

# **CHAPTER 5**

## **TRENDS AND PATTERNS IN HEALTH STATUS AND VITAL STATISTICS BY COUNTY OF RESIDENCE, 1999-2009**

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- 5A. PREGNANCIES BY PREGNANCY OUTCOME**
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**5A**

**PREGNANCIES BY PREGNANCY  
OUTCOME**

**TABLE 5A-1  
PREGNANCIES AND PREGNANCY RATES BY PREGNANCY OUTCOME AND COUNTY OF RESIDENCE, ARIZONA, 2009**

County of residence	PREGNANCIES BY OUTCOME:						PREGNANCY RATES BY OUTCOME:			
	Female population of childbearing age <sup>a</sup>	Live births	Abortions	Fetal deaths	Total pregnancies <sup>b</sup>	Fertility rate <sup>c</sup>	Abortion rate <sup>d</sup>	Pregnancy rate <sup>e</sup>	Percent pregnancies ending in abortions	
<b>Total State</b>	1,344,836	92,616	10,045	511	103,172	68.9	7.5	76.7	9.7	
<b>Apache</b>	15,479	1,242	19	2	1,263	80.2	1.2	81.6	1.5	
<b>Cochise</b>	25,987	1,846	147	15	2,008	71.0	5.7	77.3	7.3	
<b>Coconino</b>	31,422	1,894	266	12	2,172	60.3	8.5	69.1	12.2	
<b>Gila</b>	9,814	704	27	8	739	71.7	2.8	75.3	3.7	
<b>Graham</b>	7,948	645	23	2	670	81.2	2.9	84.3	3.4	
<b>Greenlee</b>	1,558	130	8	0	138	83.4	5.1	88.6	5.8	
<b>Maricopa</b>	826,917	57,663	6,732	311	64,706	69.7	8.1	78.2	10.4	
<b>Mohave</b>	36,487	2,220	21	14	2,255	60.8	0.6	61.8	0.9	
<b>Navajo</b>	24,080	1,893	40	11	1,944	78.6	1.7	80.7	2.1	
<b>Pima</b>	208,188	12,840	2,124	68	15,032	61.7	10.2	72.2	14.1	
<b>Pinal</b>	65,057	5,309	163	29	5,501	81.6	2.5	84.6	3.0	
<b>Santa Cruz</b>	9,924	761	35	3	799	76.7	3.5	80.5	4.4	
<b>Yavapai</b>	39,703	2,061	183	16	2,260	51.9	4.6	56.9	8.1	
<b>Yuma</b>	39,139	3,234	156	18	3,408	82.6	4.0	87.1	4.6	
<b>La Paz</b>	3,133	174	2	0	176	55.5	0.6	56.2	1.1	
<b>Unknown</b>	NA	0	99	2	101	NA	NA	NA	NA	

<sup>a</sup> Females 15-44 years old.

<sup>b</sup> Sum of recorded live births, reported spontaneous terminations of pregnancy (fetal deaths) and reported induced terminations of pregnancy (abortions).

<sup>c</sup> The number of live births per 1,000 females of childbearing age.

<sup>d</sup> The number of abortions per 1,000 females of childbearing age.

<sup>e</sup> The number of pregnancies per 1,000 females of childbearing age.

**TABLE 5A-2  
PREGNANCIES AND PREGNANCY RATES, FEMALES 19 OR YOUNGER  
BY COUNTY OF RESIDENCE, ARIZONA, 2009**

County of residence	NUMBER OF PREGNANCIES:*				
	All 19 years or younger	10-14 years	15-19 years		
			Total 15-19 years	15-17 years	18-19 years
Apache	214	2	212	61	151
Cochise	288	2	286	85	201
Coconino	296	2	294	101	193
Gila	158	1	157	50	107
Graham	114	3	111	33	78
Greenlee	29	0	29	8	21
Maricopa	7,293	89	7,204	2,330	4,874
Mohave	313	3	310	80	230
Navajo	350	6	344	103	241
Pima	1,845	21	1,824	571	1,253
Pinal	586	7	579	203	376
Santa Cruz	117	2	115	36	79
Yavapai	320	5	315	83	232
Yuma	561	12	549	191	358
La Paz	31	1	30	8	22
<b>TOTAL STATE</b>	<b>12,537</b>	<b>156</b>	<b>12,381</b>	<b>3,945</b>	<b>8,436</b>

County of residence	PREGNANCY RATES:**				
	All 19 years or younger	10-14 years	15-19 years		
			Total 15-19 years	15-17 years	18-19 years
Apache	27.7	0.5	52.6	24.2	100.2
Cochise	28.7	0.4	55.2	26.4	102.7
Coconino	27.6	0.4	49.8	32.6	68.9
Gila	40.8	0.5	79.5	38.2	160.2
Graham	33.7	2.0	58.9	31.5	93.2
Greenlee	41.2	0.0	92.4	37.9	203.9
Maricopa	27.4	0.6	56.6	28.6	106.0
Mohave	25.9	0.5	53.4	19.9	129.2
Navajo	33.2	1.2	64.3	29.2	132.3
Pima	27.0	0.6	51.1	27.9	82.3
Pinal	27.6	0.6	56.7	30.1	108.4
Santa Cruz	29.1	1.0	56.1	26.3	115.7
Yavapai	25.0	0.8	48.1	19.5	101.3
Yuma	36.1	1.5	70.6	39.8	119.9
La Paz	27.8	1.7	55.9	22.0	127.2
<b>TOTAL STATE</b>	<b>28.0</b>	<b>0.7</b>	<b>56.1</b>	<b>28.5</b>	<b>102.5</b>

\* The sum of live births, fetal deaths and abortions.

\*\* The number of pregnancies per 1,000 females in specified group.

**TABLE 5A-3  
TRENDS IN PREGNANCY RATES\* BY COUNTY OF RESIDENCE AMONG FEMALES 10-17 AND 18-19 YEARS OLD,  
ARIZONA, 1999-2009**

	ARIZONA	APACHE	COCHISE	COCONINO	GILA	GRAHAM	GREENLEE	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	SANTA CRUZ	YAVAPAI	YUMA	LA PAZ
<b>1999</b>	42.7	23.9	35.6	30.2	41.4	29.3	34.9	44.6	40.1	40.4	38.8	44.9	41.7	33.7	46.3	29.2
<b>2000</b>	39.5	29.2	38.7	28.6	41.1	28.8	26.7	40.7	33.5	34.8	39.6	47.7	39.3	33.0	42.0	32.6
<b>2001</b>	36.0	21.6	34.3	30.3	43.2	33.8	18.3	37.2	31.4	26.7	36.0	43.7	33.0	26.3	36.7	36.8
<b>2002</b>	35.2	23.2	30.6	26.0	42.4	29.9	40.0	36.0	32.5	28.5	36.3	38.5	36.4	29.6	38.8	35.6
<b>2003</b>	34.5	30.8	31.5	26.9	42.8	27.5	26.0	36.0	30.9	29.6	32.0	38.1	30.0	25.3	40.6	32.2
<b>2004</b>	34.6	32.8	30.0	27.7	38.4	22.5	36.6	35.5	28.7	33.7	33.8	36.4	38.6	27.9	42.1	39.8
<b>2005</b>	32.7	25.9	30.0	27.7	38.8	20.9	31.0	33.9	32.1	33.1	30.6	33.5	30.7	25.7	37.0	49.8
<b>2006</b>	34.1	25.6	24.2	31.0	37.7	35.5	24.7	35.4	33.0	30.0	32.9	34.1	32.9	29.6	38.0	30.0
<b>2007</b>	34.4	27.5	29.1	33.2	41.7	40.1	25.4	35.4	31.9	33.7	30.5	37.4	32.2	33.0	37.8	50.9
<b>2008</b>	31.6	25.3	27.2	28.6	45.9	33.2	33.2	32.5	28.1	36.3	29.0	31.3	31.5	26.9	35.1	38.6
<b>2009</b>	28.0	27.7	28.7	27.6	40.8	33.7	41.2	27.4	25.9	33.2	27.0	27.6	29.1	25.0	36.1	27.8
<b>1999</b>	137.6	88.3	115.5	78.9	121.0	94.8	116.1	146.5	139.4	141.7	118.3	145.9	145.2	114.8	151.7	72.7
<b>2000</b>	135.8	109.9	124.5	74.7	167.3	74.1	123.8	127.8	139.7	154.1	104.7	161.0	132.1	124.9	149.8	127.1
<b>2001</b>	113.2	91.9	116.8	84.3	154.3	84.9	78.4	117.3	132.5	111.7	96.6	156.9	113.7	91.8	130.8	153.0
<b>2002</b>	111.1	100.7	104.4	68.9	151.5	78.4	161.9	114.2	131.5	121.5	96.7	130.2	137.7	115.9	133.4	127.0
<b>2003</b>	108.2	130.1	107.3	70.6	145.5	78.8	64.8	112.4	129.0	123.4	86.0	139.3	130.7	98.7	134.2	113.4
<b>2004</b>	108.7	141.6	106.7	76.9	164.3	57.7	173.1	110.9	112.8	141.3	93.7	121.0	147.2	99.3	135.6	153.8
<b>2005</b>	103.6	105.4	110.0	79.5	150.5	56.7	174.8	106.5	134.0	138.2	83.7	119.8	111.8	104.1	122.2	148.7
<b>2006</b>	115.6	87.9	71.1	84.0	139.8	95.6	69.0	125.0	142.1	99.4	95.8	129.3	108.5	109.2	122.8	63.0
<b>2007</b>	121.4	89.4	99.8	81.2	164.0	103.4	122.4	131.9	157.6	125.8	89.6	144.9	102.8	129.9	129.8	242.8
<b>2008</b>	111.3	89.5	92.4	72.2	165.9	94.7	133.3	120.0	135.7	135.7	86.5	121.8	111.6	100.1	121.7	156.1
<b>2009</b>	102.5	100.2	102.7	68.9	160.2	93.2	203.9	106.0	129.2	132.3	82.3	108.4	115.7	101.3	119.9	127.2
<b>1999</b>	19.9	9.6	15.8	15.1	22.1	13.7	16.3	21.0	17.4	17.9	17.6	22.3	17.1	13.8	20.9	18.6
<b>2000</b>	18.4	15.0	19.1	14.6	17.6	13.9	8.8	18.9	12.0	13.7	19.1	23.8	21.8	13.3	17.5	15.2
<b>2001</b>	16.5	9.2	15.5	13.9	22.5	17.0	7.2	17.2	10.9	11.7	16.9	19.8	17.8	12.3	15.3	15.2
<b>2002</b>	16.1	9.6	13.7	13.0	22.1	14.0	17.5	16.5	12.5	12.0	17.2	19.1	17.2	11.1	17.3	18.7
<b>2003</b>	15.9	13.4	14.3	13.6	23.7	10.7	18.8	16.9	11.1	13.0	14.6	16.8	11.1	9.5	19.3	17.2
<b>2004</b>	15.9	13.5	12.7	12.9	15.4	10.9	10.9	16.5	11.8	14.6	15.1	18.3	17.9	12.3	20.4	17.8
<b>2005</b>	14.8	11.9	11.7	12.1	18.2	9.0	6.6	15.7	11.5	14.4	14.0	14.9	15.2	8.6	17.1	30.7
<b>2006</b>	15.1	10.8	12.0	14.1	16.6	17.6	5.1	15.7	12.4	14.9	14.7	13.4	16.5	11.8	16.6	13.1
<b>2007</b>	14.8	12.5	12.0	16.3	16.2	19.3	8.8	15.3	10.7	14.4	13.6	16.4	17.7	12.8	16.0	15.8
<b>2008</b>	13.7	9.7	11.3	13.2	21.0	12.9	16.2	14.3	9.5	15.5	12.5	13.6	15.0	10.9	14.6	17.0
<b>2009</b>	11.2	10.1	10.8	13.0	15.9	14.2	13.3	11.0	8.1	12.5	11.2	11.8	11.4	8.4	16.1	9.5

\* Number of pregnancies per 1,000 females in specified group.

**TABLE 5A-4  
PREGNANCIES BY PREGNANCY OUTCOME, AGE GROUP AND COUNTY OF RESIDENCE,  
ARIZONA, 2009**

		Total	<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	Un-known
<b>TOTAL STATE</b>	<b>Total pregnancies</b>	103,172	156	3,945	8,436	27,355	28,949	21,218	10,377	2,292	193	251
	<b>Births</b>	92,616	132	3,501	7,319	23,874	26,440	19,732	9,431	2,008	170	9
	<b>Abortions</b>	10,045	24	418	1,077	3,370	2,383	1,381	870	260	21	241
	<b>Fetal deaths</b>	511	0	26	40	111	126	105	76	24	2	1
<b>APACHE</b>	<b>Total pregnancies</b>	1,263	2	61	151	363	324	199	121	41	0	1
	<b>Births</b>	1,242	2	58	147	354	321	197	121	41	0	1
	<b>Abortions</b>	19	0	3	3	9	3	1	0	0	0	0
	<b>Fetal deaths</b>	2	0	0	1	0	0	1	0	0	0	0
<b>COCHISE</b>	<b>Total pregnancies</b>	2,008	2	85	201	593	616	347	127	32	2	3
	<b>Births</b>	1,846	1	74	180	547	578	322	113	28	2	1
	<b>Abortions</b>	147	1	9	19	42	34	24	13	4	0	1
	<b>Fetal deaths</b>	15	0	2	2	4	4	1	1	0	0	1
<b>COCONINO</b>	<b>Total pregnancies</b>	2,172	2	101	193	644	560	392	215	60	5	0
	<b>Births</b>	1,894	1	88	162	541	502	360	189	47	4	0
	<b>Abortions</b>	266	1	12	29	99	56	29	26	13	1	0
	<b>Fetal deaths</b>	12	0	1	2	4	2	3	0	0	0	0
<b>GILA</b>	<b>Total pregnancies</b>	739	1	50	107	268	168	89	48	8	0	0
	<b>Births</b>	704	1	48	101	257	159	87	43	8	0	0
	<b>Abortions</b>	27	0	1	6	7	7	2	4	0	0	0
	<b>Fetal deaths</b>	8	0	1	0	4	2	0	1	0	0	0
<b>GRAHAM</b>	<b>Total pregnancies</b>	670	3	33	78	217	213	90	30	6	0	0
	<b>Births</b>	645	3	31	76	213	206	82	29	5	0	0
	<b>Abortions</b>	23	0	2	2	3	6	8	1	1	0	0
	<b>Fetal deaths</b>	2	0	0	0	1	1	0	0	0	0	0
<b>GREENLEE</b>	<b>Total pregnancies</b>	138	0	8	21	44	37	20	4	4	0	0
	<b>Births</b>	130	0	8	21	40	34	20	4	3	0	0
	<b>Abortions</b>	8	0	0	0	4	3	0	0	1	0	0
	<b>Fetal deaths</b>	0	0	0	0	0	0	0	0	0	0	0
<b>MARICOPA</b>	<b>Total pregnancies</b>	64,706	89	2,330	4,874	16,315	18,149	14,083	7,062	1,518	123	163
	<b>Births</b>	57,663	74	2,044	4,128	14,018	16,464	13,101	6,393	1,332	106	3
	<b>Abortions</b>	6,732	15	272	722	2,238	1,611	908	619	171	16	160
	<b>Fetal deaths</b>	311	0	14	24	59	74	74	50	15	1	0
<b>MOHAVE</b>	<b>Total pregnancies</b>	2,255	3	80	230	750	611	369	149	56	6	1
	<b>Births</b>	2,220	3	78	228	734	604	365	147	55	6	0
	<b>Abortions</b>	21	0	1	1	11	3	2	2	0	0	1
	<b>Fetal deaths</b>	14	0	1	1	5	4	2	0	1	0	0
<b>NAVAJO</b>	<b>Total pregnancies</b>	1,944	6	103	241	628	475	316	135	32	5	3
	<b>Births</b>	1,893	5	101	237	609	466	308	131	31	5	0
	<b>Abortions</b>	40	1	1	3	15	8	7	2	0	0	3
	<b>Fetal deaths</b>	11	0	1	1	4	1	1	2	1	0	0
<b>PIMA</b>	<b>Total pregnancies</b>	15,032	21	571	1,253	4,102	4,200	3,050	1,442	315	34	44
	<b>Births</b>	12,840	18	479	1,027	3,348	3,667	2,715	1,294	258	31	3
	<b>Abortions</b>	2,124	3	89	223	736	515	325	137	53	2	41
	<b>Fetal deaths</b>	68	0	3	3	18	18	10	11	4	1	0
<b>PINAL</b>	<b>Total pregnancies</b>	5,501	7	203	376	1,371	1,795	1,163	493	80	9	4
	<b>Births</b>	5,309	7	198	355	1,325	1,735	1,137	468	75	8	1
	<b>Abortions</b>	163	0	5	18	40	50	20	22	4	1	3
	<b>Fetal deaths</b>	29	0	0	3	6	10	6	3	1	0	0
<b>SANTA CRUZ</b>	<b>Total pregnancies</b>	799	2	36	79	226	217	135	82	21	1	0
	<b>Births</b>	761	0	35	78	214	208	127	78	20	1	0
	<b>Abortions</b>	35	2	1	1	11	8	7	4	1	0	0
	<b>Fetal deaths</b>	3	0	0	0	1	1	1	0	0	0	0
<b>YAVAPAI</b>	<b>Total pregnancies</b>	2,260	5	83	232	664	616	392	204	51	6	7
	<b>Births</b>	2,061	5	71	211	595	579	369	181	44	6	0
	<b>Abortions</b>	183	0	11	20	68	33	18	19	7	0	7
	<b>Fetal deaths</b>	16	0	1	1	1	4	5	4	0	0	0
<b>YUMA</b>	<b>Total pregnancies</b>	3,408	12	191	358	1,085	902	537	245	59	1	18
	<b>Births</b>	3,234	11	180	346	1,024	867	518	231	56	1	0
	<b>Abortions</b>	156	1	9	11	57	31	18	10	1	0	18
	<b>Fetal deaths</b>	18	0	2	1	4	4	1	4	2	0	0
<b>LA PAZ</b>	<b>Total pregnancies</b>	176	1	8	22	56	51	24	9	5	0	0
	<b>Births</b>	174	1	8	22	55	50	24	9	5	0	0
	<b>Abortions</b>	2	0	0	0	1	1	0	0	0	0	0
	<b>Fetal deaths</b>	0	0	0	0	0	0	0	0	0	0	0
<b>UKNOWN</b>	<b>Total pregnancies</b>	101	0	2	20	29	15	12	11	4	1	7
	<b>Births</b>	0	0	0	0	0	0	0	0	0	0	0
	<b>Abortions</b>	99	0	2	19	29	14	12	11	4	1	7
	<b>Fetal deaths</b>	2	0	0	1	0	1	0	0	0	0	0

**TABLE 5A-5  
BIRTHS AND BIRTH RATES, FEMALES 19 OR YOUNGER BY COUNTY OF RESIDENCE,  
ARIZONA, 2009**

County of residence	NUMBER OF BIRTHS:				
	All 19 years or younger	10-14 years	15-19 years		
			Total 15-19 years	15-17 years	18-19 years
Apache	207	2	205	58	147
Cochise	255	1	254	74	180
Coconino	251	1	250	88	162
Gila	150	1	149	48	101
Graham	110	3	107	31	76
Greenlee	29	0	29	8	21
Maricopa	6,246	74	6,172	2,044	4,128
Mohave	309	3	306	78	228
Navajo	343	5	338	101	237
Pima	1,524	18	1,506	479	1,027
Pinal	560	7	553	198	355
Santa Cruz	113	0	113	35	78
Yavapai	287	5	282	71	211
Yuma	537	11	526	180	346
La Paz	31	1	30	8	22
<b>TOTAL STATE</b>	10,952	132	10,820	3,501	7,319

County of residence	BIRTH RATES:**				
	All 19 years or younger	10-14 years	15-19 years		
			Total 15-19 years	15-17 years	18-19 years
Apache	26.8	0.5	50.9	23.0	97.5
Cochise	25.4	0.2	49.0	23.0	91.9
Coconino	23.4	0.2	42.4	28.4	57.9
Gila	38.7	0.5	75.4	36.7	151.2
Graham	32.6	2.0	56.8	29.6	90.8
Greenlee	41.2	0.0	92.4	37.9	203.9
Maricopa	23.5	0.5	48.5	25.1	89.8
Mohave	25.6	0.5	52.7	19.4	128.1
Navajo	32.5	1.0	63.2	28.6	130.1
Pima	22.3	0.6	42.2	23.4	67.4
Pinal	26.4	0.6	54.1	29.3	102.4
Santa Cruz	28.1	0.0	55.1	25.6	114.2
Yavapai	22.4	0.8	43.1	16.7	92.1
Yuma	34.5	1.4	67.6	37.5	115.9
La Paz	27.8	1.7	55.9	22.0	127.2
<b>TOTAL STATE</b>	24.4	0.6	49.1	25.3	89.0

\*\* 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 PER 1,000 POPULATION  
BY COUNTY OF RESIDENCE, ARIZONA AND UNITED STATES, 1999-2009**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>U.S.</b>	6.0	5.7	5.8	5.5	5.7	5.9	5.8	5.8	6.2	6.1	5.8
<b>ARIZONA</b>	8.6	8.8	8.4	8.3	8.5	8.7	8.4	9.1	9.0	8.3	7.2
<b>Apache</b>	10.1	12.1	8.7	9.5	10.5	11.4	10.6	9.8	8.3	9.2	9.3
<b>Cochise</b>	5.6	5.7	4.6	5.1	5.0	5.5	5.0	5.0	5.6	4.3	5.1
<b>Coconino</b>	11.1	11.6	11.3	10.2	10.1	11.1	11.0	10.9	11.2	9.7	8.8
<b>Gila</b>	0.8	1.9	0.2	0.7	1.0	0.4	-0.8	0.7	0.5	-0.4	1.0
<b>Graham</b>	5.6	6.4	5.6	6.6	4.9	4.9	4.8	6.8	8.3	9.1	9.4
<b>Greenlee</b>	8.4	4.1	6.0	4.0	3.7	6.7	10.6	5.4	9.1	8.8	9.2
<b>Maricopa</b>	10.4	10.3	10.3	10.1	10.4	10.5	10.2	10.9	10.7	9.8	8.4
<b>Mohave</b>	-0.1	-0.9	-0.6	-0.4	-0.1	-0.3	-0.6	0.6	1.4	-0.8	-0.2
<b>Navajo</b>	12.3	10.6	8.9	9.3	8.7	9.4	10.0	9.0	9.7	10.0	9.3
<b>Pima</b>	5.7	6.1	5.5	5.4	5.6	5.8	5.3	6.2	5.9	5.4	4.7
<b>Pinal</b>	6.4	5.9	5.5	5.4	6.1	6.4	7.1	9.3	11.1	11.5	10.1
<b>Santa Cruz</b>	15.2	15.5	14.1	13.2	14.1	13.9	11.9	11.4	10.8	11.5	10.0
<b>Yavapai</b>	-1.9	-0.8	-1.1	-0.7	-1.6	-0.5	-0.7	0.0	0.3	-0.7	-1.1
<b>Yuma</b>	14.6	12.9	12.1	11.5	11.7	12.0	10.8	11.2	10.3	11.1	9.4
<b>La Paz</b>	-1.6	-0.1	0.8	0.6	1.6	0.2	3.0	1.3	1.2	2.1	-2.4

\* The difference between the birth rate per 1,000 population and the death rate per 1,000 population.

NOTE: The U.S. rates for 2007 - 2009 are provisional.

**TABLE 5B-2  
BIRTH RATES<sup>1</sup> BY COUNTY OF RESIDENCE, ARIZONA AND UNITED STATES<sup>2</sup>, 1999-2009**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>U.S.</b>	14.2	14.4	14.1	13.9	14.1	14.0	14.0	14.2	14.3	14.2	14.1
<b>ARIZONA</b>	16.3	16.6	16.1	16.0	16.1	16.0	15.8	16.4	16.0	15.2	14.0
<b>Apache</b>	16.5	18.6	15.7	15.9	17.7	18.7	17.4	15.9	15.2	15.9	16.2
<b>Cochise</b>	13.4	14.8	13.7	13.8	13.9	13.9	13.4	13.4	13.5	12.8	13.0
<b>Coconino</b>	14.7	16.0	15.9	14.9	14.9	15.6	15.9	15.5	15.8	14.6	13.7
<b>Gila</b>	13.4	13.2	12.6	13.1	12.9	12.4	11.9	12.1	12.4	12.2	11.9
<b>Graham</b>	13.3	13.7	13.3	14.3	12.6	12.5	12.7	15.1	16.0	16.7	16.2
<b>Greenlee</b>	15.3	12.6	11.4	11.3	10.1	12.2	11.9	13.3	16.7	14.6	15.0
<b>Maricopa</b>	17.7	17.7	17.4	17.2	17.4	17.2	17.1	17.6	17.0	16.0	14.5
<b>Mohave</b>	11.7	11.5	11.2	11.9	12.5	12.2	11.9	12.7	12.1	11.2	10.9
<b>Navajo</b>	18.7	17.3	15.7	16.1	16.5	16.7	17.3	16.7	17.4	16.9	16.4
<b>Pima</b>	14.0	14.8	14.1	14.0	14.1	14.0	13.6	14.2	13.7	13.3	12.6
<b>Pinal</b>	14.5	14.5	13.5	14.1	14.5	14.1	14.8	16.6	18.0	17.8	16.2
<b>Santa Cruz</b>	19.3	20.8	19.2	19.1	19.4	19.2	17.7	16.6	16.5	16.8	16.0
<b>Yavapai</b>	10.4	10.5	9.9	10.6	9.9	10.2	10.3	11.2	11.0	9.8	9.1
<b>Yuma</b>	20.3	18.8	18.2	18.1	18.2	18.3	17.4	17.2	16.1	16.5	15.8
<b>La Paz</b>	7.0	9.3	9.4	11.3	10.4	10.9	11.6	10.7	10.6	11.4	8.0

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

<sup>2</sup>U.S. data from the National Center for Health Statistics. The U.S. rates for 2007-2009 are provisional.

**TABLE 5B-3  
BIRTHS BY COUNTY OF RESIDENCE, ARIZONA, 1999-2009**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>ARIZONA<sup>1</sup></b>	80,505	84,985	85,213	87,379	90,783	93,396	95,798	102,042	102,687	99,215	92,616
<b>Apache</b>	1,104	1,290	1,074	1,113	1,250	1,336	1,283	1,189	1,149	1,211	1,242
<b>Cochise</b>	1,668	1,737	1,637	1,711	1,756	1,810	1,769	1,808	1,860	1,781	1,846
<b>Coconino</b>	1,804	1,858	1,873	1,867	1,920	2,027	2,070	2,062	2,132	1,985	1,894
<b>Gila</b>	672	676	649	696	692	668	649	667	694	697	704
<b>Graham</b>	476	459	443	487	434	451	452	540	582	644	645
<b>Greenlee</b>	141	108	95	97	87	102	99	110	138	131	130
<b>Maricopa</b>	51,503	54,470	55,624	56,614	59,000	60,535	62,232	66,160	65,931	62,667	57,663
<b>Mohave</b>	1,745	1,783	1,819	1,983	2,135	2,191	2,237	2,468	2,439	2,301	2,220
<b>Navajo</b>	1,751	1,682	1,573	1,634	1,716	1,789	1,903	1,877	2,012	1,944	1,893
<b>Pima</b>	11,866	12,512	12,140	12,461	12,799	13,030	12,976	13,929	13,798	13,503	12,840
<b>Pinal</b>	2,401	2,607	2,555	2,705	2,919	3,068	3,641	4,467	5,285	5,731	5,309
<b>Santa Cruz</b>	754	798	759	762	792	808	781	753	766	796	761
<b>Yavapai</b>	1,627	1,758	1,744	1,918	1,850	1,997	2,115	2,380	2,411	2,216	2,061
<b>Yuma</b>	2,841	3,007	3,000	3,071	3,187	3,318	3,292	3,354	3,252	3,362	3,234
<b>La Paz</b>	135	184	185	230	216	230	245	229	230	246	174

<sup>1</sup> May include records with unknown county of residence.

**TABLE 5B-4  
BIRTHS BY COUNTY OF OCCURRENCE<sup>1</sup>, ARIZONA, 1999-2009**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 <sup>1</sup>
<b>ARIZONA</b>	81,202	85,476	85,749	87,921	91,054	93,843	96,487	103,171	103,803	100,088	93,331
<b>Apache</b>	1,123	1,189	1,034	1,025	1,042	1,121	1,064	1,093	1,045	1,037	1,012
<b>Cochise</b>	1,462	1,531	1,427	1,443	1,481	1,522	1,481	1,474	1,455	1,424	1,450
<b>Coconino</b>	2,314	2,311	2,260	2,267	2,264	2,358	2,426	2,292	2,410	2,251	2,227
<b>Gila</b>	550	554	541	539	521	523	481	530	529	533	593
<b>Graham</b>	522	492	477	519	463	474	468	594	667	665	660
<b>Greenlee</b>	1	1	0	1	0	0	1	0	1	0	0
<b>Maricopa</b>	53,518	56,671	57,674	58,871	61,519	63,275	65,601	70,437	70,956	68,112	62,708
<b>Mohave</b>	1,761	1,779	1,785	1,945	1,919	1,999	2,139	2,530	2,420	2,319	2,107
<b>Navajo</b>	1,204	1,148	1,096	1,196	1,293	1,347	1,452	1,514	1,591	1,537	1,481
<b>Pima</b>	12,865	13,457	12,963	13,340	13,792	14,072	14,054	15,057	15,056	14,647	14,019
<b>Pinal</b>	831	881	948	966	923	948	1,019	997	1,088	1,045	952
<b>Santa Cruz</b>	680	733	770	750	718	793	810	848	879	889	812
<b>Yavapai</b>	1,479	1,606	1,613	1,776	1,704	1,853	1,944	2,186	2,183	1,974	1,853
<b>Yuma</b>	2,888	3,122	3,156	3,282	3,407	3,556	3,547	3,615	3,519	3,650	3,457
<b>La Paz</b>	4	1	5	1	8	2	0	4	4	5	0

<sup>1</sup>Resident (91,857) and non-resident (1,474) births occurring in Arizona.

**TABLE 5B-5  
RESIDENT BIRTHS BY PLACE OF OCCURRENCE AND NON-RESIDENT BIRTHS BY COUNTY OF OCCURRENCE  
IN ARIZONA, 2009**

County of residence	County of occurrence													Born in AZ	AZ resident born outside AZ	Total resident births		
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai				Yuma	La Paz
Apache	745	0	24	0	2	0	60	1	201	3	0	1	0	0	0	1,037	205	1,242
Cochise	0	1,393	0	0	14	0	22	0	0	407	0	4	0	0	0	1,840	6	1,846
Coconino	0	0	1,756	2	1	0	61	8	19	1	0	0	7	0	1,855	39	1,894	
Gila	0	0	1	541	2	0	139	0	4	16	0	0	0	0	703	1	704	
Graham	0	2	0	31	514	0	34	0	0	63	0	0	0	0	644	1	645	
Greenlee	0	0	0	0	118	0	1	0	2	7	0	0	0	0	128	2	130	
Maricopa	6	2	8	4	2	0	57,455	7	13	29	15	10	5	7	57,563	100	57,663	
Mohave	0	0	9	0	0	0	55	1,824	0	0	0	0	4	1	1,893	327	2,220	
Navajo	169	0	357	0	1	0	109	0	1,229	3	0	0	1	1	1,870	23	1,893	
Pima	1	2	0	0	2	0	83	0	2	12,708	14	11	0	1	12,824	16	12,840	
Pinal	1	1	0	14	1	0	4,146	1	0	217	921	1	1	0	5,304	5	5,309	
Santa Cruz	1	4	0	0	0	0	8	0	0	214	0	531	0	0	758	3	761	
Yavapai	2	0	51	0	0	0	169	4	0	1	0	0	1,826	0	2,053	8	2,061	
Yuma	0	0	0	0	0	0	42	1	0	2	0	0	0	3,169	3,214	20	3,234	
La Paz	0	0	0	0	0	0	34	132	0	0	0	0	0	5	171	3	174	
<b>AZ resident</b>	<b>925</b>	<b>1,404</b>	<b>2,206</b>	<b>592</b>	<b>657</b>	<b>0</b>	<b>62,418</b>	<b>1,978</b>	<b>1,470</b>	<b>13,671</b>	<b>950</b>	<b>558</b>	<b>1,844</b>	<b>3,184</b>	<b>91,857</b>	<b>759</b>	<b>92,616</b>	
<b>Non-resident born in AZ</b>	<b>87</b>	<b>46</b>	<b>21</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>290</b>	<b>129</b>	<b>11</b>	<b>348</b>	<b>2</b>	<b>254</b>	<b>9</b>	<b>273</b>	<b>1,474</b>			
<b>Total born in specified county</b>	<b>1,012</b>	<b>1,450</b>	<b>2,227</b>	<b>593</b>	<b>660</b>	<b>0</b>	<b>62,708</b>	<b>2,107</b>	<b>1,481</b>	<b>14,019</b>	<b>952</b>	<b>812</b>	<b>1,853</b>	<b>3,457</b>	<b>93,331</b>			

**TABLE 5B-6  
NUMBER OF BIRTHS BY MONTH AND COUNTY OF RESIDENCE, ARIZONA, 2009**

	TOTAL	Month of birth											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b>ARIZONA</b>	92,616	7,784	7,333	8,069	7,371	7,464	7,377	8,060	8,194	8,097	7,872	7,267	7,728
<b>Apache</b>	1,242	99	96	98	115	123	105	118	93	114	96	95	90
<b>Cochise</b>	1,846	137	121	138	177	162	150	156	147	152	152	184	170
<b>Coconino</b>	1,894	158	156	166	165	159	161	177	187	144	157	134	130
<b>Gila</b>	704	67	59	58	54	53	62	73	61	58	54	55	50
<b>Graham</b>	645	52	56	57	59	51	69	63	48	47	55	47	41
<b>Greenlee</b>	130	10	19	9	15	13	12	8	10	12	7	6	9
<b>Maricopa</b>	57,663	4,837	4,584	5,062	4,483	4,619	4,550	4,945	5,110	5,089	4,920	4,539	4,925
<b>Mohave</b>	2,220	181	183	182	180	162	191	219	188	188	169	178	199
<b>Navajo</b>	1,893	166	141	151	164	169	141	151	165	162	162	155	166
<b>Pima</b>	12,840	1,098	1,025	1,139	1,054	1,024	1,037	1,104	1,164	1,111	1,101	986	997
<b>Pinal</b>	5,309	452	422	482	388	410	425	458	481	462	463	429	437
<b>Santa Cruz</b>	761	63	50	65	75	66	64	78	71	68	46	55	60
<b>Yavapai</b>	2,061	171	151	185	187	182	161	198	180	169	173	142	162
<b>Yuma</b>	3,234	279	259	261	241	259	231	289	281	305	299	252	278
<b>La Paz</b>	174	14	11	16	14	12	18	23	8	16	18	10	14

**TABLE 5B-7  
BIRTHS BY MOTHER'S RACE/ETHNICITY, THE PARTY PAYING FOR THE DELIVERY AND COUNTY OF RESIDENCE, ARIZONA, 2009**

	ARIZONA	County of residence															
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz	
<b>All race/ethnic groups</b>	Total	92,616	1,242	1,846	1,894	704	645	130	57,663	2,220	1,893	12,840	5,309	761	2,061	3,234	174
	AHCCCS	49,538	562	896	923	378	337	56	30,616	1,360	1,245	6,959	2,311	490	1,309	1,996	100
	IHS	1,683	384	1	309	168	74	0	222	5	313	103	59	0	11	5	29
	Private Insurance	37,941	99	891	597	145	224	70	25,085	499	287	5,409	2,719	195	643	1,037	41
	Self	2,467	4	44	36	12	9	2	1,373	118	21	344	155	73	89	186	1
Unknown	987	193	14	29	1	1	2	367	238	27	25	65	3	9	10	3	
<b>White non-Hispanic</b>	Total	39,781	179	911	888	297	348	57	24,625	1,617	634	5,044	2,892	58	1,438	694	99
	AHCCCS	13,662	94	321	365	197	178	22	7,404	900	395	1,752	908	28	831	212	55
	IHS	35	0	1	1	0	0	0	15	2	1	1	1	0	1	1	11
	Private Insurance	24,365	62	564	469	90	162	33	16,272	394	216	3,182	1,864	26	534	467	30
	Self	1,151	1	17	31	9	7	1	711	99	15	103	73	3	68	12	1
Unknown	568	22	8	22	1	1	1	223	222	7	6	46	1	4	2	2	
<b>Hispanic or Latino</b>	Total	38,362	47	760	202	169	189	66	24,948	453	145	6,140	1,614	694	524	2,367	44
	AHCCCS	28,338	27	515	150	129	134	32	19,016	358	124	4,262	964	455	424	1,712	36
	IHS	27	0	0	1	0	0	0	14	3	0	6	2	0	0	0	1
	Private Insurance	8,723	11	212	48	38	54	33	5,289	68	18	1,643	575	167	78	482	7
	Self	1,112	2	27	2	2	1	1	530	14	2	216	59	70	19	167	0
Unknown	162	7	6	1	0	0	0	99	10	1	13	14	2	3	6	0	
<b>Black or African American</b>	Total	4,378	4	83	17	1	5	2	3,358	31	9	551	246	1	10	60	0
	AHCCCS	2,830	1	31	13	1	4	1	2,219	25	7	368	127	1	5	27	0
	IHS	6	0	0	0	0	0	0	4	0	0	1	1	0	0	0	0
	Private Insurance	1,455	2	52	4	0	1	1	1,070	5	2	174	107	0	4	33	0
	Self	64	0	0	0	0	0	0	46	0	0	7	11	0	0	0	0
Unknown	23	1	0	0	0	0	0	19	1	0	1	0	0	1	0	0	
<b>American Indian or Alaska Native</b>	Total	6,170	992	16	735	229	98	3	1,837	70	1,073	594	386	4	59	44	30
	AHCCCS	3,549	435	10	373	47	18	1	1,170	53	699	408	258	4	37	27	9
	IHS	1,599	379	0	304	168	74	0	188	0	308	92	55	0	10	4	17
	Private Insurance	770	16	6	50	14	5	1	446	13	44	89	62	0	12	9	3
	Self	49	1	0	3	0	1	1	23	4	3	4	6	0	0	4	0
Unknown	203	161	0	5	0	0	0	10	0	19	1	5	0	0	0	1	
<b>Asian or Pacific Islander</b>	Total	3,396	6	53	36	4	3	2	2,592	32	19	419	149	3	17	60	1
	AHCCCS	894	2	12	13	1	2	0	640	16	10	134	41	2	6	15	0
	IHS	8	0	0	3	0	0	0	0	0	4	1	0	0	0	0	0
	Private Insurance	2,402	4	41	20	2	1	2	1,887	15	4	270	102	1	10	42	1
	Self	78	0	0	0	1	0	0	53	1	1	12	6	0	1	3	0
Unknown	14	0	0	0	0	0	0	12	0	0	2	0	0	0	0	0	
<b>Other/Unknown</b>	Total	529	14	23	16	4	2	0	303	17	13	92	22	1	13	9	0
	AHCCCS	265	3	7	9	3	1	0	167	8	10	35	13	0	6	3	0
	IHS	8	5	0	0	0	0	0	1	0	0	2	0	0	0	0	0
	Private Insurance	226	4	16	6	1	1	1	121	4	3	51	9	1	5	4	0
	Self	13	0	0	0	0	0	0	10	0	0	2	0	0	1	0	0
Unknown	17	2	0	1	0	0	0	4	5	0	2	0	0	1	2	0	



**TABLE 5B-8  
BIRTHS BY MOTHER'S RACE/ETHNICITY, CHILD'S GENDER AND COUNTY OF RESIDENCE, ARIZONA, 2009**

	All race/ethnic groups			White non-Hispanic			Hispanic or Latino			Black or African American			American Indian or Alaska Native			Asian or Pacific Islander			Other/Unknown		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
<b>ARIZONA</b>	92,616	47,353	45,263	39,781	20,354	19,427	38,362	19,584	18,778	4,378	2,278	2,100	6,170	3,112	3,058	3,396	1,757	1,639	529	268	261
<b>Apache</b>	1,242	650	592	179	91	88	47	26	21	4	1	3	992	522	470	6	2	4	14	8	6
<b>Cochise</b>	1,846	925	921	911	471	440	760	370	390	83	36	47	16	6	10	53	28	25	23	14	9
<b>Coconino</b>	1,894	1,008	886	888	459	429	202	109	93	17	8	9	735	403	332	36	21	15	16	8	8
<b>Gila</b>	704	373	331	297	161	136	169	89	80	1	0	1	229	119	110	4	3	1	4	1	3
<b>Graham</b>	645	330	315	348	182	166	189	94	95	5	3	2	98	48	50	3	2	1	2	1	1
<b>Greenlee</b>	130	59	71	57	25	32	66	31	35	2	1	1	3	1	2	2	1	1	0	0	0
<b>Maricopa</b>	57,663	29,503	28,160	24,625	12,631	11,994	24,948	12,664	12,284	3,358	1,770	1,588	1,837	917	920	2,592	1,368	1,224	303	153	150
<b>Mohave</b>	2,220	1,064	1,156	1,617	771	846	453	228	225	31	11	20	70	32	38	32	15	17	17	7	10
<b>Navajo</b>	1,893	930	963	634	338	296	145	68	77	9	4	5	1,073	505	568	19	9	10	13	6	7
<b>Pima</b>	12,840	6,611	6,229	5,044	2,573	2,471	6,140	3,198	2,942	551	291	260	594	307	287	419	195	224	92	47	45
<b>Pinal</b>	5,309	2,757	2,552	2,892	1,516	1,376	1,614	842	772	246	119	127	386	191	195	149	78	71	22	11	11
<b>Santa Cruz</b>	761	378	383	58	32	26	694	342	352	1	0	1	4	3	1	3	1	2	1	0	1
<b>Yavapai</b>	2,061	1,031	1,030	1,438	723	715	524	268	256	10	4	6	59	20	39	17	8	9	13	8	5
<b>Yuma</b>	3,234	1,650	1,584	694	329	365	2,367	1,236	1,131	60	30	30	44	26	18	60	25	35	9	4	5
<b>La Paz</b>	174	84	90	99	52	47	44	19	25	0	0	0	30	12	18	1	1	0	0	0	0

**TABLE 5B-9  
NUMBER OF BIRTHS BY MOTHER'S AGE GROUP AND COUNTY OF RESIDENCE, ARIZONA, 2009**

	Total	Mother's age group										Unknown
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+		
<b>ARIZONA</b>	92,616	132	3,501	7,319	23,874	26,440	19,732	9,431	2,008	170	9	
<b>Apache</b>	1,242	2	58	147	354	321	197	121	41	0	1	
<b>Cochise</b>	1,846	1	74	180	547	578	322	113	28	2	1	
<b>Coconino</b>	1,894	1	88	162	541	502	360	189	47	4	0	
<b>Gila</b>	704	1	48	101	257	159	87	43	8	0	0	
<b>Graham</b>	645	3	31	76	213	206	82	29	5	0	0	
<b>Greenlee</b>	130	0	8	21	40	34	20	4	3	0	0	
<b>Maricopa</b>	57,663	74	2,044	4,128	14,018	16,464	13,101	6,393	1,332	106	3	
<b>Mohave</b>	2,220	3	78	228	734	604	365	147	55	6	0	
<b>Navajo</b>	1,893	5	101	237	609	466	308	131	31	5	0	
<b>Pima</b>	12,840	18	479	1,027	3,348	3,667	2,715	1,294	258	31	3	
<b>Pinal</b>	5,309	7	198	355	1,325	1,735	1,137	468	75	8	1	
<b>Santa Cruz</b>	761	0	35	78	214	208	127	78	20	1	0	
<b>Yavapai</b>	2,061	5	71	211	595	579	369	181	44	6	0	
<b>Yuma</b>	3,234	11	180	346	1,024	867	518	231	56	1	0	
<b>La Paz</b>	174	1	8	22	55	50	24	9	5	0	0	

**TABLE 5B-10  
BIRTHS BY MOTHER'S AGE GROUP, RACE/ETHNICITY AND COUNTY OF RESIDENCE, ARIZONA, 2009**

		Total	Mother's age group									
			<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	Un-know
ARIZONA	Total	92,616	132	3,501	7,319	23,874	26,440	19,732	9,431	2,008	170	9
	White non-Hispanic	39,781	20	649	2,046	9,012	12,437	9,933	4,601	987	94	2
	Hispanic or Latino	38,362	87	2,253	4,001	10,979	10,163	6,886	3,292	664	36	1
	Black or African American	4,378	6	181	416	1,371	1,169	752	396	77	10	0
	American Indian or Alaska Native	6,170	17	394	759	2,035	1,494	898	454	113	5	1
	Asian or Pacific Islander	3,396	2	18	68	383	1,037	1,157	597	126	8	0
	Other/unknown	529	0	6	29	94	140	106	91	41	17	5
Apache	Total	1,242	2	58	147	354	321	197	121	41	0	1
	White non-Hispanic	179	0	6	15	54	58	29	10	7	0	0
	Hispanic or Latino	47	0	0	7	16	12	7	5	0	0	0
	Black or African American	4	0	0	0	1	1	1	1	0	0	0
	American Indian or Alaska Native	992	2	52	123	281	244	155	101	33	0	1
	Asian or Pacific Islander	6	0	0	0	1	1	3	1	0	0	0
	Other/unknown	14	0	0	2	1	5	2	3	1	0	0
Cochise	Total	1,846	1	74	180	547	578	322	113	28	2	1
	White non-Hispanic	911	0	13	68	260	314	180	61	15	0	0
	Hispanic or Latino	760	1	58	98	234	212	101	46	9	1	0
	Black or African American	83	0	2	9	29	26	11	3	3	0	0
	American Indian or Alaska Native	16	0	0	1	7	2	4	1	1	0	0
	Asian or Pacific Islander	53	0	0	2	10	20	20	1	0	0	0
	Other/unknown	23	0	1	2	7	4	6	1	0	1	1
Coconino	Total	1,894	1	88	162	541	502	360	189	47	4	0
	White non-Hispanic	888	0	23	50	218	273	206	99	16	3	0
	Hispanic or Latino	202	1	22	20	55	47	37	19	1	0	0
	Black or African American	17	0	0	2	6	5	1	2	1	0	0
	American Indian or Alaska Native	735	0	42	87	253	167	103	56	26	1	0
	Asian or Pacific Islander	36	0	0	1	7	6	11	9	2	0	0
	Other/unknown	16	0	1	2	2	4	2	4	1	0	0
Gila	Total	704	1	48	101	257	159	87	43	8	0	0
	White non-Hispanic	297	1	9	40	105	74	46	20	2	0	0
	Hispanic or Latino	169	0	12	22	63	37	21	12	2	0	0
	Black or African American	1	0	0	0	0	1	0	0	0	0	0
	American Indian or Alaska Native	229	0	27	38	88	43	19	11	3	0	0
	Asian or Pacific Islander	4	0	0	1	0	2	0	0	1	0	0
	Other/unknown	4	0	0	0	1	2	1	0	0	0	0
Graham	Total	645	3	31	76	213	206	82	29	5	0	0
	White non-Hispanic	348	0	5	26	117	126	57	15	2	0	0
	Hispanic or Latino	189	2	15	36	64	48	14	8	2	0	0
	Black or African American	5	0	0	0	1	3	1	0	0	0	0
	American Indian or Alaska Native	98	1	11	14	29	27	10	5	1	0	0
	Asian or Pacific Islander	3	0	0	0	1	1	0	1	0	0	0
	Other/unknown	2	0	0	0	1	1	0	0	0	0	0
Greenlee	Total	130	0	8	21	40	34	20	4	3	0	0
	White non-Hispanic	57	0	1	5	22	16	9	3	1	0	0
	Hispanic or Latino	66	0	6	15	17	15	10	1	2	0	0
	Black or African American	2	0	1	0	0	1	0	0	0	0	0
	American Indian or Alaska Native	3	0	0	1	1	1	0	0	0	0	0
	Asian or Pacific Islander	2	0	0	0	0	1	1	0	0	0	0
	Other/unknown	0	0	0	0	0	0	0	0	0	0	0
Maricopa	Total	57,663	74	2,044	4,128	14,018	16,464	13,101	6,393	1,332	106	3
	White non-Hispanic	24,625	11	332	1,079	5,018	7,660	6,613	3,180	675	55	2
	Hispanic or Latino	24,948	53	1,439	2,485	6,997	6,585	4,663	2,247	454	25	0
	Black or African American	3,358	6	145	313	1,046	883	580	318	59	8	0
	American Indian or Alaska Native	1,837	3	109	191	630	461	288	133	21	1	0
	Asian or Pacific Islander	2,592	1	17	49	262	800	899	460	96	8	0
	Other/unknown	303	0	2	11	65	75	58	55	27	9	1



**TABLE 5B-11  
BIRTHS BY TRIMESTER OF PREGNANCY PRENATAL CARE BEGAN AND MOTHER'S COUNTY OF RESIDENCE, ARIZONA, 2009**

	Total		No care		1st trimester		2nd trimester		3rd trimester		Unknown	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>ARIZONA</b>	92,616	100.0	1,702	1.8	74,331	80.3	13,298	14.4	3,133	3.4	152	0.2
<b>Apache</b>	1,242	100.0	16	1.3	735	59.2	342	27.5	144	11.6	5	0.4
<b>Cochise</b>	1,846	100.0	61	3.3	1,476	80.0	257	13.9	52	2.8	0	0.0
<b>Coconino</b>	1,894	100.0	19	1.0	1,618	85.4	210	11.1	40	2.1	7	0.4
<b>Gila</b>	704	100.0	4	0.6	432	61.4	215	30.5	53	7.5	0	0.0
<b>Graham</b>	645	100.0	5	0.8	462	71.6	151	23.4	25	3.9	2	0.3
<b>Greenlee</b>	130	100.0	0	0.0	100	76.9	26	20.0	4	3.1	0	0.0
<b>Maricopa</b>	57,663	100.0	864	1.5	48,692	84.4	6,700	11.6	1,299	2.3	108	0.2
<b>Mohave</b>	2,220	100.0	22	1.0	1,704	76.8	377	17.0	116	5.2	1	0.0
<b>Navajo</b>	1,893	100.0	29	1.5	1,245	65.8	479	25.3	129	6.8	11	0.6
<b>Pima</b>	12,840	100.0	311	2.4	9,224	71.8	2,646	20.6	652	5.1	7	0.1
<b>Pinal</b>	5,309	100.0	86	1.6	4,543	85.6	575	10.8	102	1.9	3	0.1
<b>Santa Cruz</b>	761	100.0	17	2.2	519	68.2	160	21.0	64	8.4	1	0.1
<b>Yavapai</b>	2,061	100.0	24	1.2	1,523	73.9	394	19.1	116	5.6	4	0.2
<b>Yuma</b>	3,234	100.0	235	7.3	1,928	59.6	738	22.8	330	10.2	3	0.1
<b>La Paz</b>	174	100.0	9	5.2	130	74.7	28	16.1	7	4.0	0	0.0

**TABLE 5B-12  
BIRTHS BY NUMBER OF PRENATAL VISITS AND COUNTY OF RESIDENCE, ARIZONA, 2009**

	Total		Number of prenatal visits											
			No visits		1-4 visits		5-8 visits		9-12 visits		13+ visits		Unknown	
			Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>ARIZONA</b>	92,616	100.0	1,702	1.8	3,213	3.5	14,484	15.6	45,278	48.9	27,754	30.0	185	0.2
<b>Apache</b>	1,242	100.0	16	1.3	119	9.6	356	28.7	527	42.4	210	16.9	14	1.1
<b>Cochise</b>	1,846	100.0	61	3.3	45	2.4	134	7.3	591	32.0	1,014	54.9	1	0.1
<b>Coconino</b>	1,894	100.0	19	1.0	88	4.6	289	15.3	1,070	56.5	421	22.2	7	0.4
<b>Gila</b>	704	100.0	4	0.6	40	5.7	163	23.2	369	52.4	126	17.9	2	0.3
<b>Graham</b>	645	100.0	5	0.8	85	13.2	244	37.8	256	39.7	53	8.2	2	0.3
<b>Greenlee</b>	130	100.0	0	0.0	12	9.2	56	43.1	59	45.4	3	2.3	0	0.0
<b>Maricopa</b>	57,663	100.0	864	1.5	1,495	2.6	7,936	13.8	28,396	49.2	18,852	32.7	120	0.2
<b>Mohave</b>	2,220	100.0	22	1.0	81	3.6	333	15.0	900	40.5	884	39.8	0	0.0
<b>Navajo</b>	1,893	100.0	29	1.5	163	8.6	549	29.0	844	44.6	294	15.5	14	0.7
<b>Pima</b>	12,840	100.0	311	2.4	571	4.4	2,368	18.4	6,178	48.1	3,403	26.5	9	0.1
<b>Pinal</b>	5,309	100.0	86	1.6	97	1.8	608	11.5	3,190	60.1	1,325	25.0	3	0.1
<b>Santa Cruz</b>	761	100.0	17	2.2	94	12.4	260	34.2	309	40.6	80	10.5	1	0.1
<b>Yavapai</b>	2,061	100.0	24	1.2	99	4.8	358	17.4	1,117	54.2	457	22.2	6	0.3
<b>Yuma</b>	3,234	100.0	235	7.3	216	6.7	789	24.4	1,415	43.8	574	17.7	5	0.2
<b>La Paz</b>	174	100.0	9	5.2	8	4.6	41	23.6	57	32.8	58	33.3	1	0.6

**TABLE 5B-13  
BIRTHS BY MOTHER'S EDUCATION AND COUNTY OF RESIDENCE, ARIZONA, 2009**

	Total	Mother's education							Unknown
		<8	8	9-11	12	13-16	17+		
<b>ARIZONA</b>	92,616	3,534	2,128	16,493	28,319	32,955	8,507	680	
<b>Apache</b>	1,242	12	11	203	542	413	48	13	
<b>Cochise</b>	1,846	15	33	264	615	795	114	10	
<b>Coconino</b>	1,894	39	20	302	588	704	208	33	
<b>Gila</b>	704	6	18	167	311	186	15	1	
<b>Graham</b>	645	4	10	121	299	196	12	3	
<b>Greenlee</b>	130	1	1	29	69	24	6	0	
<b>Maricopa</b>	57,663	2,897	1,363	10,170	16,285	20,839	5,799	310	
<b>Mohave</b>	2,220	43	95	485	917	564	51	65	
<b>Navajo</b>	1,893	14	33	423	777	579	59	8	
<b>Pima</b>	12,840	231	210	2,271	3,856	4,779	1,298	195	
<b>Pinal</b>	5,309	78	66	848	1,658	2,253	392	14	
<b>Santa Cruz</b>	761	13	22	173	284	237	30	2	
<b>Yavapai</b>	2,061	76	65	393	758	641	121	7	
<b>Yuma</b>	3,234	102	175	599	1,288	715	349	6	
<b>La Paz</b>	174	3	6	45	72	30	5	13	

**TABLE 5B-14  
BIRTHS TO UNWED MOTHERS BY AGE GROUP AND COUNTY OF RESIDENCE, ARIZONA, 2009**

	Total	Mother's age group										Unknown
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+		
<b>ARIZONA</b>	41,856	132	3,277	6,198	14,816	9,586	5,045	2,240	533	25	4	
<b>Apache</b>	834	2	54	126	263	200	105	67	16	0	1	
<b>Cochise</b>	727	1	71	142	251	161	68	27	6	0	0	
<b>Coconino</b>	934	1	85	136	352	182	104	56	18	0	0	
<b>Gila</b>	426	1	43	83	180	67	33	17	2	0	0	
<b>Graham</b>	302	3	27	66	116	53	20	16	1	0	0	
<b>Greenlee</b>	68	0	8	17	21	13	4	3	2	0	0	
<b>Maricopa</b>	25,538	74	1,915	3,567	8,881	6,038	3,276	1,431	342	14	0	
<b>Mohave</b>	1,069	3	73	175	427	228	101	47	15	0	0	
<b>Navajo</b>	1,132	5	94	199	406	232	129	53	12	2	0	
<b>Pima</b>	5,854	18	452	855	2,139	1,325	683	296	77	7	2	
<b>Pinal</b>	2,100	7	188	305	748	493	240	107	11	0	1	
<b>Santa Cruz</b>	357	0	29	64	127	80	37	18	2	0	0	
<b>Yavapai</b>	932	5	67	172	320	206	106	43	11	2	0	
<b>Yuma</b>	1,478	11	164	272	548	285	126	55	17	0	0	
<b>La Paz</b>	105	1	7	19	37	23	13	4	1	0	0	



**TABLE 5B-15  
BIRTHS TO UNWED MOTHERS BY RACE/ETHNICITY, EDUCATION, AND COUNTY OF RESIDENCE, ARIZONA, 2009**

	Total	Race/ethnicity						Education						
		White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	Un-known	<8	8	9-11	12	13-16	17+	Un-known
<b>ARIZONA</b>	41,856	11,825	21,840	2,746	4,746	536	163	1,970	1,445	12,096	15,779	9,532	827	207
<b>Apache</b>	834	46	26	2	753	1	6	6	7	166	386	246	14	9
<b>Cochise</b>	727	250	418	34	8	10	7	8	22	193	307	177	16	4
<b>Coconino</b>	934	234	108	11	568	7	6	19	16	240	388	235	21	15
<b>Gila</b>	426	133	112	0	179	2	0	1	14	136	202	71	2	0
<b>Graham</b>	302	98	125	2	77	0	0	3	9	96	157	35	2	0
<b>Greenlee</b>	68	21	45	1	1	0	0	1	1	25	35	5	1	0
<b>Maricopa</b>	25,538	6,948	14,541	2,190	1,375	383	101	1,661	940	7,455	9,061	5,812	503	106
<b>Mohave</b>	1,069	731	251	18	57	6	6	21	27	327	462	192	11	29
<b>Navajo</b>	1,132	206	72	7	837	3	7	7	27	336	515	234	9	4
<b>Pima</b>	5,854	1,559	3,404	314	475	82	20	102	151	1,690	2,253	1,499	137	22
<b>Pinal</b>	2,100	764	859	129	316	26	6	38	55	634	816	522	32	3
<b>Santa Cruz</b>	357	23	330	0	3	1	0	8	14	104	134	93	3	1
<b>Yavapai</b>	932	574	308	7	39	3	1	40	48	269	385	170	18	2
<b>Yuma</b>	1,478	175	1,225	31	32	12	3	54	111	394	632	227	57	3
<b>La Paz</b>	105	63	16	0	26	0	0	1	3	31	46	14	1	9

**TABLE 5B-16  
LOW-BIRTHWEIGHT BIRTHS BY COUNTY OF RESIDENCE, ARIZONA, 1999-2009**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>ARIZONA*</b>	5,536	5,975	5,943	5,926	6,427	6,704	6,640	7,266	7,285	7,026	6,573
<b>Apache</b>	79	84	80	57	84	102	101	80	69	89	91
<b>Cochise</b>	143	114	126	117	131	128	144	171	140	141	152
<b>Coconino</b>	142	125	155	137	161	175	173	175	158	155	154
<b>Gila</b>	56	46	37	48	59	55	52	59	61	72	55
<b>Graham</b>	35	28	31	38	19	36	31	46	48	62	46
<b>Greenlee</b>	9	5	8	5	6	8	7	5	13	9	7
<b>Maricopa</b>	3,537	3,711	3,849	3,799	4,110	4,271	4,253	4,638	4,662	4,370	4,113
<b>Mohave</b>	102	125	107	134	145	146	133	155	180	141	136
<b>Navajo</b>	139	142	127	118	134	150	149	152	152	160	148
<b>Pima</b>	802	1,021	873	922	970	969	907	1,047	978	1,024	895
<b>Pinal</b>	157	195	185	209	195	224	285	298	346	358	352
<b>Santa Cruz</b>	51	51	50	48	60	78	50	52	49	61	73
<b>Yavapai</b>	117	130	123	130	132	141	154	171	189	146	154
<b>Yuma</b>	157	173	174	149	204	202	185	195	219	222	188
<b>La Paz</b>	7	13	13	12	9	11	9	14	21	16	9

\* Includes records with unknown county of residence.

**TABLE 5B-17  
LOW-BIRTHWEIGHT BIRTH RATIOS<sup>1</sup> IN THE UNITED STATES AND IN URBAN AND RURAL COUNTIES OF ARIZONA,  
1999-2009**

County of residence	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>UNITED STATES</b>	76.1	75.6	76.6	78.0	79.2	80.7	82.0	83.0	82.0	82.0	NA
<b>ARIZONA</b>	68.8	70.3	69.7	67.8	70.8	71.8	69.3	71.2	70.9	70.8	71.0
<b>URBAN COUNTIES</b>	<b>67.8</b>	<b>70.3</b>	<b>69.2</b>	<b>67.9</b>	<b>70.3</b>	<b>70.9</b>	<b>68.5</b>	<b>70.3</b>	<b>70.3</b>	<b>70.1</b>	<b>70.2</b>
<b>Maricopa</b>	68.7	68.1	69.2	67.1	69.7	70.6	68.3	70.1	70.7	69.7	71.3
<b>Pinal<sup>2</sup></b>	65.4	74.8	72.4	77.3	66.8	73.0	78.3	66.7	70.9	62.5	70.0
<b>Pima</b>	67.6	81.6	71.9	74.0	75.8	74.4	69.9	75.2	65.5	75.8	66.3
<b>Yuma</b>	55.3	57.5	58.0	48.5	64.0	60.9	56.2	58.1	67.3	66.0	58.1
<b>RURAL COUNTIES</b>	<b>74.1</b>	<b>70.0</b>	<b>72.4</b>	<b>67.6</b>	<b>73.2</b>	<b>79.5</b>	<b>73.7</b>	<b>76.7</b>	<b>74.9</b>	<b>75.4</b>	<b>75.5</b>
<b>Apache</b>	71.6	65.1	74.5	51.2	67.2	76.3	78.7	67.3	60.1	70.8	73.3
<b>Cochise</b>	85.7	65.6	77.0	68.4	74.6	70.7	81.4	94.6	75.3	73.5	82.3
<b>Coconino</b>	78.7	67.3	82.8	73.4	83.9	86.3	83.6	84.9	74.1	79.2	81.3
<b>Gila</b>	83.3	68.0	57.0	69.0	85.3	82.3	80.1	88.5	87.9	78.1	78.1
<b>Graham</b>	73.5	61.0	70.0	78.0	43.8	79.8	68.6	85.2	82.5	103.3	71.3
<b>Greenlee</b>	63.8	46.3	84.2	51.5	69.0	78.4	70.7	45.5	94.2	96.3	53.8
<b>La Paz</b>	51.9	70.7	70.3	52.2	41.7	47.8	36.7	61.1	91.3	65.0	51.7
<b>Mohave</b>	58.5	70.1	58.8	67.6	67.9	66.6	59.5	62.8	73.8	61.3	61.3
<b>Navajo</b>	79.4	84.4	80.7	72.2	78.1	83.8	78.3	81.0	75.5	82.3	78.2
<b>Santa Cruz</b>	67.6	63.9	65.9	63.0	75.8	96.5	64.0	69.1	64.0	76.6	95.9
<b>Yavapai</b>	71.9	73.9	70.5	67.8	71.4	70.6	72.8	71.8	78.4	65.9	74.7

<sup>1</sup>Per 1,000 live births.

<sup>2</sup>Pinal county became part of the Phoenix-Mesa-Scottsdale Metropolitan Area in 1993. This metropolitan area includes all of Maricopa and Pinal counties.

**TABLE 5B-18  
LOW-BIRTHWEIGHT BIRTHS BY MOTHER'S RACE/ETHNICITY AND COUNTY OF RESIDENCE, ARIZONA, 2009**

	Total	Mother's race/ethnicity						Unknown
		White non Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	Unknown	
<b>ARIZONA</b>	6,573	2,727	2,546	559	396	299	46	
<b>Apache</b>	91	19	1	1	69	0	1	
<b>Cochise</b>	152	80	57	7	0	6	2	
<b>Coconino</b>	154	82	25	0	41	4	2	
<b>Gila</b>	55	24	16	0	15	0	0	
<b>Graham</b>	46	29	10	0	7	0	0	
<b>Greenlee</b>	7	4	3	0	0	0	0	
<b>Maricopa</b>	4,113	1,702	1,612	443	99	230	27	
<b>Mohave</b>	136	103	25	1	2	4	1	
<b>Navajo</b>	148	41	14	1	88	4	0	
<b>Pima</b>	895	333	417	60	42	34	9	
<b>Pinal</b>	352	172	105	38	24	12	1	
<b>Santa Cruz</b>	73	3	70	0	0	0	0	
<b>Yavapai</b>	154	93	52	3	2	1	3	
<b>Yuma</b>	188	40	136	5	3	4	0	
<b>La Paz</b>	9	2	3	0	4	0	0	

TABLE 5B-19  
 LOW-BIRTHWEIGHT BIRTHS BY MOTHER'S AGE GROUP AND COUNTY OF RESIDENCE, ARIZONA, 2009

	Total	Mother's age group										Un- known
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+		
ARIZONA	6,573	12	265	583	1,618	1,638	1,441	791	180	44	1	
Apache	91	0	6	9	25	24	16	7	4	0	0	
Cochise	152	0	4	15	47	49	27	7	3	0	0	
Coconino	154	0	5	15	37	36	28	24	6	3	0	
Gila	55	1	1	5	17	12	10	9	0	0	0	
Graham	46	1	3	6	13	14	6	2	1	0	0	
Greenlee	7	0	1	2	1	1	1	1	0	0	0	
Maricopa	4,113	3	153	356	964	1,018	946	539	109	25	0	
Mohave	136	0	5	18	39	29	23	11	7	4	0	
Navajo	148	0	12	17	43	37	29	7	2	1	0	
Pima	895	3	39	75	207	223	196	115	26	10	1	
Pinal	352	1	11	29	98	93	79	31	10	0	0	
Santa Cruz	73	0	3	4	21	20	18	7	0	0	0	
Yavapai	154	2	8	11	48	35	26	17	6	1	0	
Yuma	188	1	14	20	57	45	33	14	4	0	0	
La Paz	9	0	0	1	1	2	3	0	2	0	0	

**TABLE 5B-20  
TOTAL BIRTHS AND LOW-BIRTHWEIGHT BIRTHS BY THE PARTY PAYING FOR THE DELIVERY AND COUNTY OF RESIDENCE, ARIZONA, 2009**

TOTAL	ALL GROUPS	ARIZONA										La Paz				
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Piima		Pinal	Santa Cruz	Yavapai	Yuma
Payee for birth	Weight at birth	91	152	154	55	46	7	4,113	136	148	895	352	73	154	188	9
	<2,500 g	6,573														
	2,500 + g	86,024	1,150	1,693	1,740	649	599	53,539	2,084	1,744	11,942	4,956	688	1,906	3,046	165
AHCCCS*	Unknown	19	1	1	0	0	0	11	0	1	3	1	0	1	0	0
	Total	92,616	1,242	1,846	1,894	704	645	57,663	2,220	1,893	12,840	5,309	761	2,061	3,234	174
	Weight at birth	3,611	40	81	79	36	31	5	2,251	83	109	483	157	47	88	116
IHS	2,500 + g	45,918	521	814	844	342	306	28,359	1,277	1,136	6,475	2,154	443	1,221	1,880	95
	Unknown	9	1	1	0	0	0	6	0	0	1	0	0	0	0	0
	Total	49,538	562	896	923	378	337	30,616	1,360	1,245	6,959	2,311	490	1,309	1,996	100
Private insurance	Weight at birth	76	17	0	10	6	3	0	13	0	18	8	1	0	0	0
	<2,500 g															
	2,500 + g	1,607	367	1	299	162	71	0	209	5	295	95	58	0	11	5
Self	Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	1,683	384	1	309	168	74	0	222	5	313	103	59	0	11	5
	Weight at birth	2,635	6	68	64	13	12	2	1,712	30	17	382	186	23	59	57
Unknown	<2,500 g															
	2,500 + g	35,304	93	823	533	132	212	68	23,371	469	2,70	5,027	2,533	172	584	980
	Unknown	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Total	Total	37,941	99	891	597	145	224	70	25,085	499	287	5,409	2,719	195	643	1,037
	Weight at birth	159	1	0	1	0	0	0	102	7	3	18	5	3	5	14
	2,500 + g	2,305	3	44	35	12	9	2	1,271	111	17	326	149	70	83	172
Total	Unknown	3	0	0	0	0	0	0	0	0	1	0	1	0	1	0
	Total	2,467	4	44	36	12	9	2	1,373	118	21	344	155	73	89	186
	Weight at birth	92	27	3	0	0	0	0	35	16	1	4	3	0	2	1
Total	2,500 + g	890	166	11	29	1	1	2	329	222	26	19	62	3	7	9
	Unknown	3	0	0	0	0	0	2	0	0	0	1	0	0	0	0
	Total	985	193	14	29	1	1	2	366	238	27	24	65	3	9	10

\* 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, 2009**

			Prenatal visits					Total	
			No visits	1-4 visits	5-8 visits	9-12 visits	13+ visits		Unknown
Apache	Births <2,500 grams (LBW)	Count	2	11	30	23	19	6	91
		Share of LBW births*	2.2%	12.1%	33.0%	25.3%	20.9%	6.6%	100.0%
		LBW risk**	12.5%	9.2%	8.4%	4.4%	9.0%	42.9%	7.3%
	Total births	Count	16	119	356	527	210	14	1242
Cochise	Births <2,500 grams (LBW)	Count	4	5	28	47	68	0	152
		Share of LBW births*	2.6%	3.3%	18.4%	30.9%	44.7%	0.0%	100.0%
		LBW risk**	6.6%	11.1%	20.9%	8.0%	6.7%	0.0%	8.2%
	Total births	Count	61	45	134	591	1014	1	1846
Coconino	Births <2,500 grams (LBW)	Count	4	9	31	72	38	0	154
		Share of LBW births*	2.6%	5.8%	20.1%	46.8%	24.7%	0.0%	100.0%
		LBW risk**	21.1%	10.2%	10.7%	6.7%	9.0%	0.0%	8.1%
	Total births	Count	19	88	289	1070	421	7	1894
Gila	Births <2,500 grams (LBW)	Count	1	6	7	32	9	0	55
		Share of LBW births*	1.8%	10.9%	12.7%	58.2%	16.4%	0.0%	100.0%
		LBW risk**	25.0%	15.0%	4.3%	8.7%	7.1%	0.0%	7.8%
	Total births	Count	4	40	163	369	126	2	704
Graham	Births <2,500 grams (LBW)	Count	2	10	18	8	6	2	46
		Share of LBW births*	4.3%	21.7%	39.1%	17.4%	13.0%	4.3%	100.0%
		LBW risk**	40.0%	11.8%	7.4%	3.1%	11.3%	100.0%	7.1%
	Total births	Count	5	85	244	256	53	2	645
Greenlee	Births <2,500 grams (LBW)	Count	0	0	3	4	0	0	7
		Share of LBW births*	0.0%	0.0%	42.9%	57.1%	0.0%	0.0%	100.0%
		LBW risk**	0.0%	0.0%	5.4%	6.8%	0.0%	0.0%	5.4%
	Total births	Count	0	12	56	59	3	0	130
Maricopa	Births <2,500 grams (LBW)	Count	143	268	896	1,615	1,174	17	4,113
		Share of LBW births*	3.5%	6.5%	21.8%	39.3%	28.5%	0.4%	100.0%
		LBW risk**	16.6%	17.9%	11.3%	5.7%	6.2%	14.2%	7.1%
	Total births	Count	864	1495	7936	28396	18852	120	57663
Mohave	Births <2,500 grams (LBW)	Count	5	7	40	40	44	0	136
		Share of LBW births*	3.7%	5.1%	29.4%	29.4%	32.4%	0.0%	100.0%
		LBW risk**	22.7%	8.6%	12.0%	4.4%	5.0%	0.0%	6.1%
	Total births	Count	22	81	333	900	884	0	2220
Navajo	Births <2,500 grams (LBW)	Count	5	20	55	51	16	1	148
		Share of LBW births*	3.4%	13.5%	37.2%	34.5%	10.8%	0.7%	100.0%
		LBW risk**	17.2%	12.3%	10.0%	6.0%	5.4%	7.1%	7.8%
	Total births	Count	29	163	549	844	294	14	1893
Pima	Births <2,500 grams (LBW)	Count	32	88	291	303	179	2	895
		Share of LBW births*	3.6%	9.8%	32.5%	33.9%	20.0%	0.2%	100.0%
		LBW risk**	10.3%	15.4%	12.3%	4.9%	5.3%	22.2%	7.0%
	Total births	Count	311	571	2368	6178	3403	9	12840
Pinal	Births <2,500 grams (LBW)	Count	10	20	68	174	80	0	352
		LBW risk**	2.8%	5.7%	19.3%	49.4%	22.7%	0.0%	100.0%
		Share of LBW births*	11.6%	20.6%	11.2%	5.5%	6.0%	0.0%	6.6%
	Total births	Count	86	97	608	3190	1325	3	5309
Santa Cruz	Births <2,500 grams (LBW)	Count	0	12	31	19	11	0	73
		Share of LBW births*	0.0%	16.4%	42.5%	26.0%	15.1%	0.0%	100.0%
		LBW risk**	0.0%	12.8%	11.9%	6.1%	13.8%	0.0%	9.6%
	Total births	Count	17	94	260	309	80	1	761
Yavapai	Births <2,500 grams (LBW)	Count	2	20	35	75	20	2	154
		Share of LBW births*	1.3%	13.0%	22.7%	48.7%	13.0%	1.3%	100.0%
		LBW risk**	8.3%	20.2%	9.8%	6.7%	4.4%	33.3%	7.5%
	Total births	Count	24	99	358	1117	457	6	2061
Yuma	Births <2,500 grams (LBW)	Count	24	22	58	58	25	1	188
		Share of LBW births*	12.8%	11.7%	30.9%	30.9%	13.3%	0.5%	100.0%
		LBW risk**	10.2%	10.2%	7.4%	4.1%	4.4%	20.0%	5.8%
	Total births	Count	235	216	789	1415	574	5	3234
La Paz	Births <2,500 grams (LBW)	Count	2	0	1	4	1	1	9
		Share of LBW births*	22.2%	0.0%	11.1%	44.4%	11.1%	11.1%	100.0%
		LBW risk**	22.2%	0.0%	2.4%	7.0%	1.7%	100.0%	5.2%
	Total births	Count	9	8	41	57	58	1	174

\* Percent distribution of LBW births by number of prenatal visits.

\*\* 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, 2009**

	Total	Marital status			Payee for births				Mother's race/ethnicity						Length of gestation			Weight at birth		Newborn intensive care		
		Married	Unmarried	Other	AHCCCS	IHS	Private insurance	Self	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	<2,500 grams	2,500+ grams	Yes	No		
<b>ARIZONA</b>	11.0	12.0	10.0	10.0	10.0	9.0	12.0	10.0	12.0	10.0	10.0	12.0	10.0	11.0	11.0	11.0	10.0	11.0	10.0	11.0	10.0	11.0
<b>Apache</b>	9.0	10.0	9.0	11.0	9.0	9.0	10.0	7.0	10.0	9.5	10.0	9.0	10.0	8.0	10.0	8.0	9.0	10.0	9.0	9.0	9.0	9.0
<b>Cochise</b>	13.0	14.0	12.0	12.0	13.0	15.0	14.0	10.0	13.0	12.5	14.0	15.0	15.0	12.0	13.0	13.0	12.0	13.0	10.0	10.0	10.0	13.0
<b>Coconino</b>	11.0	12.0	10.0	10.0	11.0	10.0	12.0	11.0	12.0	11.0	12.0	12.0	10.0	11.0	11.0	10.0	11.0	11.0	12.0	12.0	11.0	11.0
<b>Gila</b>	10.0	11.0	10.0	11.0	10.0	8.0	11.0	12.0	10.0	10.0	9.0	9.0	9.0	10.0	10.0	11.0	10.0	10.0	10.0	10.0	10.0	10.0
<b>Graham</b>	8.0	9.0	8.0	12.5	8.0	6.0	9.0	9.0	9.0	8.0	7.0	6.0	8.0	7.0	9.0	7.5	6.0	8.0	6.0	6.0	8.0	8.0
<b>Greenlee</b>	8.0	9.0	8.0	9.0	8.0	0.0	9.0	8.0	8.0	8.0	9.0	8.0	8.5	8.5	8.0	0.0	9.0	8.0	8.0	8.0	8.0	8.0
<b>Maricopa</b>	12.0	12.0	10.0	10.0	10.0	8.0	12.0	12.0	12.0	10.0	11.0	10.0	12.0	10.0	12.0	12.0	10.0	12.0	10.0	10.0	10.0	12.0
<b>Mohave</b>	12.0	12.0	12.0	10.0	12.0	13.0	13.0	9.0	12.0	11.0	10.0	10.0	12.0	10.0	12.0	2.0	10.0	12.0	10.0	10.0	10.0	12.0
<b>Navajo</b>	10.0	10.0	9.0	8.0	9.0	9.0	10.0	7.0	10.0	9.0	10.0	9.0	9.0	9.0	10.5	10.5	8.0	10.0	10.0	10.0	10.0	10.0
<b>Pima</b>	11.0	11.0	10.0	10.0	10.0	8.0	11.0	9.0	10.0	11.0	11.0	10.0	11.0	9.0	11.0	12.0	9.0	11.0	10.0	10.0	10.0	11.0
<b>Pinal</b>	12.0	12.0	10.0	10.0	10.0	9.5	12.0	10.0	10.0	10.0	12.0	12.0	12.0	10.0	12.0	13.0	10.0	12.0	10.0	10.0	10.0	12.0
<b>Santa Cruz</b>	9.0	9.0	8.0	11.5	9.0	0.0	10.0	7.5	10.0	9.0	7.0	9.0	13.0	7.0	9.0	7.0	8.0	9.0	8.0	8.0	8.0	9.0
<b>Yavapai</b>	11.0	11.0	10.0	10.0	10.0	10.0	12.0	12.0	11.0	10.0	11.5	10.0	11.0	10.0	11.0	8.0	10.0	11.0	10.0	10.0	10.0	11.0
<b>Yuma</b>	10.0	10.0	9.0	9.0	9.0	10.0	11.0	8.0	11.0	10.0	9.0	8.5	10.0	8.0	10.0	8.0	9.0	10.0	9.5	10.0	9.5	10.0
<b>La Paz</b>	11.0	12.0	10.0	11.0	10.0	10.0	12.0	0.0	10.0	10.0	0.0	10.5	18.0	11.0	11.0	0.0	11.0	11.0	10.0	10.0	10.0	11.0

\* 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.  
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, 2009**

	Total			Gestational age							
	Total	Gestational age		Preterm, <37 weeks				37 weeks or more			
		Preterm, <37 weeks	37 weeks or more	Total	<2,500 grams	2,500+ grams	Un-known	Total	<2,500 grams	2,500+ grams	Un-known
<b>ARIZONA</b>	92,616	9,295	83,321	9,295	4,677	4,609	9	83,321	1,896	81,415	10
<b>Apache</b>	1,242	119	1,123	119	64	55	0	1,123	27	1,095	1
<b>Cochise</b>	1,846	161	1,685	161	87	74	0	1,685	65	1,619	1
<b>Coconino</b>	1,894	202	1,692	202	104	98	0	1,692	50	1,642	0
<b>Gila</b>	704	78	626	78	39	39	0	626	16	610	0
<b>Graham</b>	645	77	568	77	33	44	0	568	13	555	0
<b>Greenlee</b>	130	8	122	8	4	4	0	122	3	119	0
<b>Maricopa</b>	57,663	6,032	51,631	6,032	2,991	3,033	8	51,631	1,122	50,506	3
<b>Mohave</b>	2,220	232	1,988	232	94	138	0	1,988	42	1,946	0
<b>Navajo</b>	1,893	178	1,715	178	100	78	0	1,715	48	1,666	1
<b>Pima</b>	12,840	1,215	11,625	1,215	630	584	1	11,625	265	11,358	2
<b>Pinal</b>	5,309	511	4,798	511	258	253	0	4,798	94	4,703	1
<b>Santa Cruz</b>	761	76	685	76	41	35	0	685	32	653	0
<b>Yavapai</b>	2,061	172	1,889	172	101	71	0	1,889	53	1,835	1
<b>Yuma</b>	3,234	221	3,013	221	125	96	0	3,013	63	2,950	0
<b>La Paz</b>	174	13	161	13	6	7	0	161	3	158	0

**TABLE 5B-24  
NEWBORNS ADMITTED TO NEWBORN INTENSIVE CARE UNITS BY GESTATIONAL AGE, BIRTHWEIGHT AND MOTHER'S  
COUNTY OF RESIDENCE, ARIZONA, 2009**

	Total			Gestational age							
	Total	Gestational age		Preterm, <37 weeks			37 weeks or more				
		Preterm, <37 weeks	37 weeks or more	Total	<2,500 grams	2,500+ grams	Un-known	Total	<2,500 grams	2,500+ grams	Un-known
<b>ARIZONA</b>	5,773	3,280	2,493	3,280	2,471	808	1	2,493	211	2,282	0
<b>Apache</b>	52	35	17	35	24	11	0	17	1	16	0
<b>Cochise</b>	65	39	26	39	30	9	0	26	7	19	0
<b>Coconino</b>	43	18	25	18	16	2	0	25	0	25	0
<b>Gila</b>	40	24	16	24	18	6	0	16	2	14	0
<b>Graham</b>	39	30	9	30	23	7	0	9	2	7	0
<b>Greenlee</b>	3	2	1	2	2	0	0	1	0	1	0
<b>Maricopa</b>	3,842	2,162	1,680	2,162	1,615	546	1	1,680	128	1,552	0
<b>Mohave</b>	72	46	26	46	38	8	0	26	2	24	0
<b>Navajo</b>	87	55	32	55	44	11	0	32	4	28	0
<b>Pima</b>	772	466	306	466	368	98	0	306	28	278	0
<b>Pinal</b>	284	176	108	176	123	53	0	108	12	96	0
<b>Santa Cruz</b>	48	34	14	34	28	6	0	14	1	13	0
<b>Yavapai</b>	104	70	34	70	51	19	0	34	2	32	0
<b>Yuma</b>	312	116	196	116	86	30	0	196	22	174	0
<b>La Paz</b>	10	7	3	7	5	2	0	3	0	3	0

**TABLE 5B-25  
MEDICAL AND OTHER RISK FACTORS BY MOTHER'S COUNTY OF RESIDENCE, ARIZONA, 2009**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz	
<b>Births with medical risk factors</b>	30,992	476	864	349	200	208	30	18,454	223	664	6,486	1,502	485	841	184	26	
<b>Medical risk factors</b>																	
<b>Anemia</b>	3,310	68	21	24	33	2	3	2,135	11	63	645	272	5	26	1	1	
<b>Cardiac disease</b>	176	6	3	1	0	1	0	128	2	9	15	8	1	2	0	0	
<b>Lung disease</b>	693	21	3	15	0	0	0	546	1	50	12	44	0	1	0	0	
<b>Diabetes</b>	3,584	83	34	84	25	29	7	2,296	22	110	616	183	13	39	41	2	
<b>Genital herpes</b>	918	3	4	16	5	3	3	679	4	13	126	45	2	11	2	2	
<b>Hydramnios</b>	1,133	19	21	22	10	3	2	608	7	11	351	62	2	8	6	1	
<b>Hemoglobinopathy</b>	10	1	0	0	0	0	0	8	0	0	0	1	0	0	0	0	
<b>Chronic hypertension</b>	748	20	15	21	5	32	4	463	7	22	96	39	3	10	11	0	
<b>Pregnancy associated hypertension</b>	3,347	79	73	64	25	15	0	2,202	15	86	515	187	7	47	30	2	
<b>Eclampsia</b>	695	12	23	10	3	3	0	344	14	17	221	27	3	13	3	2	
<b>Previous infant 4000+g</b>	262	16	1	8	6	0	0	194	2	9	10	10	0	5	0	1	
<b>Previous SGA infant</b>	648	18	4	14	9	1	0	369	29	18	133	41	2	7	3	0	
<b>Renal disease</b>	79	9	0	0	0	0	0	30	1	35	0	4	0	0	0	0	
<b>RH sensitization</b>	139	1	4	0	3	1	0	108	2	1	0	15	0	4	0	0	
<b>Uterine bleeding</b>	288	10	3	6	3	0	0	196	3	19	14	24	1	9	0	0	
<b>Incompetent cervix</b>	157	0	2	3	0	0	0	125	1	0	1	20	0	2	3	0	
<b>Other</b>	21,984	231	761	139	122	170	23	12,643	133	375	5,137	926	462	740	104	18	
<b>Substance use</b>																	
<b>Drinker, nonsmoker</b>	277	10	0	7	6	3	1	151	5	18	60	7	1	2	6	0	
<b>Smoker, nondrinker</b>	4,262	29	149	60	83	51	12	2,236	279	109	707	266	10	245	21	5	
<b>Smoker and drinker</b>	199	4	6	6	5	4	0	96	5	8	52	6	1	5	1	0	
<b>Nonsmoker and nondrinker</b>	87,878	1,199	1,691	1,821	610	587	117	55,180	1,931	1,758	12,021	5,030	749	1,809	3,206	169	
<b>Total births</b>	92,616	1,242	1,846	1,894	704	645	130	57,663	2,220	1,893	12,840	5,309	761	2,061	3,234	174	

**TABLE 5B-26  
OBSTETRIC PROCEDURES AND METHOD OF DELIVERY BY MOTHER'S COUNTY OF RESIDENCE, ARIZONA, 2009**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
<b>Obstetric procedures</b>																
<b>Amniocentesis</b>	511	9	0	14	5	5	0	400	19	10	5	37	0	7	0	0
<b>Electronic Fetal Monitoring</b>	86,576	1,007	426	1,598	647	267	44	56,070	1,827	1,640	12,430	5,107	219	1,946	3,179	169
<b>Induction of labor</b>	20,329	211	482	483	248	32	2	13,197	425	337	3,293	773	47	564	221	14
<b>Stimulation of labor</b>	14,508	155	77	468	134	19	2	9,793	160	298	2,159	931	40	242	13	17
<b>Tocolysis</b>	425	17	2	16	9	0	0	247	43	27	21	35	0	6	1	1
<b>Ultrasound</b>	68,778	717	1,774	1,344	530	619	127	39,049	917	1,271	11,979	4,468	722	1,961	3,188	112
<b>Other</b>	4,079	19	69	9	8	508	116	934	10	45	2,038	118	40	165	0	0
<b>Method of delivery</b>																
<b>Vaginal</b>	66,172	973	1,348	1,466	536	439	96	40,722	1,646	1,436	9,351	3,694	529	1,435	2,377	124
<b>Vaginal after C-Section</b>	754	31	4	22	3	4	0	551	3	20	52	39	0	12	11	2
<b>Primary C-Section</b>	13,841	148	275	218	83	95	17	8,822	291	219	1,920	810	127	334	460	22
<b>Repeat C-Section</b>	11,847	90	219	188	82	107	17	7,567	280	218	1,516	766	105	280	386	26
<b>Forceps</b>	396	6	9	8	3	0	0	238	12	25	54	9	6	25	1	0
<b>Vacuum</b>	2,744	19	99	22	38	65	13	1,705	106	56	348	113	47	66	42	5
<b>Total births</b>	92,614	1,242	1,846	1,894	704	645	130	57,662	2,220	1,893	12,839	5,309	761	2,061	3,234	174

**TABLE 5B-27  
COMPLICATIONS OF LABOR AND/OR DELIVERY BY MOTHER'S COUNTY OF RESIDENCE, ARIZONA, 2009**

Complications of labor and/or delivery	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
<b>Total</b>	25,707	359	485	225	205	274	53	15,627	283	400	4,787	1,124	264	920	682	19
<b>Febrile</b>	1,471	23	3	18	10	1	0	1,141	3	22	156	76	10	3	5	0
<b>Meconium</b>	3,675	38	48	31	18	1	2	2,340	24	31	810	134	39	73	82	4
<b>Rupture of membrane</b>	1,351	47	16	21	10	5	2	881	17	41	174	86	3	24	23	1
<b>Abruptio placenta</b>	391	8	7	4	6	5	2	249	7	8	56	13	0	9	16	1
<b>Placenta previa</b>	321	3	7	5	1	0	1	221	2	6	45	23	2	3	2	0
<b>Other excessive bleeding</b>	342	19	7	22	9	0	0	222	4	13	11	26	1	6	2	0
<b>Seizures during labor</b>	29	0	0	0	0	0	0	19	0	3	4	2	0	0	1	0
<b>Precipitous labor</b>	854	30	16	27	17	3	1	466	19	41	109	35	17	47	26	0
<b>Prolonged labor</b>	645	21	10	18	6	2	0	442	5	14	60	44	3	11	9	0
<b>Dysfunctional labor</b>	1,517	30	2	28	6	0	0	1,177	18	50	19	71	2	112	2	0
<b>Breech malpresentation</b>	2,668	37	38	37	18	21	1	1,796	62	57	289	129	8	80	93	2
<b>Cephalopelvic disproportion</b>	438	0	29	3	3	7	0	306	12	9	24	20	4	19	1	1
<b>Cord prolapse</b>	97	5	1	0	1	2	1	71	2	0	7	3	0	3	1	0
<b>Anesthetic complications</b>	57	1	3	2	1	0	0	34	0	0	11	3	0	2	0	0
<b>Fetal distress</b>	4,288	39	14	41	57	26	10	3,171	44	56	259	251	7	90	218	5
<b>Other</b>	13,860	137	331	58	89	224	40	7,346	116	188	3,552	508	198	716	348	9

**TABLE 5B-28  
ABNORMAL CONDITIONS OF THE NEWBORN BY MOTHER'S COUNTY OF RESIDENCE, ARIZONA, 2009**

Abnormal conditions of the newborn	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
<b>Total</b>	7,059	137	162	40	55	160	38	3,145	190	335	1,703	359	59	438	195	43
<b>Anemia</b>	32	3	0	2	0	2	0	14	3	3	2	2	0	1	0	0
<b>Birth injury</b>	67	6	3	1	0	0	0	28	1	21	1	4	0	1	1	0
<b>Fetal alcohol syndrome</b>	3	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0
<b>Hyaline membrane disease</b>	478	8	1	2	5	0	0	352	7	7	46	32	3	14	0	1
<b>Meconium aspiration</b>	47	4	2	1	1	0	0	28	1	4	1	3	1	1	0	0
<b>Assisted vent &lt;30 min</b>	1,074	9	19	9	9	7	1	129	103	14	691	17	6	9	23	28
<b>Assisted vent &gt;30 min</b>	356	22	5	2	7	0	0	143	13	16	7	9	0	5	125	2
<b>Newborn seizures</b>	93	0	1	2	1	0	0	51	2	8	13	6	0	7	1	1
<b>Other</b>	5,909	107	147	26	40	158	38	2,717	77	297	1,398	315	55	418	100	16

**TABLE 5B-29  
BIRTHS WITH CONGENITAL ANOMALIES MENTIONED ON BIRTH CERTIFICATE BY COUNTY OF RESIDENCE, ARIZONA, 2009**

Births with congenital anomalies	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
<b>Total</b>	600	11	31	8	4	7	0	308	8	44	121	28	2	14	14	0
<b>Anencephalus</b>	5	0	0	1	0	0	0	2	0	0	0	0	0	1	1	0
<b>Spina bifida/meningocele</b>	10	0	0	0	0	0	0	8	1	1	0	0	0	0	0	0
<b>Hydrocephalus</b>	8	0	1	0	0	0	0	4	0	0	2	1	0	0	0	0
<b>Microcephalus</b>	3	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0
<b>Other CNS anomaly</b>	16	0	0	0	0	0	0	6	0	5	4	0	0	0	1	0
<b>Heart malformations</b>	60	1	3	0	0	0	0	46	1	2	3	2	0	2	0	0
<b>Other respiratory/circulatory anomalies</b>	132	4	18	0	0	1	0	48	0	18	35	4	0	2	2	0
<b>Rectal atresia/stenosis</b>	4	0	1	0	0	0	0	1	0	0	1	0	0	1	0	0
<b>Tracheo-esophageal fistula/esophageal atresia</b>	5	0	0	0	0	0	0	2	0	0	1	1	0	1	0	0
<b>Omphalocele/gastroschisis</b>	38	0	1	3	0	0	0	22	0	1	7	2	0	0	2	0
<b>Other gastrointestinal anomalies</b>	17	0	2	0	0	0	0	5	0	1	8	1	0	0	0	0
<b>Malformed genitalia</b>	15	0	0	0	0	0	0	11	0	1	2	0	0	1	0	0
<b>Renal agenesis</b>	8	0	0	0	0	0	0	5	0	0	2	1	0	0	0	0
<b>Other urogenital anomalies</b>	23	0	2	0	0	0	0	9	0	1	9	1	0	0	1	0
<b>Cleft Lip/palate</b>	62	3	1	1	0	1	0	31	1	2	13	4	0	2	3	0
<b>Polydactyly/syndactyly/adactyly</b>	25	2	1	1	2	1	0	16	1	1	0	0	0	0	0	0
<b>Club foot</b>	53	0	2	2	0	1	0	29	2	1	11	2	0	2	1	0
<b>Diaphragmatic hernia</b>	4	0	0	0	0	0	0	3	0	0	1	0	0	0	0	0
<b>Other musculoskeletal/integumental anomalies</b>	25	1	0	0	0	0	0	9	1	5	6	2	0	1	0	0
<b>Down syndrome</b>	41	1	1	0	0	0	0	23	1	2	6	3	0	0	4	0
<b>Other chromosomal anomalies</b>	35	1	2	0	0	1	0	10	1	1	17	1	0	0	1	0
<b>Other</b>	70	0	0	0	0	2	0	33	0	5	18	7	2	3	0	0

\* Note: (659) specific congenital anomalies were identified on (600) birth records.

**TABLE 5B-30  
RATES OF OCCURRENCE<sup>1</sup> FOR SELECTED CHARACTERISTICS OF NEWBORNS AND MOTHERS GIVING BIRTH  
BY COUNTY OF RESIDENCE, ARIZONA, 2009**

Characteristics	Total	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
<b>Births with complications of labor and/or delivery reported</b>	27.8	28.9	26.3	11.9	29.1	42.5	40.8	27.1	12.7	21.1	37.3	21.2	34.7	44.6	21.1	10.9
<b>Births with medical risk factors reported</b>	33.5	38.3	46.8	18.4	28.4	32.2	23.1	32.0	10.0	35.1	50.5	28.3	63.7	40.8	5.7	14.9
<b>Preterm births (gestational age &lt;37 weeks)</b>	10.0	9.6	8.7	10.7	11.1	11.9	6.2	10.5	10.5	9.4	9.5	9.6	10.0	8.3	6.8	7.5
<b>Births with abnormal conditions reported</b>	7.6	11.0	8.8	2.1	7.8	24.8	29.2	5.5	8.6	17.7	13.3	6.8	7.8	21.3	6.0	24.7
<b>Low birthweight births (&lt;2,500 grams)</b>	7.1	7.3	8.2	8.1	7.8	7.1	5.4	7.1	6.1	7.8	7.0	6.6	9.6	7.5	5.8	5.2
<b>Very low birthweight births (&lt;1,500 grams)</b>	1.2	0.7	0.8	1.0	1.4	1.2	0.8	1.2	1.0	1.0	1.3	1.1	2.2	1.2	1.2	1.1
<b>Births with congenital anomalies reported</b>	0.6	0.9	1.7	0.4	0.6	1.1	0.0	0.5	0.4	2.3	0.9	0.5	0.3	0.7	0.4	0.0
<b>Tobacco use during pregnancy</b>	4.8	2.7	8.4	3.5	12.5	8.5	9.2	4.0	12.8	6.2	5.9	5.1	1.4	12.1	0.7	2.9
<b>Alcohol use during pregnancy</b>	0.5	1.1	0.3	0.7	1.6	1.1	0.8	0.4	0.5	1.4	0.9	0.2	0.3	0.3	0.2	0.0
<b>Primary and repeat cesarean deliveries</b>	27.7	19.2	26.8	21.4	23.4	31.3	26.2	28.4	25.7	23.1	26.8	29.7	30.5	29.8	26.2	27.6
<b>Infants admitted to newborn intensive care units</b>	6.2	4.2	3.5	2.3	5.7	6.0	2.3	6.7	3.2	4.6	6.0	5.3	6.3	5.0	9.6	5.7
<b>Women giving birth who received prenatal care in the 1<sup>st</sup> trimester</b>	80.3	59.2	80.0	85.4	61.4	71.6	76.9	84.4	76.8	65.8	71.8	85.6	68.2	73.9	59.6	74.7
<b>Public sources of payment for birth<sup>2</sup></b>	55.3	76.2	48.6	65.0	77.6	63.7	43.1	53.5	61.5	82.3	55.0	44.6	64.4	64.0	61.9	74.1
<b>Births to unmarried mothers</b>	45.2	67.1	39.4	49.3	60.5	46.8	52.3	44.3	48.2	59.8	45.6	39.6	46.9	45.2	45.7	60.3

<sup>1</sup> Per 100 births.

<sup>2</sup> The Arizona Health Care Cost Containment System (AHCCCS) or Indian Health Service.



**5C**

**FETAL AND PERINATAL DEATHS**

**TABLE 5C-1  
PERINATAL DEATHS AND PERINATAL MORTALITY RATES<sup>1</sup> BY COUNTY OF MOTHER'S RESIDENCE, ARIZONA, 2009**

	Live births + reportable spontaneous fetal losses of 28 or more weeks of gestation	Number of infant deaths of less than 7 days	Number of reportable spontaneous fetal losses of 28 or more weeks of gestation	Total Perinatal Deaths	
				Count	Rate
<b>ARIZONA</b>	92,859	281	243	524	5.6
<b>Apache</b>	1,244	4	2	6	4.8
<b>Cochise</b>	1,853	6	7	13	7.0
<b>Coconino</b>	1,900	3	6	9	4.7
<b>Gila</b>	709	2	5	7	9.9
<b>Graham</b>	646	1	1	2	3.1
<b>Greenlee</b>	130	0	0	0	0.0
<b>Maricopa</b>	57,811	170	148	318	5.5
<b>Mohave</b>	2,226	7	6	13	5.8
<b>Navajo</b>	1,901	2	8	10	5.3
<b>Pima</b>	12,870	43	30	73	5.7
<b>Pinal</b>	5,316	19	7	26	4.9
<b>Santa Cruz</b>	762	4	1	5	6.6
<b>Yavapai</b>	2,070	10	9	19	9.2
<b>Yuma</b>	3,246	10	12	22	6.8
<b>La Paz</b>	174	0	0	0	0.0
<b>Unknown</b>	1	0	1	1	NA

<sup>1</sup>The number of perinatal deaths per 1,000 live births + fetal losses at 28 or more weeks of gestation.

**TABLE 5C-2  
REPORTABLE SPONTANEOUS FETAL LOSSES<sup>1</sup> BY GESTATIONAL AGE, WEIGHT IN GRAMS AND COUNTY OF RESIDENCE,  
ARIZONA, 2009**

	Total	Gestational age <sup>2</sup>			Weight in grams					
		20-27 weeks	28+ weeks	Unknown	<350 grams	350-499	500-2,499	2,500-3,999	4,000+	Unknown
<b>ARIZONA</b>	511	264	243	4	110	69	219	89	13	11
<b>Apache</b>	2	0	2	0	0	0	2	0	0	0
<b>Cochise</b>	15	7	7	1	3	3	6	1	2	0
<b>Coconino</b>	12	6	6	0	1	1	7	1	0	2
<b>Gila</b>	8	3	5	0	2	2	1	3	0	0
<b>Graham</b>	2	1	1	0	1	0	1	0	0	0
<b>Greenlee</b>	0	0	0	0	0	0	0	0	0	0
<b>Maricopa</b>	311	162	148	1	77	35	131	56	6	6
<b>Mohave</b>	14	7	6	1	3	4	5	2	0	0
<b>Navajo</b>	11	3	8	0	1	1	5	1	2	1
<b>Pima</b>	68	38	30	0	13	9	29	12	3	2
<b>Pinal</b>	29	21	7	1	4	9	13	3	0	0
<b>Santa Cruz</b>	3	2	1	0	1	0	2	0	0	0
<b>Yavapai</b>	16	7	9	0	3	0	10	3	0	0
<b>Yuma</b>	18	6	12	0	1	5	6	6	0	0
<b>La Paz</b>	0	0	0	0	0	0	0	0	0	0
<b>Unknown</b>	2	1	1	0	0	0	1	1	0	0

<sup>1</sup>Include spontaneous terminations of pregnancy at 20 or more weeks of gestation (or if gestational age is unknown, the deaths of fetuses of at least 350 grams in weight), exclude induced terminations of pregnancy.

<sup>2</sup>For statistical purposes, fetal deaths are classified according to gestational age. A death that occurs at 20 or more weeks of gestation constitutes a fetal death, and after 28 weeks it is considered a late fetal death.

**TABLE 5C-3  
REPORTABLE SPONTANEOUS FETAL DEATHS<sup>1</sup> AND FETAL DEATH RATES<sup>2</sup> BY COUNTY OF MOTHER'S RESIDENCE  
AND YEAR, ARIZONA, 2000-2009**

	Number of fetal deaths:										Fetal death rates:									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>ARIZONA</b>	532	566	556	539	505	532	543	583	544	511	6.2	6.6	6.3	5.9	5.4	5.5	5.3	5.6	5.5	5.5
<b>Apache</b>	4	9	6	8	5	7	4	9	8	2	3.1	8.3	5.4	6.4	3.7	5.4	3.4	7.7	6.6	1.6
<b>Cochise</b>	12	12	8	15	10	14	12	13	7	15	6.9	7.3	4.7	8.5	5.5	7.9	6.6	7.0	3.9	8.1
<b>Coconino</b>	11	10	14	14	7	9	14	9	7	12	5.9	5.3	7.4	7.2	3.4	4.3	6.8	4.2	3.5	6.3
<b>Gila</b>	7	6	5	1	2	3	11	4	6	8	10.2	9.2	7.1	1.4	3.0	4.6	16.5	5.7	8.5	11.2
<b>Graham</b>	1	4	3	8	2	2	2	0	5	2	2.2	8.9	6.1	18.1	4.4	4.4	3.7	0.0	7.7	3.1
<b>Greenlee</b>	1	0	2	2	1	1	0	0	1	0	9.2	0.0	20.2	22.5	9.6	10.0	0.0	0.0	7.6	0.0
<b>Maricopa</b>	341	354	368	330	339	330	351	360	350	311	6.2	6.3	6.5	5.6	5.6	5.3	5.3	5.4	5.6	5.4
<b>Mohave</b>	7	15	12	10	11	19	15	17	9	14	3.9	8.2	6.0	4.7	5.0	8.4	6.1	6.9	3.9	6.3
<b>Navajo</b>	13	22	10	9	12	15	13	15	15	11	7.7	13.8	6.1	5.2	6.7	7.8	6.9	7.4	7.7	5.8
<b>Pima</b>	84	86	77	80	54	68	79	88	73	68	6.7	7.0	6.1	6.2	4.1	5.2	5.7	6.3	5.4	5.3
<b>Pinal</b>	18	20	18	16	14	21	17	39	33	29	6.9	7.8	6.6	5.5	4.5	5.7	3.8	7.3	5.7	5.4
<b>Santa Cruz</b>	5	3	1	1	4	5	3	0	6	3	6.2	3.9	1.3	1.3	4.9	6.4	4.0	0.0	7.5	3.9
<b>Yavapai</b>	11	11	10	14	15	7	10	14	3	16	6.2	6.3	5.2	7.5	7.4	3.3	4.2	5.7	1.4	7.7
<b>Yuma</b>	15	12	21	30	25	30	12	14	18	18	5.0	4.0	6.8	9.3	7.5	9.0	3.6	4.3	5.3	5.5
<b>La Paz</b>	2	1	1	1	4	0	0	0	2	0	10.8	5.4	4.3	4.6	17.1	0.0	0.0	0.0	8.1	0.0
<b>Unknown</b>	0	0	0	0	0	0	0	0	1	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

<sup>1</sup>Includes spontaneous terminations of pregnancy at 20 or more weeks of gestation (or if gestational age is unknown, the deaths of fetuses of at least 350 grams in weight), exclude induced terminations of pregnancy.

<sup>2</sup>per 1,000 live births plus reportable spontaneous fetal deaths.

Note: The numbers and rates of reportable spontaneous fetal deaths for 2004 were revised and differ from those previously published.

**TABLE 5C-4  
REPORTABLE SPONTANEOUS FETAL LOSSES<sup>1</sup> BY COUNTY OF RESIDENCE OF MOTHER, RACE AND SEX OF CHILD  
ARIZONA, 2009**

	All groups*				White non-Hispanic				Hispanic or Latino				Black or African American				American Indian or Alaska Native				Asian or Pacific Islander				Unknown	
	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M
<b>ARIZONA</b>	511	262	244	5	197	95	98	4	204	95	108	1	52	33	19	46	31	15	11	7	4	1	1			
<b>Apache</b>	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0
<b>Cochise</b>	15	9	6	0	3	2	1	0	12	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Coconino</b>	12	9	3	0	3	2	1	0	4	2	2	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0
<b>Gila</b>	8	6	2	0	2	1	1	0	0	0	0	0	0	0	0	6	5	1	0	0	0	0	0	0	0	0
<b>Graham</b>	2	1	1	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Greenlee</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Maricopa</b>	311	155	154	2	126	60	65	1	119	53	65	1	41	28	13	15	8	7	10	6	4	0	0	0	0	0
<b>Mohave</b>	14	9	5	0	10	6	4	0	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Navajo</b>	11	8	3	0	2	1	1	0	1	0	1	0	0	0	0	8	7	1	0	0	0	0	0	0	0	0
<b>Pima</b>	68	33	35	0	19	8	11	0	34	18	16	0	9	4	5	5	2	3	1	1	0	0	0	0	0	0
<b>Pinal</b>	29	14	14	1	16	8	7	1	7	2	5	0	1	0	1	4	3	1	0	0	0	1	1	1	1	1
<b>Santa Cruz</b>	3	2	1	0	0	0	0	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Yavapai</b>	16	8	6	2	12	6	4	2	3	1	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
<b>Yuma</b>	18	7	11	0	1	0	1	0	16	6	10	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
<b>La Paz</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Unknown</b>	2	1	1	0	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<sup>1</sup>Include spontaneous terminations of pregnancy at 20 or more weeks of gestation (or if gestational age is unknown, the deaths of fetuses of at least 350 grams in weight), exclude induced terminations of pregnancy.

T: Total  
M: Male  
F: Female  
U: Unknown  
\*Includes records with unknown race/ethnicity.

TABLE 5C-5  
 REPORTABLE SPONTANEOUS FETAL LOSSES<sup>1</sup> BY MOTHER'S AGE GROUP AND COUNTY OF RESIDENCE, ARIZONA, 2009

	Total	Mother's age group									
		<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+	Unknown
ARIZONA	511	0	26	40	111	126	105	76	24	2	1
Apache	2	0	0	1	0	0	1	0	0	0	0
Cochise	15	0	2	2	4	4	1	1	0	0	1
Coconino	12	0	1	2	4	2	3	0	0	0	0
Gila	8	0	1	0	4	2	0	1	0	0	0
Graham	2	0	0	0	1	1	0	0	0	0	0
Greenlee	0	0	0	0	0	0	0	0	0	0	0
Maricopa	311	0	14	24	59	74	74	50	15	1	0
Mohave	14	0	1	1	5	4	2	0	1	0	0
Navajo	11	0	1	1	4	1	1	2	1	0	0
Pima	68	0	3	3	18	18	10	11	4	1	0
Pinal	29	0	0	3	6	10	6	3	1	0	0
Santa Cruz	3	0	0	0	1	1	1	0	0	0	0
Yavapai	16	0	1	1	1	4	5	4	0	0	0
Yuma	18	0	2	1	4	4	1	4	2	0	0
La Paz	0	0	0	0	0	0	0	0	0	0	0
Unknown	2	0	0	1	0	1	0	0	0	0	0

<sup>1</sup>Include spontaneous terminations of pregnancy at 20 or more weeks of gestation (or if gestational age is unknown, the deaths of fetuses of at least 350 grams in weight), exclude induced terminations of pregnancy.

**5D**

**INDUCED TERMINATIONS OF  
PREGNANCY**





**TABLE 5D-2  
NUMBER OF WOMEN HAVING ABORTIONS PER 1,000 WOMEN GIVING BIRTH<sup>1</sup> BY COUNTY OF RESIDENCE,  
ARIZONA, 1999-2009**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>ARIZONA</b>	<b>132.4</b>	<b>113.3</b>	<b>96.5</b>	<b>119.0</b>	<b>111.9</b>	<b>131.7</b>	<b>109.0</b>	<b>103.0</b>	<b>102.1</b>	<b>104.8</b>	<b>108.5</b>
<b>Apache</b>	9.1	8.5	11.2	13.5	13.6	32.2	35.9	39.5	37.4	12.4	15.3
<b>Cochise</b>	73.1	112.8	88.0	117.5	85.4	100.0	76.9	97.3	43.5	71.3	79.6
<b>Coconino</b>	95.3	121.6	101.4	128.0	121.4	143.6	128.5	145.0	129.0	141.6	140.4
<b>Gila</b>	23.8	34.0	44.7	117.5	21.7	43.4	15.4	40.5	51.9	38.7	38.4
<b>Graham</b>	48.3	45.8	38.4	128.0	41.5	46.6	19.9	27.8	20.6	23.3	35.7
<b>Greenlee</b>	21.3	55.6	84.2	38.8	46.0	39.2	60.6	36.4	50.7	53.4	61.5
<b>Maricopa</b>	126.2	111.7	84.4	112.5	119.1	135.1	105.1	98.2	109.0	114.4	116.7
<b>Mohave</b>	2.9	3.4	2.2	5.5	2.3	9.1	2.7	6.5	18.5	13.9	9.5
<b>Navajo</b>	24.0	27.3	28.6	44.7	31.5	39.1	26.8	25.0	25.3	30.3	21.1
<b>Pima</b>	138.4	191.3	199.5	221.8	162.5	227.6	232.6	189.2	138.3	152.1	165.4
<b>Pinal</b>	45.8	40.7	57.5	40.7	28.4	42.7	23.3	62.0	79.5	44.8	30.7
<b>Santa Cruz</b>	47.7	65.2	59.3	91.9	56.8	61.9	46.1	107.6	99.2	45.2	46.0
<b>Yavapai</b>	68.8	69.4	75.7	75.1	54.1	95.1	98.3	110.5	104.1	105.6	88.8
<b>Yuma</b>	31.3	25.3	28.0	36.5	41.7	35.9	8.5	24.2	23.4	22.0	48.2
<b>La Paz</b>	29.6	21.7	43.2	34.8	13.9	39.1	0.0	26.2	52.2	24.4	11.5

<sup>1</sup>The number of resident abortions per 1,000 resident live births in specified county.

TABLE 5D-3  
 ABORTIONS BY COUNTY OF RESIDENCE AND COUNTY OF OCCURRENCE, ARIZONA, 2009

	County of occurrence																										
	TOTAL				Coconino			Maricopa			Pima			Yavapai			Yuma			Out-of-State							
	Total	Non-surgical	Surgical	Unknown	Total	Non-surgical	Surgical	Unknown	Total	Non-surgical	Surgical	Unknown	Total	Non-surgical	Surgical	Unknown	Total	Non-surgical	Surgical	Unknown	Total	Non-surgical	Surgical	Unknown			
ARIZONA	10,045	5,018	4,921	106	278	273	4	1	7,143	3,803	3,287	53	2,341	666	1,623	52	141	141	0	0	117	0	0	25	18	7	0
Apache	19	9	10	0	4	4	0	0	11	4	7	0	0	0	0	0	1	1	0	0	0	0	0	3	0	3	0
Cochise	147	43	103	1	0	0	0	0	4	2	2	0	140	40	99	1	0	0	0	0	0	0	0	3	1	2	0
Coconino	266	229	37	0	225	225	0	0	40	3	37	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Gila	27	12	14	1	1	1	0	0	23	10	12	1	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0
Graham	23	9	14	0	0	0	0	0	7	3	4	0	16	6	10	0	0	0	0	0	0	0	0	0	0	0	0
Greenlee	8	4	4	0	0	0	0	0	4	3	1	0	4	1	3	0	0	0	0	0	0	0	0	0	0	0	0
Maricopa	6,732	3,676	3,011	45	7	3	4	0	6,695	3,656	2,994	45	20	8	12	0	4	4	0	0	0	0	0	6	5	1	0
Mohave	21	9	11	1	1	1	0	0	15	3	11	1	0	0	0	0	4	4	0	0	1	1	0	0	0	0	0
Navajo	40	17	22	1	15	15	0	0	24	2	21	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Pima	2,124	622	1,452	50	1	0	0	1	31	18	12	1	2,081	593	1,440	48	0	0	0	0	0	0	0	11	11	0	0
Pinal	163	66	97	0	1	1	0	0	151	63	88	0	10	1	9	0	0	0	0	0	0	0	1	1	0	0	0
Santa Cruz	35	4	30	1	0	0	0	0	1	0	1	0	34	4	29	1	0	0	0	0	0	0	0	0	0	0	0
Yavapai	183	152	30	1	19	19	0	0	35	4	30	1	1	1	0	0	128	128	0	0	0	0	0	0	0	0	0
Yuma	156	119	36	1	0	0	0	0	38	5	32	1	3	0	3	0	0	0	0	114	114	0	0	1	0	1	0
La Paz	2	0	1	1	0	0	0	0	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unknown	99	47	49	3	4	4	0	0	62	27	34	1	28	11	15	2	3	3	0	2	2	0	0	0	0	0	0

**TABLE 5D-4  
ABORTIONS BY COUNTY OF RESIDENCE AND AGE GROUP, ARIZONA, 2009**

	<b>Total</b>	<b>&lt;15</b>	<b>15-17</b>	<b>18-19</b>	<b>20-24</b>	<b>25-29</b>	<b>30-34</b>	<b>35-39</b>	<b>40-44</b>	<b>45+</b>	<b>Unknown</b>
<b>ARIZONA</b>	10,045	24	418	1,077	3,370	2,383	1,381	870	260	21	241
<b>Apache</b>	19	0	3	3	9	3	1	0	0	0	0
<b>Cochise</b>	147	1	9	19	42	34	24	13	4	0	1
<b>Coconino</b>	266	1	12	29	99	56	29	26	13	1	0
<b>Gila</b>	27	0	1	6	7	7	2	4	0	0	0
<b>Graham</b>	23	0	2	2	3	6	8	1	1	0	0
<b>Greenlee</b>	8	0	0	0	4	3	0	0	1	0	0
<b>Maricopa</b>	6,732	15	272	722	2,238	1,611	908	619	171	16	160
<b>Mohave</b>	21	0	1	1	11	3	2	2	0	0	1
<b>Navajo</b>	40	1	1	3	15	8	7	2	0	0	3
<b>Pima</b>	2,124	3	89	223	736	515	325	137	53	2	41
<b>Pinal</b>	163	0	5	18	40	50	20	22	4	1	3
<b>Santa Cruz</b>	35	2	1	1	11	8	7	4	1	0	0
<b>Yavapai</b>	183	0	11	20	68	33	18	19	7	0	7
<b>Yuma</b>	156	1	9	11	57	31	18	10	1	0	18
<b>La Paz</b>	2	0	0	0	1	1	0	0	0	0	0
<b>Unknown</b>	99	0	2	19	29	14	12	11	4	1	7

**TABLE 5D-5  
ABORTIONS BY COUNTY OF RESIDENCE, RACE/ETHNICITY, MARITAL STATUS AND EDUCATION, ARIZONA, 2009**

	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	Other	Unknown	Married	Unmarried	Primary/Secondary (0-12)	College (1-4 or 5+)	Unknown	
<b>ARIZONA</b>	10,045	4,759	3,303	736	300	390	134	423	1,450	8,595	5,244	3,372	1,429	
<b>Apache</b>	19	7	1	1	10	0	0	0	1	18	13	4	2	
<b>Cochise</b>	147	68	43	14	2	3	0	17	24	123	50	84	13	
<b>Coconino</b>	266	161	28	5	63	4	1	4	39	227	124	116	26	
<b>Gila</b>	27	16	9	0	1	0	1	0	3	24	14	12	1	
<b>Graham</b>	23	10	7	1	3	1	0	1	4	19	11	12	0	
<b>Greenlee</b>	8	3	3	1	0	0	0	1	2	6	4	4	0	
<b>Maricopa</b>	6,732	3,390	2,132	556	125	294	117	118	970	5,762	3,925	1,635	1,172	
<b>Mohave</b>	21	15	2	2	0	1	0	1	3	18	12	4	5	
<b>Navajo</b>	40	17	5	0	17	1	0	0	5	35	29	10	1	
<b>Pima</b>	2,124	741	840	132	69	71	4	267	296	1,828	681	1,280	163	
<b>Pinal</b>	163	93	52	9	1	4	2	2	35	128	92	62	9	
<b>Santa Cruz</b>	35	4	29	0	0	0	1	1	6	29	13	18	4	
<b>Yavapai</b>	183	149	24	0	3	2	0	5	25	158	95	82	6	
<b>Yuma</b>	156	40	94	7	2	5	7	1	21	135	135	13	8	
<b>La Paz</b>	2	1	1	0	0	0	0	0	0	2	1	0	1	
<b>Unknown</b>	99	44	33	8	4	4	1	5	16	83	45	36	18	

**TABLE 5D-6  
ABORTIONS BY WEEK OF GESTATION AND COUNTY OF RESIDENCE, ARIZONA, 2009**

	Total	Weeks of gestation:																	Un- known
		6 weeks or less	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21+		
<b>ARIZONA</b>	10,045	3,675	2,229	1,411	749	510	385	279	187	112	89	68	49	37	14	13	28	210	
<b>Apache</b>	19	4	8	1	1	2	1	1	1	0	0	0	0	0	0	0	0	0	
<b>Cochise</b>	147	45	24	30	13	6	6	2	5	0	3	1	0	2	0	0	0	10	
<b>Coconino</b>	266	104	49	34	22	22	14	10	2	3	1	1	1	0	0	0	0	3	
<b>Gila</b>	27	8	7	6	4	0	1	1	0	0	0	0	0	0	0	0	0	0	
<b>Graham</b>	23	11	1	4	1	1	1	2	1	0	0	0	0	0	0	0	0	1	
<b>Greenlee</b>	8	4	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	
<b>Maricopa</b>	6,732	2,514	1,479	946	510	340	259	189	129	78	60	48	37	22	9	10	22	80	
<b>Mohave</b>	21	6	2	4	2	2	1	1	0	1	0	0	1	0	0	0	0	1	
<b>Navajo</b>	40	7	8	5	4	1	6	2	2	2	1	0	0	0	0	0	0	2	
<b>Pima</b>	2,124	730	490	298	155	108	74	59	31	24	18	13	6	10	3	3	3	99	
<b>Pinal</b>	163	47	42	24	10	9	9	4	5	1	3	2	2	1	0	0	1	3	
<b>Santa Cruz</b>	35	9	6	3	7	3	2	1	1	0	0	0	0	0	1	0	0	2	
<b>Yavapai</b>	183	93	50	15	5	4	6	1	3	1	0	1	0	2	0	0	0	2	
<b>Yuma</b>	156	63	41	28	9	4	2	2	4	1	1	0	0	0	0	0	0	1	
<b>La Paz</b>	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
<b>Unknown</b>	99	30	21	13	6	8	3	3	3	0	2	1	2	0	1	0	2	4	



**5E**

**TRENDS AND PATTERNS IN  
MORTALITY**

**TABLE 5E-1  
MORTALITY BY COUNTY OF RESIDENCE AND YEAR, ARIZONA, 1999-2009**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>ARIZONA</b>	39,673	40,202	40,851	42,320	42,830	42,736	45,115	45,415	44,640	45,128	45,065
<b>Apache</b>	436	453	479	448	509	521	499	454	522	510	530
<b>Cochise</b>	1,005	1,067	1,087	1,078	1,126	1,099	1,116	1,140	1,093	1,185	1,122
<b>Coconino</b>	486	501	548	592	620	592	632	619	621	675	676
<b>Gila</b>	636	578	637	658	638	647	690	627	666	718	646
<b>Graham</b>	290	244	256	262	265	274	282	295	282	294	271
<b>Greenlee</b>	67	73	45	63	55	46	62	65	63	52	50
<b>Maricopa</b>	22,348	22,600	22,790	23,490	23,549	23,533	24,902	25,176	24,417	24,304	24,349
<b>Mohave</b>	1,752	1,917	1,915	2,047	2,151	2,253	2,345	2,354	2,153	2,461	2,260
<b>Navajo</b>	682	656	677	692	813	775	802	860	888	793	825
<b>Pima</b>	7,229	7,329	7,460	7,691	7,719	7,625	7,948	7,885	7,899	8,075	8,065
<b>Pinal</b>	1,426	1,541	1,513	1,672	1,684	1,673	1,886	1,948	2,033	2,023	1,994
<b>Santa Cruz</b>	197	204	203	237	215	225	257	238	263	252	284
<b>Yavapai</b>	1,899	1,897	1,927	2,036	2,149	2,089	2,263	2,386	2,342	2,373	2,303
<b>Yuma</b>	928	946	1,004	1,122	1,133	1,137	1,246	1,164	1,180	1,105	1,306
<b>La Paz</b>	165	185	171	217	183	225	181	200	204	200	227
<b>Unknown</b>	127	11	139	15	21	22	4	4	14	108	157



**TABLE 5E-2  
MORTALITY BY COUNTY OF OCCURRENCE, ARIZONA, 1999-2009**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 <sup>1</sup>
<b>ARIZONA</b> <sup>2</sup>	41,060	41,507	42,063	43,819	44,431	44,207	46,770	47,182	46,325	46,515	46,429
<b>Apache</b>	288	302	386	298	328	298	301	329	312	333	342
<b>Cochise</b>	815	858	865	837	947	872	876	856	907	930	847
<b>Coconino</b>	648	642	675	693	769	720	757	738	762	852	841
<b>Gila</b>	550	506	575	583	562	573	578	558	586	599	486
<b>Graham</b>	254	201	217	228	220	227	220	221	228	243	222
<b>Greenlee</b>	39	47	25	26	32	25	30	36	32	28	33
<b>Maricopa</b>	24,247	24,509	24,578	25,648	25,785	25,713	27,164	27,473	26,800	26,712	26,804
<b>Mohave</b>	1,732	1,806	1,796	1,938	2,094	2,164	2,296	2,394	2,249	2,327	2,275
<b>Navajo</b>	477	509	489	509	540	572	606	626	630	598	582
<b>Pima</b>	8,050	8,145	8,315	8,584	8,598	8,454	8,918	8,758	8,777	8,953	9,030
<b>Pinal</b>	920	956	1,014	1,076	1,070	1,067	1,145	1,237	1,241	1,192	1,167
<b>Santa Cruz</b>	142	126	151	166	137	162	186	182	172	167	188
<b>Yavapai</b>	1,752	1,731	1,740	1,845	1,979	1,944	2,133	2,252	2,176	2,215	2,133
<b>Yuma</b>	1,019	1,030	1,091	1,232	1,211	1,209	1,388	1,335	1,279	1,217	1,305
<b>La Paz</b>	124	139	146	156	159	207	169	187	174	148	174

<sup>1</sup>Resident (44,335) and non-resident (2,094) deaths occurring in Arizona in 2009.

<sup>2</sup>May include records with unknown county of occurrence.

**TABLE 5E-3  
RESIDENT DEATHS BY PLACE OF OCCURRENCE AND NON-RESIDENT DEATHS BY COUNTY OF OCCURRENCE  
IN ARIZONA, 2009**

County of residence	County of occurrence														Died in Arizona	Arizona resident, died elsewhere	Total, Arizona residents	
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma				La Paz
Apache	278	0	46	1	0	1	70	0	47	2	1	0	1	0	0	447	83	530
Cochise	0	773	1	0	3	0	28	0	0	299	3	0	1	1	1	1,110	12	1,122
Coconino	3	0	539	5	1	0	59	4	12	5	1	0	28	0	0	657	19	676
Gila	0	0	3	428	2	0	185	1	2	14	3	0	3	0	0	641	5	646
Graham	0	0	0	4	198	1	20	0	0	43	0	0	1	1	0	268	3	271
Greenlee	0	2	0	0	9	26	0	0	0	12	0	0	0	0	0	49	1	50
Maricopa	2	4	41	15	1	3	23,784	11	14	58	67	0	54	4	2	24,060	289	24,349
Mohave	0	0	7	2	0	0	69	2,090	0	4	1	0	13	1	1	2,188	72	2,260
Navajo	20	0	94	17	0	0	178	1	475	12	3	0	4	0	0	804	21	825
Pima	2	14	3	0	2	1	89	2	6	7,837	16	7	1	2	1	7,983	82	8,065
Pinal	1	0	0	3	0	1	807	0	3	165	986	0	1	0	0	1,967	27	1,994
Santa Cruz	0	2	0	0	0	0	7	0	0	123	0	148	0	0	0	280	4	284
Yavapai	0	1	42	2	0	0	225	4	2	6	0	0	1,983	0	2	2,267	36	2,303
Yuma	0	0	3	0	0	0	83	2	2	25	2	0	0	1,143	1	1,261	45	1,306
La Paz	0	0	0	0	0	0	50	26	0	0	0	0	6	3	208	19	227	
Unknown	1	1	1	0	0	0	76	2	0	33	16	8	1	5	1	145	12	157
<b>AZ resident</b>	<b>307</b>	<b>797</b>	<b>780</b>	<b>477</b>	<b>216</b>	<b>33</b>	<b>25,730</b>	<b>2,143</b>	<b>563</b>	<b>8,638</b>	<b>1,099</b>	<b>163</b>	<b>2,097</b>	<b>1,160</b>	<b>132</b>	<b>44,335</b>	<b>730</b>	<b>45,065</b>
<b>Non-resident</b>	<b>35</b>	<b>50</b>	<b>61</b>	<b>9</b>	<b>6</b>	<b>0</b>	<b>1,074</b>	<b>132</b>	<b>19</b>	<b>392</b>	<b>68</b>	<b>25</b>	<b>36</b>	<b>145</b>	<b>42</b>	<b>2,094</b>		
<b>Total deaths in Arizona</b>	<b>342</b>	<b>847</b>	<b>841</b>	<b>486</b>	<b>222</b>	<b>33</b>	<b>26,804</b>	<b>2,275</b>	<b>582</b>	<b>9,030</b>	<b>1,167</b>	<b>188</b>	<b>2,133</b>	<b>1,305</b>	<b>174</b>	<b>46,429</b>		

**TABLE 5E-4**  
**MORTALITY RATES<sup>1</sup> BY COUNTY OF RESIDENCE AND YEAR, ARIZONA AND UNITED STATES, 1999-2009**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>U.S.</b>	857.0	854.0	848.5	847.3	841.9	816.5	825.9	807.8	799.0	804.3	789.5
<b>ARIZONA</b>	805.7	783.6	769.7	773.3	760.8	732.8	746.3	727.9	694.0	690.6	683.2
<b>Apache</b>	651.2	652.5	698.1	639.0	720.7	730.5	676.4	607.8	690.5	669.7	691.3
<b>Cochise</b>	806.7	906.1	911.3	869.1	892.5	844.0	846.8	845.8	793.7	849.9	791.2
<b>Coconino</b>	395.7	430.7	464.7	472.0	480.9	456.9	484.2	466.0	459.8	497.7	488.0
<b>Gila</b>	1268.2	1125.9	1238.8	1241.2	1191.3	1196.8	1267.3	1137.9	1194.2	1251.7	1088.2
<b>Graham</b>	811.2	728.6	766.7	769.0	768.3	760.7	795.4	822.3	777.5	761.0	681.0
<b>Greenlee</b>	726.3	854.1	542.1	732.1	639.9	550.9	747.0	784.9	762.8	581.0	575.5
<b>Maricopa</b>	767.1	735.6	713.3	712.6	693.3	667.8	682.5	668.8	629.4	619.2	614.2
<b>Mohave</b>	1173.5	1236.5	1183.6	1229.7	1259.3	1250.2	1247.1	1207.7	1067.5	1201.0	1105.3
<b>Navajo</b>	730.2	673.0	676.1	681.0	783.3	721.5	729.2	763.3	770.0	690.9	714.7
<b>Pima</b>	854.7	868.6	864.4	863.6	847.4	818.8	830.0	803.8	786.8	796.7	792.2
<b>Pinal</b>	862.2	857.4	801.2	869.0	835.1	766.4	764.6	721.8	693.1	627.0	608.5
<b>Santa Cruz</b>	503.8	531.5	512.8	594.9	525.8	535.9	583.4	525.4	565.0	532.9	598.0
<b>Yavapai</b>	1218.1	1132.4	1098.0	1129.5	1149.9	1061.9	1103.4	1121.7	1063.7	1053.4	1012.1
<b>Yuma</b>	664.5	591.2	608.7	660.9	647.3	626.5	657.6	595.4	585.8	542.3	638.7
<b>La Paz</b>	857.1	938.4	865.4	1065.6	883.4	1064.6	853.7	930.7	936.7	928.3	1042.9

<sup>1</sup>Crude death rates. (Number of deaths per 100,000 population). The U.S. rates for 2007-2009 are provisional.

**TABLE 5E-5  
TRENDS IN AGE-ADJUSTED\* MORTALITY RATES FOR ALL CAUSES BY COUNTY OF RESIDENCE, ARIZONA, 1999-2009**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>ARIZONA</b>	752.8	785.6	791.2	796.4	784.0	757.3	772.5	727.3	663.2	659.6	653.2
<b>Apache</b>	986.7	881.8	961.3	883.9	1030.4	1058.6	959.0	805.1	843.9	817.3	834.1
<b>Cochise</b>	751.6	844.1	869.0	832.2	862.7	808.6	819.6	742.8	647.3	695.1	653.2
<b>Coconino</b>	684.1	689.1	778.2	782.6	790.4	757.1	815.4	728.2	699.8	751.2	715.2
<b>Gila</b>	887.0	858.2	941.6	945.8	911.7	912.6	981.5	820.9	805.5	857.3	738.1
<b>Graham</b>	869.8	791.2	855.9	854.1	851.6	847.0	897.2	842.0	772.0	754.9	670.4
<b>Greenlee</b>	779.3	1091.8	677.9	973.5	852.7	722.0	971.8	914.7	861.9	652.7	648.0
<b>Maricopa</b>	759.1	785.4	780.0	780.1	758.9	734.0	750.8	732.6	656.5	646.4	641.7
<b>Mohave</b>	788.1	919.1	909.7	947.8	981.7	961.5	974.1	873.1	752.0	834.0	780.7
<b>Navajo</b>	956.8	853.9	877.4	883.9	1017.0	944.9	955.2	937.4	884.9	782.9	818.6
<b>Pima</b>	731.7	799.1	815.8	816.9	800.7	777.9	789.3	720.3	669.7	677.4	672.8
<b>Pinal</b>	770.8	786.3	754.2	825.8	802.0	736.0	737.8	694.7	688.3	623.5	607.7
<b>Santa Cruz</b>	550.7	661.6	647.1	762.6	676.3	665.7	736.9	581.3	596.4	568.4	633.7
<b>Yavapai</b>	733.1	756.1	755.2	775.8	789.4	732.4	764.3	740.9	684.3	669.4	656.0
<b>Yuma</b>	578.7	559.5	600.4	649.7	628.2	618.9	651.0	501.1	480.2	440.4	520.7
<b>La Paz</b>	592.1	659.2	630.4	778.4	671.3	772.2	633.4	594.6	549.8	566.3	621.5

\*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, 2009**

	All groups			White non-Hispanic			Hispanic or Latino			Black or African American			American Indian or Alaska Native			Asian or Pacific Islander			Unknown		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>ARIZONA</b>	45,065	23,535	21,530	35,829	18,476	17,353	5,401	2,978	2,423	1,334	697	637	1,871	1,028	843	469	241	228	161	115	46
<b>Apache</b>	530	311	219	127	76	51	18	10	8	0	0	0	385	225	160	0	0	0	0	0	0
<b>Cochise</b>	1,122	595	527	868	455	413	213	121	92	21	10	11	6	3	3	10	4	6	4	2	2
<b>Coconino</b>	676	389	287	402	226	176	48	25	23	8	5	3	211	128	83	7	5	2	0	0	0
<b>Gila</b>	646	323	323	490	239	251	70	38	32	0	0	0	83	45	38	3	1	2	0	0	0
<b>Graham</b>	271	141	130	183	95	88	62	34	28	4	2	2	21	10	11	1	0	1	0	0	0
<b>Greenlee</b>	50	29	21	30	17	13	18	11	7	0	0	0	0	0	0	0	0	0	2	1	1
<b>Maricopa</b>	24,349	12,456	11,893	20,004	10,093	9,911	2,644	1,467	1,177	965	493	472	328	180	148	343	179	164	65	44	21
<b>Mohave</b>	2,260	1,257	1,003	2,111	1,172	939	88	54	34	9	5	4	37	17	20	8	4	4	7	5	2
<b>Navajo</b>	825	428	397	438	229	209	34	18	16	6	5	1	345	175	170	1	1	0	1	0	1
<b>Pima</b>	8,065	4,142	3,923	6,200	3,139	3,061	1,275	675	600	234	128	106	248	135	113	67	36	31	41	29	12
<b>Pinal</b>	1,994	1,077	917	1,546	824	722	270	163	107	52	27	25	113	56	57	11	6	5	2	1	1
<b>Santa Cruz</b>	284	163	121	95	58	37	182	101	81	1	1	0	2	0	2	3	2	1	1	1	0
<b>Yavapai</b>	2,303	1,257	1,046	2,186	1,189	997	81	44	37	7	5	2	22	17	5	7	2	5	0	0	0
<b>Yuma</b>	1,306	703	603	893	484	409	364	191	173	20	12	8	20	12	8	6	1	5	3	3	0
<b>La Paz</b>	227	146	81	183	121	62	19	12	7	1	1	0	21	11	10	1	0	1	2	1	1
<b>Unknown</b>	157	118	39	73	59	14	15	14	1	6	3	3	29	14	15	1	0	1	33	28	5

**TABLE 5E-7  
NUMBER OF DEATHS BY MONTH AND COUNTY OF RESIDENCE, ARIZONA, 2009**

	Total	Month of death											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b>ARIZONA</b>	45,065	3,983	3,592	3,954	3,945	3,699	3,500	3,741	3,617	3,604	3,739	3,694	3,997
<b>Apache</b>	530	51	45	45	49	42	47	40	39	45	47	44	36
<b>Cochise</b>	1,122	105	102	83	108	91	57	103	91	96	100	92	94
<b>Coconino</b>	676	62	52	57	57	64	59	55	50	66	52	44	58
<b>Gila</b>	646	54	46	68	53	60	53	59	27	58	55	52	61
<b>Graham</b>	271	18	23	24	37	21	18	10	22	19	18	24	37
<b>Greenlee</b>	50	11	3	4	2	4	3	2	4	2	5	5	5
<b>Maricopa</b>	24,349	2,221	1,917	2,064	2,163	1,973	1,910	2,056	1,979	1,871	2,011	1,970	2,214
<b>Mohave</b>	2,260	190	180	185	189	182	196	199	191	165	198	189	196
<b>Navajo</b>	825	72	68	74	77	66	62	68	62	69	78	59	70
<b>Pima</b>	8,065	662	666	748	675	658	636	635	660	698	648	706	673
<b>Pinal</b>	1,994	170	153	206	160	172	151	167	162	150	177	151	175
<b>Santa Cruz</b>	284	29	20	30	23	24	14	21	33	26	20	21	23
<b>Yavapai</b>	2,303	194	172	217	215	193	161	183	180	198	206	191	193
<b>Yuma</b>	1,306	115	112	116	110	115	97	108	87	111	97	113	125
<b>La Paz</b>	227	23	22	18	15	21	24	24	15	17	14	17	17
<b>Unknown</b>	157	6	11	15	12	13	12	11	15	13	13	16	20

**TABLE 5E-8  
NUMBER OF DEATHS BY COUNTY OF RESIDENCE AND DECEDENT STATUS, ARIZONA, 2009**

	IN HOSPITAL					NOT IN HOSPITAL					TOTAL
	In-patient	Out-patient*	Died on arrival	Subtotal	Nursing home**	Residence	Other***	Un-specified	Subtotal		
<b>ARIZONA</b>	10,925	2,320	84	13,329	14,354	12,857	4,143	382	31,736	45,065	
<b>Apache</b>	167	29	22	218	70	95	132	15	312	530	
<b>Cochise</b>	306	64	9	379	260	387	93	3	743	1,122	
<b>Coconino</b>	221	42	1	264	130	162	113	7	412	676	
<b>Gila</b>	133	34	0	167	274	159	44	2	479	646	
<b>Graham</b>	80	26	0	106	50	91	21	3	165	271	
<b>Greenlee</b>	16	3	0	19	4	20	7	0	31	50	
<b>Maricopa</b>	5,558	1,146	14	6,718	8,831	6,364	2,260	176	17,631	24,349	
<b>Mohave</b>	602	149	13	764	360	984	114	38	1,496	2,260	
<b>Navajo</b>	265	69	10	344	201	171	105	4	481	825	
<b>Pima</b>	1,891	420	7	2,318	2,568	2,383	751	45	5,747	8,065	
<b>Pinal</b>	544	79	5	628	579	553	212	22	1,366	1,994	
<b>Santa Cruz</b>	110	8	0	118	50	95	18	3	166	284	
<b>Yavapai</b>	562	108	1	671	677	826	112	17	1,632	2,303	
<b>Yuma</b>	380	112	0	492	229	478	80	27	814	1,306	
<b>La Paz</b>	58	18	0	76	34	79	26	12	151	227	
<b>Unknown</b>	32	13	2	47	37	10	55	8	110	157	

\* Includes Emergency Room.  
 \*\* Includes other long-term care facilities.  
 \*\*\* Includes hospices.

**TABLE 5E-9  
BODY DISPOSITION BY COUNTY OF RESIDENCE AND YEAR, ARIZONA, 1999-2009**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
<b>ARIZONA</b>	Burial	14,099	13,939	13,776	14,819	17,235	16,801	17,209	16,809	15,640	14,400	14,225
	Cremation	20,828	21,724	22,140	23,526	24,582	24,735	26,864	27,660	27,970	28,972	28,514
	Other	4,746	4,539	4,935	3,975	1,013	1,200	1,042	946	1,030	1,756	2,326
	<b>TOTAL</b>	<b>39,673</b>	<b>40,202</b>	<b>40,851</b>	<b>42,320</b>	<b>42,830</b>	<b>42,736</b>	<b>45,115</b>	<b>45,415</b>	<b>44,640</b>	<b>45,128</b>	<b>45,065</b>
<b>Apache</b>	Burial	331	372	394	333	421	399	384	359	328	310	362
	Cremation	46	40	45	47	61	73	76	76	77	87	91
	Other	59	41	40	68	27	49	39	19	117	113	77
	<b>TOTAL</b>	<b>436</b>	<b>453</b>	<b>479</b>	<b>448</b>	<b>509</b>	<b>521</b>	<b>499</b>	<b>454</b>	<b>522</b>	<b>510</b>	<b>530</b>
<b>Cochise</b>	Burial	344	356	347	311	443	398	429	399	355	353	331
	Cremation	551	603	620	670	660	676	672	724	709	782	753
	Other	110	108	120	97	23	25	15	17	29	50	38
	<b>TOTAL</b>	<b>1,005</b>	<b>1,067</b>	<b>1,087</b>	<b>1,078</b>	<b>1,126</b>	<b>1,099</b>	<b>1,116</b>	<b>1,140</b>	<b>1,093</b>	<b>1,185</b>	<b>1,122</b>
<b>Coconino</b>	Burial	239	261	264	291	303	316	309	306	327	301	318
	Cremation	207	211	241	268	307	269	317	312	287	342	343
	Other	40	29	43	33	10	7	6	1	7	32	15
	<b>TOTAL</b>	<b>486</b>	<b>501</b>	<b>548</b>	<b>592</b>	<b>620</b>	<b>592</b>	<b>632</b>	<b>619</b>	<b>621</b>	<b>675</b>	<b>676</b>
<b>Gila</b>	Burial	288	257	284	306	288	305	299	238	300	286	234
	Cremation	299	283	316	322	341	336	376	382	362	422	397
	Other	49	38	37	30	9	6	15	7	4	10	15
	<b>TOTAL</b>	<b>636</b>	<b>578</b>	<b>637</b>	<b>658</b>	<b>638</b>	<b>647</b>	<b>690</b>	<b>627</b>	<b>666</b>	<b>718</b>	<b>646</b>
<b>Graham</b>	Burial	191	166	179	168	184	196	196	197	184	186	187
	Cremation	86	60	60	84	76	76	85	94	97	98	81
	Other	13	18	17	10	5	2	1	4	1	10	3
	<b>TOTAL</b>	<b>290</b>	<b>244</b>	<b>256</b>	<b>262</b>	<b>265</b>	<b>274</b>	<b>282</b>	<b>295</b>	<b>282</b>	<b>294</b>	<b>271</b>
<b>Greenlee</b>	Burial	39	52	25	39	37	32	33	38	36	28	22
	Cremation	24	17	15	18	18	14	29	26	26	23	26
	Other	4	4	5	6	0	46	0	1	1	1	2
	<b>TOTAL</b>	<b>67</b>	<b>73</b>	<b>45</b>	<b>63</b>	<b>55</b>	<b>92</b>	<b>62</b>	<b>65</b>	<b>63</b>	<b>52</b>	<b>50</b>
<b>Maricopa</b>	Burial	8,018	7,868	7,726	8,430	9,625	9,424	9,749	9,626	8,731	8,266	7,941
	Cremation	11,499	11,990	12,151	12,777	13,442	13,606	14,699	15,041	15,149	15,399	15,206
	Other	2,831	2,742	2,913	2,283	482	503	454	509	537	639	1,202
	<b>TOTAL</b>	<b>22,348</b>	<b>22,600</b>	<b>22,790</b>	<b>23,490</b>	<b>23,549</b>	<b>23,533</b>	<b>24,902</b>	<b>25,176</b>	<b>24,417</b>	<b>24,304</b>	<b>24,349</b>
<b>Mohave</b>	Burial	301	340	337	427	586	512	523	568	445	419	384
	Cremation	1,188	1,306	1,306	1,411	1,519	1,701	1,798	1,769	1,692	1,790	1,645
	Other	263	271	272	209	46	40	24	17	16	252	231
	<b>TOTAL</b>	<b>1,752</b>	<b>1,917</b>	<b>1,915</b>	<b>2,047</b>	<b>2,151</b>	<b>2,253</b>	<b>2,345</b>	<b>2,354</b>	<b>2,153</b>	<b>2,461</b>	<b>2,260</b>



**TABLE 5E-9 (continued)  
BODY DISPOSITION BY COUNTY OF RESIDENCE AND YEAR, ARIZONA, 1999-2009**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>Navajo</b>	Burial	465	448	432	414	557	515	521	556	536	441
	Cremation	177	171	180	224	236	229	251	280	281	264
	Other	40	37	65	54	20	31	30	24	71	88
	<b>TOTAL</b>	682	656	677	692	813	775	802	860	888	793
<b>Pima</b>	Burial	2,313	2,282	2,251	2,328	2,790	2,762	2,714	2,539	2,495	2,133
	Cremation	4,166	4,309	4,443	4,653	4,690	4,478	4,901	5,113	5,266	5,618
	Other	750	738	766	710	239	385	333	233	138	324
	<b>TOTAL</b>	7,229	7,329	7,460	7,691	7,719	7,625	7,948	7,885	7,899	8,075
<b>Pinal</b>	Burial	585	627	561	671	709	714	754	760	745	677
	Cremation	660	734	735	827	910	890	1,063	1,120	1,229	1,302
	Other	181	180	217	174	65	69	69	68	59	44
	<b>TOTAL</b>	1,426	1,541	1,513	1,672	1,684	1,673	1,886	1,948	2,033	2,023
<b>Santa Cruz</b>	Burial	96	96	93	120	107	117	134	113	128	106
	Cremation	69	82	76	92	106	107	121	122	134	144
	Other	32	26	34	25	2	1	2	3	1	2
	<b>TOTAL</b>	197	204	203	237	215	225	257	238	263	252
<b>Yavapai</b>	Burial	496	469	469	503	618	579	607	608	521	465
	Cremation	1,226	1,276	1,281	1,399	1,487	1,453	1,630	1,757	1,801	1,842
	Other	177	152	177	134	44	57	26	21	20	66
	<b>TOTAL</b>	1,899	1,897	1,927	2,036	2,149	2,089	2,263	2,386	2,342	2,373
<b>Yuma</b>	Burial	298	294	325	402	492	450	496	433	438	334
	Cremation	494	522	519	599	617	666	726	711	725	703
	Other	136	130	160	121	24	21	24	20	17	68
	<b>TOTAL</b>	928	946	1,004	1,122	1,133	1,137	1,246	1,164	1,180	1,105
<b>La Paz</b>	Burial	44	50	52	68	72	73	59	68	66	51
	Cremation	101	114	102	130	108	152	118	131	129	133
	Other	20	21	17	19	3	0	4	1	9	16
	<b>TOTAL</b>	165	185	171	217	183	225	181	200	204	200
<b>Unknown</b>	Burial	51	1	37	8	3	9	2	1	5	44
	Cremation	35	6	50	5	4	9	2	2	6	23
	Other	41	4	52	2	14	4	4	1	3	41
	<b>TOTAL</b>	127	11	139	15	21	22	521	4	14	108

**TABLE 5E-10  
BODY DISPOSITION BY COUNTY OF OCCURRENCE\* IN ARIZONA IN 2009**

Total deaths occurring in Arizona	Body disposition													Total	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz																																																																								
	Total																																																																																																				
Body moved outside state	No														Yes																																																																																						
	<b>Total</b>	46,429	342	847	841	486	222	33	26,804	2,275	582	9,030	1,167	188		2,133	1,305	174	<b>Burial</b>	14,989	273	263	428	170	146	16	9,001	414	312	2,597	419	70	405	423	52	<b>Cremation</b>	29,275	67	567	402	309	73	16	16,581	1,641	265	6,015	654	108	1,637	829	111	<b>Donated</b>	1,555	2	15	9	6	3	1	814	219	5	254	82	1	87	47	10	<b>Entombment</b>	449	0	2	2	1	0	0	353	1	0	77	3	0	4	6	0	<b>Other</b>	161	0	0	0	0	0	0	55	0	0	87	9	9	0
<b>Total</b>	41,769	130	749	742	449	215	31	24,123	2,045	551	8,285	1,057	155	2,000	1,085	152	<b>Burial</b>	10,774	63	179	353	152	140	14	6,535	228	285	1,914	321	39	284	234	33	<b>Cremation</b>	28,958	65	556	381	292	72	16	16,440	1,603	261	5,973	652	107	1,632	800	108	<b>Donated</b>	1,491	2	12	8	4	3	1	791	214	5	241	73	0	82	45	10	<b>Entombment</b>	386	0	2	0	1	0	0	302	0	0	71	2	0	2	6	0	<b>Other</b>	160	0	0	0	0	0	0	55	0	0	86	9	9	0	0	1
<b>Total</b>	4,660	212	98	99	37	7	2	2,681	230	31	745	110	33	133	220	22	<b>Burial</b>	4,215	210	84	75	18	6	2	2,466	186	27	683	98	31	121	189	19	<b>Cremation</b>	317	2	11	21	17	1	0	141	38	4	42	2	1	5	29	3	<b>Donated</b>	64	0	3	1	2	0	0	23	5	0	13	9	1	5	2	0	<b>Entombment</b>	63	0	0	2	0	0	0	51	1	0	6	1	0	2	0	0	<b>Other</b>	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

\* Resident and non-resident deaths occurring in Arizona. The total includes one record with unknown county of occurrence.

**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, 2009**

	PER 100,000 TOTAL POPULATION (BOTH GENDERS):															
	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Marticopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
<b>Total, all causes</b>	653.2	834.1	653.2	715.2	738.1	670.4	648.0	641.7	780.7	818.6	672.8	607.7	633.7	656.0	520.7	621.5
<b>Cardiovascular disease</b>	188.8	183.9	209.0	207.4	200.0	192.5	201.6	186.7	243.6	198.9	193.6	163.6	179.9	192.6	145.2	175.8
<b>Diseases of heart</b>	145.9	138.7	164.6	148.0	158.3	144.9	99.5	143.3	212.4	146.8	149.3	124.5	120.4	153.0	104.5	156.0
Coronary heart disease	115.9	104.1	125.8	100.2	116.8	110.6	70.5	119.8	170.4	103.5	110.4	92.5	88.4	112.2	78.0	130.2
<b>Malignant neoplasms</b>	147.2	118.5	138.0	111.2	162.3	140.5	124.2	144.3	188.2	155.5	157.3	132.1	166.5	152.3	117.7	140.5
Lung cancer	39.0	12.4	34.7	19.6	48.7	39.5	23.5	37.9	65.2	36.8	39.5	38.5	45.0	38.8	33.3	43.5
Colorectal cancer	12.9	13.9	15.6	10.1	9.8	4.6	8.1	12.1	17.6	15.2	12.8	12.3	9.4	15.7	13.2	14.6
Malignant melanoma of skin	3.3	3.5	4.9	1.0	1.1	0.0	0.0	3.2	2.8	0.8	3.6	5.2	0.0	5.6	2.4	2.0
Cerebrovascular disease	28.9	30.3	33.1	44.8	27.7	33.1	14.9	28.4	20.4	30.6	31.4	28.5	39.5	29.2	28.9	8.6
<b>Chronic lower respiratory diseases</b>	40.5	24.8	36.0	38.8	74.8	34.1	29.9	38.7	58.9	49.8	40.8	43.8	25.2	40.5	34.8	31.7
<b>Accident (unintentional injury)</b>	43.1	116.3	47.2	64.9	66.0	40.4	69.9	40.6	46.6	94.5	42.1	38.6	30.8	39.8	37.1	54.0
Motor vehicle accident	11.6	44.7	18.3	22.3	28.9	9.5	19.8	9.1	12.7	38.5	10.5	13.5	13.1	14.5	13.5	25.2
Accidental falls	10.4	12.8	6.9	17.2	7.6	7.2	0.0	12.6	5.7	13.2	8.1	6.6	6.5	8.8	4.4	2.0
Accidental poisoning	13.7	21.7	13.5	10.8	18.5	16.5	50.0	12.6	22.8	23.8	16.7	9.8	9.3	10.6	12.2	11.9
Accidental drowning	1.5	8.9	0.0	0.0	0.0	0.0	0.0	1.3	0.3	1.6	1.8	2.0	1.8	2.5	1.0	7.7
Alzheimer's disease	29.5	9.0	19.0	19.5	24.8	9.6	0.0	38.8	19.9	22.1	19.0	22.6	24.7	23.7	5.4	5.7
<b>Influenza and pneumonia</b>	14.6	35.7	14.2	27.0	16.0	36.8	14.1	13.4	14.0	30.4	14.0	13.7	14.2	15.6	15.6	7.2
<b>Diabetes</b>	15.7	40.4	16.3	12.1	21.8	37.2	41.4	14.6	21.1	24.6	17.4	14.3	23.8	9.5	16.6	17.4
<b>Intentional self-harm (suicide)</b>	16.1	18.6	19.7	22.3	22.5	13.9	8.1	13.6	29.2	20.9	16.4	20.3	18.4	27.8	11.3	45.3
<b>Chronic liver disease and cirrhosis</b>	12.2	19.0	12.4	17.7	12.0	21.8	22.2	10.0	22.4	32.6	13.5	12.4	12.1	13.4	9.6	40.2
<b>Nephritis</b>	7.7	9.2	15.1	17.5	8.0	7.2	0.0	5.2	10.3	8.4	9.5	10.2	10.1	11.3	12.3	7.3
<b>Assault (homicide)</b>	5.5	8.9	5.9	4.9	10.3	0.0	0.0	5.4	5.2	7.6	6.5	6.7	4.5	2.3	1.7	0.0
<b>Septicemia</b>	7.7	25.5	10.8	14.2	8.9	2.4	10.4	7.9	5.8	13.9	6.2	5.5	4.7	6.8	7.3	5.2
<b>Parkinson's disease</b>	6.4	5.0	6.1	10.0	3.1	4.9	0.0	6.8	4.6	8.9	6.5	6.0	4.4	5.4	5.7	2.0
<b>Essential (primary) hypertension</b>	6.8	12.1	5.5	7.5	5.9	4.8	43.1	8.4	5.5	7.4	3.6	6.6	4.9	4.1	4.8	2.0
<b>HIV disease</b>	1.6	6.5	1.5	1.5	1.1	1.9	0.0	1.6	1.2	2.9	1.5	2.2	2.2	0.6	0.6	5.1
<b>Injury by firearms</b>	12.8	14.9	15.6	13.1	13.8	5.7	8.1	11.4	18.4	10.6	14.0	16.5	9.1	18.2	8.8	28.8
<b>Drug-induced deaths</b>	16.8	12.9	17.1	11.1	22.9	16.5	50.0	15.8	28.7	17.8	19.7	13.8	17.9	19.3	13.0	25.2
<b>Alcohol-induced deaths</b>	12.0	36.3	11.2	26.6	15.9	14.0	0.0	10.6	16.7	35.6	10.7	12.4	2.1	13.6	5.1	35.4
<b>AVERAGE AGE AT DEATH</b>	71.9	63.6	71.3	65.6	72.1	70.7	71.3	71.8	71.6	64.7	72.6	68.3	74.3	74.0	71.8	69.2
<b>MEDIAN AGE AT DEATH</b>	76.0	69.0	76.0	69.0	76.0	77.0	75.5	77.0	74.0	69.0	78.0	72.0	74.0	78.0	76.0	71.0

\*Adjusted to the 2000 standard U.S. population. The causes of death for 2006 are classified by the Tenth Revision of the International Classification of Diseases (ICD-10).

Note: All rates are per 100,000 resident population.

The rates based on fewer than 10 deaths (see Table 5E-12) are not statistically reliable.

TABLE 5E-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, 2009

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
Total, all causes	763.8	1048.7	752.5	845.5	828.8	763.0	838.7	747.1	925.5	901.1	806.7	672.8	814.5	795.8	593.9	793.7
Cardiovascular disease	228.0	251.7	252.8	277.6	218.8	208.7	221.9	225.1	308.3	231.4	239.7	179.9	256.0	235.6	161.4	269.5
Diseases of heart	183.0	188.3	205.9	217.0	184.9	150.7	102.4	179.3	274.9	170.5	191.4	146.0	162.7	197.1	121.8	249.1
Coronary heart disease	150.2	152.2	163.1	156.1	140.7	112.2	102.4	153.7	232.3	121.1	148.4	116.7	118.3	147.8	96.8	208.6
Malignant neoplasms	174.8	164.2	144.4	132.3	196.2	174.8	231.9	169.4	216.7	170.0	194.1	165.5	205.8	190.7	130.1	165.5
Lung cancer	47.3	9.1	42.7	17.3	49.9	54.7	37.8	45.8	72.0	30.9	50.8	50.1	72.5	49.8	42.1	36.7
Prostate cancer	18.4	32.5	8.3	18.0	14.0	18.4	75.6	18.1	24.2	19.0	21.5	13.1	38.1	18.4	9.0	19.8
Colorectal cancer	14.9	21.3	15.7	12.8	11.8	6.1	14.9	13.7	20.4	20.9	14.4	16.9	5.2	20.1	16.4	13.5
Malignant melanoma of skin	5.2	7.6	8.3	2.0	0.0	0.0	0.0	5.2	3.2	1.7	5.9	8.6	0.0	6.5	2.5	4.1
Cerebrovascular disease	28.2	37.7	34.9	42.3	18.0	29.9	0.0	27.7	18.5	34.9	32.6	19.7	63.9	26.9	32.0	10.1
Chronic lower respiratory diseases	44.7	32.3	31.3	43.7	82.8	47.7	61.9	41.9	59.9	49.1	47.5	44.1	32.5	48.6	43.5	42.3
Accident (unintentional injury)	56.6	167.9	73.0	99.3	79.4	42.7	61.6	52.8	60.2	131.7	54.3	44.8	64.5	53.6	51.1	78.8
Motor vehicle accident	16.8	56.2	30.6	36.6	31.0	7.1	19.8	13.1	19.5	48.4	15.0	20.0	29.7	23.1	21.1	38.2
Accidental falls	11.6	22.7	8.9	24.5	8.1	16.5	0.0	14.3	5.4	18.5	9.0	2.6	15.2	9.1	5.5	0.0
Accidental poisoning	17.5	24.5	17.9	17.2	22.4	12.9	41.8	16.4	27.8	35.5	20.7	12.7	15.7	13.1	12.8	10.4
Accidental drowning	2.4	18.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	1.3	2.4	2.4	3.9	3.9	2.0	15.4
Alzheimer's disease	24.5	6.8	17.8	3.2	16.4	22.4	0.0	32.4	19.3	14.0	16.5	16.2	6.5	23.5	4.5	3.4
Influenza and pneumonia	15.6	30.0	13.1	34.4	16.9	40.0	37.8	14.8	16.4	35.9	15.0	12.2	6.5	15.5	16.1	8.2
Diabetes	18.2	49.6	22.7	16.3	14.5	43.9	26.7	17.1	20.6	17.8	19.1	17.3	37.8	12.3	24.1	25.2
Intentional self-harm (suicide)	24.6	22.1	28.4	35.4	36.8	17.8	14.9	21.5	49.0	36.3	24.6	29.2	24.4	38.7	14.5	48.2
Chronic liver disease and cirrhosis	15.4	22.2	16.1	20.7	6.8	32.3	0.0	13.2	28.3	23.4	16.9	14.0	12.6	19.3	17.7	55.6
Nephritis	9.2	3.1	13.6	23.3	6.7	5.0	0.0	6.9	13.1	6.6	12.0	9.6	9.4	14.2	9.4	10.9
Assault (homicide)	8.0	12.6	8.5	5.8	17.5	0.0	0.0	7.9	7.4	8.1	9.6	10.2	6.0	3.5	2.3	0.0
Septicemia	8.2	32.9	6.7	15.5	12.5	5.4	0.0	8.3	10.1	12.5	6.9	4.5	11.7	6.6	8.8	6.7
Parkinson's disease	9.6	0.0	10.1	11.9	4.5	10.8	0.0	10.0	6.4	15.6	10.6	4.9	10.0	10.7	10.8	0.0
Essential (primary) hypertension	8.2	19.8	5.2	6.4	6.9	11.5	57.7	10.0	7.3	15.0	4.5	8.9	6.5	4.8	2.6	0.0
HIV disease	3.0	13.5	2.0	3.1	2.3	3.6	0.0	3.0	2.4	3.8	2.6	3.2	4.8	1.3	1.1	10.4
Injury by firearms	21.1	13.0	24.8	21.1	21.0	10.7	14.9	19.6	29.9	18.7	23.0	26.2	16.1	30.9	11.9	41.5
Drug-induced deaths	20.1	11.1	20.5	16.1	26.4	12.9	41.8	19.2	37.2	20.7	23.1	17.1	23.5	18.7	12.8	10.4
Alcohol-induced deaths	17.4	58.6	17.2	39.5	23.1	26.1	0.0	16.0	23.5	34.5	15.0	13.7	4.7	22.0	9.9	45.9
AVERAGE AGE AT DEATH	69.1	60.0	68.8	60.8	69.4	69.3	74.0	68.5	70.0	62.0	69.7	65.7	72.6	71.9	70.6	68.7
MEDIAN AGE AT DEATH	73.0	64.5	74.0	65.0	74.0	77.0	78.0	73.0	72.0	66.0	74.0	69.0	72.0	75.0	74.0	70.5

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, 2009

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
Total, all causes	555.1	640.7	559.5	586.1	651.0	592.8	529.0	551.1	645.4	740.1	561.6	540.5	475.5	530.8	453.2	456.9
Cardiovascular disease	154.9	123.5	169.7	149.2	178.8	178.4	183.1	154.9	183.6	171.1	155.9	145.2	118.6	154.8	130.3	85.5
Diseases of heart	114.1	92.7	127.7	92.8	130.9	137.9	102.8	113.6	155.0	126.2	114.9	102.6	86.6	115.1	88.8	66.6
Coronary heart disease	86.8	60.4	93.0	56.9	93.2	109.0	51.4	92.1	113.7	87.7	79.8	69.0	62.6	81.0	61.1	55.3
Malignant neoplasms	125.8	81.8	132.8	91.1	133.4	115.2	48.8	125.9	162.6	142.9	130.0	102.7	131.8	120.3	106.6	116.2
Lung cancer	32.2	15.9	27.6	21.1	47.0	27.5	22.6	31.8	58.7	42.2	30.7	28.1	24.3	29.3	25.5	49.8
Breast cancer	19.2	5.5	18.0	12.6	7.4	31.8	0.0	18.6	16.5	31.9	21.3	16.7	22.6	20.9	25.3	23.2
Colorectal cancer	11.2	7.4	15.5	7.0	7.7	3.7	0.0	11.0	15.6	10.1	11.4	8.0	8.0	11.8	10.2	15.3
Cervical cancer	1.8	9.1	0.9	2.6	4.8	0.0	0.0	1.8	1.9	0.0	1.8	1.3	0.0	1.1	1.6	0.0
Malignant melanoma of skin	1.8	0.0	2.0	0.0	2.1	0.0	0.0	1.5	2.5	0.0	1.9	2.3	0.0	4.9	2.3	0.0
Cerebrovascular disease	29.1	25.3	30.9	44.4	35.8	36.7	28.9	28.6	21.7	27.2	30.6	35.3	20.0	30.4	26.2	7.3
Chronic lower respiratory diseases	37.1	19.5	39.3	33.0	68.2	20.4	0.0	36.5	57.3	48.8	35.9	43.7	19.2	33.6	27.2	21.1
Accident (unintentional injury)	29.8	67.7	23.2	34.3	51.8	41.5	81.1	28.8	33.3	58.4	30.2	30.7	4.0	26.1	23.5	28.5
Motor vehicle accident	6.5	31.8	6.5	8.1	27.1	13.2	22.6	5.3	6.2	28.4	6.2	6.7	0.0	6.1	6.1	11.3
Accidental falls	9.4	5.5	5.3	12.9	6.7	0.0	0.0	11.2	5.8	7.7	7.3	10.0	0.0	8.6	3.4	3.8
Accidental poisoning	9.8	19.4	9.0	4.7	14.1	19.6	58.5	8.6	17.7	12.7	12.7	6.5	4.0	8.1	11.7	13.4
Accidental drowning	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	1.9	1.3	1.5	0.0	1.0	0.0	0.0
Alzheimer's disease	32.8	10.1	19.4	29.5	31.2	0.0	0.0	42.7	20.6	28.0	20.7	27.8	35.8	23.9	6.1	7.5
Influenza and pneumonia	13.7	39.6	15.3	21.3	15.5	37.5	0.0	12.4	12.1	24.9	13.2	14.9	20.4	16.0	15.2	5.9
Diabetes	13.5	33.7	10.7	8.5	27.5	30.0	55.1	12.5	21.9	30.4	16.1	11.4	12.2	7.0	9.7	10.0
Intentional self-harm (suicide)	8.1	15.0	11.5	9.7	9.0	9.8	0.0	6.3	10.3	6.5	8.9	11.1	12.7	17.5	8.3	41.8
Chronic liver disease and cirrhosis	9.1	16.0	8.9	15.7	16.6	8.9	40.0	7.0	16.9	41.0	10.3	10.8	11.4	7.8	2.1	25.5
Nephritis	6.5	14.2	16.2	11.9	8.6	8.2	0.0	4.0	7.8	10.5	7.6	10.7	10.7	8.9	14.8	3.6
Assault (homicide)	2.9	5.3	3.3	3.8	3.4	0.0	0.0	2.7	3.3	7.0	3.5	2.9	3.6	1.0	1.1	0.0
Septicemia	7.3	18.2	14.3	12.8	5.9	0.0	22.0	7.6	1.7	16.0	5.6	6.4	0.0	6.8	5.9	4.0
Parkinson's disease	4.1	8.3	3.1	9.7	2.1	0.0	0.0	4.5	2.8	4.1	3.8	6.9	0.0	1.3	1.3	3.8
Essential (primary) hypertension	5.7	5.5	5.9	7.7	5.1	0.0	28.9	7.2	4.0	1.9	2.8	4.5	4.0	3.5	6.6	4.0
HIV disease	0.3	0.0	1.0	0.0	0.0	0.0	0.0	0.3	0.0	2.0	0.4	1.3	0.0	0.0	0.0	0.0
Injury by firearms	4.8	16.5	6.9	5.3	7.6	0.0	0.0	3.7	7.7	3.0	5.8	6.3	3.6	6.3	6.0	15.9
Drug-induced deaths	13.5	14.6	13.6	5.9	18.9	19.6	58.5	12.2	20.3	15.0	16.2	10.0	12.7	19.7	13.3	39.3
Alcohol-induced deaths	6.9	15.8	5.6	14.5	8.9	0.0	0.0	5.6	10.1	36.4	6.7	11.0	0.0	5.7	0.7	25.5
AVERAGE AGE AT DEATH	74.8	68.5	74.2	72.0	74.8	72.3	67.4	75.2	73.5	67.7	75.7	71.3	76.6	76.6	73.2	70.1
MEDIAN AGE AT DEATH	80.0	74.0	77.0	77.0	78.0	78.0	70.0	81.0	77.0	72.0	81.0	76.0	82.0	81.0	78.0	75.0

**TABLE 5E-12  
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA										TOTAL DEATHS, BOTH GENDERS									
	Apache	Cochise	Cocoino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz	Unknown				
<b>Total, all causes</b>	530	1,122	676	646	271	50	24,349	2,260	825	8,065	1,994	284	2,303	1,306	227	157				
Salmonella infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Shigellosis and amebiasis	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0				
Certain other intestinal infections	218	5	7	1	3	1	0	118	8	4	47	8	0	7	8	0				
Enterocolitis due to Clostridium difficile	161	4	4	0	0	0	0	96	5	2	34	4	0	6	5	0				
Tuberculosis	8	0	0	1	0	1	0	5	0	0	0	0	0	0	1	0				
Respiratory tuberculosis	8	0	0	1	0	1	0	5	0	0	0	0	0	0	1	0				
Other tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Whooping cough	2	0	0	0	0	0	1	0	0	1	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	528	15	18	12	8	1	1	298	16	14	73	19	2	24	18	2				
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	239	2	3	1	5	1	0	138	7	3	47	9	1	16	6	0				
Human immunodeficiency virus (HIV) disease	105	4	2	2	1	1	0	62	2	3	15	7	1	1	1	2				
Malaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Other and unspecified infectious and parasitic diseases	175	2	3	1	0	1	0	104	6	2	33	13	0	4	6	0				
Malignant neoplasms	10,147	78	244	114	149	57	10	5,421	578	163	1,881	454	76	543	295	62				
Malignant neoplasm of lip, oral cavity and pharynx	125	1	4	0	1	1	0	59	15	2	26	5	0	8	3	0				
Malignant neoplasm of esophagus	266	2	4	5	6	3	1	134	16	2	49	11	2	21	7	2				
Malignant neoplasm of stomach	179	4	3	5	2	0	0	93	6	3	40	8	1	3	8	2				
Malignant neoplasm of colon, rectum and anus	887	9	27	12	8	2	1	457	53	17	153	43	4	59	33	7				
Malignant neoplasm of liver and intrahepatic bile ducts	371	3	15	5	13	3	2	188	22	7	67	19	5	12	8	2				
Malignant neoplasm of pancreas	622	7	17	7	7	1	1	342	31	10	133	29	4	19	12	2				
Malignant neoplasm of larynx	66	1	2	0	3	0	0	28	8	1	11	7	0	3	2	0				
Malignant neoplasm of trachea, bronchus and lung	2,691	8	62	19	47	16	2	1,410	207	37	474	135	20	143	86	20				
Malignant melanoma of skin	226	2	8	1	1	0	0	121	6	1	43	17	0	18	6	1				
Malignant neoplasm of breast	716	2	15	8	6	7	0	388	26	18	139	29	6	36	31	3				
Malignant neoplasm of cervix uteri	64	3	1	2	1	0	0	38	2	0	11	2	0	2	2	0				
Malignant neoplasm of corpus uteri and uterus, part unspecified	108	0	4	2	1	0	0	58	3	2	19	7	1	7	3	1				
Malignant neoplasm of ovary	271	4	8	4	3	1	0	157	10	5	51	4	3	14	5	1				
Malignant neoplasm of prostate	551	8	7	6	6	3	2	285	37	9	110	19	7	32	12	5				
Malignant neoplasm of kidney and renal pelvis	240	2	4	0	6	3	0	132	10	5	47	10	4	13	2	0				
Malignant neoplasm of bladder	264	1	6	2	4	2	0	147	14	5	45	9	0	16	10	2				

**TABLE 5E-12 (continued)**  
**DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA	TOTAL DEATHS, BOTH GENDERS														Unknown	
		Apache	Cochise	Cocoino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma		La Paz
Malignant neoplasm of meninges, brain and other parts of CNS	275	1	9	4	1	2	0	163	12	2	41	11	4	19	6	0	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	1,019	3	25	12	16	4	0	590	32	12	191	38	6	57	28	3	2
Hodgkin's disease	16	0	0	0	0	0	0	11	0	0	2	1	1	0	1	0	0
Non-Hodgkin's lymphoma	388	2	14	5	6	2	0	216	13	3	76	15	2	18	15	0	1
Leukemia	425	0	7	4	7	2	0	268	13	5	73	14	1	24	6	1	0
Multiple myeloma and immunoproliferative neoplasms	189	1	4	3	3	0	0	94	6	4	40	8	2	15	6	2	1
Other and unspecified malignant neoplasms of lymphoid tissue	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasm	1,206	17	23	20	17	9	1	631	68	25	231	51	9	61	31	11	1
In situ neoplasms	490	2	7	1	5	2	0	342	12	5	35	44	4	15	13	2	1
Anemias	49	3	1	0	0	0	0	27	5	0	11	1	0	1	0	0	0
Diabetes	1,078	23	30	11	20	15	3	548	58	25	203	48	11	32	42	5	4
Nutritional deficiencies	53	2	0	1	0	0	0	22	5	4	10	1	1	1	5	1	0
Malnutrition	52	2	0	1	0	0	0	22	5	4	9	1	1	1	5	1	0
Other nutritional deficiencies	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Obesity	84	0	3	3	0	0	0	50	5	7	10	3	0	2	1	0	0
Meningitis	14	0	0	0	1	0	0	6	1	0	2	3	0	0	1	0	0
Parkinson's disease	446	3	11	7	3	2	0	252	15	8	83	20	2	22	16	1	1
Alzheimer's disease	2,086	5	34	13	25	4	0	1,481	63	20	246	66	10	96	15	3	5
Major cardiovascular diseases	13,138	112	368	176	191	79	14	7,061	735	193	2,402	527	82	719	380	73	26
Diseases of heart	10,151	85	288	128	151	59	7	5,424	639	144	1,848	400	55	565	275	63	20
Acute rheumatic fever and chronic rheumatic heart disease	51	0	2	0	3	0	0	28	3	1	8	1	1	3	1	0	0
Hypertensive heart disease	698	6	11	4	7	0	1	400	55	9	111	50	3	28	9	1	3
Hypertensive heart and renal disease	35	0	0	0	2	1	0	23	2	0	4	0	1	0	2	0	0
Ischemic heart disease	7,372	58	211	87	105	45	4	4,136	455	95	1,250	247	38	382	197	50	12
Acute myocardial infarction	1,640	23	36	16	17	11	2	890	75	30	336	61	9	49	61	22	2
Other acute ischemic heart disease	31	1	1	1	0	0	0	10	2	4	6	2	1	2	1	0	0
Other forms of chronic ischemic heart disease	5,701	34	174	70	88	34	2	3,236	378	61	908	184	28	331	135	28	10
Atherosclerotic cardiovascular disease	1,825	13	104	28	20	4	1	983	186	7	264	38	11	136	19	7	4
All other forms of chronic ischemic heart disease	3,876	21	70	42	68	30	1	2,253	192	54	644	146	17	195	116	21	6
Other heart diseases	1,995	21	64	37	34	13	2	837	124	39	475	102	12	152	66	12	5
Acute and subacute endocarditis	22	0	0	1	1	0	0	11	0	1	4	1	0	1	2	0	0
Diseases of pericardium and acute myocarditis	12	0	1	1	0	0	0	8	0	0	1	1	0	0	0	0	0
Heart failure	583	6	22	8	12	5	2	143	39	5	210	38	4	67	16	4	2
All other forms of heart disease	1,378	15	41	27	21	8	0	675	85	33	260	62	8	84	48	8	3
Essential (primary) hypertension and hypertensive renal disease	475	8	10	6	6	2	3	318	17	7	45	22	2	15	12	1	1
Cerebrovascular diseases	2,010	17	59	37	26	14	1	1,068	62	29	392	92	18	115	73	4	3





**TABLE 5E-12 (continued)  
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA										TOTAL DEATHS, BOTH GENDERS									
	Apache	Cochise	Cocoino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz	Unknown				
Other complications of pregnancy, childbirth and the puerperium	7	1	0	0	0	0	0	4	0	0	0	0	1	0	0	0				
Perinatal conditions	263	2	4	1	3	2	0	168	5	1	40	16	3	9	8	1				
Congenital anomalies, deformations and chromosomal abnormalities	211	5	2	4	2	1	0	126	5	6	31	12	1	6	8	1				
Symptoms, signs, abnormal findings	802	9	11	13	5	2	0	583	20	9	56	44	2	20	6	3				
Total accidents	2,887	80	67	77	41	16	6	1,578	101	100	453	125	13	112	75	11				
Transport accidents	844	38	26	35	18	4	2	390	29	46	124	46	5	39	27	4				
Motor vehicle accidents	771	31	24	30	17	4	2	356	28	41	111	45	5	36	27	4				
Other land transport accidents	20	4	1	3	0	0	0	6	0	3	1	0	0	1	0	1				
Water, air, space	53	3	1	2	1	0	0	28	1	2	12	1	0	2	0	0				
Nontransport accidents	2,043	42	41	42	23	12	4	1,188	72	54	329	79	8	73	48	7				
Falls	731	8	12	14	7	3	0	480	18	13	103	21	3	34	11	1				
Accidental discharge of firearms	7	0	1	0	0	0	0	5	0	0	0	1	0	0	0	0				
Accidental drowning and submersion	99	7	0	0	0	0	0	54	1	2	19	6	1	6	2	1				
Accidental exposure to smoke, fire and flames	31	0	1	1	1	0	0	13	0	2	8	3	0	0	1	0				
Accidental poisoning	887	15	17	16	10	6	4	493	43	25	166	31	4	25	21	2				
Other and unspecified nontransport accidents	288	12	10	11	5	3	0	143	10	12	33	17	0	8	13	3				
Intentional self-harm (suicide)	1,060	14	28	32	13	6	1	529	65	23	172	62	8	71	23	10				
By discharge of firearms	596	6	15	14	6	2	1	301	37	8	103	35	2	45	15	6				
By other means	464	8	13	18	7	4	0	228	28	15	69	27	6	26	8	4				
Assault (homicide)	360	7	8	7	5	0	0	212	10	8	65	21	2	5	3	0				
By discharge of firearms	224	2	7	2	3	0	0	134	5	3	43	14	2	3	3	0				
By other means	136	5	1	5	2	0	0	78	5	5	22	7	0	2	0	0				
Legal intervention	7	1	0	0	0	0	0	3	0	1	1	0	0	1	0	0				
Events of undetermined intent	119	2	1	9	2	0	0	72	2	4	11	6	1	7	1	0				
Discharge of firearms	9	1	0	1	0	0	0	3	0	0	1	2	0	1	0	0				
Other and unspecified events of undetermined intent	110	1	1	8	2	0	0	69	2	4	10	4	1	6	1	0				
Operations of war	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0				
Complications of medical and surgical care	50	1	3	1	1	0	0	21	4	1	10	3	0	3	2	0				
<b>INJURY BY FIREARMS</b>	<b>843</b>	<b>10</b>	<b>23</b>	<b>17</b>	<b>9</b>	<b>2</b>	<b>1</b>	<b>446</b>	<b>42</b>	<b>12</b>	<b>148</b>	<b>52</b>	<b>4</b>	<b>50</b>	<b>18</b>	<b>3</b>				
<b>DRUG-INDUCED DEATHS</b>	<b>1,093</b>	<b>9</b>	<b>22</b>	<b>16</b>	<b>12</b>	<b>6</b>	<b>4</b>	<b>617</b>	<b>56</b>	<b>19</b>	<b>197</b>	<b>43</b>	<b>8</b>	<b>45</b>	<b>23</b>	<b>5</b>				
<b>ALCOHOL-INDUCED DEATHS</b>	<b>795</b>	<b>25</b>	<b>18</b>	<b>38</b>	<b>11</b>	<b>5</b>	<b>0</b>	<b>411</b>	<b>37</b>	<b>36</b>	<b>114</b>	<b>39</b>	<b>1</b>	<b>36</b>	<b>10</b>	<b>6</b>				

**TABLE 5E-12 (continued)**  
**DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA										MALE DEATHS									
	Apache	Cochise	Cocconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz	Unknown				
<b>Total, all causes</b>	23,535	311	595	389	323	141	29	12,456	1,257	428	4,142	1,077	163	1,257	703	146	118			
Salmonella infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Shigellosis and amebiasis	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0			
Certain other intestinal infections	86	2	4	0	1	0	0	50	2	2	14	4	0	4	3	0	0			
Enterocolitis due to Clostridium difficile	64	1	1	0	0	0	0	40	2	2	10	2	0	3	0	0	0			
Tuberculosis	6	0	0	1	0	1	0	4	0	0	0	0	0	0	0	0	0			
Respiratory tuberculosis	6	0	0	1	0	1	0	4	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	1	0	0	0	0	0	0	0	0	0	1	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	253	9	5	6	5	1	0	138	13	5	35	8	2	11	10	1	4			
Syphilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Acute poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Arthropod-borne encephalitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Measles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Viral hepatitis	150	1	2	1	3	1	0	85	3	3	33	6	1	9	2	0	0			
Human immunodeficiency virus (HIV) disease	94	4	1	2	1	1	0	57	2	2	13	5	1	1	1	1	2			
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	82	1	2	0	0	1	0	54	1	0	12	10	0	0	1	0	0			
Malignant neoplasms	5,432	48	121	65	81	32	8	2,827	318	83	1,010	271	42	314	160	37	15			
Malignant neoplasm of lip, oral cavity and pharynx	89	1	4	0	0	1	0	37	10	2	18	5	0	8	3	0	0			
Malignant neoplasm of esophagus	214	2	2	5	5	3	1	108	12	2	37	9	0	20	5	2	1			
Malignant neoplasm of stomach	105	2	3	5	2	0	0	47	4	3	23	5	1	2	5	2	1			
Malignant neoplasm of colon, rectum and anus	463	6	13	8	4	1	1	228	29	11	74	28	2	35	19	3	1			
Malignant neoplasm of liver and intrahepatic bile ducts	246	3	13	1	7	1	1	122	14	2	49	14	4	11	3	1	0			
Malignant neoplasm of pancreas	304	4	5	4	2	0	1	166	14	7	64	15	1	10	10	1	0			
Malignant neoplasm of larynx	59	1	2	0	3	0	0	25	7	1	9	6	0	3	2	0	0			
Malignant neoplasm of trachea, bronchus and lung	1,480	2	36	9	22	10	1	761	110	14	267	84	14	85	52	9	4			
Malignant melanoma of skin	160	2	6	1	0	0	0	89	3	1	30	13	0	10	3	1	1			
Malignant neoplasm of breast	8	0	0	0	2	0	0	5	1	0	0	0	0	0	0	0	0			
Malignant neoplasm of prostate	551	8	7	6	6	3	2	285	37	9	110	19	7	32	12	5	3			
Malignant neoplasm of kidney and renal pelvis	161	2	2	0	5	3	0	85	8	5	32	5	3	9	1	0	1			
Malignant neoplasm of bladder	206	1	2	2	3	2	0	114	13	5	33	7	0	12	9	2	1			

**TABLE 5E-12 (continued)**  
**DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA										MALE DEATHS									
	Apache	Cochise	Cocoino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz	Unknown				
Malignant neoplasm of meninges, brain and other parts of CNS	151	1	5	3	0	2	0	91	6	2	18	6	3	12	2	0				
Malignant neoplasm of lymphoid, hematopoietic and related tissue	575	1	10	9	12	1	0	321	19	7	117	26	4	28	16	3				
Hodgkin's disease	9	0	0	0	0	0	0	4	0	0	2	1	1	0	1	0				
Non-Hodgkin's lymphoma	212	1	6	4	6	1	0	112	7	2	44	9	0	11	8	0				
Leukemia	246	0	3	2	4	0	0	150	8	3	45	11	1	13	5	1				
Multiple myeloma and immunoproliferative neoplasms	107	0	1	3	2	0	0	54	4	2	26	5	2	4	2	0				
Other and unspecified malignant neoplasms of lymphoid tissue	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0				
All other and unspecified malignant neoplasm	660	12	11	12	8	5	1	342	32	12	129	29	3	37	18	8				
In situ neoplasms	253	1	5	0	3	0	0	183	6	2	18	22	1	6	6	0				
Anemias	22	0	0	0	0	0	0	14	3	0	5	0	0	0	0	0				
Diabetes	569	13	19	7	6	8	1	289	28	9	99	28	8	20	28	4				
Nutritional deficiencies	26	1	0	0	0	0	0	11	3	3	4	0	0	0	4	0				
Malnutrition	26	1	0	0	0	0	0	11	3	3	4	0	0	0	4	0				
Other nutritional deficiencies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Obesity	47	0	1	3	0	0	0	28	3	4	3	3	0	1	1	0				
Meningitis	10	0	0	0	0	0	0	6	1	0	1	1	0	0	1	0				
Parkinson's disease	282	0	8	3	2	2	0	153	10	6	54	8	2	19	14	0				
Alzheimer's disease	697	2	14	1	7	4	0	481	27	6	84	21	1	40	6	1				
Major cardiovascular diseases	6,906	70	204	107	92	37	7	3,626	434	104	1,232	285	52	386	196	54				
Diseases of heart	5,558	53	166	84	77	27	3	2,899	386	78	985	231	33	321	150	49				
Acute rheumatic fever and chronic rheumatic heart disease	16	0	2	0	0	0	0	8	0	0	5	0	0	1	0	0				
Hypertensive heart disease	340	5	2	2	3	0	1	189	32	3	63	20	2	11	4	1				
Hypertensive heart and renal disease	18	0	0	0	2	1	0	12	1	0	0	0	1	0	0	0				
Ischemic heart disease	4,233	38	130	60	56	20	2	2,295	293	54	704	163	23	230	115	39				
Acute myocardial infarction	933	13	18	10	11	6	0	499	43	20	184	43	5	30	33	16				
Other acute ischemic heart disease	17	1	1	1	0	0	0	7	0	4	2	0	0	1	0	0				
Other forms of chronic ischemic heart disease	3,283	24	111	49	45	14	2	1,789	250	30	518	120	18	199	82	23				
Atherosclerotic cardiovascular disease	1,159	9	70	19	11	1	1	585	123	5	186	30	8	89	13	5				
All other forms of chronic ischemic heart disease	2,124	15	41	30	34	13	1	1,204	127	25	332	90	10	110	69	18				
Other heart diseases	951	10	32	22	16	6	0	395	60	21	213	48	7	79	30	9				
Acute and subacute endocarditis	14	0	0	1	1	0	0	8	0	1	1	0	0	1	1	0				
Diseases of pericardium and acute myocarditis	9	0	1	1	0	0	0	6	0	0	1	0	0	0	0	0				
Heart failure	256	3	9	4	5	1	0	65	14	3	92	13	1	35	6	3				
All other forms of heart disease	672	7	22	16	10	5	0	316	46	17	119	35	6	43	23	6				
Essential (primary) hypertension and hypertensive renal disease	244	6	4	3	3	2	2	159	10	6	23	14	1	7	3	0				
Cerebrovascular diseases	843	9	28	17	8	5	0	438	26	15	167	32	13	46	36	2				

**TABLE 5E-12 (continued)**  
**DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA										MALE DEATHS									
	Apache	Cochise	Cocoino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz	Unknown				
Atherosclerosis	69	1	2	0	2	0	0	0	0	17	2	1	1	3	1	0				
Other diseases of circulatory system	192	1	4	3	2	3	2	93	10	5	40	6	11	4	2	2				
Aortic aneurysm and dissection	125	0	2	2	2	1	1	60	10	0	27	4	7	2	1	2				
Other disease of arteries, arterioles and capillaries	67	1	2	1	0	2	1	33	0	5	13	2	0	4	2	1				
Other disorders of circulatory system	60	0	0	3	0	0	0	33	1	1	12	2	4	1	1	0				
Influenza and pneumonia	471	9	10	12	7	7	1	243	21	16	77	18	1	25	20	2				
Influenza	22	0	0	1	0	1	0	15	1	0	3	1	0	0	0	0				
Pneumonia	449	9	10	11	7	6	1	228	20	16	74	17	1	25	20	2				
Other acute lower respiratory infections	3	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0				
Acute bronchiolitis	3	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0				
Unspecified acute lower respiratory infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Chronic lower respiratory diseases	1,353	8	27	19	36	9	2	662	91	23	246	71	6	82	56	11				
Bronchitis, chronic and unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Empysema	109	1	1	6	4	1	0	52	7	5	17	2	2	8	2	1				
Asthma	16	0	0	0	0	0	0	7	0	0	7	1	0	1	0	0				
Other chronic lower respiratory diseases	1,228	7	26	13	32	8	2	603	84	18	222	68	4	73	54	10				
Pneumoconioses and chemical effects	10	3	0	0	0	0	1	3	0	0	2	0	0	1	0	0				
Pneumonitis due to solids and liquids	163	6	3	3	1	1	1	93	5	4	28	5	1	7	2	1				
Other disease of respiratory system	304	6	7	4	3	3	1	158	16	11	44	17	2	21	10	1				
Peptic ulcer	31	1	3	0	0	0	0	10	1	0	13	1	0	1	1	0				
Diseases of appendix	10	0	0	1	0	0	0	5	1	0	3	0	0	0	0	0				
Hernia	16	1	1	1	0	0	0	9	1	0	3	0	0	0	0	0				
Chronic liver disease and cirrhosis	499	7	13	13	3	6	0	244	33	12	86	22	3	28	17	7				
Alcoholic liver disease	336	4	4	11	2	4	0	183	22	8	49	15	0	17	7	5				
Other chronic liver disease and cirrhosis	163	3	9	2	1	2	0	61	11	4	37	7	3	11	10	2				
Cholelithiasis and other disorders of gallbladder	30	0	0	0	1	0	0	20	3	0	5	0	0	1	0	0				
Nephritis, nephrotic syndrome and nephrosis	279	1	11	9	3	1	0	112	19	3	61	16	2	25	12	3				
Acute and rapidly progressive nephritic and nephrotic syndrome	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0				
Chronic glomerulonephritis	34	0	2	1	0	0	0	16	1	0	7	3	0	3	1	0				
Renal failure	243	1	9	8	3	1	0	95	18	3	53	13	2	22	11	3				
Others disorders of kidney	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Infections of kidney	6	0	0	0	0	0	0	3	0	0	2	1	0	0	0	0				
Hyperplasia of prostate	8	0	2	0	0	0	1	2	1	0	1	0	1	0	0	0				

**TABLE 5E-12 (continued)**  
**DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA										MALE DEATHS										Unknown
	Apache	Cochise	Cocoino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz						
Perinatal conditions	145	0	4	1	2	0	0	0	95	4	1	17	11	3	4	3	0	0			
Congenital anomalies, deformations and chromosomal abnormalities	116	4	1	2	1	0	0	0	74	2	2	14	6	1	4	5	0	0			
Symptoms, signs, abnormal findings	346	9	9	8	2	0	0	0	222	9	6	31	22	1	7	2	2	16			
Total accidents	1,817	57	49	58	24	9	3	973	63	68	271	75	12	68	51	8	28				
Transport accidents	610	28	21	28	11	2	1	273	23	30	88	35	5	31	21	3	10				
Motor vehicle accidents	554	21	19	25	10	2	1	253	22	25	76	34	5	28	21	3	9				
Other land transport accidents	17	4	1	1	0	0	0	5	0	3	1	0	0	1	0	0	1				
Water, air, space	39	3	1	2	1	0	0	15	1	2	11	1	0	2	0	0	0				
Nontransport accidents	1,207	29	28	30	13	7	2	700	40	38	183	40	7	37	30	5	18				
Falls	343	6	7	8	3	3	0	223	8	9	46	4	3	15	6	0	2				
Accidental discharge of firearms	7	0	1	0	0	0	0	5	0	0	0	1	0	0	0	0	0				
Accidental drowning and submersion	80	7	0	0	0	0	0	48	0	1	12	4	1	4	2	1	0				
Accidental exposure to smoke, fire and flames	22	0	1	1	1	0	0	8	0	2	5	2	0	0	1	0	1				
Accidental poisoning	573	8	11	13	6	3	2	327	25	18	101	21	3	15	11	1	8				
Other and unspecified nontransport accidents	182	8	8	8	3	1	0	89	7	8	19	8	0	3	10	3	7				
Intentional self-harm (suicide)	792	8	20	25	10	4	1	405	54	19	124	46	5	49	14	5	3				
By discharge of firearms	492	2	11	13	4	2	1	258	31	8	82	27	2	37	10	4	0				
By other means	300	6	9	12	6	2	0	147	23	11	42	19	3	12	4	1	3				
Assault (homicide)	267	5	6	5	4	0	0	159	7	4	48	17	1	4	2	0	5				
By discharge of firearms	174	0	6	0	2	0	0	108	3	1	33	13	1	3	2	0	2				
By other means	93	5	0	5	2	0	0	51	4	3	15	4	0	1	0	0	3				
Legal intervention	6	1	0	0	0	0	0	2	0	1	1	0	0	1	0	0	0				
Events of undetermined intent	72	2	0	8	2	0	0	39	2	3	8	3	1	2	1	0	1				
Discharge of firearms	6	1	0	1	0	0	0	1	0	0	1	2	0	0	0	0	0				
Other and unspecified events of undetermined intent	66	1	0	7	2	0	0	38	2	3	7	1	1	2	1	0	1				
Operations of war	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0				
Complications of medical and surgical care	26	1	1	0	1	0	0	11	3	1	4	1	0	3	0	0	0				
<b>INJURY BY FIREARMS</b>	<b>685</b>	<b>4</b>	<b>18</b>	<b>14</b>	<b>6</b>	<b>2</b>	<b>1</b>	<b>374</b>	<b>34</b>	<b>10</b>	<b>117</b>	<b>43</b>	<b>3</b>	<b>41</b>	<b>12</b>	<b>4</b>	<b>2</b>				
<b>DRUG-INDUCED DEATHS</b>	<b>656</b>	<b>4</b>	<b>13</b>	<b>12</b>	<b>7</b>	<b>3</b>	<b>2</b>	<b>380</b>	<b>35</b>	<b>11</b>	<b>113</b>	<b>28</b>	<b>5</b>	<b>21</b>	<b>11</b>	<b>1</b>	<b>10</b>				
<b>ALCOHOL-INDUCED DEATHS</b>	<b>563</b>	<b>20</b>	<b>13</b>	<b>27</b>	<b>8</b>	<b>5</b>	<b>0</b>	<b>300</b>	<b>26</b>	<b>17</b>	<b>76</b>	<b>22</b>	<b>1</b>	<b>28</b>	<b>9</b>	<b>6</b>	<b>5</b>				

**TABLE 5E-12 (continued)**  
**DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA														Unknown	
	Apache	Cochise	Cocconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma		La Paz
<b>Total, all causes</b>	219	527	287	323	130	21	11,893	1,003	397	3,923	917	121	1,046	603	81	39
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	132	3	1	2	1	0	68	6	2	33	4	0	3	5	0	1
Enterocolitis due to Clostridium difficile	97	3	0	0	0	0	56	3	0	24	2	0	3	2	0	1
Tuberculosis	2	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
Respiratory tuberculosis	2	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
Other tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Whooping cough	1	0	0	0	0	0	1	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	275	6	13	6	3	0	1	160	3	9	38	11	0	13	8	1
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	89	1	1	0	2	0	53	4	0	14	3	0	7	4	0	0
Human immunodeficiency virus (HIV) disease	11	0	1	0	0	0	5	0	1	2	2	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	93	1	1	1	0	0	50	5	2	21	3	0	4	5	0	0
Malignant neoplasms	4,715	30	123	49	68	25	2,594	260	80	871	183	34	229	135	25	7
Malignant neoplasm of lip, oral cavity and pharynx	36	0	0	0	1	0	22	5	0	8	0	0	0	0	0	0
Malignant neoplasm of esophagus	52	0	2	0	1	0	26	4	0	12	2	2	1	2	0	0
Malignant neoplasm of stomach	74	2	0	0	0	0	46	2	0	17	3	0	1	3	0	0
Malignant neoplasm of colon, rectum and anus	424	3	14	4	4	1	229	24	6	79	15	2	24	14	4	1
Malignant neoplasm of liver and intrahepatic bile ducts	125	0	2	4	6	2	66	8	5	18	5	1	1	5	1	0
Malignant neoplasm of pancreas	318	3	12	3	5	1	176	17	3	69	14	3	9	2	1	0
Malignant neoplasm of larynx	7	0	0	0	0	0	3	1	0	2	1	0	0	0	0	0
Malignant neoplasm of trachea, bronchus and lung	1,211	6	26	10	25	6	649	97	23	207	51	6	58	34	11	1
Malignant melanoma of skin	66	0	2	0	1	0	32	3	0	13	4	0	8	3	0	0
Malignant neoplasm of breast	708	2	15	8	4	7	383	25	18	139	29	6	36	31	3	2
Malignant neoplasm of cervix uteri	64	3	1	2	1	0	38	2	0	11	2	0	2	2	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	108	0	4	2	1	0	58	3	2	19	7	1	7	3	1	0
Malignant neoplasm of ovary	271	4	8	4	3	1	157	10	5	51	4	3	14	5	1	1
Malignant neoplasm of kidney and renal pelvis	79	0	2	0	1	0	47	2	0	15	5	1	4	1	0	1
Malignant neoplasm of bladder	58	0	4	0	1	0	33	1	0	12	2	0	4	1	0	0

**TABLE 5E-12 (continued)**  
**DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA										FEMALE DEATHS									
	Apache	Cochise	Cocconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz	Unknown				
Malignant neoplasm of meninges, brain and other parts of CNS	124	0	4	1	1	0	0	72	6	0	23	5	1	7	4	0				
Malignant neoplasm of lymphoid, hematopoietic and related tissue	444	2	15	3	4	3	0	269	13	5	74	12	2	29	12	0				
Hodgkin's disease	7	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0				
Non-Hodgkin's lymphoma	176	1	8	1	0	1	0	104	6	1	32	6	2	7	7	0				
Leukemia	179	0	4	2	3	2	0	118	5	2	28	3	0	11	1	0				
Multiple myeloma and immunoproliferative neoplasms	82	1	3	0	1	0	0	40	2	2	14	3	0	11	4	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	546	5	12	8	9	4	0	289	36	13	102	22	6	24	13	3				
In situ neoplasms	237	1	2	1	2	2	0	159	6	3	17	22	3	9	7	2				
Anemias	27	3	1	0	0	0	0	13	2	0	6	1	0	1	0	0				
Diabetes	509	10	11	4	14	7	2	259	30	16	104	20	3	12	14	1				
Nutritional deficiencies	27	1	0	1	0	0	0	11	2	1	6	1	1	1	1	0				
Malnutrition	26	1	0	1	0	0	0	11	2	1	5	1	1	1	1	0				
Other nutritional deficiencies	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0				
Obesity	37	0	2	0	0	0	0	22	2	3	7	0	0	1	0	0				
Meningitis	4	0	0	0	1	0	0	0	0	0	1	2	0	0	0	0				
Parkinson's disease	164	3	3	4	1	0	0	99	5	2	29	12	0	3	2	1				
Alzheimer's disease	1,389	3	20	12	18	0	0	1,000	36	14	162	45	9	56	9	2				
Major cardiovascular diseases	6,232	42	164	69	99	42	7	3,435	301	89	1,170	242	30	333	184	19				
Diseases of heart	4,593	32	122	44	74	32	4	2,525	253	66	863	169	22	244	125	14				
Acute rheumatic fever and chronic rheumatic heart disease	35	0	0	0	3	0	0	20	3	1	3	1	1	2	1	0				
Hypertensive heart disease	358	1	9	2	4	0	0	211	23	6	48	30	1	17	5	0				
Hypertensive heart and renal disease	17	0	0	0	0	0	0	11	1	0	4	0	0	0	1	0				
Ischemic heart disease	3,139	20	81	27	49	25	2	1,841	162	41	546	84	15	152	82	11				
Acute myocardial infarction	707	10	18	6	6	5	2	391	32	10	152	18	4	19	28	6				
Other acute ischemic heart disease	14	0	0	0	0	0	0	3	2	0	4	2	1	1	1	0				
Other forms of chronic ischemic heart disease	2,418	10	63	21	43	20	0	1,447	128	31	390	64	10	132	53	5				
Atherosclerotic cardiovascular disease	666	4	34	9	9	3	0	398	63	2	78	8	3	47	6	2				
All other forms of chronic ischemic heart disease	1,752	6	29	12	34	17	0	1,049	65	29	312	56	7	85	47	3				
Other heart diseases	1,044	11	32	15	18	7	2	442	64	18	262	54	5	73	36	3				
Acute and subacute endocarditis	8	0	0	0	0	0	0	3	0	0	3	1	0	0	1	0				
Diseases of pericardium and acute myocarditis	3	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0				
Heart failure	327	3	13	4	7	4	2	78	25	2	118	25	3	32	10	1				
All other forms of heart disease	706	8	19	11	11	3	0	359	39	16	141	27	2	41	25	2				
Essential (primary) hypertension and hypertensive renal disease	231	2	6	3	3	0	1	159	7	1	22	8	1	8	9	1				
Cerebrovascular diseases	1,167	8	31	20	18	9	1	630	36	14	225	60	5	69	37	2				





**TABLE 5E-12 (continued)  
DEATHS BY COUNTY OF RESIDENCE AND GENDER FOR SELECTED 100+ CAUSES, ARIZONA, 2009**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA										FEMALE DEATHS									
	Apache	Cochise	Cocoino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz	Unknown				
Other complications of pregnancy, childbirth and the puerperium	7	1	0	0	0	0	0	4	0	0	0	1	0	0	0	0				
Perinatal conditions	118	2	0	0	1	2	0	73	1	0	23	5	0	5	1	0				
Congenital anomalies, deformations and chromosomal abnormalities	95	1	1	2	1	1	0	52	3	4	17	6	0	2	3	1				
Symptoms, signs, abnormal findings	456	0	2	5	3	2	0	361	11	3	25	22	1	13	4	1				
Total accidents	1,070	23	18	19	17	7	3	605	38	32	182	50	1	44	24	3				
Transport accidents	234	10	5	7	7	2	1	117	6	16	36	11	0	8	6	1				
Motor vehicle accidents	217	10	5	7	7	2	1	103	6	16	35	11	0	8	6	1				
Other land transport accidents	3	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0				
Water, air, space	14	0	0	0	0	0	0	13	0	0	1	0	0	0	0	0				
Nontransport accidents	836	13	13	12	10	5	2	488	32	16	146	39	1	36	18	2				
Falls	388	2	5	6	4	0	0	257	10	4	57	17	0	19	5	1				
Accidental discharge of firearms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Accidental drowning and submersion	19	0	0	0	0	0	0	6	1	1	7	2	0	2	0	0				
Accidental exposure to smoke, fire and flames	9	0	0	0	0	0	0	5	0	0	3	1	0	0	0	0				
Accidental poisoning	314	7	6	3	4	3	2	166	18	7	65	10	1	10	10	1				
Other and unspecified nontransport accidents	106	4	2	3	2	2	0	54	3	4	14	9	0	5	3	0				
Intentional self-harm (suicide)	268	6	8	7	3	2	0	124	11	4	48	16	3	22	9	5				
By discharge of firearms	104	4	4	1	2	0	0	43	6	0	21	8	0	8	5	2				
By other means	164	2	4	6	1	2	0	81	5	4	27	8	3	14	4	3				
Assault (homicide)	93	2	2	2	1	0	0	53	3	4	17	4	1	1	1	0				
By discharge of firearms	50	2	1	2	1	0	0	26	2	2	10	1	1	0	1	0				
By other means	43	0	1	0	0	0	0	27	1	2	7	3	0	1	0	1				
Legal intervention	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0				
Events of undetermined intent	47	0	1	1	0	0	0	33	0	1	3	3	0	5	0	0				
Discharge of firearms	3	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0				
Other and unspecified events of undetermined intent	44	0	1	1	0	0	0	31	0	1	3	3	0	4	0	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	24	0	2	1	0	0	0	10	1	0	6	2	0	0	2	0				
<b>INJURY BY FIREARMS</b>	<b>158</b>	<b>6</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>72</b>	<b>8</b>	<b>2</b>	<b>31</b>	<b>9</b>	<b>1</b>	<b>9</b>	<b>6</b>	<b>2</b>				
<b>DRUG-INDUCED DEATHS</b>	<b>437</b>	<b>5</b>	<b>9</b>	<b>4</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>237</b>	<b>21</b>	<b>8</b>	<b>84</b>	<b>15</b>	<b>3</b>	<b>24</b>	<b>12</b>	<b>4</b>				
<b>ALCOHOL-INDUCED DEATHS</b>	<b>232</b>	<b>5</b>	<b>5</b>	<b>11</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>111</b>	<b>11</b>	<b>19</b>	<b>38</b>	<b>17</b>	<b>0</b>	<b>8</b>	<b>1</b>	<b>2</b>				

**TABLE 5E-13  
RATES\* FOR SELECTED LEADING CAUSES OF DEATH STATEWIDE AND BY COUNTY OF RESIDENCE, ARIZONA, 2009**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
<b>Total, all causes</b>	683.2	691.3	791.2	488.0	1088.2	681.0	575.5	614.2	1105.3	714.7	792.2	608.5	598.0	1012.1	638.7	1042.9
<b>Cardiovascular disease</b>	199.2	146.1	259.5	127.1	321.8	198.5	161.1	178.1	359.5	167.2	236.0	160.8	172.7	316.0	185.8	335.4
<b>Diseases of heart</b>	153.9	110.9	203.1	92.4	254.4	148.3	80.6	136.8	312.5	124.8	181.5	122.1	115.8	248.3	134.5	289.4
<b>Coronary heart disease</b>	122.4	83.5	156.5	65.7	188.7	113.1	57.6	114.4	249.4	90.1	133.7	90.6	86.3	180.2	100.7	234.3
<b>Malignant neoplasms</b>	153.8	101.7	172.1	82.3	251.0	143.2	115.1	136.8	282.7	141.2	184.8	138.5	160.0	238.6	144.3	284.8
<b>Lung cancer</b>	40.8	10.4	43.7	13.7	79.2	40.2	23.0	35.6	101.2	32.1	46.6	41.2	42.1	62.8	42.1	91.9
<b>Colorectal cancer</b>	13.4	11.7	19.0	8.7	13.5	5.0	11.5	11.5	25.9	14.7	15.0	13.1	8.4	25.9	16.1	32.2
<b>Malignant melanoma of skin</b>	3.4	2.6	5.6	0.7	1.7	0.0	0.0	3.1	2.9	0.9	4.2	5.2	0.0	7.9	2.9	4.6
<b>Accident (unintentional injury)</b>	43.8	104.3	47.2	55.6	69.1	40.2	69.1	39.8	49.4	86.6	44.5	38.1	27.4	49.2	36.7	50.5
<b>Accidental poisoning</b>	13.4	19.6	12.0	11.6	16.8	15.1	46.0	12.4	21.0	21.7	16.3	9.5	8.4	11.0	10.3	9.2
<b>Motor vehicle accident</b>	11.7	40.4	16.9	21.7	28.6	10.1	23.0	9.0	13.7	35.5	10.9	13.7	10.5	15.8	13.2	18.4
<b>Falls</b>	11.1	10.4	8.5	10.1	11.8	7.5	0.0	12.1	8.8	11.3	10.1	6.4	6.3	14.9	5.4	4.6
<b>Accidental drowning</b>	1.5	9.1	0.0	0.0	0.0	0.0	0.0	1.4	0.5	1.7	1.9	1.8	2.1	2.6	1.0	4.6
<b>Chronic lower respiratory diseases</b>	42.6	18.3	46.5	24.5	121.3	35.2	23.0	36.4	91.9	41.6	49.0	45.5	23.2	66.8	46.5	68.9
<b>Alzheimer's disease</b>	31.6	6.5	24.0	9.4	42.1	10.1	0.0	37.4	30.8	17.3	24.2	20.1	21.1	42.2	7.3	13.8
<b>Cerebrovascular disease</b>	30.5	22.2	41.6	26.7	43.8	35.2	11.5	26.9	30.3	25.1	38.5	28.1	37.9	50.5	35.7	18.4
<b>Diabetes</b>	16.3	30.0	21.2	7.9	33.7	37.7	34.5	13.8	28.4	21.7	19.9	14.6	23.2	14.1	20.5	23.0
<b>Intentional self-harm (suicide)</b>	16.1	18.3	19.7	23.1	21.9	15.1	11.5	13.3	31.8	19.9	16.9	18.9	16.8	31.2	11.2	45.9
<b>Influenza and pneumonia</b>	15.3	30.0	16.9	16.6	25.3	35.2	11.5	12.8	19.6	25.1	17.4	13.4	12.6	25.0	20.5	13.8
<b>Chronic liver disease and cirrhosis</b>	12.4	15.7	14.8	18.0	16.8	20.1	23.0	9.7	25.9	29.5	14.6	11.9	12.6	18.0	9.8	41.3
<b>Nephritis</b>	8.1	7.8	19.0	10.1	13.5	7.5	0.0	5.0	15.7	7.8	11.4	10.7	10.5	18.0	16.1	18.4
<b>Septicemia</b>	8.0	19.6	12.7	8.7	13.5	2.5	11.5	7.5	7.8	12.1	7.2	5.8	4.2	10.5	8.8	9.2
<b>Essential (primary) hypertension</b>	7.2	10.4	7.1	4.3	10.1	5.0	34.5	8.0	8.3	6.1	4.4	6.7	4.2	6.6	5.9	4.6
<b>Parkinson's disease</b>	6.8	3.9	7.8	5.1	5.1	5.0	0.0	6.4	7.3	6.9	8.2	6.1	4.2	9.7	7.8	4.6
<b>Assault (homicide)</b>	5.5	9.1	5.6	5.1	8.4	0.0	0.0	5.3	4.9	6.9	6.4	6.4	4.2	2.2	1.5	0.0
<b>HIV disease</b>	1.6	5.2	1.4	1.4	1.7	2.5	0.0	1.6	1.0	2.6	1.5	2.1	2.1	0.4	0.5	4.6
<b>INJURY BY FIREARMS</b>	12.8	13.0	16.2	12.3	15.2	5.0	11.5	11.3	20.5	10.4	14.5	15.9	8.4	22.0	8.8	27.6
<b>DRUG-INDUCED DEATHS</b>	16.6	11.7	15.5	11.6	20.2	15.1	46.0	15.6	27.4	16.5	19.4	13.1	16.8	19.8	11.2	23.0
<b>ALCOHOL-INDUCED DEATHS</b>	12.1	32.6	12.7	27.4	18.5	12.6	0.0	10.4	18.1	31.2	11.2	11.9	2.1	15.8	4.9	36.8

\*These are crude mortality rates (the number of deaths per 100,000 population).

Note: The causes of death for 2009 are classified by the Tenth Revision of the International Classification of Diseases (ICD-10).

**TABLE 5E-14  
PERCENT OF TOTAL DEATHS FOR SELECTED LEADING CAUSES OF DEATH STATEWIDE AND BY COUNTY OF RESIDENCE,  
ARIZONA, 2009**

	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
<b>Total, all causes</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>Cardiovascular disease</b>	29.2	21.1	32.8	26.0	29.6	29.2	28.0	29.0	32.5	23.4	29.8	26.4	28.9	31.2	29.1	32.2
<b>Diseases of heart</b>	22.5	16.0	25.7	18.9	23.4	21.8	14.0	22.3	28.3	17.5	22.9	20.1	19.4	24.5	21.1	27.8
<b>Coronary heart disease</b>	17.9	12.1	19.8	13.5	17.3	16.6	10.0	18.6	22.6	12.6	16.9	14.9	14.4	17.8	15.8	22.5
<b>Malignant neoplasms</b>	22.5	14.7	21.7	16.9	23.1	21.0	20.0	22.3	25.6	19.8	23.3	22.8	26.8	23.6	22.6	27.3
<b>Lung cancer</b>	6.0	1.5	5.5	2.8	7.3	5.9	4.0	5.8	9.2	4.5	5.9	6.8	7.0	6.2	6.6	8.8
<b>Colorectal cancer</b>	2.0	1.7	2.4	1.8	1.2	0.7	2.0	1.9	2.3	2.1	1.9	2.2	1.4	2.6	2.5	3.1
<b>Malignant melanoma of skin</b>	0.5	0.4	0.7	0.1	0.2	0.0	0.0	0.5	0.3	0.1	0.5	0.9	0.0	0.8	0.5	0.4
<b>Accident (unintentional injury)</b>	6.4	15.1	6.0	11.4	6.3	5.9	12.0	6.5	4.5	12.1	5.6	6.3	4.6	4.9	5.7	4.8
<b>Accidental poisoning</b>	2.0	2.8	1.5	2.4	1.5	2.2	8.0	2.0	1.9	3.0	2.1	1.6	1.4	1.1	1.6	0.9
<b>Motor vehicle accident</b>	1.7	5.8	2.1	4.4	2.6	1.5	4.0	1.5	1.2	5.0	1.4	2.3	1.8	1.6	2.1	1.8
<b>Falls</b>	1.6	1.5	1.1	2.1	1.1	1.1	0.0	2.0	0.8	1.6	1.3	1.1	1.1	1.5	0.8	0.4
<b>Accidental drowning</b>	0.2	1.3	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.2	0.3	0.4	0.3	0.2	0.4
<b>Chronic lower respiratory diseases</b>	6.2	2.6	5.9	5.0	11.1	5.2	4.0	5.9	8.3	5.8	6.2	7.5	3.9	6.6	7.3	6.6
<b>Alzheimer's disease</b>	4.6	0.9	3.0	1.9	3.9	1.5	0.0	6.1	2.8	2.4	3.1	3.3	3.5	4.2	1.1	1.3
<b>Cerebrovascular disease</b>	4.5	3.2	5.3	5.5	4.0	5.2	2.0	4.4	2.7	3.5	4.9	4.6	6.3	5.0	5.6	1.8
<b>Diabetes</b>	2.4	4.3	2.7	1.6	3.1	5.5	6.0	2.3	2.6	3.0	2.5	2.4	3.9	1.4	3.2	2.2
<b>Intentional self-harm (suicide)</b>	2.4	2.6	2.5	4.7	2.0	2.2	2.0	2.2	2.9	2.8	2.1	3.1	2.8	3.1	1.8	4.4
<b>Influenza and pneumonia</b>	2.2	4.3	2.1	3.4	2.3	5.2	2.0	2.1	1.8	3.5	2.2	2.2	2.1	2.5	3.2	1.3
<b>Chronic liver disease and cirrhosis</b>	1.8	2.3	1.9	3.7	1.5	3.0	4.0	1.6	2.3	4.1	1.8	2.0	2.1	1.8	1.5	4.0
<b>Nephritis</b>	1.2	1.1	2.4	2.1	1.2	1.1	0.0	0.8	1.4	1.1	1.4	1.8	1.8	1.8	2.5	1.8
<b>Septicemia</b>	1.2	2.8	1.6	1.8	1.2	0.4	2.0	1.2	0.7	1.7	0.9	1.0	0.7	1.0	1.4	0.9
<b>Essential (primary) hypertension</b>	1.1	1.5	0.9	0.9	0.9	0.7	6.0	1.3	0.8	0.8	0.6	1.1	0.7	0.7	0.9	0.4
<b>Parkinson's disease</b>	1.0	0.6	1.0	1.0	0.5	0.7	0.0	1.0	0.7	1.0	1.0	1.0	0.7	1.0	1.2	0.4
<b>Assault (homicide)</b>	0.8	1.3	0.7	1.0	0.8	0.0	0.0	0.9	0.4	1.0	0.8	1.1	0.7	0.2	0.2	0.0
<b>HIV disease</b>	0.2	0.8	0.2	0.3	0.2	0.4	0.0	0.3	0.1	0.4	0.2	0.4	0.4	0.0	0.1	0.4
<b>INJURY BY FIREARMS</b>	1.9	1.9	2.0	2.5	1.4	0.7	2.0	1.8	1.9	1.5	1.8	2.6	1.4	2.2	1.4	2.6
<b>DRUG-INDUCED DEATHS</b>	2.4	1.7	2.0	2.4	1.9	2.2	8.0	2.5	2.5	2.3	2.4	2.2	2.8	2.0	1.8	2.2
<b>ALCOHOL-INDUCED DEATHS</b>	1.8	4.7	1.6	5.6	1.7	1.8	0.0	1.7	1.6	4.4	1.4	2.0	0.4	1.6	0.8	3.5

\*These are crude mortality rates (the number of deaths per 100,000 population).  
Note: The causes of death for 2009 are classified by the Tenth Revision of the International Classification of Diseases (ICD-10).

**TABLE 5E-15  
MORTALITY BY FIVE-YEAR AGE GROUPS AND COUNTY OF RESIDENCE, ARIZONA, 2009**

	Total*	Infant's age group:					Total <1 year	100+	95-99	90-94	85-89	80-84	75-79	70-74	65-69	60-64	55-59	50-54	45-49	40-44	35-39	30-34	25-29	20-24	15-19	10-14	5-9	1-4	Unknown
		<1 day	1-6 days	7-27 days	28- 365 days	Total <1 year																							
<b>ARIZONA</b>	45,065	206	75	80	186	547	295	1,548	4,178	6,595	6,447	5,225	4,269	3,541	3,057	2,487	2,024	1,387	885	653	489	490	400	255	75	69	127	22	
<b>Apache</b>	530	1	3	1	6	11	5	16	26	54	54	42	60	41	25	34	24	24	28	12	15	9	9	3	0	6	6	1	
<b>Cochise</b>	1,122	4	2	0	4	10	6	37	124	158	155	157	124	99	48	58	37	37	22	11	11	8	6	0	1	5	10	0	
<b>Coconino</b>	676	1	2	0	3	6	2	27	59	66	80	61	59	54	48	46	27	27	18	13	14	22	9	1	1	2	6	0	
<b>Gila</b>	646	2	0	0	2	4	2	54	82	90	90	91	82	54	34	22	13	13	8	11	3	5	6	2	0	2	4	0	
<b>Graham</b>	271	1	0	1	0	2	0	27	18	41	41	39	18	15	6	6	6	6	8	4	2	8	4	0	2	0	2	0	
<b>Greenlee</b>	50	0	0	0	0	0	0	5	5	5	5	8	5	4	3	0	2	2	3	0	0	0	0	0	0	0	0	0	
<b>Maricopa</b>	24,349	125	45	51	108	329	178	921	2,441	3,742	3,511	2,716	2,110	1,777	1,595	1,312	760	463	361	261	265	201	138	48	43	80	329	1	
<b>Mohave</b>	2,260	5	2	2	3	12	2	299	139	292	316	299	290	259	117	111	66	37	24	17	16	11	10	0	2	4	12	0	
<b>Navajo</b>	825	1	1	1	6	9	3	100	50	64	95	100	82	69	53	49	42	38	23	18	19	9	9	4	3	3	9	0	
<b>Pima</b>	8,065	30	13	13	25	81	54	794	2,494	1,294	1,201	938	719	614	474	500	224	132	105	104	72	66	34	11	11	17	81	0	
<b>Pinal</b>	1,994	15	4	5	15	39	7	138	190	267	267	236	250	192	120	165	65	53	43	22	24	18	17	1	3	3	39	0	
<b>Santa Cruz</b>	284	2	2	0	0	4	2	28	36	36	34	32	36	30	20	16	5	5	5	5	1	4	5	0	0	0	4	1	
<b>Yavapai</b>	2,303	9	1	1	4	15	13	236	236	346	372	284	228	187	118	167	49	36	19	10	16	16	2	2	1	3	15	0	
<b>Yuma</b>	1,306	10	0	3	7	20	7	176	102	182	192	176	167	119	69	85	41	23	13	8	8	13	4	2	1	1	20	0	
<b>La Paz</b>	227	0	0	1	1	2	0	38	13	23	22	38	28	31	14	18	10	4	4	1	1	1	1	1	0	1	2	0	
<b>Unknown</b>	157	0	0	1	2	3	0	5	2	12	12	8	5	11	7	16	16	7	6	2	4	1	1	0	1	0	3	19	

\* Includes records with unknown age.



**TABLE 5E-17  
INFANT MORTALITY RATES<sup>1</sup> BY COUNTY OF RESIDENCE, ARIZONA AND UNITED STATES, 1999-2009**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>U.S.</b>	7.1	6.9	6.9	7.0	6.8	6.8	6.9	6.6	6.7	6.5	6.4
<b>ARIZONA</b>	6.8	6.7	6.9	6.3	6.5	6.7	6.8	6.3	6.8	6.3	5.9
<b>Apache</b>	10.0	12.4	7.4	5.4	4.8	9.0	10.9	5.0	5.2	10.7	8.9
<b>Cochise</b>	7.2	6.3	7.3	7.6	10.8	7.2	10.7	9.4	8.6	6.2	5.4
<b>Coconino</b>	2.2	8.6	3.2	7.0	5.7	6.9	6.8	4.8	6.1	5.5	3.2
<b>Gila</b>	8.9	8.9	6.2	11.5	8.7	9.0	10.8	4.5	14.4	4.3	5.7
<b>Graham</b>	6.3	2.2	9.0	12.3	4.6	2.2	6.6	3.7	12.0	9.3	3.1
<b>Greenlee</b>	7.1	0.0	10.5	10.3	0.0	9.8	10.1	0.0	0.0	7.6	0.0
<b>Maricopa</b>	7.1	6.5	6.7	6.4	6.3	6.5	6.2	6.1	6.4	6.1	5.7
<b>Mohave</b>	8.0	9.0	6.6	4.5	9.8	7.3	12.1	7.3	7.0	3.5	5.4
<b>Navajo</b>	8.6	6.5	6.4	4.3	8.7	6.7	8.9	4.8	10.9	8.7	4.8
<b>Pima</b>	5.4	6.1	7.6	7.2	6.6	7.6	8.4	7.2	7.2	7.2	6.3
<b>Pinal</b>	7.5	9.6	8.2	5.9	6.5	6.5	8.2	6.5	7.4	5.8	7.3
<b>Santa Cruz</b>	4.0	3.8	2.6	5.2	1.3	8.7	5.1	5.3	6.5	5.0	5.3
<b>Yavapai</b>	4.9	6.8	8.0	4.7	4.3	3.0	4.7	8.0	7.9	4.1	7.3
<b>Yuma</b>	6.3	5.3	8.3	2.6	7.2	5.1	4.3	5.4	7.4	7.7	6.2
<b>La Paz</b>	22.2	16.3	10.8	4.3	9.3	8.7	4.1	4.4	4.3	12.2	11.5

<sup>1</sup>The number of infant deaths per 1,000 live births. The U.S. rates for 2007-2009 are provisional.

TABLE 5E-18  
 INFANT MORTALITY BY COUNTY OF RESIDENCE, CHILD'S RACE/ETHNICITY AND GENDER, ARIZONA, 2009

	Total			Race/ethnicity														
	Total *	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	547	299	248	192	109	83	215	115	100	75	41	34	52	28	24	13	6	7
Apache	11	5	6	2	0	2	0	0	0	0	0	0	9	5	4	0	0	0
Cochise	10	8	2	7	5	2	3	3	0	0	0	0	0	0	0	0	0	0
Coconino	6	4	2	2	1	1	1	0	1	0	0	0	3	3	0	0	0	0
Gila	4	3	1	0	0	0	2	2	0	0	0	0	2	1	1	0	0	0
Graham	2	0	2	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0
Greenlee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maricopa	329	186	143	122	77	45	122	64	58	60	31	29	13	8	5	12	6	6
Mohave	12	5	7	8	4	4	2	1	1	0	0	0	1	0	1	1	0	1
Navajo	9	4	5	2	2	0	0	0	0	0	0	0	7	2	5	0	0	0
Pima	81	40	41	23	7	16	46	23	23	9	8	1	3	2	1	0	0	0
Pinal	39	23	16	13	7	6	14	9	5	4	1	3	8	6	2	0	0	0
Santa Cruz	4	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0
Yavapai	15	9	6	10	5	5	4	3	1	1	1	0	0	0	0	0	0	0
Yuma	20	7	13	2	0	2	15	6	9	1	0	1	2	1	1	0	0	0
La Paz	2	0	2	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0

\*Includes records with unknown race/ethnicity.

**TABLE 5E-19  
INFANT MORTALITY RATES<sup>1</sup> BY COUNTY OF RESIDENCE, RACE/ETHNICITY AND GENDER, ARIZONA, 2009**

	Total, 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		
<b>ARIZONA</b>	5.9	6.3	5.5	4.8	5.4	4.3	5.6	5.9	5.3	17.1	18.0	16.2	8.4	9.0	7.8	3.8	*	*		
<b>Apache</b>	8.9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
<b>Cochise</b>	5.4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
<b>Coconino</b>	3.2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
<b>Gila</b>	5.7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
<b>Graham</b>	3.1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
<b>Greenlee</b>	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
<b>Maricopa</b>	5.7	6.3	5.1	5.0	6.1	3.8	4.9	5.1	4.7	17.9	17.5	18.3	7.1	*	*	4.6	*	*	*	
<b>Mohave</b>	5.4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Navajo</b>	4.8	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Pima</b>	6.3	6.1	6.6	4.6	*	6.5	7.5	7.2	7.8	*	*	*	*	*	*	*	*	*	*	*
<b>Pinal</b>	7.3	8.3	6.3	4.5	*	*	8.7	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Santa Cruz</b>	5.3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Yavapai</b>	7.3	*	*	7.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Yuma</b>	6.2	*	8.2	*	*	*	6.3	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>La Paz</b>	11.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

<sup>1</sup>Rate per 1,000 live births and calculated only if at least ten infant deaths recorded in specific race/gender/county group in 2009. Rates based on fewer than 10 cases are not statistically reliable.

\*Fewer than 10 infant deaths.

0.0: No infant deaths.

Note: The numerators are in Table 5E-18 and the denominators in Table 5B-8.



**TABLE 5E-20  
LEADING CAUSES OF INFANT DEATH BY COUNTY OF RESIDENCE, ARIZONA, 2009**

	County of residence																											
	Apache	Cochise	Coconino	Gila	Graham	Greelee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz	Unknown												
<b>Total</b>	258	31	29	101	4	8	18	14	9	122	38	15	5	42	18	2	1	7	10	17	2	3	2	3	1	10	28	547
Certain conditions originating in the perinatal period	2	4	1	2	2	0	164	5	1	40	16	3	9	8	1	0												
Maternal complications	0	1	0	1	0	0	17	1	0	7	2	0	1	1	0	0												
Complications of placenta, cord and membrane	0	1	0	0	0	0	21	0	0	2	0	1	2	2	0	0												
Short gestation and low birth weight	0	1	0	1	1	0	65	2	0	17	8	0	5	1	0	0												
Intrauterine hypoxia or birth asphyxia	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0												
Respiratory distress syndrome	0	0	0	0	0	0	6	0	0	2	0	0	0	0	0	0												
Other respiratory condition	2	0	0	0	0	0	11	1	0	1	0	2	0	0	1	0												
Bacterial sepsis of newborn	0	0	1	0	0	0	10	0	1	0	0	0	1	1	0	0												
Atelectasis	1	0	0	0	0	0	4	1	0	1	0	2	0	0	0	0												
Congenital malformations	3	2	2	1	0	0	70	3	3	17	9	1	3	6	1	1												
of heart	0	2	0	1	0	0	22	0	0	7	2	1	1	0	1	1												
of brain, spinal cord or nervous system	1	0	2	0	0	0	9	0	0	0	0	0	1	2	0	0												
of respiratory system	0	0	0	0	0	0	3	1	0	1	0	0	0	0	0	0												
Sudden infant death syndrome	1	0	1	0	0	0	18	3	1	12	3	0	0	2	0	1												
Accident (unintentional injury)	2	0	0	0	0	0	12	1	1	0	2	0	0	0	0	0												
Motor vehicle accident	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0												
Choked on food	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0												
Mechanical suffocation	7	1	0	0	0	0	4	1	0	0	1	0	0	0	0	0												
Influenza and pneumonia	1	2	0	0	0	0	3	0	0	1	2	0	0	1	0	0												
Diseases of the circulatory system	17	0	0	0	0	0	11	0	0	4	1	0	0	0	0	1												
Certain infectious and parasitic diseases	17	0	0	0	0	0	10	0	1	3	1	0	0	2	0	0												
Whooping cough	2	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0												
Diseases of the digestive system	3	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0												
Diseases of the nervous system	7	0	0	1	0	0	3	0	0	1	2	0	0	0	0	0												
Assault (homicide)	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0												
Exposure to drug/medicaments, undetermined intent	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0												
Other ill-defined and unspecified causes of mortality	0	1	0	0	0	0	24	0	0	0	2	0	1	0	0	0												
<b>Total, all causes*</b>	11	10	6	4	2	0	329	12	9	81	39	4	15	20	2	3												

\* Includes causes of death not shown above.

**TABLE 5E-21  
POSTNEONATAL MORTALITY BY COUNTY OF RESIDENCE, ARIZONA, 1999-2009**

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>ARIZONA*</b>	184	204	201	192	198	201	229	202	222	206	186
Apache	5	6	5	2	2	4	7	1	3	7	6
Cochise	2	7	5	8	9	4	5	5	6	2	4
Coconino	0	5	5	3	6	7	5	2	4	5	3
Gila	4	4	3	2	3	4	1	2	0	1	2
Graham	0	1	2	1	2	0	2	0	4	4	0
Greenlee	0	0	0	0	0	1	1	0	0	1	0
Maricopa	114	119	115	118	116	123	132	128	129	124	108
Mohave	5	5	3	2	10	8	12	5	7	1	3
Navajo	4	2	6	6	6	5	9	5	12	10	6
Pima	34	33	29	38	27	27	35	31	28	32	25
Pinal	6	8	11	4	9	5	10	9	10	10	15
Santa Cruz	0	0	0	2	1	4	1	2	1	3	0
Yavapai	4	7	5	4	2	3	5	7	9	2	4
Yuma	4	6	10	2	4	5	3	5	8	3	7
La Paz	1	1	1	0	1	1	1	0	1	1	1

\*Includes unknown county of residence.

TABLE 5E-22  
**POSTNEONATAL MORTALITY RATES<sup>1</sup> BY COUNTY OF RESIDENCE, ARIZONA AND UNITED STATES, 1999-2009**

County	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>ARIZONA</b>	2.3	2.4	2.4	2.2	2.2	2.2	2.4	2.0	2.2	2.1	2.0
<b>Apache</b>	4.5	4.7	4.7	1.8	1.6	3.0	5.5	0.8	2.6	5.8	4.8
<b>Cochise</b>	1.2	4.0	3.1	4.7	5.1	2.2	2.8	2.8	3.2	1.1	2.2
<b>Coconino</b>	0.0	2.7	2.7	1.6	3.1	3.5	2.4	1.0	1.9	2.5	1.6
<b>Gila</b>	6.0	5.9	4.6	2.9	4.3	6.0	1.5	3.0	0.0	1.4	2.8
<b>Graham</b>	0.0	2.2	4.5	2.1	4.6	0.0	4.4	0.0	6.9	6.2	0.0
<b>Greenlee</b>	0.0	0.0	0.0	0.0	0.0	9.8	10.1	0.0	0.0	7.6	0.0
<b>Maricopa</b>	2.2	2.2	2.1	2.1	2.0	2.0	2.1	1.9	2.0	2.0	1.9
<b>Mohave</b>	2.9	2.8	1.6	1.0	4.7	3.7	5.4	2.0	2.9	0.4	1.4
<b>Navajo</b>	2.3	1.2	3.8	3.7	3.5	2.8	4.7	2.7	6.0	5.1	3.2
<b>Pima</b>	2.9	2.6	2.4	3.0	2.1	2.1	2.7	2.2	2.0	2.4	1.9
<b>Pinal</b>	2.5	3.1	4.3	1.5	3.1	1.6	2.7	2.0	1.9	1.7	2.8
<b>Santa Cruz</b>	0.0	0.0	0.0	2.6	1.3	5.0	1.3	2.7	1.3	3.8	0.0
<b>Yavapai</b>	2.5	4.0	2.9	2.1	1.1	1.5	2.4	2.9	3.7	0.9	1.9
<b>Yuma</b>	1.4	2.0	3.3	0.7	1.3	1.5	0.9	1.5	2.5	0.9	2.2
<b>La Paz</b>	7.4	5.4	5.4	0.0	4.6	4.3	4.1	0.0	4.3	4.1	5.7

<sup>1</sup>Post-neonatal deaths per 1,000 live births.

TABLE 5E-23  
NEONATAL MORTALITY BY COUNTY OF RESIDENCE, ARIZONA, 1999-2009

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>ARIZONA*</b>	363	364	386	360	388	421	424	440	479	419	361
Apache	6	10	3	4	4	8	7	5	3	6	5
Cochise	10	4	7	5	10	9	14	12	10	9	6
Coconino	4	11	1	10	5	7	9	8	9	6	3
Gila	2	2	1	6	3	2	6	1	10	2	2
Graham	3	0	2	5	0	1	1	2	3	2	2
Greenlee	1	0	1	1	0	0	0	0	0	0	0
Maricopa	252	237	256	243	253	273	251	278	293	258	221
Mohave	9	11	9	7	11	8	15	13	10	7	9
Navajo	11	9	4	1	9	7	8	4	10	7	3
Pima	30	43	63	52	57	72	74	69	72	65	56
Pinal	12	17	10	12	10	15	20	20	29	23	24
Santa Cruz	3	3	2	2	0	3	3	2	4	1	4
Yavapai	4	5	9	5	6	3	5	12	10	7	11
Yuma	14	10	15	6	19	12	11	13	16	23	13
La Paz	2	2	1	1	1	1	0	1	0	2	1

\*Includes unknown county of residence.

TABLE 5E-24  
NEONATAL MORTALITY RATE<sup>1</sup> BY COUNTY OF RESIDENCE, ARIZONA, 1999-2009

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>ARIZONA</b>	4.5	4.3	4.5	4.1	4.3	4.5	4.4	4.3	4.7	4.2	3.9
<b>Apache</b>	5.4	7.8	2.8	3.6	3.2	6.0	5.5	4.2	2.6	5.0	4.0
<b>Cochise</b>	6.0	2.3	4.3	2.9	5.7	5.0	7.9	6.6	5.4	5.1	3.3
<b>Coconino</b>	2.2	5.9	0.5	5.4	2.6	3.5	4.3	3.9	4.2	3.0	1.6
<b>Gila</b>	3.0	3.0	1.5	8.6	4.3	3.0	9.2	1.5	14.4	2.9	2.8
<b>Graham</b>	6.3	0.0	4.5	10.3	0.0	2.2	2.2	3.7	5.2	3.1	3.1
<b>Greenlee</b>	7.1	0.0	10.5	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Maricopa</b>	4.9	4.4	4.6	4.3	4.3	4.5	4.0	4.2	4.4	4.1	3.8
<b>Mohave</b>	5.2	6.2	4.9	3.5	5.2	3.7	6.7	5.3	4.1	3.0	4.1
<b>Navajo</b>	6.3	5.4	2.5	0.6	5.2	3.9	4.2	2.1	5.0	3.6	1.6
<b>Pima</b>	2.5	3.4	5.2	4.2	4.5	5.5	5.7	5.0	5.2	4.8	4.4
<b>Pinal</b>	5.0	6.5	3.9	4.4	3.4	4.9	5.5	4.5	5.5	4.0	4.5
<b>Santa Cruz</b>	4.0	3.8	2.6	2.6	0.0	3.7	3.8	2.7	5.2	1.3	5.3
<b>Yavapai</b>	2.5	2.8	5.2	2.6	3.2	1.5	2.4	5.0	4.1	3.2	5.3
<b>Yuma</b>	4.9	3.3	5.0	2.0	6.0	3.6	3.3	3.9	4.9	6.8	4.0
<b>La Paz</b>	14.8	10.9	5.4	4.3	4.6	4.3	0.0	4.4	0.0	8.1	5.7

<sup>1</sup>Number of neonatal deaths per 1,000 live births.

**TABLE 5E-25  
LEADING CAUSES OF DEATH AMONG CHILDREN (1-14 YEARS) BY COUNTY OF RESIDENCE, ARIZONA, 2009**

	County of residence															
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz	Unknown
<b>ARIZONA</b>	91	48	22	4	33	13	19	18	8	10	9	6	1	4	4	271
Accident (unintentional injury)	4	2	1	0	0	0	58	2	3	8	5	0	3	2	2	0
Motor vehicle accident	2	0	2	1	0	0	32	1	2	1	2	0	2	1	2	0
Accidental drowning and submersion	1	0	0	0	0	0	11	0	0	6	2	0	1	1	0	0
Falls	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0	0
Malignant neoplasms	0	0	1	0	1	0	24	1	0	5	0	0	1	0	0	0
Leukemia	0	0	1	0	0	0	10	1	0	1	0	0	0	0	0	0
Congenital malformations	1	0	1	1	0	0	11	0	1	4	0	0	0	0	0	0
Assault (homicide)	0	1	0	0	0	0	11	0	2	3	1	0	0	0	0	0
By discharge of firearms	0	0	0	0	0	0	4	0	2	1	1	0	0	0	0	0
By other means	0	1	0	0	0	0	7	0	0	2	0	0	0	0	0	0
Influenza and pneumonia	0	0	0	0	0	0	6	1	1	1	0	0	0	0	0	0
Septicemia	1	0	0	0	0	0	4	0	0	1	0	0	0	0	0	0
Intentional self-harm (suicide)	0	0	0	0	0	0	2	0	1	0	0	0	0	1	0	0
Chronic lower respiratory diseases	1	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0
Asthma	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
<b>Total, all causes</b>	9	6	4	4	2	0	171	6	10	39	7	0	6	4	2	1

**TABLE 5E-26  
RATES\* FOR THE LEADING CAUSES OF DEATH AMONG CHILDREN (1-14 YEARS) BY COUNTY OF RESIDENCE,  
ARIZONA, 2009**

Underlying cause of death	County of residence															
	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
Accident (unintentional injury)	6.8	20.5	3.7	7.1	9.4	0.0	0.0	6.9	5.7	11.2	4.2	8.1	0.0	8.8	4.3	63.2
Motor vehicle accident	3.6	10.2	0.0	7.1	9.4	0.0	0.0	3.8	2.9	7.5	0.5	3.2	0.0	5.9	2.2	63.2
Accidental drowning and submersion	1.6	5.1	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	3.2	3.2	0.0	2.9	2.2	0.0
Falls	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms	2.5	0.0	0.0	3.6	0.0	12.3	0.0	2.9	2.9	0.0	2.6	0.0	0.0	2.9	0.0	0.0
Leukemia	1.0	0.0	0.0	3.6	0.0	0.0	0.0	1.2	2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0
Congenital malformations	1.4	5.1	0.0	3.6	9.4	0.0	0.0	1.3	0.0	3.7	2.1	0.0	0.0	0.0	0.0	0.0
Assault (homicide)	1.3	0.0	3.7	0.0	0.0	0.0	0.0	1.3	0.0	7.5	1.6	1.6	0.0	0.0	0.0	0.0
By discharge of firearms	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	7.5	0.5	1.6	0.0	0.0	0.0	0.0
By other means	0.7	0.0	3.7	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0
Influenza and pneumonia	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.9	3.7	0.5	0.0	0.0	0.0	0.0	0.0
<b>Total, all causes</b>	<b>20.2</b>	<b>46.1</b>	<b>22.2</b>	<b>14.3</b>	<b>37.8</b>	<b>24.6</b>	<b>0.0</b>	<b>20.4</b>	<b>17.1</b>	<b>37.3</b>	<b>20.6</b>	<b>11.3</b>	<b>0.0</b>	<b>17.6</b>	<b>8.7</b>	<b>63.2</b>

NOTE: The rates based on fewer than 10 deaths (see Table 5E-25) are not statistically reliable. All rates are per 100,000 children 1-14 years old.

**TABLE 5E-27  
LEADING CAUSES OF DEATH AMONG ADOLESCENTS (15-19 YEARS) BY COUNTY OF RESIDENCE, ARIZONA, 2009**

	ARIZONA															
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz	Unknown
<b>Accident (unintentional injury)</b>	6	3	3	4	2	0	52	4	6	10	7	1	0	1	1	1
<b>Motor vehicle accident</b>	2	2	1	1	2	0	25	2	3	6	4	0	0	1	1	0
<b>Accidental poisoning</b>	1	1	1	2	0	0	23	1	3	4	2	1	0	0	0	0
<b>Accidental drowning and submersion</b>	2	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0
<b>Intentional self-harm (suicide)</b>	1	1	4	0	2	0	21	1	2	9	5	1	1	1	0	0
<b>By discharge of firearms</b>	0	1	1	0	0	0	10	0	0	4	3	1	0	1	0	0
<b>By other means</b>	1	0	3	0	2	0	11	1	2	5	2	0	1	0	0	0
<b>Assault (homicide)</b>	1	0	0	1	0	0	27	2	0	8	1	1	0	0	0	0
<b>By discharge of firearms</b>	0	0	0	0	0	0	17	1	0	7	1	1	0	0	0	0
<b>By other means</b>	1	0	0	1	0	0	10	1	0	1	0	0	0	0	0	0
<b>Malignant neoplasms</b>	0	0	0	0	0	0	11	1	1	0	1	1	0	0	0	0
<b>Leukemia</b>	0	0	0	0	0	0	4	1	0	0	1	0	0	0	0	0
<b>Diseases of heart</b>	0	1	0	0	0	0	2	0	0	2	1	0	0	0	0	0
<b>Events of undetermined intent</b>	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0
<b>Total, all causes</b>	9	6	9	6	4	0	138	10	9	34	17	5	2	4	1	1



**TABLE 5E-28 (correction)**  
**RATES\* FOR THE LEADING CAUSES OF DEATH AMONG ADOLESCENTS (15-19 YEARS) BY COUNTY OF RESIDENCE,**  
**ARIZONA, 2009**

Underlying cause of death	ARIZONA	County of residence														
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
Accident (unintentional injury)	22.1	73.3	27.1	25.2	99.2	53.7	0.0	19.7	33.4	55.7	13.7	32.3	24.2	0.0	6.3	88.3
Motor vehicle accident	11.0	24.4	18.1	8.4	24.8	53.7	0.0	9.5	16.7	27.8	8.2	18.5	0.0	0.0	6.3	88.3
Accidental poisoning	8.6	12.2	9.0	8.4	49.6	0.0	0.0	8.7	8.3	27.8	5.5	9.2	24.2	0.0	0.0	0.0
Accidental drowning and submersion	1.5	24.4	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0
Intentional self-harm (suicide)	10.7	12.2	9.0	33.6	0.0	53.7	0.0	7.9	8.3	18.6	12.3	23.1	24.2	7.3	6.3	0.0
By discharge of firearms	4.6	0.0	9.0	8.4	0.0	0.0	0.0	3.8	0.0	0.0	5.5	13.9	24.2	0.0	6.3	0.0
By other means	6.1	12.2	0.0	25.2	0.0	53.7	0.0	4.2	8.3	18.6	6.9	9.2	0.0	7.3	0.0	0.0
Assault (homicide)	9.0	12.2	0.0	0.0	24.8	0.0	0.0	10.2	16.7	0.0	11.0	4.6	24.2	0.0	0.0	0.0
By discharge of firearms	5.9	0.0	0.0	0.0	0.0	0.0	0.0	6.4	8.3	0.0	9.6	4.6	24.2	0.0	0.0	0.0
By other means	3.1	12.2	0.0	0.0	24.8	0.0	0.0	3.8	8.3	0.0	1.4	0.0	0.0	0.0	0.0	0.0
Malignant neoplasms	3.3	0.0	0.0	0.0	0.0	0.0	0.0	4.2	8.3	9.3	0.0	4.6	24.2	0.0	0.0	0.0
Leukemia	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.5	8.3	0.0	0.0	4.6	0.0	0.0	0.0	0.0
Diseases of heart	1.3	0.0	9.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	2.7	4.6	0.0	0.0	0.0	0.0
Events of undetermined intent	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0
<b>Total, all causes</b>	<b>55.9</b>	<b>110.0</b>	<b>54.3</b>	<b>75.6</b>	<b>148.8</b>	<b>107.4</b>	<b>0.0</b>	<b>52.2</b>	<b>83.5</b>	<b>83.5</b>	<b>46.6</b>	<b>78.6</b>	<b>121.1</b>	<b>14.6</b>	<b>25.2</b>	<b>88.3</b>

NOTE: The rates based on fewer than 10 deaths (see Table 5E-27) are not statistically reliable. All rates are per 100,000 adolescents 15-19 years old.

**TABLE 5E-29  
LEADING CAUSES OF DEATH AMONG YOUNG ADULTS (20-44 YEARS) BY COUNTY OF RESIDENCE, ARIZONA, 2009**

	ARIZONA	County of residence															
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz	Unknown
Accident (unintentional injury)	881	29	22	31	12	6	4	436	31	47	154	40	6	25	23	3	12
Accidental poisoning	423	5	8	6	5	4	3	235	24	15	85	12	2	9	6	1	3
Motor vehicle accident	328	14	13	17	5	2	1	142	6	22	53	16	4	13	13	1	6
Intentional self-harm (suicide)	408	8	11	14	7	3	0	213	18	12	64	27	3	19	7	2	0
By discharge of firearms	194	2	3	7	1	1	0	101	9	3	34	14	1	11	5	2	0
By other means	214	6	8	7	6	2	0	112	9	9	30	13	2	8	2	0	0
Malignant neoplasms	324	4	8	7	3	1	0	209	8	5	44	13	2	14	5	1	0
Malignant neoplasm of breast	47	0	2	1	0	0	0	30	0	1	6	3	0	2	1	1	0
Malignant neoplasm of meninges, brain and other parts of central nervous system	38	0	0	1	0	0	0	29	1	0	4	0	1	1	1	0	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	37	0	1	0	0	0	0	26	1	0	5	1	0	2	1	0	0
Diseases of heart	244	5	10	1	3	1	0	133	9	10	38	19	1	9	4	1	0
Assault (homicide)	206	0	5	6	2	0	0	120	3	5	40	11	1	4	3	0	6
By discharge of firearms	142	0	5	1	2	0	0	88	3	1	27	7	1	2	3	0	2
By other means	64	0	0	5	0	0	0	32	0	4	13	4	0	2	0	0	4
Chronic liver disease and cirrhosis	116	5	1	2	1	3	0	52	11	8	21	4	0	1	3	2	2
Diabetes	57	2	0	0	0	1	0	30	5	2	10	4	0	1	2	0	0
Influenza and pneumonia	48	4	1	1	0	4	0	21	2	4	6	2	1	2	0	0	0
Human immunodeficiency virus (HIV) disease	38	2	1	1	0	1	0	21	1	1	4	3	0	1	1	0	1
Cerebrovascular diseases	35	0	1	2	1	0	0	19	1	1	7	1	1	0	1	0	0
Total, all causes	2,917	78	67	89	34	24	5	1,551	105	114	479	160	16	97	65	10	23

**TABLE 5E-30  
RATES\* FOR THE LEADING CAUSES OF DEATH AMONG YOUNG ADULTS (20-44 YEARS) BY COUNTY OF RESIDENCE,  
ARIZONA, 2009**

Underlying cause of death	ARIZONA	County of residence														
		Apache	Cochise	Cocoino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
Accident (unintentional injury)	37.8	127.6	52.5	60.3	76.7	42.5	158.6	29.8	50.9	125.3	44.6	32.4	41.6	37.2	36.2	57.1
Accidental poisoning	18.2	22.0	19.1	11.7	31.9	28.3	119.0	16.1	39.4	40.0	24.6	9.7	13.9	13.4	9.4	19.0
Motor vehicle accident	14.1	61.6	31.0	33.1	31.9	14.2	39.7	9.7	9.9	58.7	15.3	13.0	27.7	19.3	20.4	19.0
Intentional self-harm (suicide)	17.5	35.2	26.3	27.2	44.7	21.3	0.0	14.6	29.6	32.0	18.5	21.9	20.8	28.2	11.0	38.1
By discharge of firearms	8.3	8.8	7.2	13.6	6.4	7.1	0.0	6.9	14.8	8.0	9.8	11.3	6.9	16.3	7.9	38.1
By other means	9.2	26.4	19.1	13.6	38.3	14.2	0.0	7.7	14.8	24.0	8.7	10.5	13.9	11.9	3.1	0.0
Malignant neoplasms	13.9	17.6	19.1	13.6	19.2	7.1	0.0	14.3	13.1	13.3	12.7	10.5	13.9	20.8	7.9	19.0
Malignant neoplasm of breast*	4.2	0.0	9.6	3.9	0.0	0.0	0.0	4.3	0.0	5.3	3.5	5.5	0.0	6.0	3.2	38.5
Malignant neoplasm of lymphoid, hematopoietic and related tissue	1.6	0.0	2.4	0.0	0.0	0.0	0.0	1.8	1.6	0.0	1.4	0.8	0.0	3.0	1.6	0.0
Malignant neoplasm of meninges, brain and other parts of central nervous	1.6	0.0	0.0	1.9	0.0	0.0	0.0	2.0	1.6	0.0	1.2	0.0	6.9	1.5	1.6	0.0
Diseases of heart	10.5	22.0	23.9	1.9	19.2	7.1	0.0	9.1	14.8	26.7	11.0	15.4	6.9	13.4	6.3	19.0
Assault (homicide)	8.8	0.0	11.9	11.7	12.8	0.0	0.0	8.2	4.9	13.3	11.6	8.9	6.9	5.9	4.7	0.0
By discharge of firearms	6.1	0.0	11.9	1.9	12.8	0.0	0.0	6.0	4.9	2.7	7.8	5.7	6.9	3.0	4.7	0.0
By other means	2.7	0.0	0.0	9.7	0.0	0.0	0.0	2.2	0.0	10.7	3.8	3.2	0.0	3.0	0.0	0.0
Chronic liver disease and cirrhosis	5.0	22.0	2.4	3.9	6.4	21.3	0.0	3.6	18.1	21.3	6.1	3.2	0.0	1.5	4.7	38.1
Diabetes	2.4	8.8	0.0	0.0	0.0	7.1	0.0	2.1	8.2	5.3	2.9	3.2	0.0	1.5	3.1	0.0
Influenza and pneumonia	2.1	17.6	2.4	1.9	0.0	28.3	0.0	1.4	3.3	10.7	1.7	1.6	6.9	3.0	0.0	0.0
Human immunodeficiency virus (HIV) disease	1.6	8.8	2.4	1.9	0.0	7.1	0.0	1.4	1.6	2.7	1.2	2.4	0.0	1.5	1.6	0.0
Cerebrovascular diseases	1.5	0.0	2.4	3.9	6.4	0.0	0.0	1.3	1.6	2.7	2.0	0.8	6.9	0.0	1.6	0.0
<b>Total, all causes</b>	<b>125.2</b>	<b>343.2</b>	<b>160.0</b>	<b>173.2</b>	<b>217.2</b>	<b>170.1</b>	<b>198.3</b>	<b>106.0</b>	<b>172.5</b>	<b>304.0</b>	<b>138.6</b>	<b>129.6</b>	<b>110.8</b>	<b>144.2</b>	<b>102.2</b>	<b>190.4</b>

NOTE: The rates based on fewer than 10 deaths (see Table 5E-29) are not statistically reliable. All rates are per 100,000 young adults 20-44 years old.  
\*The rates for breast cancer are per 100,000 female young adults.

TABLE 5E-31  
**LEADING CAUSES OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS) BY COUNTY OF RESIDENCE, ARIZONA, 2009**

	County of residence															
	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz	Unknown
<b>ARIZONA</b>	2,548	62	43	27	9	3	1,432	117	51	442	115	14	123	74	9	7
Malignant neoplasms	20	62	43	27	9	3	1,432	117	51	442	115	14	123	74	9	7
Malignant neoplasm of trachea, bronchus and lung	2	15	7	6	1	1	339	41	4	97	28	0	31	18	3	1
Malignant neoplasm of breast	0	7	4	0	2	0	130	8	10	46	6	3	12	9	0	1
Malignant neoplasm of colon, rectum, and anus	1	8	6	2	0	1	122	11	6	34	11	0	13	8	1	2
Malignant neoplasm of pancreas	2	3	3	1	0	0	90	7	5	31	6	1	3	4	0	0
Diseases of heart	18	63	36	22	8	0	870	145	34	275	80	10	94	39	14	6
Accident (unintentional injury)	23	23	22	13	4	2	416	36	28	130	37	4	36	26	2	11
Accidental poisoning	6	8	8	3	2	1	212	17	7	71	16	1	15	14	1	6
Motor vehicle accident	8	6	7	7	0	1	91	14	10	32	15	1	13	6	0	2
Falls	3	3	2	1	1	0	41	2	4	8	3	1	4	1	0	0
Chronic liver disease and cirrhosis	5	14	21	4	1	1	209	21	18	76	28	3	23	8	6	4
Intentional self-harm (suicide)	4	10	11	4	1	1	193	30	5	64	22	2	26	8	7	1
By discharge of firearms	3	6	3	3	1	1	114	14	3	35	11	0	11	4	3	0
By other means	1	4	8	1	0	0	79	16	2	29	11	2	15	4	4	1
Chronic lower respiratory diseases	1	9	6	8	4	0	164	17	5	62	19	1	22	7	1	0
Diabetes	4	7	2	6	1	0	137	15	10	60	12	2	8	7	3	2
Cerebrovascular diseases	2	9	8	3	0	0	113	4	4	43	13	5	7	16	1	0
Viral hepatitis	2	3	1	3	1	0	102	6	3	35	6	0	14	3	0	0
Influenza and pneumonia	6	0	5	2	2	0	85	5	4	14	10	0	6	5	1	2
Septicemia	115	0	6	3	3	0	63	4	2	13	6	0	6	4	1	4
Nephritis, nephrotic syndrome and nephrosis	96	1	3	0	0	1	38	9	2	19	6	4	7	4	0	2
Assault (homicide)	75	5	0	2	0	0	45	3	0	13	6	0	1	0	0	0
By discharge of firearms	39	1	0	0	1	0	23	1	0	7	5	0	1	0	0	0
By other means	36	4	0	0	1	0	22	2	0	6	1	0	0	0	0	0
Essential (primary) hypertension and hypertensive renal disease	63	1	1	0	0	0	42	3	2	5	6	0	0	2	0	0
Human immunodeficiency virus (HIV) disease	62	2	1	1	0	0	39	1	1	10	4	0	0	0	1	1
<b>Total, all causes</b>	8,955	124	242	179	119	43	4,763	469	203	1,528	451	52	433	237	54	49

**TABLE 5E-32  
RATES\* FOR THE LEADING CAUSES OF DEATH AMONG MIDDLE-AGED ADULTS (45-64 YEARS) BY COUNTY OF RESIDENCE,  
ARIZONA, 2009**

Underlying cause of death	County of residence															
	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
Malignant neoplasms	167.9	116.7	168.9	124.3	169.7	111.5	119.1	161.0	223.0	200.7	177.8	163.0	126.0	202.2	188.0	165.8
Malignant neoplasm of trachea, bronchus and lung	39.1	11.7	40.9	20.2	37.7	12.4	39.7	38.1	78.1	15.7	39.0	39.7	0.0	51.0	45.7	55.3
Malignant neoplasm of breast*	30.7	0.0	36.5	22.6	0.0	50.2	0.0	28.8	29.4	75.1	35.6	17.2	50.1	37.7	43.5	0.0
Malignant neoplasm of colon, rectum, and anus	14.9	5.8	21.8	17.3	12.6	0.0	39.7	13.7	21.0	23.6	13.7	15.6	0.0	21.4	20.3	18.4
Malignant neoplasm of pancreas	10.3	11.7	8.2	8.7	6.3	0.0	0.0	10.1	13.3	19.7	12.5	8.5	9.0	4.9	10.2	0.0
Diseases of heart	112.9	105.1	171.7	104.1	138.3	99.1	0.0	97.8	276.4	133.8	110.6	113.4	90.0	154.5	99.1	257.9
Accident (unintentional injury)	53.6	134.2	62.7	63.6	81.7	49.6	79.4	46.8	68.6	110.2	52.3	52.4	36.0	59.2	66.1	36.8
Accidental poisoning	25.6	35.0	21.8	23.1	18.9	24.8	39.7	23.8	32.4	27.6	28.6	22.7	9.0	24.7	35.6	18.4
Motor vehicle accident	14.0	46.7	16.3	20.2	44.0	0.0	39.7	10.2	26.7	39.4	12.9	21.3	9.0	21.4	15.2	0.0
Falls	4.9	17.5	8.2	5.8	6.3	12.4	0.0	4.6	3.8	15.7	3.2	4.3	9.0	6.6	2.5	0.0
Chronic liver disease and cirrhosis	29.1	29.2	38.1	60.7	25.1	12.4	39.7	23.5	40.0	70.9	30.6	39.7	27.0	37.8	20.3	110.5
Intentional self-harm (suicide)	25.6	23.3	27.2	31.8	25.1	12.4	39.7	21.7	57.2	19.7	25.7	31.2	18.0	42.7	20.3	128.9
By discharge of firearms	14.0	17.5	16.3	8.7	18.9	12.4	39.7	12.8	26.7	11.8	14.1	15.6	0.0	18.1	10.2	55.3
By other means	11.7	5.8	10.9	23.1	6.3	0.0	0.0	8.9	30.5	7.9	11.7	15.6	18.0	24.7	10.2	73.7
Chronic lower respiratory diseases	21.5	5.8	24.5	17.3	50.3	49.6	0.0	18.4	32.4	19.7	24.9	26.9	9.0	36.2	17.8	18.4
Diabetes	18.2	23.3	19.1	5.8	37.7	12.4	0.0	15.4	28.6	39.4	24.1	17.0	18.0	13.1	17.8	55.3
Cerebrovascular diseases	15.0	11.7	24.5	23.1	18.9	0.0	0.0	12.7	7.6	15.7	17.3	18.4	45.0	11.5	40.7	18.4
Viral hepatitis	11.8	11.7	8.2	2.9	18.9	12.4	0.0	11.5	11.4	11.8	14.1	8.5	0.0	23.0	7.6	0.0
Influenza and pneumonia	9.7	35.0	0.0	14.5	12.6	24.8	0.0	9.6	9.5	15.7	5.6	14.2	0.0	9.9	12.7	18.4
Septicemia	7.6	0.0	16.3	8.7	18.9	0.0	0.0	7.1	7.6	7.9	5.2	8.5	0.0	9.9	10.2	18.4
Assault (homicide)	4.9	29.2	0.0	0.0	12.6	0.0	0.0	5.1	5.7	0.0	5.2	8.5	0.0	1.6	0.0	0.0
By discharge of firearms	2.6	5.8	0.0	0.0	6.3	0.0	0.0	2.6	1.9	0.0	2.8	7.1	0.0	1.6	0.0	0.0
By other means	2.4	23.3	0.0	0.0	6.3	0.0	0.0	2.5	3.8	0.0	2.4	1.4	0.0	0.0	0.0	0.0
Human immunodeficiency virus (HIV) disease	4.1	11.7	2.7	2.9	6.3	0.0	0.0	4.4	1.9	3.9	4.0	5.7	0.0	0.0	0.0	18.4
<b>Total, all causes</b>	<b>590.0</b>	<b>723.7</b>	<b>659.4</b>	<b>517.4</b>	<b>747.8</b>	<b>532.8</b>	<b>357.3</b>	<b>535.7</b>	<b>893.9</b>	<b>799.1</b>	<b>614.8</b>	<b>639.1</b>	<b>468.2</b>	<b>711.7</b>	<b>602.2</b>	<b>994.7</b>

NOTE: The rates based on fewer than 10 deaths (see Table 5E-31) are not statistically reliable. All rates are per 100,000 middle-aged adults 45-64 years old.

\* The rates for breast cancer are per 100,000 middle-adult females.

**TABLE 5E-33  
LEADING CAUSES OF DEATH AMONG ELDERLY (65 YEARS AND OLDER) BY COUNTY OF RESIDENCE, ARIZONA, 2009**

	ARIZONA	County of residence															
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz	Unknown
Diseases of heart	8,172	62	213	91	126	50	7	4,410	485	100	1,532	299	43	462	232	48	12
Malignant neoplasms	7,227	54	174	63	119	46	7	3,745	451	106	1,390	325	59	405	216	52	15
Malignant neoplasm of trachea, bronchus and lung	2,077	6	46	12	41	15	1	1,059	165	32	375	106	20	111	67	17	4
Malignant neoplasm of lymphoid, hematopoietic and related tissue	741	3	21	7	13	3	0	429	24	9	141	21	5	45	18	1	1
Malignant neoplasm of colon, rectum, and anus	628	7	18	4	5	2	0	315	41	10	114	31	4	46	25	6	0
Malignant neoplasm of breast	431	2	6	3	6	5	0	228	18	7	87	20	3	22	21	2	1
Malignant neoplasm of prostate	498	8	7	6	4	3	2	250	35	8	102	19	6	29	12	5	2
Malignant neoplasm of pancreas	465	5	14	4	6	1	1	251	24	5	102	23	3	16	8	2	0
Chronic lower respiratory diseases	2,460	12	57	28	64	10	2	1,266	170	42	435	129	10	128	88	14	5
Alzheimer's disease	2,064	4	34	13	24	4	0	1,467	62	20	242	65	10	96	15	3	5
Cerebrovascular diseases	1,736	15	49	27	22	14	1	929	57	24	338	78	12	108	56	3	3
Accident (unintentional injury)	980	16	18	19	11	4	0	604	27	15	151	34	2	48	23	3	5
Falls	639	5	9	11	6	2	0	428	16	7	93	18	2	30	9	1	2
Motor vehicle accident	129	5	3	3	3	0	0	64	5	4	19	8	0	8	6	0	1
Influenza and pneumonia	786	12	21	15	13	8	1	388	32	20	155	30	4	49	36	2	0
Diabetes	744	17	23	9	14	13	3	381	38	13	133	32	9	22	33	2	2
Parkinson's disease	433	3	11	7	2	2	0	244	15	7	82	19	2	22	15	1	1
Essential (primary) hypertension	403	6	9	5	6	2	3	272	14	4	40	15	2	14	9	1	1
Septicemia	368	13	11	8	5	1	0	209	11	9	52	13	2	18	13	1	2
Nephritis, nephrotic syndrome and nephrosis	414	4	24	11	8	2	0	150	23	7	93	26	1	32	29	4	0
Total, all causes	32,098	298	791	389	479	196	36	17,396	1,658	480	5,904	1,320	206	1,750	976	158	61

**TABLE 5E-34  
RATES\* FOR THE LEADING CAUSES OF DEATH AMONG ELDERLY (65 YEARS AND OLDER) BY COUNTY OF RESIDENCE,  
ARIZONA, 2009**

Underlying cause of death	ARIZONA	County of residence														
		Apache	Cochise	Coconino	Gila	Graham	Greenlee	Marcopla	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
Diseases of heart	953.3	786.4	909.4	842.5	1,011.4	977.3	770.1	979.6	1,151.7	768.8	1,030.7	669.6	763.2	932.3	639.6	726.0
Malignant neoplasms	843.0	684.9	742.9	583.3	955.2	899.1	770.1	831.9	1,071.0	814.9	935.1	727.8	1,047.2	817.2	595.5	786.4
Malignant neoplasm of trachea, bronchus and lung	242.3	76.1	196.4	111.1	329.1	293.2	110.0	235.2	391.8	246.0	252.3	237.4	355.0	224.0	184.7	257.1
Malignant neoplasm of prostate**	129.7	224.2	63.7	119.0	70.1	129.8	461.9	125.7	175.9	132.9	158.7	90.1	241.6	127.1	69.4	151.1
Malignant neoplasm of breast*	91.1	46.3	48.2	52.1	88.9	178.3	0.0	90.7	81.1	100.2	103.1	84.8	95.2	82.3	110.7	0.0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	86.4	38.1	89.7	64.8	104.4	58.6	0.0	95.3	57.0	69.2	94.9	47.0	88.7	90.8	49.6	15.1
Malignant neoplasm of colon, rectum, and anus	73.3	88.8	76.9	37.0	40.1	39.1	0.0	70.0	97.4	76.9	76.7	69.4	71.0	92.8	68.9	90.7
Malignant neoplasm of pancreas	54.2	63.4	59.8	37.0	48.2	19.5	110.0	55.8	57.0	38.4	68.6	51.5	53.2	32.3	22.1	30.2
Chronic lower respiratory diseases	287.0	152.2	243.4	259.2	513.7	195.5	220.0	281.2	403.7	322.9	292.7	288.9	177.5	258.3	242.6	211.7
Alzheimer's disease	240.8	50.7	145.2	120.4	192.6	78.2	0.0	325.9	147.2	153.8	162.8	145.6	177.5	193.7	41.4	45.4
Cerebrovascular diseases	202.5	190.3	209.2	250.0	176.6	273.7	110.0	206.4	135.4	184.5	227.4	174.7	213.0	217.9	154.4	45.4
Accident (unintentional injury)	114.3	202.9	76.9	175.9	88.3	78.2	0.0	134.2	64.1	115.3	101.6	76.1	35.5	96.9	63.4	45.4
Falls	74.5	63.4	38.4	101.8	48.2	39.1	0.0	95.1	38.0	53.8	62.6	40.3	35.5	60.5	24.8	15.1
Motor vehicle accident	15.0	63.4	12.8	27.8	24.1	0.0	0.0	14.2	11.9	30.8	12.8	17.9	0.0	16.1	16.5	0.0
Influenza and pneumonia	91.7	152.2	89.7	138.9	104.4	156.4	110.0	86.2	76.0	153.8	104.3	67.2	71.0	98.9	99.3	30.2
Diabetes	86.8	215.6	98.2	83.3	112.4	254.1	330.0	84.6	90.2	99.9	89.5	71.7	159.7	44.4	91.0	30.2
Parkinson's disease	50.5	38.1	47.0	64.8	16.1	39.1	0.0	54.2	35.6	53.8	55.2	42.5	35.5	44.4	41.4	15.1
Nephritis, nephrotic syndrome and nephrosis	48.3	50.7	102.5	101.8	64.2	39.1	0.0	33.3	54.6	53.8	62.6	58.2	17.7	64.6	80.0	60.5
Essential (primary) hypertension	47.0	76.1	38.4	46.3	48.2	39.1	330.0	60.4	33.2	30.8	26.9	33.6	35.5	28.3	24.8	15.1
Septicemia	42.9	164.9	47.0	74.1	40.1	19.5	0.0	46.4	26.1	69.2	35.0	29.1	35.5	36.3	35.8	15.1
<b>Total, all causes</b>	<b>3,744.2</b>	<b>3,779.8</b>	<b>3,377.2</b>	<b>3,601.5</b>	<b>3,844.9</b>	<b>3,831.1</b>	<b>3,960.4</b>	<b>3,864.1</b>	<b>3,937.2</b>	<b>3,690.3</b>	<b>3,972.0</b>	<b>2,956.0</b>	<b>3,656.4</b>	<b>3,531.3</b>	<b>2,690.9</b>	<b>2,389.6</b>

NOTE: The rates based on fewer than 10 deaths (see Table 5E-33) are not statistically reliable. All rates are per 100,000 elderly 65 years and older.

\*The rates for breast cancer are per 100,000 females.

\*\*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, 2009

Disease	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>Vaccine Preventable</b>																
Measles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mumps	10	0	0	0	0	0	0	0	4	0	0	6	0	0	0	0
Pertussis	277	0	0	3	2	1	0	0	236	1	3	24	3	2	2	0
Pertussis confirmed cases	79	0	0	1	0	1	0	0	65	0	1	8	0	2	1	0
Rubella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Congenital Rubella Syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haemophilus influenzae type b (invasive, age < 5 years)	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
<b>Central Nervous System</b>																
Aseptic Meningitis	516	0	6	4	2	0	0	1	435	6	3	34	22	0	3	0
Meningococcal Disease	15	1	0	2	1	0	0	0	6	1	0	1	2	0	1	0
Viral Encephalitis	2	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
<b>Enteritides</b>																
Amebiasis	7	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0
Campylobacteriosis	877	31	22	23	8	9	1	0	520	5	57	139	19	5	9	29
Cholera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cryptosporidiosis	34	1	0	0	2	0	0	0	24	0	1	3	1	0	2	0
E. coli O157:H7	68	0	3	2	0	0	0	0	47	2	0	7	2	2	3	0
Giardiasis	198	1	1	0	1	0	1	1	116	10	1	52	5	0	8	1
Salmonellosis (except S. Typhi and S. Paratyphi)	1,079	17	16	13	9	22	3	4	559	25	35	249	64	11	20	32
Salmonella Paratyphi A	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Salmonella Paratyphi B	6	0	0	0	0	0	0	0	3	0	0	2	0	1	0	0
Salmonella Paratyphi C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis	806	8	10	12	1	0	0	0	553	1	65	75	31	6	4	40
Typhoid Fever	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
<b>Mycosis</b>																
Coccidioidomycosis (Valley Fever)	10,233	11	39	25	31	13	2	21	8,078	77	31	1,320	509	14	50	12
<b>Hepatitides</b>																
Hepatitis A	68	0	6	0	0	0	0	0	30	2	3	15	1	7	0	4
Hepatitis B (acute)	193	2	2	0	3	2	0	0	145	9	3	12	11	0	1	3
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
<b>Tuberculosis</b>																
Pulmonary TB	188	4	1	3	1	0	0	1	109	2	1	19	26	1	1	19
Total TB	232	5	1	4	1	0	0	2	138	3	3	26	26	1	1	21

**TABLE 5F-1 (continued)  
NUMBER OF REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY CATEGORY FOR EACH COUNTY, ARIZONA, 2009**

Disease	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>Sexually Transmitted</b>																
Genital Herpes	598	12	16	21	3	2	2	5	140	21	24	198	109	0	12	33
Gonorrhea	2,926	13	30	32	4	15	0	3	2,259	11	39	370	59	5	11	75
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)	231	0	1	1	0	0	0	0	165	0	2	54	4	0	3	1
Syphilis-Total	999	4	5	10	6	2	0	0	647	4	9	244	36	2	9	21
Chlamydia	23,329	370	418	627	141	161	20	36	14,669	309	645	3,833	950	111	339	700
<b>Zoonoses/Vectorborne</b>																
Brucellosis	3	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1
Colorado Tick Fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dengue	5	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0
Ehrlichiosis	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Hantavirus Pulmonary Syndrome	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Human Rabies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyme Disease	7	0	0	0	0	0	0	0	3	0	0	4	0	0	0	0
Malaria	10	0	0	1	0	0	0	0	9	0	0	0	0	0	0	0
Plague	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Relapsing Fever, Tickborne	2	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
Rocky Mtn. Spotted Fever	23	0	0	0	8	0	0	0	0	0	13	0	2	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	0	0
West Nile Virus	21	0	0	1	0	0	0	0	20	0	0	0	0	0	0	0
<b>Other</b>																
Legionellosis	49	0	2	0	0	0	0	0	37	1	0	8	0	1	0	0
Listeriosis	8	0	0	0	0	1	0	0	5	0	0	2	0	0	0	0
Methicillin Resistant S. aureus (invasive)	1,171	9	10	15	8	5	0	7	806	38	16	191	51	3	6	6
Streptococcal Group A (Invasive)	161	0	2	5	1	1	0	0	85	6	4	38	16	0	3	0
Streptococcal Group B (Invasive disease in infants <90 days old)	52	0	4	1	0	0	0	0	28	1	3	11	2	1	1	0
Streptococcus pneumoniae (invasive)	907	28	17	28	8	13	1	1	474	36	61	147	54	5	29	5
Reyes Syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Toxic Shock Syndrome	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Botulism	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
Vibrio spp. (except toxogenic V. cholerae)	19	0	1	0	1	0	1	0	9	1	1	3	0	1	0	1
Yersiniosis (except Y. pestis)	7	0	0	0	0	0	0	0	6	0	0	1	0	0	0	0

Notes: 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. West Nile Virus cases are counted by patient onset date.

Note: In mid-2009, a large laboratory changed its reporting practices for coccidioidomycosis. Reported coccidioidomycosis has been elevated since then.

Source: Arizona Department of Health Services, Bureau of Epidemiology and Disease Control Services, Office of Infectious Disease Services, Office of HIV, HEP C, STD Services.

**TABLE 5F-2  
RATES OF REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY CATEGORY FOR EACH COUNTY, ARIZONA, 2009**

Disease	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Piima	Pinal	Santa Cruz	Yavapai	Yuma
<b>Vaccine Preventable</b>																
Measles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mumps	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.6	0.0	0.0	0.0	0.0
Pertussis	4.2	0.0	0.0	2.2	3.4	2.5	0.0	0.0	6.0	0.5	2.6	2.4	0.9	4.2	0.9	0.0
Pertussis (confirmed only)	1.2	0.0	0.0	0.7	0.0	2.5	0.0	0.0	1.6	0.0	0.9	0.8	0.0	4.2	0.4	0.0
Rubella	0.0	0.0	0.0	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
Congenital Rubella Syndrome	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Haemophilus influenzae b (invasive disease in children < 5 years old)	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Central Nervous System</b>																
Aseptic Meningitis	7.8	0.0	4.2	2.9	3.4	0.0	0.0	4.6	11.0	2.9	2.6	3.3	6.7	0.0	1.3	0.0
Meningococcal Disease	0.2	1.3	0.0	1.4	1.7	0.0	0.0	0.0	0.2	0.5	0.0	0.1	0.6	0.0	0.4	0.0
Viral Encephalitis - Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
<b>Enteritides</b>																
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	0.0	0.0	0.0	0.0
Campylobacteriosis	13.3	40.4	15.5	16.6	13.5	22.6	11.5	0.0	13.1	2.4	49.4	13.7	5.8	10.5	4.0	14.2
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	0.5	1.3	0.0	0.0	3.4	0.0	0.0	0.0	0.6	0.0	0.9	0.3	0.3	0.0	0.9	0.0
E. coli O157:H7	1.0	0.0	2.1	1.4	0.0	0.0	0.0	0.0	1.2	1.0	0.0	0.7	0.6	4.2	1.3	0.0
Giardiasis	3.0	1.3	0.7	0.0	1.7	0.0	11.5	4.6	2.9	4.9	0.9	5.1	1.5	0.0	3.5	0.5
Salmonellosis (except S. Typhi and S. Paratyphi)	16.4	22.2	11.3	9.4	15.2	55.3	34.5	18.4	14.1	12.2	30.3	24.5	19.5	23.2	8.8	15.7
Salmonella Paratyphi A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Salmonella Paratyphi B	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	2.1	0.0	0.0
Salmonella Paratyphi C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis	12.2	10.4	7.1	8.7	1.7	0.0	0.0	0.0	14.0	0.5	56.3	7.4	9.5	12.6	1.8	19.6
Typhoid Fever	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Mycosis</b>																
Coccidioidomycosis (Valley Fever)	155.1	14.3	27.5	18.0	52.2	32.7	23.0	96.5	203.8	37.7	26.9	129.7	155.3	29.5	22.0	5.9
<b>Hepatitides</b>																
Hepatitis A	1.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.8	1.0	2.6	1.5	0.3	14.7	0.0	2.0
Hepatitis B (acute)	2.9	2.6	1.4	0.0	5.1	5.0	0.0	0.0	3.7	4.4	2.6	1.2	3.4	0.0	0.4	1.5
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
<b>Tuberculosis</b>																
Pulmonary TB	2.9	5.2	0.7	2.2	1.7	0.0	0.0	4.6	2.7	1.0	0.9	1.9	7.9	2.1	0.4	9.3
Total TB	3.5	6.5	0.7	2.9	1.7	0.0	0.0	9.2	3.5	1.5	2.6	2.6	7.9	2.1	0.4	10.3

**TABLE 5F-2 (continued)  
RATES OF REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY CATEGORY FOR EACH COUNTY, ARIZONA, 2009**

Disease	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
<b>Sexually Transmitted</b>																
Genital Herpes	11.7	15.7	11.3	15.2	5.1	5.0	23.0	23.0	3.5	10.3	20.8	19.4	33.3	0.0	5.3	16.1
Gonorrhea	49.3	17.0	21.2	23.1	6.7	37.7	0.0	13.8	57.0	5.4	33.8	36.3	18.0	10.5	4.8	36.7
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)	3.5	0.0	0.7	0.7	0.0	0.0	0.0	0.0	4.2	0.0	1.7	5.3	1.2	0.0	1.3	0.5
Syphilis-Total	16.4	5.2	3.5	7.2	10.1	5.0	0.0	16.3	2.0	2.0	7.8	24.0	11.0	4.2	4.0	10.3
Chlamydia	394.2	482.6	294.8	452.7	237.5	404.6	230.2	165.4	370.0	151.1	558.8	376.5	289.9	233.7	149.0	342.4
<b>Zoonoses/Vectorborne</b>																
Brucellosis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0
Hantavirus Pulmonary Syndrome	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Human Rabies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lyme Disease	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.0
Malaria	0.2	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Plague	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Relapsing Fever, Tickborne	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rocky Mtn. Spotted Fever	0.3	0.0	0.0	0.0	13.5	0.0	0.0	0.0	0.0	0.0	11.3	0.0	0.6	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	0.0	0.0
West Nile Virus	0.3	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Other</b>																
Legionellosis	0.7	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.9	0.5	0.0	0.8	0.0	2.1	0.0	0.0
Listeriosis	0.1	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0
Methicillin Resistant S. aureus (invasive)	17.8	11.7	7.1	10.8	13.5	12.6	0.0	32.2	20.3	18.6	13.9	18.8	15.6	6.3	2.6	2.9
Streptococcal Group A (Invasive)	2.4	0.0	1.4	3.6	1.7	2.5	0.0	0.0	2.1	2.9	3.5	3.7	4.9	0.0	1.3	0.0
Streptococcal Group B (Invasive disease in infants <90 days old)	0.6	0.0	2.2	0.5	0.0	0.0	0.0	0.0	0.5	0.5	1.6	0.9	0.4	1.3	0.5	0.0
Streptococcus pneumoniae (invasive)	13.8	36.5	12.0	20.2	13.5	32.7	11.5	4.6	12.0	17.6	52.8	14.4	16.5	10.5	12.7	2.4
Reyes Syndrome	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Toxic Shock Syndrome	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Botulism	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vibrio spp. (except toxigenic V. cholerae)	0.3	0.0	0.7	0.0	1.7	0.0	11.5	0.0	0.2	0.5	0.9	0.3	0.0	2.1	0.0	0.5
Yersiniosis (except Y. pestis)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0

Notes: 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. Rates calculated for Streptococcus-Group B (invasive disease in infants <90 days old) represent the number of cases per 1000 live births; all other morbidities are per 100,000 Arizona residents in appropriate county. West Nile Virus cases are counted by patient onset date.

Source: Arizona Department of Health Services, Bureau of Epidemiology and Disease Control Services, Office of Infectious Disease Services, Office of HIV, HEP C, STD Services.

**TABLE 5F-3**  
**REPORTED NEW HIV/AIDS CASES BY YEAR OF DIAGNOSIS AND COUNTY OF RESIDENCE IN ARIZONA,**  
**1981-1998 AND 1999-2009**

County	1981-1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Apache	17	3	1	4	5	8	4	2	2	3	5	9
Cochise	119	12	7	5	6	6	3	10	12	17	5	7
Coconino	94	7	9	8	8	13	6	13	7	7	6	4
Gila	26	2	2	0	1	2	2	1	0	2	2	3
Graham	22	4	6	4	1	3	2	3	1	5	0	2
Greenlee	4	0	0	0	0	0	0	0	0	0	0	0
La Paz	24	0	1	5	2	0	3	1	0	0	0	2
Maricopa	7,653	416	506	523	523	511	540	525	543	550	519	468
Mohave	143	8	13	7	11	5	6	10	9	12	12	11
Navajo	39	6	6	3	8	7	6	10	4	7	6	7
Pima	2,045	123	106	111	114	90	101	109	106	91	78	88
Pinal	180	23	19	25	41	39	38	42	44	61	49	50
Santa Cruz	26	1	3	3	3	3	1	0	2	3	0	1
Yavapai	125	12	11	8	11	10	11	10	4	11	9	8
Yuma	141	9	6	6	8	12	8	14	10	11	12	15
Missing	4	0	0	0	0	0	0	0	0	0	0	1
<b>ARIZONA</b>	<b>10,662</b>	<b>626</b>	<b>696</b>	<b>712</b>	<b>742</b>	<b>709</b>	<b>731</b>	<b>750</b>	<b>744</b>	<b>780</b>	<b>703</b>	<b>676</b>

Note: Due to reporting delays, all numbers are provisional (2009 volume as of 7/1/2010). 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<sup>1</sup>, ARIZONA, 1999-2009**

County	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>ARIZONA</b>	41,174	39,624	39,978	36,668	35,908	37,882	38,308	38,983	39,495	38,030	35,338
<b>Apache</b>	290	284	282	228	281	282	303	317	325	252	239
<b>Cochise</b>	1,013	1,063	1,010	987	920	949	991	971	967	836	963
<b>Coconino</b>	946	1,095	994	1,003	1,009	1,060	1,070	1,002	1,026	985	994
<b>Gila</b>	413	417	388	379	377	327	360	339	358	344	286
<b>Graham</b>	244	333	254	244	329	273	272	291	331	314	313
<b>Greenlee</b>	58	46	58	42	41	89	39	32	25	60	46
<b>Maricopa</b>	24,223	22,910	23,032	20,864	20,976	22,731	23,361	23,379	23,964	23,183	21,347
<b>Mohave</b>	3,186	2,312	2,013	1,924	1,835	1,687	1,619	1,676	1,524	1,364	1,186
<b>Navajo</b>	605	505	554	390	425	410	428	519	517	491	523
<b>Pima</b>	6,312	6,360	6,508	6,173	5,604	5,831	5,210	5,786	5,705	5,620	5,392
<b>Pinal</b>	1,080	1,082	1,134	1,017	861	962	1,089	1,279	1,365	1,381	1,277
<b>Santa Cruz</b>	340	296	311	244	285	263	313	296	324	253	201
<b>Yavapai</b>	734	1,097	1,604	1,454	1,357	1,344	1,567	1,466	1,463	1,341	1,144
<b>Yuma</b>	1,580	1,654	1,669	1,544	1,457	1,511	1,542	1,456	1,454	1,432	1,351
<b>La Paz</b>	150	170	167	175	151	163	144	174	147	174	76

<sup>1</sup>Marriages recorded unless otherwise indicated.



**TABLE 5G-2  
MARRIAGE RATES<sup>1</sup> BY COUNTY OF OCCURRENCE, ARIZONA AND UNITED STATES, 1999-2009**

County	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>U.S.<sup>2</sup></b>	8.3	8.7	8.5	8.1	7.7	7.8	7.6	7.5	7.4	7.1	7.0
<b>ARIZONA</b>	8.4	7.7	7.5	6.7	6.4	6.5	6.3	6.2	6.1	5.8	5.4
<b>Apache</b>	4.3	4.1	4.1	3.3	4.0	4.0	4.1	4.2	4.3	3.3	3.1
<b>Cochise</b>	8.1	9.0	8.5	8.0	7.3	7.3	7.5	7.2	7.0	6.0	6.8
<b>Coconino</b>	7.7	9.4	8.4	8.0	7.8	8.2	8.2	7.5	7.6	7.3	7.2
<b>Gila</b>	8.2	8.1	7.5	7.1	7.0	6.0	6.6	6.2	6.4	6.0	4.8
<b>Graham</b>	6.8	9.9	7.6	7.2	9.5	7.6	7.7	8.1	9.1	8.1	7.9
<b>Greenlee</b>	6.3	5.4	7.0	4.9	4.8	10.7	4.7	3.9	3.0	6.7	5.3
<b>Maricopa</b>	8.3	7.5	7.2	6.3	6.2	6.5	6.4	6.2	6.2	5.9	5.4
<b>Mohave</b>	21.3	14.9	12.4	11.6	10.7	9.4	8.6	8.6	7.6	6.7	5.8
<b>Navajo</b>	6.5	5.2	5.5	3.8	4.1	3.8	3.9	4.6	4.5	4.3	4.5
<b>Pima</b>	7.5	7.5	7.5	6.9	6.2	6.3	5.4	5.9	5.7	5.5	5.3
<b>Pinal</b>	6.5	6.0	6.0	5.3	4.3	4.4	4.4	4.7	4.7	4.3	3.9
<b>Santa Cruz</b>	8.7	7.7	7.9	6.1	7.0	6.3	7.1	6.5	7.0	5.3	4.2
<b>Yavapai</b>	4.7	6.5	9.1	8.1	7.3	6.8	7.6	6.9	6.6	6.0	5.0
<b>Yuma</b>	11.3	10.3	10.1	9.1	8.3	8.3	8.1	7.4	7.2	7.0	6.6
<b>La Paz</b>	7.8	8.6	8.5	8.6	7.3	7.7	6.8	8.1	6.7	8.1	3.5

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

Note<sup>2</sup>: The U.S. rates for 2007-2009 are provisional.

**TABLE 5G-3  
MARRIAGES BY COUNTY OF OCCURRENCE<sup>1</sup> BY MONTH, ARIZONA, 2009**

County	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<b>ARIZONA</b>	2,859	2,609	3,223	3,186	3,532	2,999	2,844	2,434	2,701	2,815	2,900	3,236	35,338
<b>Apache</b>	9	23	23	20	16	22	26	23	24	27	15	11	239
<b>Cochise</b>	76	52	78	83	85	97	97	65	74	98	72	86	963
<b>Coconino</b>	53	51	80	65	79	108	128	91	111	110	42	76	994
<b>Gila</b>	21	19	28	18	25	27	34	10	36	29	19	20	286
<b>Graham</b>	33	29	29	26	17	15	45	16	18	27	21	37	313
<b>Greenlee</b>	6	3	5	6	4	1	5	5	7	2	1	1	46
<b>Maricopa</b>	1,923	1,557	2,051	1,766	2,375	1,559	1,554	1,563	1,430	1,804	1,670	2,095	21,347
<b>Mohave</b>	101	71	100	129	99	118	84	69	113	116	94	92	1,186
<b>Navajo</b>	47	37	33	40	23	53	77	25	72	43	34	39	523
<b>Pima</b>	307	431	368	639	480	636	487	307	481	232	604	420	5,392
<b>Pinal</b>	102	116	156	140	67	97	95	71	112	104	108	109	1,277
<b>Santa Cruz</b>	10	18	6	12	26	26	16	18	17	9	23	20	201
<b>Yavapai</b>	75	71	80	87	128	100	119	86	123	100	66	109	1,144
<b>Yuma</b>	96	122	171	140	102	129	73	78	80	111	128	121	1,351
<b>La Paz</b>	0	9	15	15	6	11	4	7	3	3	3	0	76

<sup>1</sup>Marriages recorded unless otherwise indicated.

**TABLE 5G-4  
DISSOLUTIONS\* OF MARRIAGE BY COUNTY OF OCCURRENCE, ARIZONA, 1999-2009**

County	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>ARIZONA</b>	22,080	23,440	24,064	26,176	24,269	24,403	24,910	24,274	24,515	24,106	23,140
<b>Apache</b>	71	105	125	88	82	61	81	90	70	60	45
<b>Cochise</b>	726	687	624	580	584	623	639	534	490	531	566
<b>Coconino</b>	492	308	334	408	342	410	366	325	268	242	260
<b>Gila</b>	277	254	218	223	199	200	212	202	184	196	188
<b>Graham</b>	161	162	136	142	139	140	208	150	152	157	167
<b>Greenlee</b>	54	58	53	68	46	46	40	51	50	52	54
<b>Maricopa</b>	13,216	13,744	15,278	17,563	15,371	15,878	15,805	15,771	15,859	15,263	14,088
<b>Mohave</b>	790	852	881	894	850	744	876	824	851	812	715
<b>Navajo</b>	265	334	366	303	253	295	345	309	310	315	303
<b>Pima</b>	3,952	3,987	4,038	3,853	3,965	3,857	3,911	3,647	3,854	3,910	3,949
<b>Pinal</b>	699	877	714	717	708	589	632	651	822	888	1,051
<b>Santa Cruz</b>	124	113	117	124	141	139	130	158	135	139	118
<b>Yavapai</b>	481	611	611	597	788	909	999	810	742	826	903
<b>Yuma</b>	710	1,268	506	546	739	462	588	691	643	670	724
<b>La Paz</b>	62	80	63	70	62	50	78	61	85	45	9

\* Divorces and annulments granted.

**TABLE 5G-5  
DISSOLUTIONS OF MARRIAGE RATES<sup>1</sup> BY COUNTY OF OCCURRENCE, ARIZONA AND UNITED STATES, 1999-2009**

County	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>U.S.<sup>2</sup></b>	4.2	4.1	4.0	3.9	3.8	3.7	3.7	3.6	3.7	3.5	3.4
<b>ARIZONA</b>	4.5	4.6	4.5	4.8	4.3	4.2	4.1	3.9	3.8	3.7	3.5
<b>Apache</b>	1.1	1.5	1.8	1.3	1.2	0.9	1.1	1.2	0.9	0.8	0.6
<b>Cochise</b>	5.8	5.8	5.2	4.7	4.6	4.8	4.8	4.0	3.6	3.8	4.0
<b>Coconino</b>	4.0	2.6	2.8	3.3	2.7	3.2	2.8	2.4	2.0	1.8	1.9
<b>Gila</b>	5.5	4.9	4.2	4.2	3.7	3.7	3.9	3.7	3.3	3.4	3.2
<b>Graham</b>	4.5	4.8	4.1	4.2	4.0	3.9	5.9	4.2	4.2	4.1	4.2
<b>Greenlee</b>	5.9	6.8	6.4	7.9	5.4	5.5	4.8	6.2	6.1	5.8	6.2
<b>Maricopa</b>	4.5	4.5	4.8	5.3	4.5	4.5	4.3	4.2	4.1	3.9	3.6
<b>Mohave</b>	5.3	5.5	5.4	5.4	5.0	4.1	4.7	4.2	4.2	4.0	3.5
<b>Navajo</b>	2.8	3.4	3.7	3.0	2.4	2.7	3.1	2.7	2.7	2.7	2.6
<b>Pima</b>	4.7	4.7	4.7	4.3	4.4	4.1	4.1	3.7	3.8	3.9	3.9
<b>Pinal</b>	4.2	4.9	3.8	3.7	3.5	2.7	2.6	2.4	2.8	2.8	3.2
<b>Santa Cruz</b>	3.2	2.9	3.0	3.1	3.4	3.3	3.0	3.5	2.9	2.9	2.5
<b>Yavapai</b>	3.1	3.6	3.5	3.3	4.2	4.6	4.9	3.8	3.4	3.7	4.0
<b>Yuma</b>	5.1	7.9	3.1	3.2	4.2	2.5	3.1	3.5	3.2	3.3	3.5
<b>La Paz</b>	3.2	4.1	3.2	3.4	3.0	2.4	3.7	2.8	3.9	2.1	0.4

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

Note:<sup>2</sup> The U.S. rates for 2007-2009 are provisional.

**TABLE 5G-6  
DISSOLUTIONS\* OF MARRIAGE BY COUNTY OF OCCURRENCE BY MONTH, ARIZONA, 2009**

County	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<b>ARIZONA</b>	2,121	1,862	2,013	2,011	2,037	2,017	1,815	1,950	1,892	1,828	1,678	1,916	23,140
<b>Apache</b>	5	8	3	2	1	0	0	0	14	0	0	12	45
<b>Cochise</b>	47	35	32	44	49	33	61	50	57	48	54	56	566
<b>Coconino</b>	18	17	16	23	32	19	20	20	31	23	20	21	260
<b>Gila</b>	11	15	20	12	10	14	15	26	15	20	10	20	188
<b>Graham</b>	7	12	20	24	12	17	12	13	10	19	9	12	167
<b>Greenlee</b>	11	5	4	7	2	4	3	2	3	5	4	4	54
<b>Maricopa</b>	1,369	1,156	1,253	1,268	1,265	1,222	1,116	1,135	1,134	1,095	991	1,084	14,088
<b>Mohave</b>	103	21	68	21	80	59	61	69	74	49	42	68	715
<b>Navajo</b>	37	18	40	26	23	41	25	22	21	18	16	16	303
<b>Pima</b>	294	375	324	332	350	354	270	379	311	313	299	348	3,949
<b>Pinal</b>	84	70	86	87	62	97	89	86	90	83	99	118	1,051
<b>Santa Cruz</b>	5	5	6	13	10	9	6	16	9	12	14	13	118
<b>Yavapai</b>	76	73	78	78	78	84	69	72	63	81	65	86	903
<b>Yuma</b>	52	52	59	74	63	61	68	60	60	62	55	58	724
<b>La Paz</b>	2	0	4	0	0	3	0	0	0	0	0	0	9

\* Divorces and annulments granted.