018	4,133	3,656	41,105
Apache	11	16	16	13	17	13	19	22	11	23	14	21	196
Cochise	61	45	66	60	69	70	68	51	57	84	60	55	746
Coconino	50	48	78	81	69	137	87	104	104	121	71	57	1,007
Gila	11	26	20	34	29	26	28	27	22	33	23	15	294
Graham	20	19	27	10	43	33	30	16	28	27	28	33	314
Greenlee	*	*	*	9	7	6	*	7	*	6	6	9	70 [†]
La Paz	14	10	9	15	12	6	8	8	*	15	12	17	130 [†]
Maricopa	1,803	1,910	2,843	2,645	2,256	2,344	1,531	1,467	1,706	2,566	2,792	2,431	26,294
Mohave	73	93	111	102	123	139	100	95	106	140	96	103	1,281
Navajo	31	11	50	18	31	38	65	35	64	27	26	18	414
Pima	382	427	664	558	531	563	385	345	455	537	603	550	6,000
Pinal	100	109	147	161	115	110	89	86	73	126	157	113	1,386
Santa Cruz	16	18	20	36	25	25	14	14	22	23	15	25	253
Yavapai	79	89	121	128	132	162	131	112	142	178	122	95	1,491
Yuma	80	125	131	131	98	103	77	83	72	112	108	114	1,234

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 COUNTY OF OCCURRENCE, ARIZONA, 2006-2016**

County	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA	24,274	24,515	24,106	23,140	22,479	25,438	28,072	26,037	26,199	24,434	23,442
Apache	90	70	60	45	72	69	57	77	73	67	62
Cochise	534	490	531	566	645	589	580	419	379	464	416
Coconino	325	268	242	260	527	392	419	382	362	365	365
Gila	202	184	196	188	208	159	172	133	165	119	157
Graham	150	152	157	167	191	134	185	156	133	162	151
Greenlee	51	50	52	54	45	39	43	45	51	48	36
La Paz	61	85	45	9	43	37	31	12	16	34	43
Maricopa	15,771	15,859	15,263	14,088	13,215	16,108	19,047	17,922	18,241	16,324	15,597
Mohave	824	851	812	715	519	653	616	409	394	579	502
Navajo	309	310	315	303	163	243	245	211	250	214	217
Pima	3,647	3,854	3,910	3,949	3,988	4,175	3,917	3,777	3,685	3,422	3,298
Pinal	651	822	888	1,051	1,103	1,102	848	617	909	906	856
Santa Cruz	158	135	139	118	132	110	84	97	98	147	151
Yavapai	810	742	826	903	905	901	1,027	786	685	750	756
Yuma	691	643	670	724	723	727	801	994	758	833	835

Note: ^a Divorces and annulments granted.

**TABLE 5G-5
DISSOLUTIONS OF MARRIAGE RATES^a BY COUNTY OF OCCURRENCE, ARIZONA, 2006-2016**

County	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARIZONA	3.9	3.8	3.7	3.5	3.5	4.0	4.3	4.0	3.9	3.6	3.4
Apache	1.2	0.9	0.8	0.6	1.0	1.0	0.8	1.1	1.0	0.9	0.9
Cochise	4.0	3.6	3.8	4.0	4.9	4.5	4.4	3.2	2.9	3.6	3.2
Coconino	2.4	2.0	1.8	1.9	3.9	2.9	3.1	2.8	2.6	2.6	2.6
Gila	3.7	3.3	3.4	3.2	3.9	3.0	3.2	2.5	3.0	2.2	2.9
Graham	4.2	4.2	4.1	4.2	5.1	3.6	5.0	4.1	3.5	4.2	3.9
Greenlee	6.2	6.1	5.8	6.2	5.3	4.7	5.0	4.1	4.9	4.5	3.5
La Paz	2.8	3.9	2.1	0.4	2.1	1.8	1.5	0.6	0.8	1.6	2.0
Maricopa	4.2	4.1	3.9	3.6	3.5	4.2	4.9	4.5	4.6	4.0	3.8
Mohave	4.2	4.2	4.0	3.5	2.6	3.3	3.0	2.0	1.9	2.8	2.4
Navajo	2.7	2.7	2.7	2.6	1.5	2.3	2.3	1.9	2.3	2.0	2.0
Pima	3.7	3.8	3.9	3.9	4.1	4.2	4.0	3.8	3.7	3.4	3.3
Pinal	2.4	2.8	2.8	3.2	2.9	2.9	2.2	1.6	2.3	2.2	2.1
Santa Cruz	3.5	2.9	2.9	2.5	2.8	2.3	1.7	2.0	2.0	2.9	3.0
Yavapai	3.8	3.4	3.7	4.0	4.3	4.3	4.9	3.7	3.2	3.4	3.4
Yuma	3.5	3.2	3.3	3.5	3.7	3.6	3.9	4.7	3.6	3.9	3.8

Note: ^a Per 1,000 population.

**TABLE 5G-6
DISSOLUTIONS^a OF MARRIAGE BY COUNTY OF OCCURRENCE BY MONTH, ARIZONA, 2016**

County	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
ARIZONA	1,970†	1,910†	1,800†	1,870†	1,910†	1,900†	1,890†	2,210†	1,830†	1,720†	2,290†	2,140†	23,442
Apache	*	8	*	*	*	6	*	6	*	6	*	8	60†
Cochise	28	34	37	32	34	28	34	47	31	43	26	42	416
Coconino	27	24	49	30	24	28	42	34	31	19	23	34	365
Gila	11	13	11	22	15	9	12	14	21	*	6	20	160†
Graham	15	6	8	12	9	14	12	19	16	16	10	14	151
Greenlee	*	*	*	0	*	*	7	*	*	0	*	*	40†
La Paz	*	*	*	*	6	*	6	*	8	0	6	*	40†
Maricopa	1,338	1,226	1,063	1,286	1,302	1,262	1,253	1,399	1,199	1,119	1,668	1,482	15,597
Mohave	49	44	44	45	50	48	31	49	39	29	41	33	502
Navajo	22	21	15	22	14	19	16	20	10	19	27	12	217
Pima	268	294	304	259	251	271	248	362	253	219	297	272	3,298
Pinal	75	70	73	71	57	79	58	85	66	91	53	78	856
Santa Cruz	16	11	13	12	13	8	15	15	12	18	9	9	151
Yavapai	52	53	73	50	69	53	68	73	62	69	45	89	756
Yuma	67	101	100	24	57	70	85	84	77	66	64	40	835

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.