

Maricopa County Health Status Report 2013



REFERENCE TABLES



Prepared by the Maricopa County Department of Public Health
Office of Epidemiology
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Acknowledgements

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Introduction

This report provides health status information for the year 2013 for residents of Maricopa County, Arizona. It includes data for mortality (death), communicable diseases, natality (birth), and hospital discharge data, as well as information on the size and demographic distribution of the population.

For each disease or health indicator, the following information is provided:

- Number of cases in the county
 - Mortality Disease Example: 6,008 residents of Maricopa County died due to cancer in 2013.*
 - Communicable Disease Example: 443 residents of Maricopa County were diagnosed with a confirmed or probable case of Pertussis in 2013.
 - Natality (Birth) Example: There were 597 infants born with a very low birthweight (less than 1500 grams) in 2013.

- Rate or percentage of cases in the county
 - Mortality Disease Example: For every 100,000 residents of Maricopa County, 149.8 died due to cancer in 2013.*
 - Communicable Disease Example: For every 100,000 residents of Maricopa County, 11.0 were diagnosed with Pertussis in 2013.
 - Natality (Birth) Example: Among all live births in 2013, 1.1% were born with a very low birthweight.

Information on data sources and methodology are in Section VI. – Technical Notes.

*Except where noted, the cause of death is the underlying cause of death, which is the condition that began the sequence of death. See Technical Notes for more information on the underlying cause of death.

I. Maricopa County 2013 Population Statistics

Maricopa County 2013 Population Statistics

Table 1.01 Population Estimates—by Age by Sex, Race/Ethnicity by Sex, and Age by Race/Ethnicity, 2013

Age by Sex

Age	Males		Females		Total	
	No.	%	No.	%	No.	%
0-4	138,798	7.0%	133,026	6.6%	271,824	6.8%
5-9	147,434	7.4%	141,785	7.0%	289,219	7.2%
10-14	146,393	7.4%	140,257	6.9%	286,650	7.1%
15-19	140,650	7.1%	132,809	6.6%	273,459	6.8%
20-24	145,812	7.3%	139,623	6.9%	285,435	7.1%
25-34	288,833	14.6%	278,922	13.8%	567,755	14.2%
35-44	268,916	13.6%	269,129	13.3%	538,045	13.4%
45-54	257,322	13.0%	262,621	13.0%	519,943	13.0%
55-64	208,470	10.5%	230,539	11.4%	439,009	10.9%
65-74	143,933	7.3%	165,136	8.2%	309,069	7.7%
75-84	72,811	3.7%	88,886	4.4%	161,697	4.0%
85+	24,801	1.2%	42,506	2.1%	67,307	1.7%
Total	1,984,173		2,025,239		4,009,412	

Race/Ethnicity by Sex

Race/Ethnicity	Males		Females	
	No.	%	No.	%
White	1,133,947	57.1%	1,173,715	58.0%
Hispanic	605,809	30.5%	597,412	29.5%
African American	100,329	5.1%	97,061	4.8%
American Indian	30,940	1.6%	34,878	1.7%
Asian	74,489	3.8%	82,336	4.1%
Other/2+ Races	38,659	1.9%	39,837	2.0%
Total	1,984,173		2,025,239	

Age by Race/Ethnicity

Age	White		Hispanic		African American		American Indian		Asian		Multiple Races		Total No.
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
0-4	110,301	4.8%	118,816	9.9%	14,819	7.5%	5,681	8.6%	9,855	6.3%	12,352	15.7%	271,824
5-9	118,889	5.2%	127,890	10.6%	15,208	7.7%	5,537	8.4%	10,670	6.8%	11,025	14.0%	289,219
10-14	124,798	5.4%	121,809	10.1%	15,180	7.7%	5,128	7.8%	9,859	6.3%	9,876	12.6%	286,650
15-19	122,464	5.3%	112,770	9.4%	15,897	8.1%	5,012	7.6%	9,033	5.8%	8,283	10.6%	273,459
20-24	134,005	5.8%	109,234	9.1%	17,715	9.0%	6,972	10.6%	10,375	6.6%	7,134	9.1%	285,435
25-34	294,015	12.7%	190,599	15.8%	31,292	15.9%	12,553	19.1%	28,611	18.2%	10,685	13.6%	567,755
35-44	292,216	12.7%	171,319	14.2%	27,973	14.2%	9,288	14.1%	29,737	19.0%	7,512	9.6%	538,045
45-54	334,881	14.5%	125,493	10.4%	25,907	13.1%	7,554	11.5%	20,767	13.2%	5,341	6.8%	519,943
55-64	326,349	14.1%	71,244	5.9%	18,673	9.5%	4,734	7.2%	14,610	9.3%	3,399	4.3%	439,009
65-74	252,187	10.9%	34,685	2.9%	9,494	4.8%	2,291	3.5%	8,529	5.4%	1,883	2.4%	309,069
75-84	137,800	6.0%	14,589	1.2%	3,969	2.0%	804	1.2%	3,768	2.4%	767	1.0%	161,697
85+	59,757	2.6%	4,773	0.4%	1,263	0.6%	264	0.4%	1,011	0.6%	239	0.3%	67,307
Total	2,307,662		1,203,221		197,390		65,818		156,825		78,496		4,009,412

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2013.

Maricopa County 2013 Population Statistics
Table 1.02 Population By Race/Ethnicity, Age, and Sex, 2013

Females

Age	White		Hispanic		African American		American Indian		Asian		Multiple Races		Total
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.
0-4	53,738	4.6%	58,216	9.7%	7,230	7.4%	2,762	7.9%	4,973	6.0%	6,107	15.3%	133,026
5-9	58,229	5.0%	62,758	10.5%	7,357	7.6%	2,782	8.0%	5,329	6.5%	5,330	13.4%	141,785
10-14	60,849	5.2%	59,795	10.0%	7,237	7.5%	2,544	7.3%	4,958	6.0%	4,874	12.2%	140,257
15-19	59,100	5.0%	55,095	9.2%	7,607	7.8%	2,486	7.1%	4,473	5.4%	4,048	10.2%	132,809
20-24	65,975	5.6%	53,024	8.9%	8,457	8.7%	3,586	10.3%	4,912	6.0%	3,669	9.2%	139,623
25-29	72,028	6.1%	46,587	7.8%	7,645	7.9%	3,499	10.0%	6,580	8.0%	2,889	7.3%	139,228
30-34	72,386	6.2%	46,166	7.7%	7,444	7.7%	3,149	9.0%	7,839	9.5%	2,710	6.8%	139,694
35-39	67,675	5.8%	45,129	7.6%	6,742	6.9%	2,690	7.7%	7,900	9.6%	2,094	5.3%	132,230
40-44	76,882	6.6%	41,021	6.9%	6,887	7.1%	2,367	6.8%	7,868	9.6%	1,874	4.7%	136,899
45-49	79,290	6.8%	34,206	5.7%	6,399	6.6%	2,289	6.6%	6,011	7.3%	1,446	3.6%	129,641
50-54	89,761	7.6%	28,256	4.7%	6,445	6.6%	1,996	5.7%	5,181	6.3%	1,341	3.4%	132,980
55-59	88,145	7.5%	21,345	3.6%	5,240	5.4%	1,570	4.5%	4,503	5.5%	1,006	2.5%	121,809
60-64	83,024	7.1%	15,605	2.6%	4,167	4.3%	1,142	3.3%	3,966	4.8%	826	2.1%	108,730
65-69	75,637	6.4%	11,328	1.9%	2,946	3.0%	809	2.3%	3,003	3.6%	633	1.6%	94,356
70-74	58,201	5.0%	7,430	1.2%	2,155	2.2%	539	1.5%	2,037	2.5%	418	1.0%	70,780
75+	112,795	9.6%	11,451	1.9%	3,103	3.2%	668	1.9%	2,803	3.4%	572	1.4%	131,392
Total	1,173,715		597,412		97,061		34,878		82,336		39,837		2,025,239

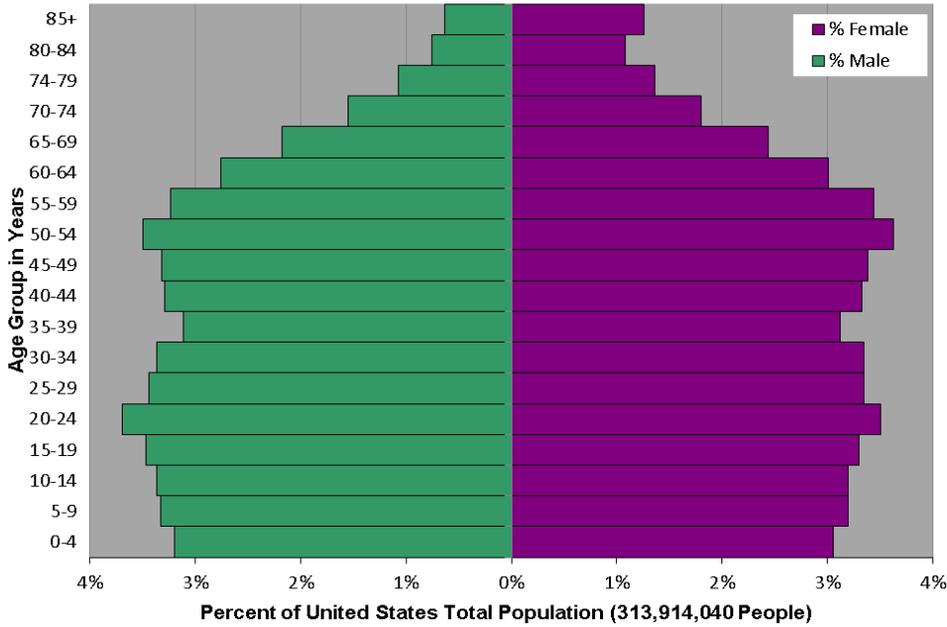
Males

0-4	56,563	5.0%	60,600	10.0%	7,589	7.6%	2,919	9.4%	4,882	6.6%	6,245	16.2%	138,798
5-9	60,660	5.3%	65,132	10.8%	7,851	7.8%	2,755	8.9%	5,341	7.2%	5,695	14.7%	147,434
10-14	63,949	5.6%	62,014	10.2%	7,943	7.9%	2,584	8.4%	4,901	6.6%	5,002	12.9%	146,393
15-19	63,364	5.6%	57,675	9.5%	8,290	8.3%	2,526	8.2%	4,560	6.1%	4,235	11.0%	140,650
20-24	68,030	6.0%	56,210	9.3%	9,258	9.2%	3,386	10.9%	5,463	7.3%	3,465	9.0%	145,812
25-29	75,518	6.7%	49,672	8.2%	8,330	8.3%	3,208	10.4%	7,071	9.5%	2,684	6.9%	146,483
30-34	74,083	6.5%	48,174	8.0%	7,873	7.8%	2,697	8.7%	7,121	9.6%	2,402	6.2%	142,350
35-39	68,465	6.0%	45,038	7.4%	7,111	7.1%	2,234	7.2%	7,187	9.6%	1,939	5.0%	131,974
40-44	79,194	7.0%	40,131	6.6%	7,233	7.2%	1,997	6.5%	6,782	9.1%	1,605	4.2%	136,942
45-49	79,048	7.0%	34,858	5.8%	6,548	6.5%	1,703	5.5%	5,147	6.9%	1,325	3.4%	128,629
50-54	86,782	7.7%	28,173	4.7%	6,515	6.5%	1,566	5.1%	4,428	5.9%	1,229	3.2%	128,693
55-59	81,418	7.2%	20,090	3.3%	5,376	5.4%	1,220	3.9%	3,421	4.6%	941	2.4%	112,466
60-64	73,762	6.5%	14,204	2.3%	3,890	3.9%	802	2.6%	2,720	3.7%	626	1.6%	96,004
65-69	67,464	5.9%	9,854	1.6%	2,705	2.7%	602	1.9%	1,990	2.7%	488	1.3%	83,103
70-74	50,885	4.5%	6,073	1.0%	1,688	1.7%	341	1.1%	1,499	2.0%	344	0.9%	60,830
75+	84,762	7.5%	7,911	1.3%	2,129	2.1%	400	1.3%	1,976	2.7%	434	1.1%	97,612
Total	1,133,947		605,809		100,329		30,940		74,489		38,659		1,984,173

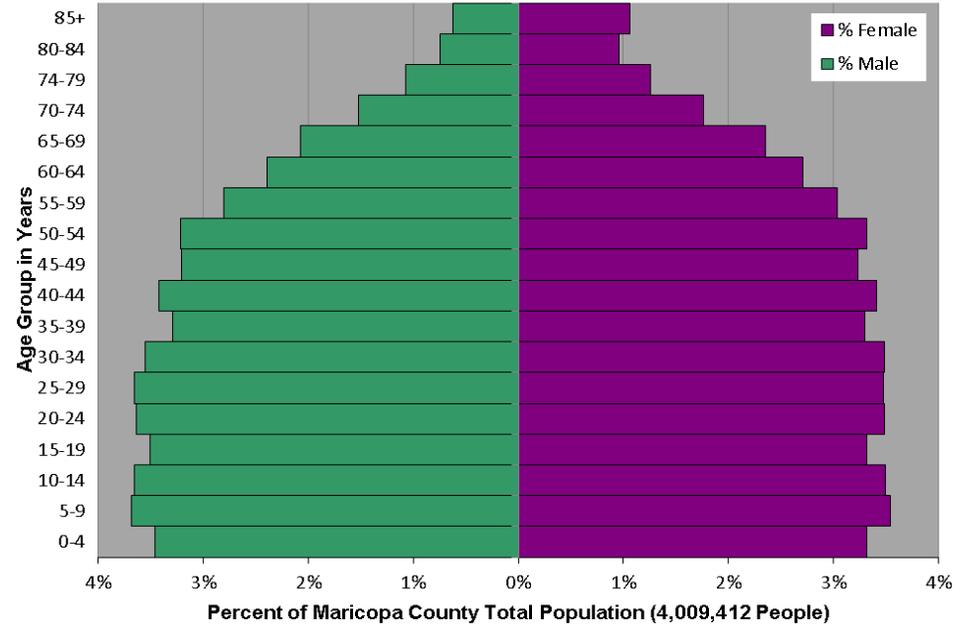
Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2013.

Maricopa County 2013 Population Statistics

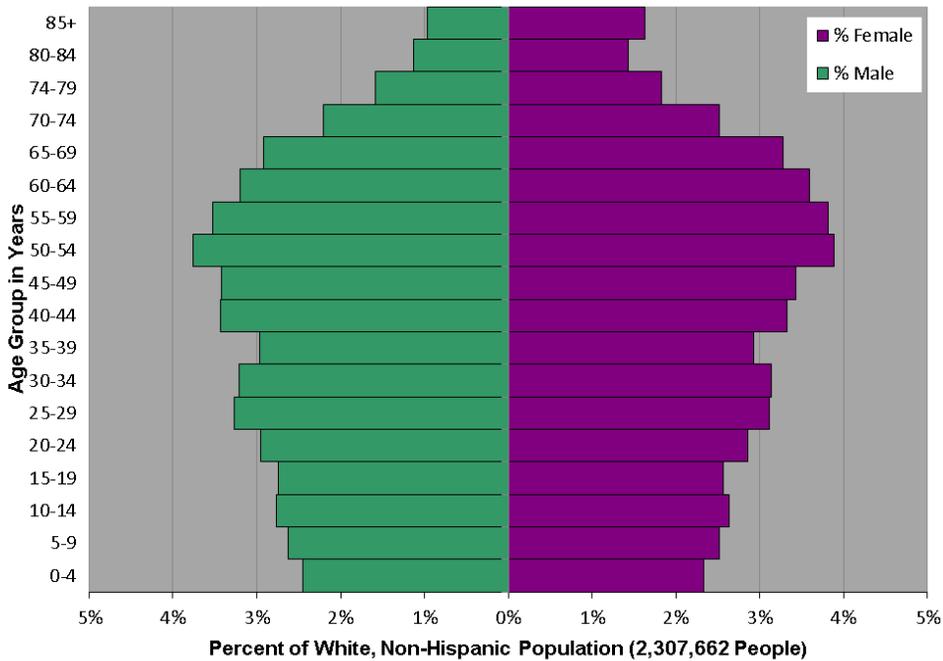
Population Pyramid for United States by Age and Sex, 2013
All Race/Ethnicities



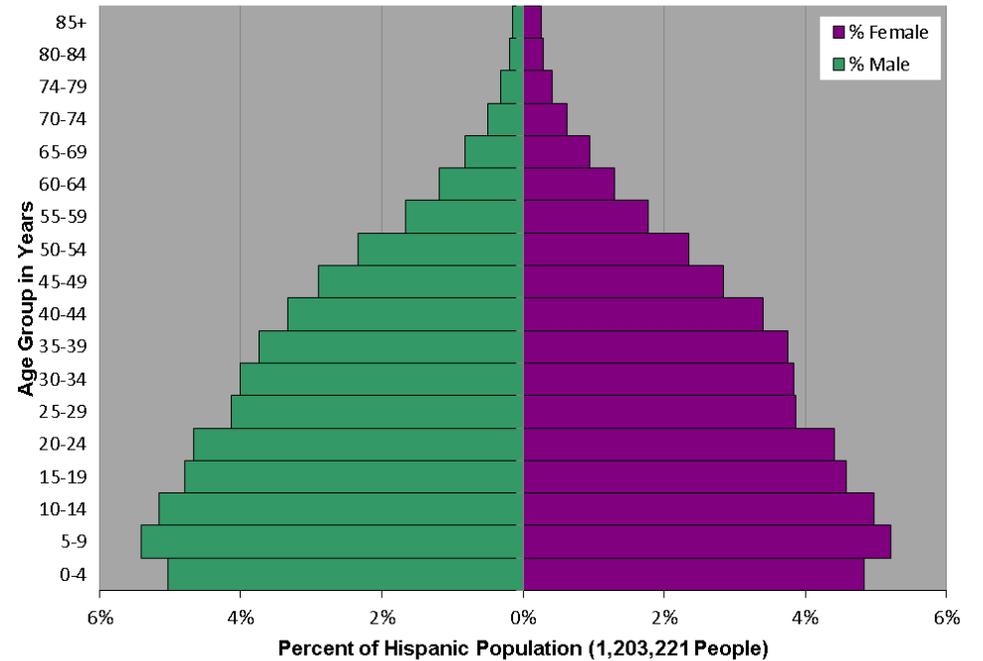
Population Pyramid for Maricopa County by Age and Sex, 2013
All Race/Ethnicities



Population Pyramid for Maricopa County by Age and Sex, 2013
White, Non-Hispanic

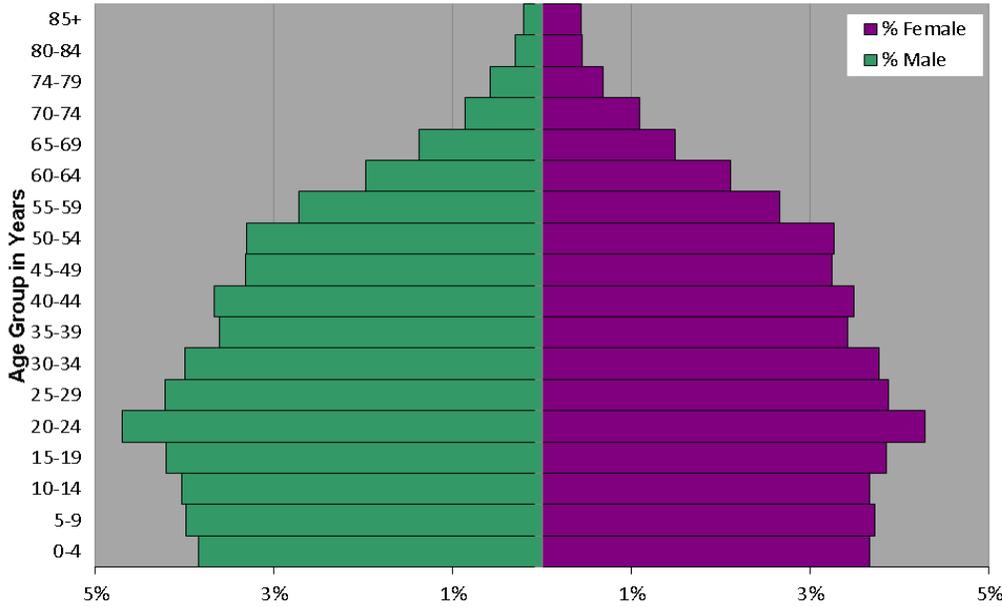


Population Pyramid for Maricopa County by Age and Sex, 2013
Hispanic



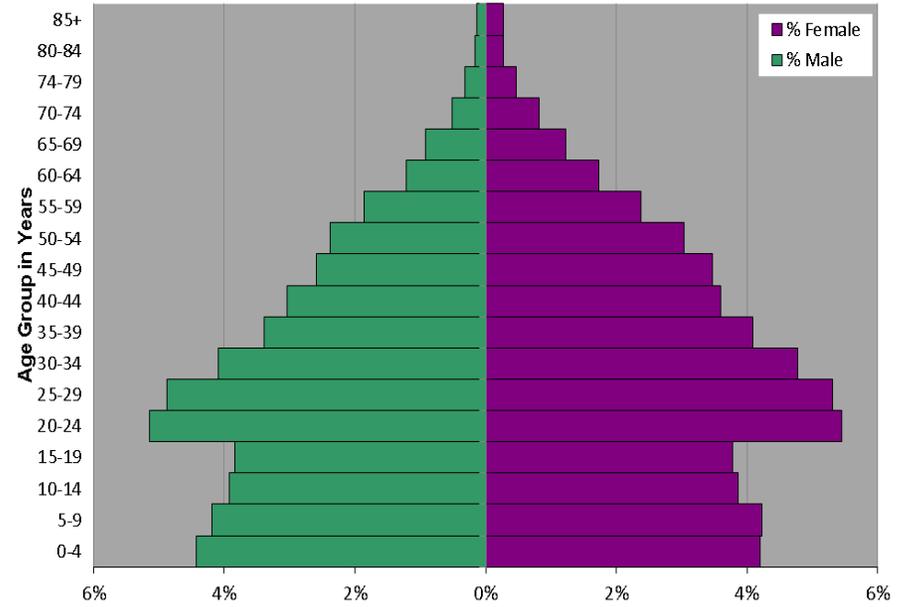
Maricopa County 2013 Population Statistics

Population Pyramid for Maricopa County by Age and Sex, 2013
African-American, Non-Hispanic



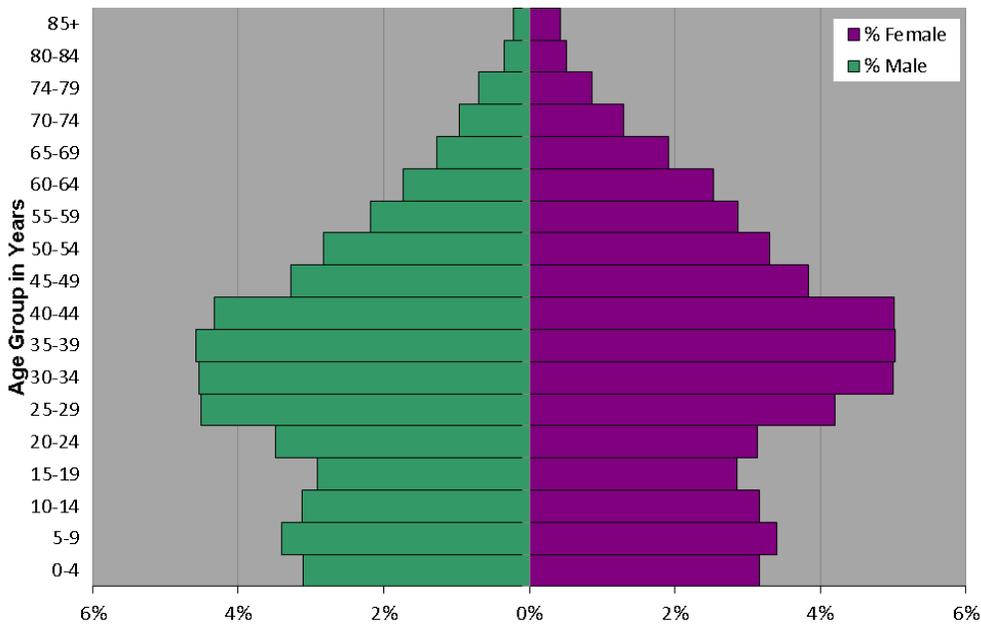
Percent of African-American, Non-Hispanic Population (197,390 People)

Population Pyramid for Maricopa County by Age and Sex, 2013
American Indian, Non-Hispanic



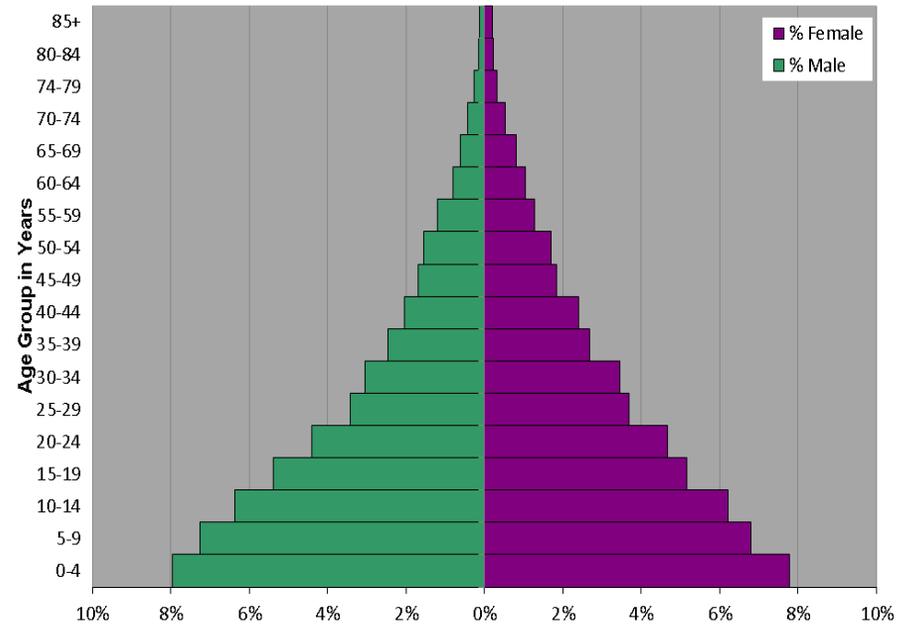
Percent of American Indian, Non-Hispanic Population (65,818 People)

Population Pyramid for Maricopa County by Age and Sex, 2013
Asian, Non-Hispanic



Percent of Asian, Non-Hispanic Population (156,825 People)

Population Pyramid for Maricopa County by Age and Sex, 2013
Multiple Races, Non-Hispanic



Percent of Other or 2+ Races, Non-Hispanic Population (74,496 People)

II. Maricopa County 2013 Mortality (Death) Statistics

Maricopa County 2013 Mortality (Death) Statistics

Table 2.01a Number of Deaths by Age Group and Race/Ethnicity

Age Group	Race/Ethnicity							Total
	White	Hispanic	African American	American Indian	Asian	Multiple	Other/Unknown	
0-4	120	157	47	5	6	17	1	353
5-9	4	7	6	2	1	3	0	23
10-14	19	21	4	0	0	0	0	44
15-19	51	49	10	2	3	4	1	120
20-24	112	85	16	8	6	8	0	235
25-34	295	174	54	24	9	14	0	570
35-44	517	254	53	48	20	8	3	903
45-54	1,257	371	131	58	23	17	15	1,872
55-64	2,494	470	219	50	47	28	13	3,321
65-74	3,752	498	205	32	73	32	23	4,615
75-84	5,453	547	227	33	105	36	9	6,410
85+	7,618	510	156	18	84	31	7	8,424
Total	21,693	3,143	1,128	280	377	198	72	26,891

**Table 2.01b Death Rates by Age Group and Race/Ethnicity—
Crude Death Rate per 100,000 Residents**

Age Group	Race/Ethnicity							Total
	White	Hispanic	African American	American Indian	Asian	Multiple	Other/Unknown ¹	
0-4	108.8	132.1	317.2	88.0	60.9	137.6	-	129.9
5-9	3.4	5.5	39.5	36.1	9.4	27.2	-	8.0
10-14	15.2	17.2	26.4	0.0	0.0	0.0	-	15.3
15-19	41.6	43.5	62.9	39.9	33.2	48.3	-	43.9
20-24	83.6	77.8	90.3	114.7	57.8	112.1	-	82.3
25-34	100.3	91.3	172.6	191.2	31.5	131.0	-	100.4
35-44	176.9	148.3	189.5	516.8	67.3	106.5	-	167.8
45-54	375.4	295.6	505.7	767.8	110.8	318.3	-	360.0
55-64	764.2	659.7	1,172.8	1,056.2	321.7	823.8	-	756.5
65-74	1,487.8	1,435.8	2,159.3	1,396.8	855.9	1,699.4	-	1,493.2
75-84	3,957.2	3,749.4	5,719.3	4,104.5	2,786.6	4,693.6	-	3,964.2
85+	12,748.3	10,685.1	12,351.5	6,818.2	8,308.6	12,970.7	-	12,515.8
Total	940.0	261.2	571.5	425.4	240.4	252.2	-	670.7

¹ Rates for the Unknown/Other group were not calculated as population estimates for this group were not available from the US Census

Table 2.02a Number of Deaths by Age Group and Sex

Age Group	Gender		Total
	Male	Female	
0-4	196	157	353
5-9	15	8	23
10-14	24	20	44
15-19	93	27	120
20-24	170	65	235
25-34	406	164	570
35-44	567	336	903
45-54	1,174	698	1,872
55-64	1,986	1,335	3,321
65-74	2,637	1,978	4,615
75-84	3,272	3,138	6,410
85+	3,271	5,153	8,424
Total	13,812	13,079	26,891

Table 2.02b Death Rates by Age Group and Sex—
Crude Death Rate per 100,000 Residents

Age Group	Gender		Total
	Male	Female	
0-4	141.2	118.0	129.9
5-9	10.2	5.6	8.0
10-14	16.4	14.3	15.3
15-19	66.1	20.3	43.9
20-24	116.6	46.6	82.3
25-34	140.6	58.8	100.4
35-44	210.8	124.8	167.8
45-54	456.2	265.8	360.0
55-64	952.7	579.1	756.5
65-74	1,832.1	1,197.8	1,493.2
75-84	4,493.8	3,530.4	3,964.2
85+	13,189.0	12,123.0	12,515.8
Total	696.1	645.8	670.7

Maricopa County 2013 Mortality (Death) Statistics

Table 2.03a Selected Underlying Causes of Death by Race/Ethnicity—Number of Cases

Cause			Race/Ethnicity						Total		
			White	Hispanic	African American	American Indian	Asian	Multiple		Other/ Unk.	
Infectious Diseases		Tuberculosis	7	4	0	1	0	0	0	12	
		Syphilis	0	1	0	0	0	0	0	1	
		HIV	30	11	11	1	0	0	0	53	
		All	37	16	11	2	0	0	0	66	
Cancer		Stomach	76	32	5	2	3	0	0	118	
		Colon	426	60	28	5	12	4	1	536	
		Pancreas	334	41	21	1	6	2	0	405	
		Lung	1,303	100	54	6	21	12	2	1,498	
		Breast	381	71	18	5	7	7	1	490	
		Uterine & Ovarian	221	40	23	3	9	4	1	301	
		Prostate	218	27	16	0	5	1	0	267	
		Urinary	259	28	9	3	1	0	1	301	
		Lymphoma	172	30	7	0	2	0	0	211	
		Leukemia	226	36	10	1	8	1	0	282	
		Other Cancer	1,301	202	46	10	30	8	2	1,599	
		All	4,917	667	237	36	104	39	8	6,008	
	Diabetes and Alzheimer's		Diabetes	600	197	80	26	19	8	4	934
			Alzheimer's	1,369	130	32	5	12	6	1	1,555
		All	1,969	327	112	31	31	14	5	2,489	
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	438	42	28	7	11	3	4	533	
		Ischemic Heart Disease	3,207	340	159	23	50	26	12	3,817	
		Other Heart Disease	974	88	40	6	16	9	3	1,136	
		All	4,619	470	227	36	77	38	19	5,486	
	Other Cardiovascular	Primary Hypertension	341	54	26	3	16	3	1	444	
		Cerebrovascular	910	107	62	4	27	8	3	1,121	
		Atherosclerosis	69	6	0	0	0	0	0	75	
		Other Circulatory	151	13	6	3	2	0	1	176	
		All	1,471	180	94	10	45	11	5	1,816	
			All	1,471	180	94	10	45	11	5	1,816
Other Respiratory Diseases		Influenza & Pneumonia	260	33	12	5	2	4	0	316	
		Chronic Lower Respiratory	1,588	83	45	5	16	8	4	1,749	
		All	1,848	116	57	10	18	12	4	2,065	
GI & Urinary		Peptic Ulcer	37	6	4	0	0	0	0	47	
		Liver Disease	313	119	12	35	5	4	0	488	
		Nephritis	104	16	6	4	2	1	2	135	
		All	454	141	22	39	7	5	2	670	
Pregnancy & Early Life		Pregnancy	2	2	0	0	0	0	0	4	
		Perinatal Conditions	43	67	29	2	2	4	0	147	
		Congenital Malformations	50	49	8	3	0	3	0	113	
		SIDS	6	1	3	1	0	1	0	12	
		All	101	119	40	6	2	8	0	276	
Other Diseases		Symptoms, Signs	1,041	109	55	9	14	5	13	1,246	
		Other Diseases	3,403	497	160	47	51	32	6	4,196	
		All	4,444	606	215	56	65	37	19	5,442	
External Causes		Motor Vehicle Collisions	213	110	24	11	5	6	3	372	
		All Other Accidents	983	192	41	22	8	16	3	1,265	
		Suicide	464	83	12	10	11	8	3	591	
		Homicide	84	86	28	7	4	2	1	212	
		Other External Causes	87	30	7	4	0	2	0	130	
		All	1,831	501	112	54	28	34	10	2,570	
Total			21,693	3,143	1,128	280	377	198	72	26,891	

Maricopa County 2013 Mortality (Death) Statistics

Table 2.03b Selected Underlying Causes of Death by Race/Ethnicity— Crude Death Rate per 100,000 Residents

Cause			Race/Ethnicity							
			White	Hispanic	African American	American Indian	Asian	Multiple	Other/Unknown	Total
Infectious Diseases		Tuberculosis	0.3	0.3	0.0	1.5	0.0	0.0	-	0.3
		Syphilis	0.0	0.1	0.0	0.0	0.0	0.0	-	0.0
		HIV	1.3	0.9	5.6	1.5	0.0	0.0	-	1.3
		All	1.6	1.3	5.6	3.0	0.0	0.0	-	1.6
Cancer		Stomach	3.3	2.7	2.5	3.0	1.9	0.0	-	2.9
		Colon	18.5	5.0	14.2	7.6	7.7	5.1	-	13.4
		Pancreas	14.5	3.4	10.6	1.5	3.8	2.5	-	10.1
		Lung	56.5	8.3	27.4	9.1	13.4	15.3	-	37.4
		Breast	16.5	5.9	9.1	7.6	4.5	8.9	-	12.2
		Uterine & Ovarian ¹	9.6	3.3	11.7	4.6	5.7	5.1	-	7.5
		Prostate ¹	9.4	2.2	8.1	0.0	3.2	1.3	-	6.7
		Urinary	11.2	2.3	4.6	4.6	0.6	0.0	-	7.5
		Lymphoma	7.5	2.5	3.5	0.0	1.3	0.0	-	5.3
		Leukemia	9.8	3.0	5.1	1.5	5.1	1.3	-	7.0
		Other Cancer	56.4	16.8	23.3	15.2	19.1	10.2	-	39.9
		All	213.1	55.4	120.1	54.7	66.3	49.7	-	149.8
Diabetes and Alzheimer's		Diabetes	26.0	16.4	40.5	39.5	12.1	10.2	-	23.3
		Alzheimer's	59.3	10.8	16.2	7.6	7.7	7.6	-	38.8
		All	85.3	27.2	56.7	47.1	19.8	17.8	-	62.1
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	19.0	3.5	14.2	10.6	7.0	3.8	-	13.3
		Ischemic Heart Disease	139.0	28.3	80.6	34.9	31.9	33.1	-	95.2
		Other Heart Disease	42.2	7.3	20.3	9.1	10.2	11.5	-	28.3
		All	200.2	39.1	115.0	54.7	49.1	48.4	-	136.8
	Other Cardiovascular	Primary Hypertension	14.8	4.5	13.2	4.6	10.2	3.8	-	11.1
		Cerebrovascular	39.4	8.9	31.4	6.1	17.2	10.2	-	28.0
		Atherosclerosis	3.0	0.5	0.0	0.0	0.0	0.0	-	1.9
		Other Circulatory	6.5	1.1	3.0	4.6	1.3	0.0	-	4.4
		All	63.7	15.0	47.6	15.2	28.7	14.0	-	45.3
Other Respiratory Diseases		Influenza & Pneumonia	11.3	2.7	6.1	7.6	1.3	5.1	-	7.9
		Chronic Lower Respiratory	68.8	6.9	22.8	7.6	10.2	10.2	-	43.6
		All	80.1	9.6	28.9	15.2	11.5	15.3	-	51.5
GI & Urinary		Peptic Ulcer	1.6	0.5	2.0	0.0	0.0	0.0	-	1.2
		Liver Disease	13.6	9.9	6.1	53.2	3.2	5.1	-	12.2
		Nephritis	4.5	1.3	3.0	6.1	1.3	1.3	-	3.4
		All	19.7	11.7	11.1	59.3	4.5	6.4	-	16.7

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Maricopa County 2013 Mortality (Death) Statistics

(Table 2.03b continued)

Cause		Race/Ethnicity							
		White	Hispanic	African American	American Indian	Asian	Multiple	Other/Unknown	Total
Pregnancy & Early Life	Pregnancy ¹	0.1	0.2	0.0	0.0	0.0	0.0	-	0.1
	Perinatal Conditions	1.9	5.6	14.7	3.0	1.3	5.1	-	3.7
	Congenital Malformations	2.2	4.1	4.1	4.6	0.0	3.8	-	2.8
	SIDS	0.3	0.1	1.5	1.5	0.0	1.3	-	0.3
	All	4.4	9.9	20.3	9.1	1.3	10.2	-	6.9
Other Diseases	Symptoms, Signs	45.1	9.1	27.9	13.7	8.9	6.4	-	31.1
	Other Diseases	147.5	41.3	81.1	71.4	32.5	40.8	-	104.7
	All	192.6	50.4	108.9	85.1	41.4	47.1	-	135.7
External Causes	Motor Vehicle Collisions	9.2	9.1	12.2	16.7	3.2	7.6	-	9.3
	All Other Accidents	42.6	16.0	20.8	33.4	5.1	20.4	-	31.6
	Suicide	20.1	6.9	6.1	15.2	7.0	10.2	-	14.7
	Homicide	3.6	7.1	14.2	10.6	2.6	2.5	-	5.3
	Other External Causes	3.8	2.5	3.5	6.1	0.0	2.5	-	3.2
	All	79.3	41.6	56.7	82.0	17.9	43.3	-	64.1
Total		940.0	261.0	571.0	425.0	237.0	252.0	-	670.0

¹ Uterine & Ovarian cancer and pregnancy rates are per 100,000 females; prostate cancer rates are per 100,000 males.

² Sudden Infant Death Syndrome (SIDS) rates are per 1,000 live births. No rate is calculated for Other/Unknown infants, see Technical Notes for explanation.

³ Rates for the Unknown/Other group were not calculated as population estimates for this group were not available from the US Census.

Maricopa County 2013 Mortality (Death) Statistics

Table 2.04a Selected Underlying Causes of Death by Age Group
Number of Cases

Cause		Age Group												Total	
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+		
Infectious Diseases		Tuberculosis	1	0	0	0	0	0	0	1	3	3	2	2	12
		Syphilis	0	0	0	0	0	0	0	0	0	0	0	1	1
		HIV	0	0	0	0	0	10	10	17	12	3	1	0	53
		All	1	0	0	0	0	10	10	18	15	6	3	3	66
Cancer		Stomach	0	0	0	0	0	3	7	8	27	30	29	14	118
		Colon	0	0	0	0	0	4	24	64	93	103	145	103	536
		Pancreas	0	0	0	0	0	0	3	16	98	114	109	65	405
		Lung	0	0	0	0	0	1	5	89	264	487	451	201	1,498
		Breast	0	0	0	0	0	5	21	63	113	118	93	77	490
		Uterine & Ovarian	0	0	0	0	2	3	21	37	60	78	73	27	301
		Prostate	0	0	0	0	0	0	1	1	15	53	94	103	267
		Urinary	0	0	0	0	0	5	2	15	48	71	92	68	301
		Lymphoma	0	0	0	0	0	2	6	16	30	35	68	54	211
		Leukemia	3	0	2	2	3	6	11	12	37	67	89	50	282
		Other Cancer	6	3	6	8	7	21	36	113	336	415	404	244	1,599
		All	9	3	8	10	12	50	137	434	1,121	1,571	1,647	1,006	6,008
Diabetes and Alzheimer's		Diabetes	0	0	0	1	1	13	28	95	194	213	220	169	934
		Alzheimer's	0	0	0	0	0	0	1	16	94	424	1,020	1,555	
		All	0	0	0	1	1	13	28	96	210	307	644	1,189	2,489
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	0	0	0	0	0	5	14	34	43	54	108	275	533
		Ischemic Heart Disease	1	0	0	0	2	9	51	178	434	688	1,005	1,448	3,817
		Other Heart Disease	1	0	1	1	2	11	27	52	98	174	252	517	1,136
		All	2	0	1	1	4	25	92	264	575	916	1,365	2,240	5,486
	Other Cardiovascular	Primary Hypertension	0	0	0	0	0	3	7	16	38	77	137	166	444
		Cerebrovascular	2	0	0	0	0	5	17	52	96	153	321	475	1,121
		Atherosclerosis	0	0	0	0	0	0	0	2	3	7	26	37	75
		Other Circulatory	0	0	0	1	0	2	5	10	23	37	51	47	176
		All	2	0	0	1	0	10	29	80	160	274	535	725	1,816
			All	2	0	0	2	0	2	5	10	18	34	88	155
Other Respiratory Diseases		Influenza & Pneumonia	2	0	0	2	0	2	5	10	18	34	88	155	316
		Chronic Lower Respiratory	2	2	0	1	0	5	6	48	160	418	579	528	1,749
		All	4	2	0	3	0	7	11	58	178	452	667	683	2,065
GI & Urinary		Peptic Ulcer	0	0	0	0	0	0	1	7	8	6	10	15	47
		Liver Disease	0	0	0	0	0	13	56	118	130	102	47	22	488
		Nephritis	1	0	0	0	0	1	1	4	11	19	39	59	135
		All	1	0	0	0	0	14	58	129	149	127	96	96	670

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Maricopa County 2013 Mortality (Death) Statistics

(Table 2.04a Continued)

Cause			Age Group												
			0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total
Pregnancy & Early Life		Pregnancy	0	0	0	0	0	2	0	2	0	0	0	0	4
		Perinatal Conditions	144	2	1	0	0	0	0	0	0	0	0	0	147
		Congenital Malformations	63	0	3	1	1	8	7	9	9	6	2	4	113
		SIDS	12	0	0	0	0	0	0	0	0	0	0	0	12
		All	219	2	4	1	1	10	7	11	9	6	2	4	276
Other Diseases		Symptoms, Signs	33	1	1	5	15	34	49	86	88	108	229	597	1,246
		Other Diseases	44	8	11	12	18	66	115	262	480	648	1,016	1,516	4,196
		All	77	9	12	17	33	100	164	348	568	756	1,245	2,113	5,442
External Causes		Motor Vehicle Collisions	6	4	7	21	38	59	55	61	49	28	23	21	372
		All Other Accidents	23	2	2	22	56	116	142	174	165	102	140	321	1,265
		Suicide	0	0	5	17	47	81	115	136	79	57	35	19	591
		Homicide	5	0	5	18	34	50	39	31	20	6	1	3	212
		Other External Causes	4	1	0	8	9	25	16	32	23	6	5	1	130
		All	38	7	19	86	184	331	367	434	336	199	204	365	2,570
Total			353	23	44	120	235	570	903	1,872	3,321	4,615	6,410	8,424	26,891

Maricopa County 2013 Mortality (Death) Statistics

Table 2.04b Selected Underlying Causes of Death by Age Group—Crude Death Rate per 100,000 Residents

Cause			Age Group												
			0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total
Infectious Diseases		Tuberculosis	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	1.0	1.2	3.0	0.3
		Syphilis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0
		HIV	0.0	0.0	0.0	0.0	0.0	1.8	1.9	3.3	2.7	1.0	0.6	0.0	1.3
		All	0.4	0.0	0.0	0.0	0.0	1.8	1.9	3.5	3.4	1.9	1.9	4.5	1.6
Cancer		Stomach	0.0	0.0	0.0	0.0	0.0	0.5	1.3	1.5	6.2	9.7	17.9	20.8	2.9
		Colon	0.0	0.0	0.0	0.0	0.0	0.7	4.5	12.3	21.2	33.3	89.7	153.0	13.4
		Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.1	22.3	36.9	67.4	96.6	10.1
		Lung	0.0	0.0	0.0	0.0	0.0	0.2	0.9	17.1	60.1	157.6	278.9	298.6	37.4
		Breast	0.0	0.0	0.0	0.0	0.0	0.9	3.9	12.1	25.7	38.2	57.5	114.4	12.2
		Uterine & Ovarian ¹	0.0	0.0	0.0	0.0	0.7	0.5	3.9	7.1	13.7	25.2	45.1	40.1	7.5
		Prostate ¹	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	3.4	17.1	58.1	153.0	6.7
		Urinary	0.0	0.0	0.0	0.0	0.0	0.9	0.4	2.9	10.9	23.0	56.9	101.0	7.5
		Lymphoma	0.0	0.0	0.0	0.0	0.0	0.4	1.1	3.1	6.8	11.3	42.1	80.2	5.3
		Leukemia	1.1	0.0	0.7	0.7	1.1	1.1	2.0	2.3	8.4	21.7	55.0	74.3	7.0
		Other Cancer	2.2	1.0	2.1	2.9	2.5	3.7	6.7	21.7	76.5	134.3	249.9	362.5	39.9
	All	3.3	1.0	2.8	3.7	4.2	8.8	25.5	83.5	255.3	508.3	1,018.6	1,494.6	149.8	
Diabetes & Alzheimer's		Diabetes	0.0	0.0	0.0	0.4	0.4	2.3	5.2	18.3	44.2	68.9	136.1	251.1	23.3
		Alzheimer's	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	3.6	30.4	262.2	1515.4	38.8
		All	0.0	0.0	0.0	0.4	0.4	2.3	5.2	18.5	47.8	99.3	398.3	1766.5	62.1
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	0.0	0.0	0.0	0.0	0.0	0.9	2.6	6.5	9.8	17.5	66.8	408.6	13.3
		Ischemic Heart Disease	0.4	0.0	0.0	0.0	0.7	1.6	9.5	34.2	98.9	222.6	621.5	2,151.3	95.2
		Other Heart Disease	0.4	0.0	0.3	0.4	0.7	1.9	5.0	10.0	22.3	56.3	155.8	768.1	28.3
		All	0.7	0.0	0.3	0.4	1.4	4.4	17.1	50.8	131.0	296.4	844.2	3328.0	136.8
	Other Cardiovascular	Primary Hypertension	0.0	0.0	0.0	0.0	0.0	0.5	1.3	3.1	8.7	24.9	84.7	246.6	11.1
		Cerebrovascular	0.7	0.0	0.0	0.0	0.0	0.9	3.2	10.0	21.9	49.5	198.5	705.7	28.0
		Atherosclerosis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	2.3	16.1	55.0	1.9
		Other Circulatory	0.0	0.0	0.0	0.4	0.0	0.4	0.9	1.9	5.2	12.0	31.5	69.8	4.4
	All	0.7	0.0	0.0	0.4	0.0	1.8	5.4	15.4	36.4	88.7	330.9	1,077.2	45.3	
Other Respiratory Diseases		Influenza & Pneumonia	0.7	0.0	0.0	0.7	0.0	0.4	0.9	1.9	4.1	11.0	54.4	230.3	7.9
		Chronic Lower Respiratory	0.7	0.7	0.0	0.4	0.0	0.9	1.1	9.2	36.4	135.2	358.1	784.5	43.6
		All	1.5	0.7	0.0	1.1	0.0	1.2	2.0	11.2	40.5	146.2	412.5	1,014.8	51.5
GI & Urinary		Peptic Ulcer	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.3	1.8	1.9	6.2	22.3	1.2
		Liver Disease	0.0	0.0	0.0	0.0	0.0	2.3	10.4	22.7	29.6	33.0	29.1	32.7	12.2
		Nephritis	0.4	0.0	0.0	0.0	0.0	0.2	0.2	0.8	2.5	6.1	24.1	87.7	3.4
		All	0.4	0.0	0.0	0.0	0.0	2.5	10.8	24.8	33.9	41.1	59.4	142.6	16.7

(Continued on next page)

Maricopa County 2013 Mortality (Death) Statistics

(Table 2.04b Continued)

Cause		Age Group												
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total
Pregnancy & Early Life	Pregnancy ¹	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.1
	Perinatal Conditions	53.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
	Congenital Malformations	23.2	0.0	1.0	0.4	0.4	1.4	1.3	1.7	2.1	1.9	1.2	5.9	2.8
	SIDS ²	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	All	80.6	0.7	1.4	0.4	0.4	1.8	1.3	2.1	2.1	1.9	1.2	5.9	6.9
Other Diseases	Symptoms, Signs	12.1	0.3	0.3	1.8	5.3	6.0	9.1	16.5	20.0	34.9	141.6	887.0	31.1
	Other Diseases	16.2	2.8	3.8	4.4	6.3	11.6	21.4	50.4	109.3	209.7	628.3	2,252.4	104.7
	All	28.3	3.1	4.2	6.2	11.6	17.6	30.5	66.9	129.4	244.6	770.0	3,139.3	135.7
External Causes	Motor Vehicle Collisions	2.2	1.4	2.4	7.7	13.3	10.4	10.2	11.7	11.2	9.1	14.2	31.2	9.3
	All Other Accidents	8.5	0.7	0.7	8.0	19.6	20.4	26.4	33.5	37.6	33.0	86.6	476.9	31.6
	Suicide	0.0	0.0	1.7	6.2	16.5	14.3	21.4	26.2	18.0	18.4	21.6	28.2	14.7
	Homicide	1.8	0.0	1.7	6.6	11.9	8.8	7.2	6.0	4.6	1.9	0.6	4.5	5.3
	Other External Causes	1.5	0.3	0.0	2.9	3.2	4.4	3.0	6.2	5.2	1.9	3.1	1.5	3.2
	All	14.0	2.4	6.6	31.4	64.5	58.3	68.2	83.5	76.5	64.4	126.2	542.3	64.1
Total		129.9	8.0	15.3	43.9	82.3	100.4	167.8	360.0	756.5	1492.9	3,963.00	12,515.8	670.6

¹ Uterine & Ovarian cancer and pregnancy rates are per 100,000 females; prostate cancer rates are per 100,000 males.

² Sudden Infant Death Syndrome (SIDS) rates are per 1,000 live births.

Maricopa County 2013 Mortality (Death) Statistics

Table 2.05a Selected Underlying Causes of Death by Sex - Number of Cases

Cause		Gender		Total	
		Male	Female		
Infectious Diseases		Tuberculosis	6	6	12
		Syphilis	1	0	1
		HIV	46	7	53
		All	53	13	66
Cancer		Stomach	70	48	118
		Colon	283	253	536
		Pancreas	208	197	405
		Lung	805	693	1,498
		Breast	6	484	490
		Uterine & Ovarian	0	301	301
		Prostate	266	1	267
		Urinary	208	93	301
		Lymphoma	131	80	211
		Leukemia	158	124	282
		Other Cancer	997	602	1,599
		All	3,132	2,876	6,008
	Diabetes & Alzheimer's		Diabetes	519	415
		Alzheimer's	506	1,049	1,555
		All	1,025	1,464	2,489
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	253	280	533
		Ischemic Heart Disease	2,245	1,572	3,817
		Other Heart Disease	558	578	1,136
		All	3,056	2,430	5,486
	Other Cardiovascular	Primary Hypertension	206	238	444
		Cerebrovascular	459	662	1,121
		Atherosclerosis	33	42	75
		Other Circulatory	95	81	176
	All	793	1,023	1,816	
Other Respiratory Diseases		Influenza & Pneumonia	146	170	316
		Chronic Lower Respiratory	802	947	1,749
		All	948	1,117	2,065
GI & Urinary		Peptic Ulcer	32	15	47
		Liver Disease	293	195	488
		Nephritis	62	73	135
		All	387	283	670
Pregnancy & Early Life		Pregnancy	0	4	4
		Perinatal Conditions	75	72	147
		Congenital Malformations	58	55	113
		SIDS	7	5	12
		All	140	136	276
Other Diseases		Symptoms, Signs	554	692	1,246
		Other Diseases	2,011	2,185	4,196
		All	2,565	2,877	5,442
External Causes		Motor Vehicle Collisions	271	101	372
		All Other Accidents	742	523	1,265
		Suicide	453	138	591
		Homicide	168	44	212
		Other External Causes	77	53	130
		All	1,711	859	2,570
Total			13,812	13,079	26,891

Maricopa County 2013 Mortality (Death) Statistics

Table 2.05b Selected Underlying Causes of Death by Sex—Crude Death Rate per 100,000 Residents

Cause			Gender		
			Male	Female	Total
Infectious Diseases		Tuberculosis	0.3	0.3	0.3
		Syphilis	0.1	0.0	0.0
		HIV	2.3	0.3	1.3
		All	2.7	0.6	1.6
Cancer		Stomach	3.5	2.4	2.9
		Colon	14.3	12.5	13.4
		Pancreas	10.5	9.7	10.1
		Lung	40.6	34.2	37.4
		Breast	0.3	23.9	12.2
		Uterine & Ovarian ¹	0.0	14.9	7.5
		Prostate ¹	13.4	0.0	6.7
		Urinary	10.5	4.6	7.5
		Lymphoma	6.6	4.0	5.3
		Leukemia	8.0	6.1	7.0
		Other Cancer	50.2	29.7	39.9
		All	157.8	142.0	149.8
Diabetes and Alzheimer's		Diabetes	26.2	20.5	23.3
		Alzheimer's	25.5	51.8	38.8
		All	51.7	72.3	62.1
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	12.8	13.8	13.3
		Ischemic Heart Disease	113.1	77.6	95.2
		Other Heart Disease	28.1	28.5	28.3
		All	154.0	120.0	136.8
	Other Cardiovascular	Primary Hypertension	10.4	11.8	11.1
		Cerebrovascular	23.1	32.7	28.0
		Atherosclerosis	1.7	2.1	1.9
		Other Circulatory	4.8	4.0	4.4
	All	40.0	50.5	45.3	
Other Respiratory Diseases		Influenza & Pneumonia	7.4	8.4	7.9
		Chronic Lower Respiratory	40.4	46.8	43.6
		All	47.8	55.2	51.5
GI & Urinary		Peptic Ulcer	1.6	0.7	1.2
		Liver Disease	14.8	9.6	12.2
		Nephritis	3.1	3.6	3.4
		All	19.5	14.0	16.7
Pregnancy & Early Life		Pregnancy ¹	0.0	0.2	0.1
		Perinatal Conditions	3.8	3.6	3.7
		Congenital Malformations	2.9	2.7	2.8
		SIDS ²	0.4	0.2	0.3
		All	7.1	6.7	6.9
Other Diseases		Symptoms, Signs	27.9	34.2	31.1
		Other Diseases	101.4	107.9	104.7
		All	129.3	142.1	135.7
External Causes		Motor Vehicle Collisions	13.7	5.0	9.3
		All Other Accidents	37.4	25.8	31.6
		Suicide	22.8	6.8	14.7
		Homicide	8.5	2.2	5.3
		Other External Causes	3.9	2.6	3.2
		All	86.2	42.4	64.1
Total			696.0	645.8	670.6

¹ Uterine & Ovarian cancer and pregnancy rates are per 100,000 females; prostate cancer rates are per 100,000 males.

² Sudden Infant Death Syndrome (SIDS) rates are per 1,000 live births.

Maricopa County 2013 Mortality (Death) Statistics

**Table 2.06a Other Selected Underlying Causes of Death by Race/Ethnicity
Number of Cases**

Cause	Race/Ethnicity							Total	
	White	Hispanic	Black	American Indian.	Asian	Multiple	Other/ Unk.		
Infectious Diseases	<i>Clostridium Difficile</i>	81	7	5	2	5	0	0	100
	Other Intestinal Infections	20	4	0	1	0	1	0	26
	Septicaemia	118	14	2	3	3	3	0	143
	Viral Hepatitis	97	59	14	0	0	3	0	173
	Coccidioidomycosis	11	3	0	0	1	0	0	15
	Other Mycoses	1	0	0	1	0	0	0	2
	All	328	87	21	7	9	7	0	459
Cancer	Brain	149	31	8	1	3	0	0	192
	Lip & Oral	66	5	0	0	0	1	0	72
	Skin	116	1	1	0	0	1	0	119
	Uterine & Ovarian	193	38	20	2	9	3	1	266
	Testicular	6	1	0	0	0	0	0	7
	All	530	76	29	3	12	5	1	656
Other Diseases	Anemias	12	3	2	0	0	0	0	17
	Nutritional Deficiencies	13	3	1	0	0	0	0	17
	Obesity	67	12	6	5	0	3	0	93
	Mental & Behavioral Disorders Due to the Use of Alcohol	84	14	3	9	0	1	0	111
	Parkinson's Disease	292	21	7	0	3	1	0	324
	Multiple Sclerosis	42	0	5	0	0	1	0	48
	Epilepsy	7	1	1	0	0	1	0	10
	All	517	54	25	14	3	7	0	620
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	717	79	43	6	5	6	2	858
	Congestive Heart Failure	168	10	5	0	2	0	0	185
	All	885	89	48	6	7	6	2	1,043
Chronic Lower Respiratory	Emphysema	64	3	2	0	0	0	0	69
	Asthma	37	12	4	0	0	0	0	53
	All	101	15	6	0	0	0	0	122
Liver Disease	Alcoholic Liver Disease	248	91	9	33	3	3	0	387
	All	248	91	9	33	3	3	0	387
Musculoskeletal	Rheumatoid Arthritis	26	8	0	2	0	1	0	37
	Lupus	8	4	3	0	1	0	1	17
	Osteoporosis	9	1	0	0	0	0	0	10
	All	43	13	3	2	1	1	1	64
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth Weight	5	25	8	1	0	2	0	41
	Congenital Malformations of the Circulatory System	21	15	1	2	0	1	0	40
	Chromosomal Abnormalities	9	8	1	0	0	0	0	18
	All	35	48	10	3	0	3	0	99
External Causes	Falls	443	49	10	3	5	3	1	514
	Unintentional Drowning	17	15	1	1	3	4	0	41
	Unintentional Poisoning	367	89	16	16	0	6	0	494
	Exposure to Excessive Natural Heat	15	9	5	0	0	1	0	30
	Legal Intervention	5	2	1	0	0	0	0	8
	Accidental Discharge of Firearms	3	0	2	0	0	0	0	5
	Discharge of Firearms, Undetermined Intent	5	3	0	0	0	1	0	9
	Complications of Medical and Surgical Care	18	8	0	1	0	0	0	27
	All	873	175	35	21	8	15	1	1,128
Total	3,560	648	186	89	43	47	5	4,578	

Maricopa County 2013 Mortality (Death) Statistics

Table 2.06b Other Selected Underlying Causes of Death by Race/Ethnicity
Crude Death Rate per 100,000 Residents

Cause		Race/Ethnicity							Total
		White	Hispanic	Black	American Indian.	Asian	Multiple	Other/Unk ²	
Infectious Diseases	<i>Clostridium Difficile</i>	3.5	0.6	2.5	3.0	3.2	0.0	-	2.5
	Other Intestinal Infections	0.9	0.3	0.0	1.5	0.0	1.3	-	0.6
	Septicaemia	5.1	1.2	1.0	4.6	1.9	3.8	-	3.6
	Viral Hepatitis	4.2	4.9	7.1	0.0	0.0	3.8	-	4.3
	Coccidioidomycosis	0.5	0.2	0.0	0.0	0.6	0.0	-	0.4
	Other Mycoses	0.0	0.0	0.0	1.5	0.0	0.0	-	0.0
	All	14.2	7.2	10.6	10.6	5.7	8.9	-	11.4
Cancer	Brain	6.5	2.6	4.1	1.5	1.9	0.0	-	4.8
	Lip & Oral	2.9	0.4	0.0	0.0	0.0	1.3	-	1.8
	Skin	5.0	0.1	0.5	0.0	0.0	1.3	-	3.0
	Uterine & Ovarian ¹	8.4	3.2	10.1	3.0	5.7	3.8	-	6.6
	Testicular ¹	0.3	0.1	0.0	0.0	0.0	0.0	-	0.2
	All	23.0	6.3	14.7	4.6	7.7	6.4	-	16.4
Other Diseases	Anemias	0.5	0.2	1.0	0.0	0.0	0.0	-	0.4
	Nutritional Deficiencies	0.6	0.2	0.5	0.0	0.0	0.0	-	0.4
	Obesity	2.9	1.0	3.0	7.6	0.0	3.8	-	2.3
	Mental & Behavioral Disorders Due to the Use of Alcohol	3.6	1.2	1.5	13.7	0.0	1.3	-	2.8
	Parkinson's Disease	12.7	1.7	3.5	0.0	1.9	1.3	-	8.1
	Multiple Sclerosis	1.8	0.0	2.5	0.0	0.0	1.3	-	1.2
	Epilepsy	0.3	0.1	0.5	0.0	0.0	1.3	-	0.2
	All	22.4	4.5	12.7	21.3	1.9	8.9	-	15.5
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	31.1	6.6	21.8	9.1	3.2	7.6	-	21.4
	Congestive Heart Failure	7.3	0.8	2.5	0.0	1.3	0.0	-	4.6
	All	38.4	7.4	24.3	9.1	4.5	7.6	-	26.0
Chronic Lower Respiratory	Emphysema	2.8	0.2	1.0	0.0	0.0	0.0	-	1.7
	Asthma	1.6	1.0	2.0	0.0	0.0	0.0	-	1.3
	All	4.4	1.2	3.0	0.0	0.0	0.0	-	3.0
Liver Disease	Alcoholic Liver Disease	10.7	7.6	4.6	50.1	1.9	3.8	-	9.7
	All	10.7	7.6	4.6	50.1	1.9	3.8	-	9.7
Musculoskeletal	Rheumatoid Arthritis	1.1	0.7	0.0	3.0	0.0	1.3	-	0.9
	Lupus	0.3	0.3	1.5	0.0	0.6	0.0	-	0.4
	Osteoporosis	0.4	0.1	0.0	0.0	0.0	0.0	-	0.2
	All	1.9	1.1	1.5	3.0	0.6	1.3	-	1.6
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth Weight	0.2	2.1	4.1	1.5	0.0	2.5	-	1.0
	Congenital Malformations of the Circulatory System	0.9	1.2	0.5	3.0	0.0	1.3	-	1.0
	Chromosomal Abnormalities	0.4	0.7	0.5	0.0	0.0	0.0	-	0.4
	All	1.5	4.0	5.1	4.6	0.0	3.8	-	2.5
External Causes	Falls	19.2	4.1	5.1	4.6	3.2	3.8	-	12.8
	Unintentional Drowning	0.7	1.2	0.5	1.5	1.9	5.1	-	1.0
	Unintentional Poisoning	15.9	7.4	8.1	24.3	0.0	7.6	-	12.3
	Exposure to Excessive Natural Heat	0.7	0.7	2.5	0.0	0.0	1.3	-	0.7
	Legal Intervention	0.2	0.2	0.5	0.0	0.0	0.0	-	0.2
	Accidental Discharge of Firearms	0.1	0.0	1.0	0.0	0.0	0.0	-	0.1
	Discharge of Firearms, Undetermined Intent	0.2	0.2	0.0	0.0	0.0	1.3	-	0.2
	Complications of Medical and Surgical Care	0.8	0.7	0.0	1.5	0.0	0.0	-	0.7
	All	37.8	14.5	17.7	31.9	5.1	19.1	-	28.1
	Total	154.3	53.9	94.2	135.2	27.4	59.9	-	114.2

¹ Uterine & Ovarian cancer rates are per 100,000 females; testicular cancer rates are per 100,000 males.

Maricopa County 2013 Mortality (Death) Statistics

Table 2.07a Other Selected Underlying Causes of Death by Age Group—Number of Cases

Cause		Age Group													Total
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Other/ Unk.	
Infectious Diseases	Clostridium Difficile	0	0	0	0	1	1	0	5	10	13	35	35	0	100
	Other Intestinal Infections	7	0	0	0	0	0	0	0	2	4	4	9	0	26
	Septicaemia	2	0	0	0	0	1	8	9	13	26	38	46	0	143
	Viral Hepatitis	0	0	0	0	1	0	6	46	74	31	14	1	0	173
	Coccidioidomycosis	0	0	0	1	0	1	1	3	1	1	5	2	0	15
	Other Mycoses	0	0	0	0	0	0	1	0	0	0	1	0	0	2
	All	9	0	0	1	2	3	16	63	100	75	97	93	0	459
Cancer	Brain	1	2	2	1	4	7	9	16	42	46	47	15	0	192
	Lip & Oral	0	0	0	0	0	0	0	7	17	28	14	6	0	72
	Skin	1	0	0	0	1	2	3	9	27	20	32	24	0	119
	Uterine & Ovarian	0	0	0	0	2	3	19	35	53	67	64	23	0	266
	Testicular	0	0	0	0	0	2	1	3	1	0	0	0	0	7
	All	2	2	2	1	7	14	32	70	140	161	157	68	0	656
Other Diseases	Anemias	0	0	0	0	0	1	2	0	1	2	5	6	0	17
	Nutritional Deficiencies	1	0	0	0	0	0	1	1	0	4	2	8	0	17
	Obesity	0	0	0	0	0	8	15	16	21	26	4	3	0	93
	Mental & Behavioral Disorders Due to the Use of Alcohol	0	0	0	0	0	6	12	28	44	18	2	1	0	111
	Parkinson's Disease	0	0	0	0	0	0	0	2	12	47	128	135	0	324
	Multiple Sclerosis	0	0	0	0	0	2	5	4	14	19	3	1	0	48
	Epilepsy	0	0	0	0	1	1	1	1	0	3	1	2	0	10
	All	1	0	0	0	1	18	36	52	92	119	145	156	0	620
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	0	0	0	0	0	3	13	39	112	194	242	255	0	858
	Congestive Heart Failure	0	0	0	0	0	0	0	1	4	22	34	124	0	185
	All	0	0	0	0	0	3	13	40	116	216	276	379	0	1,043
Chronic Lower Respiratory	Emphysema	0	0	0	0	0	0	0	2	5	20	24	18	0	69
	Asthma	2	2	0	1	0	5	3	5	13	4	5	13	0	53
	All	2	2	0	1	0	5	3	7	18	24	29	31	0	122
Liver Disease	Alcoholic Liver Disease	0	0	0	0	0	12	51	108	111	76	22	7	0	387
	All	0	0	0	0	0	12	51	108	111	76	22	7	0	387

(Continued on next page)

Maricopa County 2013 Mortality (Death) Statistics

(Table 2.07a Continued)

Cause		Age Group												Other/ Unk.	Total
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+		
Musculoskeletal	Rheumatoid Arthritis	0	0	0	0	0	0	1	2	5	10	13	6	0	37
	Lupus	0	0	0	1	1	1	4	2	3	3	2	0	0	17
	Osteoporosis	0	0	0	0	0	0	0	0	0	0	1	9	0	10
	All	0	0	0	1	1	1	5	4	8	13	16	15	0	64
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth Weight	41	0	0	0	0	0	0	0	0	0	0	0	0	41
	Congenital Malformations of the Circulatory System	19	0	1	0	0	5	4	3	2	5	0	1	0	40
	Chromosomal Abnormalities	8	0	1	0	1	0	0	2	5	1	0	0	0	18
	All	68	0	2	0	1	5	4	5	7	6	0	1	0	99
External Causes	Falls	0	0	1	0	2	5	10	15	33	58	106	284	0	514
	Unintentional Drowning	12	1	0	3	2	5	6	5	3	2	1	1	0	41
	Unintentional Poisoning	0	0	1	17	46	92	103	124	92	12	4	3	0	494
	Exposure to Excessive Natural Heat	1	0	0	0	2	2	3	9	4	4	1	4	0	30
	Legal Intervention	0	0	0	1	0	5	2	0	0	0	0	0	0	8
	Accidental Discharge of Firearms	0	0	0	1	0	1	0	0	2	0	0	1	0	5
	Discharge of Firearms, Undetermined Intent	0	0	0	2	0	2	0	2	3	0	0	0	0	9
	Complications of Medical and Surgical Care	1	0	0	0	0	1	1	2	5	9	4	4	0	27
All	14	1	2	24	52	113	125	157	142	85	116	297	0	1,128	
Total	96	5	6	28	64	174	285	506	734	775	858	1,047	0	4,578	

Maricopa County 2013 Mortality (Death) Statistics

Table 2.07b Other Selected Underlying Causes of Death by Age Group—
Crude Death Rate per 100,000 Residents

Cause		Age Group												Other/ Unk. ²	Total
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+		
Infectious Diseases	<i>Clostridium Difficile</i>	0.0	0.0	0.0	0.0	0.4	0.2	0.0	1.0	2.3	4.2	21.6	52.0	-	2.5
	Other Intestinal Infections	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.3	2.5	13.4	-	0.6
	Septicaemia	0.7	0.0	0.0	0.0	0.0	0.2	1.5	1.7	3.0	8.4	23.5	68.3	-	3.6
	Viral Hepatitis	0.0	0.0	0.0	0.0	0.4	0.0	1.1	8.8	16.9	10.0	8.7	1.5	-	4.3
	Coccidioidomycosis	0.0	0.0	0.0	0.4	0.0	0.2	0.2	0.6	0.2	0.3	3.1	3.0	-	0.4
	Other Mycoses	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.6	0.0	-	0.0
	All	3.3	0.0	0.0	0.4	0.7	0.5	3.0	12.1	22.8	24.3	60.0	138.2	-	11.4
Cancer	Brain	0.4	0.7	0.7	0.4	1.4	1.2	1.7	3.1	9.6	14.9	29.1	22.3	-	4.8
	Lip & Oral	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	3.9	9.1	8.7	8.9	-	1.8
	Skin	0.4	0.0	0.0	0.0	0.4	0.4	0.6	1.7	6.2	6.5	19.8	35.7	-	3.0
	Uterine & Ovarian ¹	0.0	0.0	0.0	0.0	0.7	0.5	3.5	6.7	12.1	21.7	39.6	34.2	-	6.6
	Testicular ¹	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.6	0.2	0.0	0.0	0.0	-	0.2
	All	0.7	0.7	0.7	0.4	2.5	2.5	5.9	13.5	31.9	52.1	97.1	101.0	-	16.4
Other Diseases	Anemias	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.2	0.6	3.1	8.9	-	0.4
	Nutritional Deficiencies	0.4	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	1.3	1.2	11.9	-	0.4
	Obesity	0.0	0.0	0.0	0.0	0.0	1.4	2.8	3.1	4.8	8.4	2.5	4.5	-	2.3
	Mental & Behavioral Disorders Due to the Use of Alcohol	0.0	0.0	0.0	0.0	0.0	1.1	2.2	5.4	10.0	5.8	1.2	1.5	-	2.8
	Parkinson's Disease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	2.7	15.2	79.2	200.6	-	8.1
	Multiple Sclerosis	0.0	0.0	0.0	0.0	0.0	0.4	0.9	0.8	3.2	6.1	1.9	1.5	-	1.2
	Epilepsy	0.0	0.0	0.0	0.0	0.4	0.2	0.2	0.2	0.0	1.0	0.6	3.0	-	0.2
	All	0.4	0.0	0.0	0.0	0.4	3.2	6.7	10.0	21.0	38.5	89.7	231.8	-	15.5
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	0.0	0.0	0.0	0.0	0.0	0.5	2.4	7.5	25.5	62.8	149.7	378.9	-	21.4
	Congestive Heart Failure	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.9	7.1	21.0	184.2	-	4.6
	All	0.0	0.0	0.0	0.0	0.0	0.5	2.4	7.7	26.4	69.9	170.7	563.1	-	26.0
Chronic Lower Respiratory	Emphysema	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.1	6.5	14.8	26.7	-	1.7
	Asthma	0.7	0.7	0.0	0.4	0.0	0.9	0.6	1.0	3.0	1.3	3.1	19.3	-	1.3
	All	0.7	0.7	0.0	0.4	0.0	0.9	0.6	1.3	4.1	7.8	17.9	46.1	-	3.0
Liver Disease	Alcoholic Liver Disease	0.0	0.0	0.0	0.0	0.0	2.1	9.5	20.8	25.3	24.6	13.6	10.4	-	9.7
	All	0.0	0.0	0.0	0.0	0.0	2.1	9.5	20.8	25.3	24.6	13.6	10.4	-	9.7

Maricopa County 2013 Mortality (Death) Statistics

(Table 2.07b Continued)

Cause		Age Group												Other/ Unk. ²	Total
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+		
Musculoskeletal	Rheumatoid Arthritis	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	1.1	3.2	8.0	8.9	-	0.9
	Lupus	0.0	0.0	0.0	0.4	0.4	0.2	0.7	0.4	0.7	1.0	1.2	0.0	-	0.4
	Osteoporosis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	13.4	-	0.2
	All	0.0	0.0	0.0	0.4	0.4	0.2	0.9	0.8	1.8	4.2	9.9	22.3	-	1.6
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth Weight	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	1.0
	Congenital Malformations of the Circulatory System	7.0	0.0	0.3	0.0	0.0	0.9	0.7	0.6	0.5	1.6	0.0	1.5	-	1.0
	Chromosomal Abnormalities	2.9	0.0	0.3	0.0	0.4	0.0	0.0	0.4	1.1	0.3	0.0	0.0	-	0.4
	All	25.0	0.0	0.7	0.0	0.4	0.9	0.7	1.0	1.6	1.9	0.0	1.5	-	2.5
External Causes	Falls	0.0	0.0	0.3	0.0	0.7	0.9	1.9	2.9	7.5	18.8	65.6	421.9	-	12.8
	Unintentional Drowning	4.4	0.3	0.0	1.1	0.7	0.9	1.1	1.0	0.7	0.6	0.6	1.5	-	1.0
	Unintentional Poisoning	0.0	0.0	0.3	6.2	16.1	16.2	19.1	23.8	21.0	3.9	2.5	4.5	-	12.3
	Exposure to Excessive Natural Heat	0.4	0.0	0.0	0.0	0.7	0.4	0.6	1.7	0.9	1.3	0.6	5.9	-	0.7
	Legal Intervention	0.0	0.0	0.0	0.4	0.0	0.9	0.4	0.0	0.0	0.0	0.0	0.0	-	0.2
	Accidental Discharge of Firearms	0.0	0.0	0.0	0.4	0.0	0.2	0.0	0.0	0.5	0.0	0.0	1.5	-	0.1
	Discharge of Firearms, Undetermined Intent	0.0	0.0	0.0	0.7	0.0	0.4	0.0	0.4	0.7	0.0	0.0	0.0	-	0.2
	Complications of Medical and Surgical Care	0.4	0.0	0.0	0.0	0.0	0.2	0.2	0.4	1.1	2.9	2.5	5.9	-	0.7
	All	5.2	0.3	0.7	8.8	18.2	19.9	23.2	30.2	32.3	27.5	71.7	441.3	-	28.1
Total	35.3	1.7	2.1	10.2	22.4	30.6	53.0	97.3	167.2	250.8	530.6	1,555.6	-	114.2	

¹ Uterine & Ovarian cancer rates are per 100,000 females; testicular cancer rates are per 100,000 males.

² Rates for the Other/Unknown group were not calculated as population estimates for this group were not available from the US Census.

Maricopa County 2013 Mortality (Death) Statistics

**Table 2.08a Other Selected Underlying Causes of Death by Sex
Number of Cases**

Cause		Gender		Total
		Male	Female	
Infectious Diseases	Clostridium Difficile	40	60	100
	Other Intestinal Infections	14	12	26
	Septicaemia	69	74	143
	Viral Hepatitis	114	59	173
	Coccidioidomycosis	12	3	15
	Other Mycoses	2	0	2
	All	251	208	459
Cancer	Brain	102	90	192
	Lip & Oral	46	26	72
	Skin	72	47	119
	Uterine & Ovarian	0	266	266
	Testicular	7	0	7
	All	227	429	656
Other Diseases	Anemias	10	7	17
	Nutritional Deficiencies	4	13	17
	Obesity	59	34	93
	Mental & Behavioral Disorders Due to the Use of Alcohol	89	22	111
	Parkinson's Disease	202	122	324
	Multiple Sclerosis	17	31	48
	Epilepsy	3	7	10
	All	384	236	620
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	498	360	858
	Congestive Heart Failure	96	89	185
	All	594	449	1,043
Chronic Lower Respiratory	Emphysema	37	32	69
	Asthma	21	32	53
	All	58	64	122
Liver Disease	Alcoholic Liver Disease	250	137	387
	All	250	137	387
Musculoskeletal	Rheumatoid Arthritis	8	29	37
	Lupus	2	15	17
	Osteoporosis	1	9	10
	All	11	53	64
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth Weight	18	23	41
	Congenital Malformations of the Circulatory System	22	18	40
	Chromosomal Abnormalities	7	11	18
	All	47	52	99
External Causes	Falls	241	273	514
	Unintentional Drowning	29	12	41
	Unintentional Poisoning	327	167	494
	Exposure to Excessive Natural Heat	24	6	30
	Legal Intervention	8	0	8
	Accidental Discharge of Firearms	5	0	5
	Discharge of Firearms, Undetermined Intent	7	2	9
	Complications of Medical and Surgical Care	13	14	27
All	654	474	1,128	
Total		2,476	2,102	4,578

Maricopa County 2013 Mortality (Death) Statistics

Table 2.08b Other Selected Underlying Causes of Death by Sex—
Crude Death Rate per 100,000 Residents

Cause		Gender		
		Male	Female	Total
Infectious Diseases	Clostridium Difficile	2.0	3.0	2.5
	Other Intestinal Infections	0.7	0.6	0.6
	Septicaemia	3.5	3.7	3.6
	Viral Hepatitis	5.7	2.9	4.3
	Coccidioidomycosis	0.6	0.1	0.4
	Other Mycoses	0.1	0.0	0.0
	All	12.7	10.3	11.4
Cancer	Brain	5.1	4.4	4.8
	Lip & Oral	2.3	1.3	1.8
	Skin	3.6	2.3	3.0
	Uterine & Ovarian ¹	0.0	13.1	6.6
	Testicular ¹	0.4	0.0	0.2
	All	11.4	21.2	16.4
Other Diseases	Anemias	0.5	0.3	0.4
	Nutritional Deficiencies	0.2	0.6	0.4
	Obesity	3.0	1.7	2.3
	Mental & Behavioral Disorders Due to the Use of Alcohol	4.5	1.1	2.8
	Parkinson's Disease	10.2	6.0	8.1
	Multiple Sclerosis	0.9	1.5	1.2
	Epilepsy	0.2	0.3	0.2
	All	19.4	11.7	15.5
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	25.1	17.8	21.4
	Congestive Heart Failure	4.8	4.4	4.6
	All	29.9	22.2	26
Chronic Lower Respiratory	Emphysema	1.9	1.6	1.7
	Asthma	1.1	1.6	1.3
	All	2.9	3.2	3.0
Liver Disease	Alcoholic Liver Disease	12.6	6.8	9.7
	All	12.6	6.8	9.7
Musculoskeletal	Rheumatoid Arthritis	0.4	1.4	0.9
	Lupus	0.1	0.7	0.4
	Osteoporosis	0.1	0.4	0.2
	All	0.6	2.6	1.6
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth Weight	0.9	1.1	1.0
	Congenital Malformations of the Circulatory System	1.1	0.9	1.0
	Chromosomal Abnormalities	0.4	0.5	0.4
	All	2.4	2.6	2.5
External Causes	Falls	12.1	13.5	12.8
	Unintentional Drowning	1.5	0.6	1.0
	Unintentional Poisoning	16.5	8.2	12.3
	Exposure to Excessive Natural Heat	1.2	0.3	0.7
	Legal Intervention	0.4	0.0	0.2
	Accidental Discharge of Firearms	0.3	0.0	0.1
	Discharge of Firearms, Undetermined Intent	0.4	0.1	0.2
	Complications of Medical and Surgical Care	0.7	0.7	0.7
	All	33.0	23.4	28.1
Total	124.8	103.8	114.2	

¹ Uterine & Ovarian cancer rates are per 100,000 females; testicular cancer rates are per 100,000 males.

Maricopa County 2013 Mortality (Death) Statistics

**Table 2.09a Firearm, Drug, and Alcohol Induced and Related Deaths by Age Group
Number of Cases**

Age Group	Firearm Related	Drug Induced	Drug Related, Exc. Tobacco	Drug Related, Inc. Tobacco¹	Alcohol Induced	Alcohol Related
0-9	1	0	0	0	0	0
10-14	4	1	1	1	0	0
15-19	29	21	21	21	1	2
20-24	56	58	60	60	1	2
25-34	95	102	114	122	26	41
35-44	95	129	155	186	70	105
45-54	96	176	225	410	139	209
55-64	55	143	175	707	160	241
65-74	47	29	36	948	96	150
75-84	29	14	15	994	27	42
85+	19	12	6	609	10	16
Total	526	685	808	4,058	530	808

¹See Technical Notes for explanation for the large difference between Drug Related deaths including and excluding tobacco.

Note: Firearm, drug, and alcohol induced and related deaths are also included in other categories, e.g., suicide, homicide or unintentional injuries.

Refer to the Technical Notes for a complete explanation of induced versus related deaths involving firearms, drugs, or alcohol.

Maricopa County 2013 Mortality (Death) Statistics

**Table 2.09b Firearm, Drug, and Alcohol Induced and Related Deaths by Age Group
Crude Death Rate per 100,000 Residents**

Age Group	Firearm Related	Drug Induced	Drug Related, Exc. Tobacco	Drug Related, Inc. Tobacco ¹	Alcohol Induced	Alcohol Related
0-9	0.4	0.0	0.0	0.0	0.0	0.0
10-14	1.4	0.3	0.3	0.3	0.0	0.0
15-19	10.6	7.7	7.7	7.7	0.4	0.7
20-24	19.6	20.3	21.0	21.0	0.4	0.7
25-34	16.7	18.0	20.1	21.5	4.6	7.2
35-44	17.7	24.0	28.8	34.6	13.0	19.5
45-54	18.5	33.8	43.3	78.9	26.7	40.2
55-64	12.5	32.6	39.9	161.0	36.4	54.9
65-74	15.2	9.4	11.6	306.7	31.1	48.5
75-84	17.9	8.7	9.3	614.7	16.7	26.0
85+	28.2	17.8	8.9	904.8	14.9	23.8
Total	13.1	17.1	20.2	101.2	13.2	20.2

¹See Technical Notes for explanation for the large difference between Drug Related deaths including and excluding tobacco.

Note: Firearm, drug, and alcohol induced and related deaths are also included in other categories, e.g., suicide, homicide or unintentional injuries.

Refer to the Technical Notes for a complete explanation of induced versus related deaths involving firearms, drugs, or alcohol.

Maricopa County 2013 Mortality (Death) Statistics

**Table 2.10a Firearm, Drug, and Alcohol Induced and Related Deaths by Race
Number of Cases**

Race/Ethnicity	Firearm Related	Drug Induced	Drug Related, Exc. Tobacco	Drug Related, Inc. Tobacco ¹	Alcohol Induced	Alcohol Related
White	359	519	591	3,429	352	535
Hispanic	106	114	145	351	113	172
African American	32	26	39	162	12	23
American Indian	11	17	22	40	45	62
Asian	9	7	2	32	3	6
Multiple	7	2	7	33	5	8
Other/ Unknown	2	0	2	11	0	2
Total	526	685	808	4,058	530	808

¹ See Technical Notes for explanation for the large difference between Drug Related deaths including and excluding tobacco.

**Table 2.10b Firearm, Drug, and Alcohol Induced and Related Deaths by Race
Crude Death Rate per 100,000 Residents**

Race/Ethnicity	Firearm Related	Drug Induced	Drug Related, Exc. Tobacco	Drug Related, Inc. Tobacco ¹	Alcohol Induced	Alcohol Related
White	15.6	22.5	25.6	148.6	15.3	23.2
Hispanic	8.8	9.5	12.1	29.2	9.4	14.3
African American	16.2	13.2	19.8	82.1	6.1	11.7
American Indian	16.7	25.8	33.4	60.8	68.4	94.2
Asian	5.7	4.5	1.3	20.4	1.9	3.8
Multiple	8.9	2.5	8.9	42.0	6.4	10.2
Other/ Unknown ²	-	-	-	-	-	-
Total	13.1	17.1	20.2	101.2	13.2	20.2

¹ See Technical Notes for explanation for the large difference between Drug Related deaths including and excluding tobacco.

² Rates for the Other/Unknown group were not calculated as population estimates for this group were not available from the US Census

Note: Firearm, drug, and alcohol induced and related deaths are also included in other categories, e.g., suicide, homicide or unintentional injuries.

Refer to the Technical Notes for a complete explanation of induced versus related deaths involving firearms, drugs, or alcohol.

Maricopa County 2013 Mortality (Death) Statistics

**Table 2.11a Firearm, Drug, and Alcohol Induced and Related Deaths by Sex
Number of Cases**

Gender	Firearm Related	Drug Induced	Drug Related, Exc. Tobacco	Drug Related, Inc. Tobacco ¹	Alcohol Induced	Alcohol Related
Male	443	422	507	2,468	362	577
Female	83	263	301	1,590	168	231
Total	526	685	808	4,058	530	808

¹ See Technical Notes for explanation for the large difference between Drug Related deaths including and excluding tobacco.

**Table 2.11b Firearm, Drug, and Alcohol Induced and Related Deaths by Sex
Crude Death Rate per 100,000 Residents**

Gender	Firearm Related	Drug Induced	Drug Related, Exc. Tobacco	Drug Related, Inc. Tobacco ¹	Alcohol Induced	Alcohol Related
Male	22.3	21.3	25.6	124.4	18.2	29.1
Female	4.1	13.0	14.9	78.5	8.3	11.4
Total	13.1	17.1	20.2	101.2	13.2	20.2

¹ See Technical Notes for explanation for the large difference between Drug Related deaths including and excluding tobacco.

Note: Firearm, drug, and alcohol induced and related deaths are also included in other categories, e.g., suicide, homicide or unintentional injuries. Refer to the Technical Notes for a complete explanation of induced versus related deaths involving firearms, drugs, or alcohol.

Maricopa County 2013 Mortality (Death) Statistics

Table 2.12 Number and Percent of Deaths by Race/Ethnicity and Marital Status

Marital Status at Death	Race/Ethnicity														Total	
	White		Hispanic		African American		American Indian		Asian		Multiple		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Single	1,784	8.2	785	25.0	277	24.6	119	42.5	37	9.8	54	27.3	7	9.7	3,063	11.4
Married	8,491	39.1	1,134	36.1	321	28.5	67	23.9	177	46.9	56	28.3	16	22.2	10,262	38.2
Widowed	7,479	34.5	705	22.4	255	22.6	48	17.1	109	28.9	52	26.3	10	13.9	8,658	32.2
Divorced	3,788	17.5	493	15.7	262	23.2	45	16.1	53	14.1	34	17.2	8	11.1	4,683	17.4
Unknown	151	0.7	26	0.8	13	1.2	1	0.4	1	0.3	2	1.0	31	43.1	225	0.8
Total	21,693	100.0	3,143	100.0	1,128	100.0	280	100.0	377	100.0	198	100.0	72	100.0	26,891	100.0

Table 2.13 Number and Percent of Deaths by Race/Ethnicity and Education Level

Education Level	Race/Ethnicity														Total	
	White		Hispanic		African American		American Indian		Asian		Multiple		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
8th Grade or Less	1,003	4.6	1,009	32.1	102	9.0	30	10.7	51	13.5	20	10.1	4	5.6	2,219	8.3
Some High School	1,516	7.0	422	13.4	113	10.0	59	21.1	28	7.4	28	14.1	4	5.6	2,170	8.1
High School Graduate or GED	8,256	38.1	809	25.7	342	30.3	93	33.2	99	26.3	68	34.3	10	13.9	9,677	36.0
Some College	4,199	19.4	360	11.5	226	20.0	57	20.4	44	11.7	23	11.6	3	4.2	4,912	18.3
College Graduate	4,577	21.1	254	8.1	207	18.4	26	9.3	89	23.6	29	14.6	4	5.6	5,186	19.3
Graduate School	1,661	7.7	63	2.0	66	5.9	4	1.4	43	11.4	10	5.1	5	6.9	1,852	6.9
Unknown	481	2.2	226	7.2	72	6.4	11	3.9	23	6.1	20	10.1	42	58.3	875	3.3
Total	21,693	100.0	3,143	100.0	1,128	100.0	280	100.0	377	100.0	198	100.0	72	100.0	26,891	100.0

Table 2.14 Number and Percent of Deaths by Race/Ethnicity and Sex

Gender	Race/Ethnicity														Total	
	White		Hispanic		African American		American Indian		Asian		Multiple		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male	10,934	50.4	1,748	55.6	609	54.0	164	58.6	195	51.7	111	56.1	51	70.8	13,812	51.4
Female	10,759	49.6	1,395	44.4	519	46.0	116	41.4	182	48.3	87	43.9	21	29.2	13,079	48.6
Total	21,693	100.0	3,143	100.0	1,128	100.0	280	100.0	377	100.0	198	100.0	72	100.0	26,891	100.0

Maricopa County 2013 Mortality (Death) Statistics

Table 2.15 Crude and Age Adjusted Rates for Selected Underlying Causes of Death by Race/Ethnicity

Crude Death Rates							
	White	Hispanic	African American	American Indian	Asian	Multiple	Total
All Causes	940.0	261.2	571.5	425.4	240.4	252.2	670.7
Heart Disease	200.2	39.1	115.0	54.7	49.1	48.4	136.8
All Cancer	213.1	55.4	120.1	54.7	66.3	49.7	149.8
Cerebrovascular	39.4	8.9	31.4	6.1	17.2	10.2	28.0
Unintentional Injuries ¹	51.0	24.4	32.9	48.6	8.3	28.0	40.2
Pneumonia & Influenza	11.3	2.7	6.1	7.6	1.3	5.1	7.9
Diabetes (single cause)	26.0	16.4	40.5	39.5	12.1	10.2	23.3
Suicide	20.1	6.9	6.1	15.2	7.0	10.2	14.7
Homicide	3.6	7.1	14.2	10.6	2.6	2.5	5.3
AIDS and HIV	1.3	0.9	5.6	1.5	0.0	0.0	1.3
Asthma	1.6	1.0	2.0	0.0	0.0	0.0	1.3
Drug Induced	22.5	9.5	13.2	25.8	4.5	2.5	17.1
Firearm Related	15.6	8.8	16.2	16.7	5.7	8.9	13.1
Alcohol Induced	22.5	9.4	6.1	68.4	1.9	6.4	13.2
Age Adjusted Death Rates							
	White	Hispanic	African American	American Indian	Asian	Multiple	Total
All Causes	650.5	529.8	823.0	773.1	326.4	640.6	519.3
Heart Disease	132.4	103.7	179.8	139.6	81.7	189.6	135.4
All Cancer	145.1	123.7	177.9	92.3	97.9	154.9	142.3
Cerebrovascular	26.1	24.3	52.1	10.9	28.7	31.9	27.1
Unintentional Injuries ¹	42.1	35.1	40.9	46.3	10.5	47.2	39.5
Pneumonia & Influenza	7.4	8.2	11.7	18.7	2.7	9.5	7.7
Diabetes (single cause)	17.9	40.7	58.4	55.1	19.0	36.2	22.1
Suicide	18.6	7.4	5.7	14.7	6.6	14.9	14.8
Homicide	3.6	6.5	13.2	8.9	2.4	1.8	5.3
AIDS and HIV	1.9	1.0	5.5	1.8	0.0	0.0	1.3
Asthma	1.2	1.5	1.9	0.0	0.0	0.0	1.2
Drug Induced	21.1	10.7	12.8	24.2	4.3	7.0	17.0
Firearm Related	14.3	8.3	15.3	15.1	5.2	14.9	13.2
Alcohol Induced	21.1	14.8	6.6	80.6	2.1	11.5	12.6

¹ Unintentional injuries listed in this table include deaths from unintentional injuries, but do not include the deaths from complications of medical or surgical care. The figure in this table is comparable to the Healthy People 2020 goal for deaths due to unintentional injury. See Technical Notes for details.

Maricopa County 2013 Mortality (Death) Statistics

Table 2.16 Death Rate Comparisons for Selected Underlying Causes of Death

Causes of Death	2013 Maricopa County		Age Adjusted Rate (Deaths per 100,000 Residents) ⁵			
	No. of Individuals	Crude Rate (Deaths per 100,000 Residents)	Maricopa County 2013	Arizona 2013	U.S. 2012 ³	Healthy People 2020 Goal
All Causes	26,891	670.7	519.3	687.8	732.8	-
Heart Disease	5,486	136.8	135.4	143.0	170.5	-
Coronary Heart Disease	4,322	107.8	103.1	110.0	105.4	103.4
All Other Heart Disease	1,164	29.0	27.8	-	-	-
All Cancers	6,008	149.8	142.3	149.6	166.5	161.4
Lung, Trachea, Bronchus Cancer	1,498	37.4	31.5	36.4	44.9	45.5
Female Breast Cancer ¹	484	23.9	21.0	20.7	21.3	20.6
Prostate Cancer ¹	267	13.5	15.4	18.2	19.5	21.2
All Other Cancers	3,759	93.8	89.2	-	-	-
Cerebrovascular Disease (Stroke)	1,121	28.0	27.1	28.2	36.9	33.8
Unintentional Injuries (Accidents)²	1,610	40.2	39.5	46.3	39.1	36.4
Motor Vehicle	372	9.3	9.2	11.4	11.4	12.4
Falls	514	12.8	12.3	12.1	8.3	7.2
Accidental Poisoning	494	12.3	12.3	15.0	11.5	11.1
Drowning	41	1.0	1.0	1.1	1.1	1.1
All Other Unintentional Injuries	189	4.7	4.6	-	-	-
Pneumonia & Influenza	316	7.9	7.7	10.0	14.4	-
Diabetes⁴	934	23.3	22.1	23.6	21.2	-
Suicide	591	14.7	14.8	17.0	12.6	10.2
Homicide	212	5.3	5.3	5.9	5.4	5.5
AIDS & HIV	53	1.3	1.3	1.4	2.2	3.3
Asthma	53	1.3	1.2	-	1.1	4.9
Drug Induced	685	17.1	17.0	16.9	13.8	11.3
Firearm Related	526	13.1	13.2	14.1	10.5	9.2
Alcohol Induced	530	13.2	12.6	15.7	8.0	-

¹The Maricopa County, Arizona, United States and HP 2020 Goal rates for female breast cancer are calculated as a rate per 100,000 women. The rates for prostate cancer are calculated as rates per 100,000 men.

²Unintentional injuries listed in this table include deaths from unintentional injuries, but do not include the deaths from complications of medical or surgical care. The figure in this table is comparable to the HP 2020 goal. See Technical Notes for details.

³All Figures are from Final 2012 U.S. data.

⁴Healthy People 2020 Goal for diabetes includes deaths where diabetes is listed as a multiple cause of death. The Healthy People 2020 Goal is 65.8 deaths per 100,000 residents.

⁵Data not available for "-": there are no corresponding category in reports for Arizona and U.S 2013, 2020 Goals.

Maricopa County 2013 Mortality (Death) Statistics

Table 2.17a Death Rate Comparisons for Selected Underlying Causes of Death by Race/Ethnicity

Rank	White	Hispanic	African American	American Indian	Asian	All
1	Cancer (4,914)	Cancer (590)	Cancer (237)	Cancer (38)	Cancer (104)	Cancer (6,008)
2	Heart Disease (4,619)	Heart Disease (470)	Heart Disease (227)	Heart Disease (36)	Heart Disease (77)	Heart Disease (5,486)
3	Chronic Lower Respiratory (1,588)	Unintentional Injury (294)	Diabetes (80)	Unintentional Injury (32)	Stroke (27)	Chronic Lower Respiratory (1,749)
4	Alzheimer's (1,369)	Diabetes (197)	Unintentional Injury (65)	Diabetes (26)		Unintentional Injury (1,610)
5	Unintentional Injury (1,178)	Alzheimer's (130)	Stroke (62)			Alzheimer's (1,555)
6	Stroke (910)	Liver Disease (119)	Chronic Lower Respiratory (45)		***	Stroke (1,121)
7	Diabetes (600)	Stroke (107)	Alzheimer's (32)			Diabetes (934)
8	Suicide (464)	Homocide (86)	Homicide (28)			Suicide (591)
9	Fall (443)	Chronic Lower Respiratory (83)	Suicide (12)			Fall (514)
10	Liver Disease (313)	Suicide (83)				Liver Disease (488)

***Fewer than 20 deaths occurred for a cause of death for African American (10th), American Indian (5th-10th), and Asian (4th-10th).

Maricopa County 2013 Mortality (Death) Statistics

Table 2.17b Death Rate Comparisons for Leading Causes of Death by Age

Rank	Less than 15 years old	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 and above	Total
1	Unintentional Injury (43)	Unintentional Injury (43)	Unintentional Injury (94)	Unintentional Injury (174)	Unintentional Injury (196)	Cancer (434)	Cancer (1,121)	Heart Disease (4,308)	Cancer (5,868)
2	Cancer (20)		Suicide (47)	Suicide (81)	Cancer (137)	Heart Disease (264)	Heart Disease (575)	Cancer (4,114)	Heart Disease (5,236)
3			Homicide (34)	Homicide (50)	Suicide (115)	Unintentional Injury (233)	Unintentional Injury (209)	Alzheimer's (1,501)	Chronic Lower Respiratory (1,647)
4				Cancer (50)	Heart Disease (92)	Suicide (136)	Diabetes (194)	Chronic Lower Respiratory (1,435)	Alzheimer's (1,518)
5				Heart Disease (25)	Liver Disease (56)	Liver Disease (118)	Chronic Lower Respiratory (160)	Stroke (910)	Unintentional Injury (1,461)
6		***			Homicide (39)	Diabetes (95)	Liver Disease (130)	Diabetes (630)	Stroke (1,090)
7					Diabetes (28)	Stroke (52)	Stroke (96)	Unintentional Injury (557)	Diabetes (939)
8						Chronic Lower Respiratory (48)	Suicide (79)	Influenza & Pneumonia (190)	Suicide (553)
9						Homicide (31)	Fall (33)	Suicide (84)	Influenza & Pneumonia (218)
10							Homicide (20)		Homicide (204)

***Fewer than 20 deaths occurred for a cause of death for these age groups

Maricopa County 2013 Mortality (Death) Statistics

Table 2.18 Years of Potential Life Lost for Selected Underlying Causes of Death

Cause of Death			
	YPLL*	Percent	Total Deaths
Total	274,844	100.0	26,891
Malignant Neoplasms	59,777	22.3	6,008
Trachea, Bronchus, and Lung	12,336	5.6	1,498
Breast	6,989	1.8	490
Colon, Rectum, and Anus	5,692	2.0	536
Uterus, Cervix, and Ovary	4,253	1.1	266
Pancreas	3,511	1.5	405
Unintentional Injury	38,850	6.1	1637
Motor Vehicle Collisions	12,399	1.4	372
All Other Accidents	26,451	4.7	1,265
Heart Disease	30,906	20.4	5,486
Suicide	17,974	2.2	591
Diabetes	10,314	3.5	934
Chronic Lower Respiratory	9,465	6.5	1,749
Homicide	8,864	0.8	212
Liver Disease	9,588	1.8	488
Cerebrovascular Disease	5,875	4.2	1,121
Viral Hepatitis	3,238	0.6	173
Pneumonia and Influenza	1,509	1.2	316
HIV	1,533	0.2	53
All Other Causes	76,951	30.2	8,123

**Years of Potential Life Lost (YPLL) are based on the life expectancy in 2013 from the National Center of Health Statistics.*

In 2013, females had a life expectancy of 81.2 years while males had a life expectancy of 76.4 years.

See Technical Notes for details.

III. Maricopa County 2013 Natality (Birth) Statistics

Maricopa County 2013 Natality (Birth) Statistics

Table 3.01 Number and Percent of Births by Age and Race/Ethnicity of Mother

Age Group of Mother	Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/ Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<15	4	-	30	0.1	4	0.1	1	0.1	2	0.1	0	0.0	41	0.1
15-19	924	3.8	2,653	12.3	372	10.7	189	11.9	48	1.9	4	2.0	4,190	7.8
20-24	4,528	18.6	6,340	29.3	1,056	30.2	513	32.3	220	8.6	12	5.9	12,669	23.5
25-29	7,626	31.3	5,803	26.8	942	27.0	435	27.4	735	28.6	39	19.0	15,580	28.9
30-34	7,237	29.7	4,035	18.6	707	20.2	312	19.6	931	36.3	55	26.8	13,277	24.7
35-39	3,305	13.6	2,222	10.3	331	9.5	113	7.1	495	19.3	49	23.9	6,515	12.1
40-44	676	2.8	521	2.4	74	2.1	23	1.4	126	4.9	30	14.6	1,450	2.7
45+	53	0.2	37	0.2	6	0.2	4	0.3	9	0.4	15	7.3	124	0.2
Unknown ¹	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	1	0.5	2	0.0
Total	24,353	100.0	21,642	100.0	3,492	100.0	1,590	100.0	2,566	100.0	205	100.0	53,848	100.0

¹ "Unknown" code is used for Age Group and Race/Ethnicity category.

"-" indicates the rate to be less than 0.1 percent.

Total percentage was rounded for Unknown Age Group category

Maricopa County 2013 Natality (Birth) Statistics

Table 3.02 Number and Percent of Births by Marital Status and Race/Ethnicity of Mother

Marital Status of Mother	Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/ Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Married	17,246	70.8	8,772	40.5	1,197	34.3	370	23.3	2,188	85.3	114	55.6	29,887	55.5
Single	6,874	28.2	12,630	58.4	2,272	65.1	1,199	75.4	368	14.3	31	15.1	23,374	43.4
Refused	128	0.5	173	0.8	15	0.4	14	0.9	3	0.1	0	0.0	333	0.6
Divorced	43	0.2	24	0.1	4	0.1	1	0.1	4	0.2	0	0.0	76	0.1
Unknown	62	0.3	43	0.2	4	0.1	6	0.4	3	0.1	60	29.3	178	0.3
Total	24,353	100.0	21,642	100.0	3,492	100.0	1,590	100.0	2,566	100.0	205	100.0	53,848	100.0

Table 3.03 Number and Percent of Births by Educational Level and Race/Ethnicity of Mother

Education Level of Mother	Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/ Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
< 6th Grade	43	0.2	335	1.5	50	1.4	1	0.1	34	1.3	1	0.5	464	0.9
6-11th Grade	1,311	5.4	6,661	30.8	495	14.2	353	22.2	131	5.1	4	2.0	8,955	16.6
High School Diploma	5,102	21.0	7,935	36.7	1,204	34.5	592	37.2	419	16.3	12	5.9	15,264	28.3
College+	17,768	73.0	6,620	30.6	1,720	49.3	632	39.7	1,973	76.9	61	29.8	28,774	53.4
Unknown	129	0.5	91	0.4	23	0.7	12	0.8	9	0.4	127	62.0	391	0.7
Total	24,353	100.0	21,642	100.0	3,492	100.0	1,590	100.0	2,566	100.0	205	100.0	53,848	100.0

Maricopa County 2013 Natality (Birth) Statistics

Table 3.04 Number and Percent of Births by Method of Payment by Race/Ethnicity of Mother

Method of Payment	Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/ Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
AHCCCS Medicaid	7,703	31.6	16,265	75.2	2,494	71.4	1,067	67.1	697	27.2	120	58.5	28,346	52.6
Indian Health Service	20	0.1	27	0.1	2	0.1	184	11.6	2	0.1	2	1.0	237	0.4
Private Insurance	15,540	63.8	4,827	22.3	909	26.0	312	19.6	1,788	69.7	64	31.2	23,440	43.5
Self Pay	1,046	4.3	491	2.3	83	2.4	25	1.6	77	3.0	16	7.8	1,738	3.2
Unknown	44	0.2	32	0.1	4	0.1	2	0.1	2	0.1	3	1.5	87	0.2
Total	24,353	100.0	21,642	100.0	3,492	100.0	1,590	100.0	2,566	100.0	205	100.0	53,848	100.0

Table 3.05 Trimester of First Prenatal Care (PNC) by Race/Ethnicity of Mother

Trimester of First Prenatal Care	Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/ Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
No PNC	103	0.4	265	1.2	42	1.2	40	2.5	12	0.5	20	9.8	482	0.9
First	21,928	90.0	17,353	80.2	2,801	80.2	1,155	72.6	2,261	88.1	126	61.5	45,624	84.7
Second	1,944	8.0	3,180	14.7	512	14.7	300	18.9	222	8.7	33	16.1	6,191	11.5
Third	344	1.4	817	3.8	131	3.8	89	5.6	69	2.7	19	9.3	1,469	2.7
Unknown	34	0.1	27	0.1	6	0.2	6	0.4	2	0.1	7	3.4	82	0.2
Total	24,353	100.0	21,642	100.0	3,492	100.0	1,590	100.0	2,566	100.0	205	100.0	53,848	100.0

Maricopa County 2013 Natality (Birth) Statistics

Table 3.06 Number and Percent of Prenatal Care Visits by Race/Ethnicity of Mother

Number of Prenatal Care Visits	Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/ Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
None	103	0.4	265	1.2	42	1.2	40	2.5	12	0.5	20	9.8	482	0.9
1 to 4	370	1.5	774	3.6	139	4.0	129	8.1	62	2.4	16	7.8	1,490	2.8
5 to 8	2,045	8.4	2,955	13.7	472	13.5	344	21.6	230	9.0	36	17.6	6,082	11.3
9 to 12	11,059	45.4	11,006	50.9	1,722	49.3	736	46.3	1,199	46.7	73	35.6	25,795	47.9
13 to 16	8,808	36.2	5,361	24.8	915	26.2	268	16.9	874	34.1	36	17.6	16,262	30.2
17 or More	1,932	7.9	1,251	5.8	194	5.6	61	3.8	187	7.3	18	8.8	3,643	6.8
Unknown	36	0.1	30	0.1	8	0.2	12	0.8	2	0.1	6	2.9	94	0.2
Total	24,353	100.0	21,642	100.0	3,492	100.0	1,590	100.0	2,566	100.0	205	100.0	53,848	100.0

Maricopa County 2013 Natality (Birth) Statistics

Table 3.07 Adequacy of Prenatal Care by Race /Ethnicity of Mother Singleton Births Only
(Excludes Twins and Other Multiple Births)

Adequacy of Prenatal Care	Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/ Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Inadequate	1,439	6.1	2,995	14.2	490	14.6	347	22.3	210	8.5	61	31.8	5,542	10.6
Intermediate	2,504	10.7	2,846	13.5	421	12.5	269	17.3	247	10.0	21	10.9	6,308	12.1
Adequate	10,930	46.7	8,971	42.5	1,367	40.7	575	36.9	1,098	44.3	52	27.1	22,993	44.1
Adequate Plus	8,512	36.3	6,262	29.7	1,077	32.0	350	22.5	920	37.1	50	26	17,171	32.9
Information Missing	44	0.2	37	0.2	7	0.2	16	1.0	3	0.1	8	4.2	115	0.2
Total	23,429	100.0	21,111	100.0	3,362	100.0	1,557	100.0	2,478	100.0	192	100.0	52,129	100.0

Note: Please see Technical Note for definition of Adequacy of Prenatal Care

Table 3.08 Birthweight of Infant by Race/Ethnicity of Mother

Birth weight of Infant	Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/ Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1500 Grams	236	1.0	236	1.1	76	2.2	20	1.3	27	1.1	2	1.0	597	1.1
1500-2499 Grams	1,274	5.2	1,231	5.7	312	8.9	92	5.8	187	7.3	15	7.3	3,111	5.8
2500-4249 Grams	21,912	90.0	19,531	90.2	3,024	86.6	1,421	89.4	2,303	89.8	183	88.3	48,374	89.8
>4249 Grams	925	3.8	643	3.0	80	2.3	57	3.6	49	1.9	5	2.4	1,759	3.3
Unknown ¹	6	0.0	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	0.0
Total	24,353	100.0	21,642	100.0	3,492	100.0	1,590	100.0	2,566	100.0	205	100.0	53,848	100.0

¹ "Unknown" code is used for Birth Weight of Infant and Race/Ethnicity category.
Total percentage was rounded for Unknown Birth Weight of Infant category.

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Table 3.09 Preterm Births (Less than 37 Weeks Gestation) by Race/ Ethnicity of Mother

Gestational Estimate	Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/ Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Less than 34 Weeks	532	2.2	555	2.6	141	4.0	47	3.0	59	2.3	13	6.3	1,347	2.5
Late Preterm (34-36 Weeks)	1,501	6.2	1,533	7.1	274	7.8	132	8.3	165	6.4	25	12.2	3,630	6.7
37 Weeks or More	22,319	91.6	19,554	90.4	3,077	88.1	1,411	88.7	2,342	91.3	167	81.5	48,870	90.8
Unknown ¹	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Total	24,353	100.0	21,642	100.0	3,492	100.0	1,590	100.0	2,566	100.0	205	100.0	53,848	100.0

¹ "Unknown" code is used for Gestational Estimate and Race/Ethnicity category.
 Total percentage was rounded for Unknown Gestational Estimate category

Table 3.10 Number and Percent of Births by Medical Risk Factor and Race/Ethnicity of Mother

Medical Risk Factor	Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/ Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
No Medical Risk Present	14,601	60.0	13,770	63.6	1,972	56.5	754	47.4	1,528	59.5	100	48.8	32,725	60.8
Medical Risk Present	9,752	40.0	7,872	36.4	1,520	43.5	836	52.6	1,038	40.5	105	51.2	21,123	39.2
Total	24,353	100.0	21,642	100.0	3,492	100.0	1,590	100.0	2,566	100.0	205	100.0	53,848	100.0

Note: Please see Technical Note for definition of Medical Risk Factor

Maricopa County 2013 Natality (Birth) Statistics

Table 3.11 Number and Percent of Births by Type of Delivery and Race/Ethnicity of Mother

Type of Delivery	Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/ Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Vaginal	17,238	70.8	15,905	73.5	2,378	68.1	1,136	71.4	1,684	65.6	155	75.6	38,496	71.5
Primary C-Section	3,939	16.2	2,827	13.1	580	16.6	215	13.5	496	19.3	34	16.6	8,091	15.0
Repeat C-Section	3,176	13.0	2,910	13.4	534	15.3	239	15.0	386	15.0	16	7.8	7,261	13.5
Total	24,353	100.0	21,642	100.0	3,492	100.0	1,590	100.0	2,566	100.0	205	100.0	53,848	100.0

Table 3.12 Number and Percent of Births by Birth Attendee and Race/ Ethnicity of Mother

Birth Attendee	Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/ Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
M.D.	19,302	79.3	19,374	89.5	3,043	87.1	1,110	69.8	2,205	85.9	168	82.0	45,202	83.9
Certified Nurse Midwife	968	4.0	546	2.5	109	3.1	346	21.8	52	2.0	8	3.9	2,029	3.8
Midwife	388	1.6	59	0.3	13	0.4	6	0.4	13	0.5	4	2.0	483	0.9
D.O.	3,645	15.0	1,635	7.6	322	9.2	121	7.6	295	11.5	20	9.8	6,038	11.2
Other	50	0.2	28	0.1	5	0.1	7	0.4	1	0.0	5	2.4	96	0.2
Total	24,353	100.0	21,642	100.0	3,492	100.0	1,590	100.0	2,566	100.0	205	100.0	53,848	100.0

Maricopa County 2013 Natality (Birth) Statistics

Table 3.13 Number and Percent of Births by Marital Status and Age Group of Mother

Marital Status of Mother	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Married	0	0.0	415	9.9	4,104	32.4	9,583	61.5	9,827	74.0	4,859	74.6	1,013	69.9	85	68.5	1	50.0	29,887	55.5
Single	41	100.0	3,765	89.9	8,457	66.8	5,823	37.4	3,301	24.9	1,570	24.1	388	26.8	28	22.6	1	50.0	23,374	43.4
Refused	0	0.0	9	0.2	76	0.6	94	0.6	85	0.6	43	0.7	24	1.7	2	1.6	0	0.0	333	0.6
Divorced	0	0.0	1	0.0	13	0.1	26	0.2	22	0.2	9	0.1	5	0.3	0	0.0	0	0.0	76	0.1
Unknown	0	0.0	0	0.0	19	0.1	54	0.3	42	0.3	34	0.5	20	1.4	9	7.3	0	0.0	178	0.3
Total	41	100.0	4,190	100.0	12,669	100.0	15,580	100.0	13,277	100.0	6,515	100.0	1,450	100.0	124	100.0	2	100.0	53,848	100.0

Table 3.14 Number and Percent of Births by Educational Level and Age Group of Mother

Educational Level of Mother	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
< 6th Grade	1	2.4	13	0.3	52	0.4	130	0.8	124	0.9	107	1.6	31	2.1	6	4.8	0	0.0	464	0.9
6-11th Grade	40	97.6	1,977	47.2	2,324	18.3	1,949	12.5	1,523	11.5	904	13.9	224	15.4	14	11.3	0	0.0	8,955	16.6
High School Diploma	0	0.0	1,807	43.1	5,419	42.8	4,167	26.7	2,453	18.5	1,136	17.4	264	18.2	18	14.5	0	0.0	15,264	28.3
College+	0	0.0	373	8.9	4,813	38.0	9,247	59.4	9,081	68.4	4,294	65.9	895	61.7	71	57.3	0	0.0	28,774	53.4
Unknown	0	0.0	20	0.5	61	0.5	87	0.6	96	0.7	74	1.1	36	2.5	15	12.1	2	100.0	391	0.7
Total	41	100.0	4,190	100.0	12,669	100.0	15,580	100.0	13,277	100.0	6,515	100.0	1,450	100.0	124	100.0	2	100.0	53,848	100.0

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Table 3.15 Number and Percent of Births by Method of Payment and Age Group of Mother

Method of Payment	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
AHCCCS Medicaid	38	92.7	3,653	87.2	9,192	72.6	7,674	49.3	4,764	35.9	2,406	36.9	563	38.8	55	44.4	1	50.0	28,346	52.6
Indian Health Service	0	0.0	26	0.6	78	0.6	72	0.5	46	0.3	10	0.2	3	0.2	2	1.6	0	0.0	237	0.4
Private Insurance	3	7.3	435	10.4	3,069	24.2	7,288	46.8	7,942	59.8	3,814	58.5	830	57.2	59	47.6	0	0.0	23,440	43.5
Self Pay	0	0.0	66	1.6	309	2.4	519	3.3	510	3.8	274	4.2	52	3.6	8	6.5	0	0.0	1,738	3.2
Unknown	0	0.0	10	0.2	21	0.2	27	0.2	15	0.1	11	0.2	2	0.1	0	0.0	1	50.0	87	0.2
Total	41	100.0	4,190	100.0	12,669	100.0	15,580	100.0	13,277	100.0	6,515	100.0	1,450	100.0	124	100.0	2	100.0	53,848	100.0

Table 3.16 Trimester of First Prenatal Care (PNC) and Age Group of Mother

Trimester of First Prenatal Care	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
No PNC	0	0.0	56	1.3	155	1.2	115	0.7	88	0.7	49	0.8	15	1.0	2	1.6	2	100.0	482	0.9
First	16	39.0	3,116	74.4	10,233	80.8	13,455	86.4	11,777	88.7	5,699	87.5	1,231	84.9	97	78.2	0	0.0	45,624	84.7
Second	15	36.6	798	19.0	1,849	14.6	1,605	10.3	1,126	8.5	625	9.6	155	10.7	18	14.5	0	0.0	6,191	11.5
Third	10	24.4	210	5.0	414	3.3	381	2.4	273	2.1	131	2.0	43	3.0	7	5.6	0	0.0	1,469	2.7
Unknown	0	0.0	10	0.2	18	0.1	24	0.2	13	0.1	11	0.2	6	0.4	0	0.0	0	0.0	82	0.2
Total	41	100.0	4,190	100.0	12,669	100.0	15,580	100.0	13,277	100.0	6,515	100.0	1,450	100.0	124	100.0	2	100.0	53,848	100.0

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Table 3.17 Number and Percent of Prenatal Care Visits by Age Group of Mother

Number of Prenatal Care Visits	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
None	0	0.0	56	1.3	155	1.2	115	0.7	88	0.7	49	0.8	15	1.0	2	1.6	2	100.0	482	0.9
1 to 4	5	12.2	199	4.7	479	3.8	401	2.6	252	1.9	117	1.8	33	2.3	4	3.2	0	0.0	1,490	2.8
5 to 8	15	36.6	735	17.5	1,746	13.8	1,593	10.2	1,233	9.3	610	9.4	139	9.6	11	8.9	0	0.0	6,082	11.3
9 to 12	12	29.3	2,134	50.9	6,197	48.9	7,370	47.3	6,341	47.8	3,066	47.1	613	42.3	62	50.0	0	0.0	25,795	47.9
13 to 16	6	14.6	904	21.6	3,411	26.9	5,060	32.5	4,360	32.8	2,028	31.1	464	32.0	29	23.4	0	0.0	16,262	30.2
17 or More	3	7.3	153	3.7	658	5.2	1,015	6.5	987	7.4	631	9.7	180	12.4	16	12.9	0	0.0	3,643	6.8
Unknown	0	0.0	9	0.2	23	0.2	26	0.2	16	0.1	14	0.2	6	0.4	0	0.0	0	0.0	94	0.2
Total	41	100.0	4,190	100.0	12,669	100.0	15,580	100.0	13,277	100.0	6,515	100.0	1,450	100.0	124	100.0	2	100.0	53,848	100.0

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Table 3.18 Adequacy of Prenatal Care by Age Group of Mother Singleton Births Only
(Excludes Twins and Other Multiple Births)

Adequacy of Prenatal Care	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Other/ Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Inadequate	18	46.2	783	18.9	1,675	13.5	1,411	9.3	982	7.7	516	8.3	138	10.0	17	17.7	2	100.0	5,542	10.6
Intermediate	3	7.7	623	15.1	1,637	13.2	1,741	11.5	1,488	11.7	674	10.9	135	9.8	7	7.3	0	0.0	6,308	12.1
Adequate	7	17.9	1,622	39.2	5,356	43.3	6,875	45.4	5,933	46.5	2,656	42.8	508	36.9	36	37.5	0	0.0	22,993	44.1
Adequate Plus	11	28.2	1,093	26.4	3,682	29.7	5,083	33.6	4,338	34.0	2,339	37.7	589	42.8	36	37.5	0	0.0	17,171	32.9
Information Missing	0	0.0	16	0.4	27	0.2	34	0.2	19	0.1	14	0.2	5	0.4	0	0.0	0	0.0	115	0.2
Total	39	100.0	4,137	100.0	12,377	100.0	15,144	100.0	12,760	100.0	6,199	100.0	1,375	100.0	96	100.0	2	100.0	52,129	100.0

Note: Please see Technical Note for definition of Adequacy of Prenatal Care

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Table 3.19 Birthweight of Infant by Age Group of Mother

Birthweight of Infant	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1500 Grams	1	2.4	55	1.3	153	1.2	150	1.0	148	1.1	66	1.0	23	1.6	1	0.8	0	0.0	597	1.1
1500-2499 Grams	5	12.2	253	6.0	762	6.0	805	5.2	717	5.4	430	6.6	117	8.1	22	17.7	0	0.0	3,111	5.8
2500-4249 Grams	35	85.4	3,814	91.0	11,458	90.4	14,102	90.5	11,884	89.5	5,727	87.9	1,257	86.7	96	77.4	1	50.0	48,374	89.8
>4249 Grams	0	0.0	68	1.6	295	2.3	521	3.3	526	4.0	291	4.5	53	3.7	5	4.0	0	0.0	1,759	3.3
Unknown	0	0.0	0	0.0	1	0.0	2	0.0	2	0.0	1	0.0	0	0.0	0	0.0	1	50.0	7	0.0
Total	41	100.0	4,190	100.0	12,669	100.0	15,580	100.0	13,277	100.0	6,515	100.0	1,450	100.0	124	100.0	2	100.0	53,848	100.0

Table 3.20 Preterm Births (Less Than 37 Weeks Gestation) by Age Group of Mother

Gestational Estimate	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Less than 34 Weeks	3	7.3	104	2.5	324	2.6	364	2.3	326	2.5	171	2.6	46	3.2	8	6.5	1	50.0	1,347	2.5
Late Preterm (34-36 Weeks)	2	4.9	266	6.3	844	6.7	963	6.2	852	6.4	527	8.1	152	10.5	24	19.4	0	0.0	3,630	6.7
37 Weeks or More	36	87.8	3,820	91.2	11,501	90.8	14,252	91.5	12,099	91.1	5,817	89.3	1,252	86.3	92	74.2	1	50.0	48,870	90.8
Unknown	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Total	41	100.0	4,190	100.0	12,669	100.0	15,580	100.0	13,277	100.0	6,515	100.0	1,450	100.0	124	100.0	2	100.0	53,848	100.0

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Table 3.21 Number and Percent of Births by Medical Risk Factor by Age Group of Mother

Medical Risk Factor	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
No Medical Risk Present	13	31.7	2,565	61.2	7,941	62.7	9,957	63.9	8,199	61.8	3,359	51.6	634	43.7	55	44.4	2	100.0	32,725	60.8
Medical Risk Present	28	68.3	1,625	38.8	4,728	37.3	5,623	36.1	5,078	38.2	3,156	48.4	816	56.3	69	55.6	0	0.0	21,123	39.2
Total	41	100.0	4,190	100.0	12,669	100.0	15,580	100.0	13,277	100.0	6,515	100.0	1,450	100.0	124	100.0	2	100.0	53,848	100.0

Note: Please see Technical Note for definition of Medical Risk Factor

Table 3.22 Number and Percent of Births by Birth Attendee by Age Group of Mother

Birth Attendee	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
M.D.	36	87.8	3,659	87.3	10,704	84.5	12,819	82.3	11,025	83.0	5,587	85.8	1,261	87.0	110	88.7	1	50.0	45,202	83.9
Certified Nurse Midwife	3	7.3	170	4.1	513	4.0	646	4.1	481	3.6	185	2.8	29	2.0	2	1.6	0	0.0	2,029	3.8
Midwife	0	0.0	4	0.1	59	0.5	169	1.1	165	1.2	73	1.1	12	0.8	1	0.8	0	0.0	483	0.9
D.O.	2	4.9	353	8.4	1,376	10.9	1,915	12.3	1,578	11.9	657	10.1	146	10.1	11	8.9	0	0.0	6,038	11.2
Other	0	0.0	4	0.1	17	0.1	31	0.2	28	0.2	13	0.2	2	0.1	0	0.0	1	50.0	96	0.2
Total	41	100.0	4,190	100.0	12,669	100.0	15,580	100.0	13,277	100.0	6,515	100.0	1,450	100.0	124	100.0	2	100.0	53,848	100.0

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Table 3.23 Number and Percent of Births by Type of Delivery by Age Group of Mother

Type of Delivery	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Other/ Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Vaginal	36	87.8	3,492	83.3	9,710	76.6	11,307	72.6	9,069	68.3	4,015	61.6	808	55.7	57	46.0	2	100.0	38,496	71.5
Primary C-Section	5	12.2	605	14.4	1,797	14.2	2,164	13.9	2,006	15.1	1,143	17.5	340	23.4	31	25.0	0	0.0	8,091	15.0
Repeat C-Section	0	0.0	93	2.2	1,162	9.2	2,109	13.5	2,202	16.6	1,357	20.8	302	20.8	36	29.0	0	0.0	7,261	13.5
Total	41	100.0	4,190	100.0	12,669	100.0	15,580	100.0	13,277	100.0	6,515	100.0	1,450	100.0	124	100.0	2	100.0	53,848	100.0

Maricopa County 2013 Natality (Birth) Statistics

Table 3.24 Comparisons for Selected Natality Measures

		Maricopa County 2013		Arizona 2013 (Rate or Percent)	U.S. 2012 ¹ (Rate or Percent)	Healthy People 2020 Goal ⁴ (Rate or Percent)
		Number of Individuals	Rate or Percent			
Unlinked Infant Mortality - Rate per 1,000 live births	Neo-natal	195	3.6	3.4	4.0	4.1
	Post-natal	90	1.7	1.9	2.0	2.0
	Total	285	5.3	5.3	6.0	6.0
Low birthweight births (< 2500g) - Percent of live births		3,707	6.9%	6.9%	8.0%	7.8%
Births to teen mothers - Percent of live births	10-14 Years Old	41	0.1%	0.1%	0.1%	-
	15-17 Years Old	1,169	2.2%	2.8%	1.9%	-
	15-19 Years Old	4,190	7.8%	10.2%	6.9%	-
	Total 10-19 Years Old	4,231	7.9%	10.3%	7.0%	-
Maternal Mortality² - Rate per 100,000 live births		5	9.3	11.8	Not Available ³	11.4
Pregnancy-related² Mortality - Rate per 100,000 live births		5	9.3	-	-	-

¹Infant Mortality data are from Final 2012 U.S. data. Birth data was from National Vital Statistical Reports Birth: Prelim Data for 2013.

²Count was suppressed in State report. See Technical Note for explanation of difference between Maternal Mortality and Pregnancy-related Mortality.

³Last data was from 2011 according to WHO

⁴Data not available for “-“

IV. Maricopa County 2013 Communicable Disease Statistics

Maricopa County 2013 Communicable Disease Statistics

Table 4.01a Number of Cases of Selected Reportable Diseases¹ by Race/Ethnicity

Disease		Race/Ethnicity					Other/ Unknown	Total
		White	Hispanic	African American	American Indian	Asian		
Vaccine Preventable	<i>H. influenzae</i> , Invasive Disease ²	1	0	0	0	0	0	1
	Pertussis	218	133	17	9	2	64	443
Central Nervous System	Aseptic Meningitis, Viral	170	54	22	4	5	37	292
	Encephalitis	1	0	0	0	0	0	1
	Meningococcal Invasive Disease	5	1	0	0	0	0	6
Enterics	Amebiasis	3	2	0	0	0	2	7
	Campylobacteriosis	130	67	10	8	1	294	510
	Cryptosporidiosis	16	6	0	0	0	2	24
	<i>E. coli</i> 0157: H7	19	7	1	0	0	3	30
	Giardiasis	32	8	8	1	0	9	58
	Listeriosis	1	1	0	0	0	0	2
	Norovirus ³	1	0	0	0	0	77	78
	<i>Salmonella</i> Paratyphi	1	1	0	0	0	0	2
	Salmonellosis	235	140	20	28	15	50	488
	Shigellosis	49	141	15	7	2	42	256
	Typhoid Fever	0	4	0	1	3	1	9
Mycosis	Coccidioidomycosis ⁴	726	129	91	26	34	3,112	4,118
Zoonoses/ Vectorborne	Brucellosis	0	1	0	0	0	0	1
	Dengue	2	1	0	0	1	0	4
	Lyme Disease	2	0	0	0	0	14	16
	Malaria	1	0	14	0	0	7	22
	West Nile Virus	40	6	1	0	0	5	52
Hepatitides	Hepatitis A	30	4	0	0	4	8	46
	Hepatitis B ⁵	11	5	5	0	0	15	36
Other	Legionellosis	31	3	0	0	0	1	35
	MRSA	47	13	7	8	0	624	699
	RSV ³	100	90	18	83	1	2,273	2,565
	Streptococcal Group A, Invasive	58	19	7	5	0	34	123
	Streptococcal Group B, Invasive ⁶	8	7	3	1	1	5	25
	<i>Streptococcus pneumoniae</i> , Invasive	219	59	26	8	1	137	450
	Toxic Shock Syndrome	1	0	0	0	0	0	1
	<i>Vibrio</i> Infection	6	5	0	0	0	1	12
	Yersiniosis	4	2	0	0	0	2	8
Hansen's Disease	0	0	0	0	0	0	0	
Tuberculosis ³	21	43	7	3	15	0	89	
Sexually Transmitted Diseases	Genital Herpes ³	127	47	31	40	5	112	362
	Gonorrhea ³	1,799	1,338	1,070	264	47	201	4,719
	Syphilis– Primary and Secondary ^{3,7}	101	64	32	8	4	0	209
	Syphilis– All Others ^{3,7}	284	236	103	28	18	0	669
	Chlamydia ³	7,638	6,682	2,403	1,074	250	1,093	19,140
	HIV ³	144	69	124	5	13	3	358
	AIDS ³	56	39	18	7	2	0	122
All Others	123	48	3	6	5	90	275	
Total		12,571	9,573	4,012	1,636	425	8,368	36,363

¹Unless otherwise indicated, numbers represent confirmed and probable cases.

²Beginning in 2012, only *H. influenzae* Type B cases are shown.

³Confirmed cases only.

⁴Race/Ethnicity data is commonly not provided with Coccidioidomycosis reports.

⁵Includes only acute cases.

⁶Streptococcal Group B Invasive disease is only reportable for cases in infants under 90 days.

⁷Symptoms in adults are divided into four stages (primary, secondary, latent, & late syphilis). For more information please visit www.cdc.gov

Maricopa County 2013 Communicable Disease Statistics

Table 4.01b Case Rates per 100,000 Residents for Selected Reportable Diseases¹ by Race/Ethnicity

Disease		Race/Ethnicity						Total
		White	Hispanic	African American	American Indian	Asian	Other/Unknown ⁸	
Vaccine Preventable	<i>H. influenzae</i> , Invasive Disease ²	0.0	0.0	0.0	0.0	0.0	-	0.0
	Pertussis	9.4	11.1	8.6	13.7	1.3	-	11.0
Central Nervous System	Aseptic Meningitis, Viral	7.4	4.5	11.1	6.1	3.2	-	7.3
	Encephalitis	0.0	0.0	0.0	0.0	0.0	-	0.0
	Meningococcal Invasive Disease	0.2	0.1	0.0	0.0	0.0	-	0.1
Enterics	Amebiasis	0.1	0.2	0.0	0.0	0.0	-	0.2
	Campylobacteriosis	5.6	5.6	5.1	12.2	0.6	-	12.7
	Cryptosporidiosis	0.7	0.5	0.0	0.0	0.0	-	0.6
	<i>E. coli</i> O157: H7	0.8	0.6	0.5	0.0	0.0	-	0.7
	Giardiasis	1.4	0.7	4.1	1.5	0.0	-	1.4
	Listeriosis	0.0	0.1	0.0	0.0	0.0	-	0.0
	Norovirus ³	0.0	0.0	0.0	0.0	0.0	-	1.9
	<i>Salmonella</i> Paratyphi	0.0	0.1	0.0	0.0	0.0	-	0.0
	Salmonellosis	10.2	11.6	10.1	42.5	9.6	-	12.2
	Shigellosis	2.1	11.7	7.6	10.6	1.3	-	6.4
	Typhoid Fever	0.0	0.3	0.0	1.5	1.9	-	0.2
Mycosis	Coccidioidomycosis ⁴	31.5	10.7	46.1	39.5	21.7	-	102.7
Zoonoses/ Vectorborne	Brucellosis	0.0	0.1	0.0	0.0	0.0	-	0.0
	Dengue	0.1	0.1	0.0	0.0	0.6	-	0.1
	Lyme Disease	0.1	0.0	0.0	0.0	0.0	-	0.4
	Malaria	0.0	0.0	7.1	0.0	0.0	-	0.5
	West Nile Virus	1.7	0.5	0.5	0.0	0.0	-	1.3
Hepatitides	Hepatitis A	1.3	0.3	0.0	0.0	2.6	-	1.1
	Hepatitis B ⁵	0.5	0.4	2.5	0.0	0.0	-	0.9
Other	Legionellosis	1.3	0.2	0.0	0.0	0.0	-	0.9
	MRSA	2.0	1.1	3.5	12.2	0.0	-	17.4
	RSV ³	4.3	7.5	9.1	126.1	0.6	-	64.0
	Streptococcal Group A, Invasive	2.5	1.6	3.5	7.6	0.0	-	3.1
	Streptococcal Group B, Invasive ⁶	0.3	0.6	1.5	1.5	0.6	-	0.6
	<i>Streptococcus pneumoniae</i> , Invasive	9.5	4.9	13.2	12.2	0.6	-	11.2
	Toxic Shock Syndrome	0.0	0.0	0.0	0.0	0.0	-	0.0
	<i>Vibrio</i> Infection	0.3	0.4	0.0	0.0	0.0	-	0.3
	Yersiniosis	0.2	0.2	0.0	0.0	0.0	-	0.2
	Hansen's Disease	0.0	0.0	0.0	0.0	0.0	-	0.8
Tuberculosis ³		0.9	3.6	3.5	4.6	9.6	-	2.2
Sexually Transmitted Diseases	Genital Herpes ³	5.5	3.9	15.7	60.8	3.2	-	9.0
	Gonorrhea ³	78.0	111.2	542.1	401.1	30.0	-	117.7
	Syphilis— Primary and Secondary ^{3,7}	4.4	5.3	16.2	12.2	2.6	-	5.2
	Syphilis— All Others ^{3,7}	12.3	19.6	52.2	42.5	11.5	-	16.7
	Chlamydia ³	331.0	555.3	1,217.4	1,631.8	159.4	-	477.4
	HIV ³	6.2	5.7	62.8	7.6	8.3	-	8.9
AIDS ³	2.4	3.2	9.1	10.6	1.3	-	3.0	
All Others		5.3	4.0	1.5	9.1	3.2	-	6.9
Total		544.8	795.6	2,032.5	2,485.6	271.0	-	906.9

¹Unless otherwise indicated, numbers represent confirmed and probable cases.

²Beginning in 2012, only *H. influenzae* Type B cases are shown.

³Confirmed cases only.

⁴Race/Ethnicity data is commonly not provided with Coccidioidomycosis reports.

⁵Includes only acute cases.

⁶Streptococcal Group B Invasive disease is only reportable for cases in infants under 90 days.

⁷Symptoms in adults are divided into four stages (primary, secondary, latent, & late syphilis). For more information please visit www.cdc.gov

⁸Rates for the Other/Unknown group were not calculated as population estimates for this group were not available from the US Census

Maricopa County 2013 Communicable Disease Statistics
Table 4.02a Number of Cases of Selected Reportable Diseases¹ by Age Group

Disease		Age Group												Other/ Unk	Total
		<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-84	85+		
Vaccine Preventable	<i>H. influenzae</i> , Invasive Disease ²	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	Pertussis	71	57	54	80	42	14	30	35	27	13	11	0	9	443
Central Nervous System	Aseptic Meningitis, Viral	25	4	11	11	11	22	48	46	43	22	33	1	15	292
	Encephalitis	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	Meningococcal Invasive Disease	0	0	0	0	0	0	2	0	0	1	1	2	0	6
Enterics	Amebiasis	0	0	1	0	0	0	0	1	2	1	2	0	0	7
	Campylobacteriosis	15	70	44	33	19	38	59	56	62	52	56	6	0	510
	Cryptosporidiosis	0	7	0	0	2	1	0	6	3	2	3	0	0	24
	<i>E. coli</i> 0157: H7	1	10	7	0	3	1	2	1	1	1	3	0	0	30
	Giardiasis	1	9	5	3	0	1	10	10	8	4	7	0	0	58
	Listeriosis	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	Norovirus ³	0	1	0	2	1	3	5	6	7	10	27	15	1	78
	<i>Salmonella</i> Paratyphi	0	0	0	0	0	0	0	0	0	2	0	0	0	2
	Salmonellosis	39	70	55	35	32	33	42	33	42	42	55	6	4	488
	Shigellosis	4	84	61	18	12	7	32	13	12	6	5	1	1	256
	Typhoid Fever	0	1	0	3	0	0	3	2	0	0	0	0	0	9
Mycosis	Coccidioidomycosis ⁴	1	10	59	108	170	199	528	551	685	699	913	150	45	4,118
Zoonoses/ Vectorborne	Brucellosis	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	Dengue	0	0	0	0	1	1	1	0	0	1	0	0	0	4
	Lyme Disease	0	0	1	4	0	0	2	0	2	2	5	0	0	16
	Malaria	0	0	0	2	0	3	4	7	3	2	1	0	0	22
	West Nile Virus	0	0	0	0	1	4	3	5	8	15	13	3	0	52
Hepatitides	Hepatitis A	0	0	0	0	1	6	9	8	10	6	6	0	0	46
	Hepatitis B ⁵	0	1	0	0	2	2	5	8	14	2	2	0	0	36
Other	Legionellosis	0	0	1	0	0	1	1	3	2	6	14	7	0	35
	MRSA	5	5	4	0	3	13	34	45	120	139	233	78	20	699
	RSV ³	1,645	653	58	12	8	3	9	9	20	23	37	16	72	2,565
	Streptococcal Group A, Invasive	1	6	7	2	1	2	9	16	19	21	32	7	0	123
	Streptococcal Group B, Invasive ⁶	25	0	0	0	0	0	0	0	0	0	0	0	0	25
	<i>Streptococcus pneumoniae</i> , Invasive	7	14	6	4	5	4	25	38	79	101	132	34	1	450
	Toxic Shock Syndrome	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	<i>Vibrio</i> Infection	0	0	1	0	0	0	4	2	3	1	1	0	0	12
	Yersiniosis	1	0	0	0	1	2	2	0	0	0	2	0	0	8
	Hansen's Disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tuberculosis³	0	2	1	2	6	10	10	12	14	11	18	3	0	89	
All Others	11	30	71	57	16	8	13	11	16	15	19	2	6	275	
Total	1,860	1,064	458	388	358	389	922	956	1,217	1,218	1,666	341	189	10,784	

¹Unless otherwise indicated, numbers represent confirmed and probable cases.

²Beginning in 2012, only *H. influenzae* Type B cases are shown.

³Confirmed cases only.

⁴Race/Ethnicity data is commonly not provided with Coccidioidomycosis reports.

⁵Includes only acute cases.

⁶Streptococcal Group B Invasive disease is only reportable for cases in infants under 90 days.

Maricopa County 2013 Communicable Disease Statistics

Table 4.02b Case Rates per 100,000 Residents for Selected Reportable Diseases¹ by Age Group

Disease		Age Group											Total	
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-84	85+		Other/
Vaccine Preventable	<i>H. influenzae</i> , Invasive Disease ²	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
	Pertussis	47.1	18.7	27.9	15.4	4.9	5.3	6.5	5.2	3.0	2.3	0.0	-	11.0
Central Nervous System	Aseptic Meningitis, Viral	10.7	3.8	3.8	4.0	7.7	8.5	8.5	8.3	5.0	7.0	1.5	-	7.3
	Encephalitis	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
	Meningococcal Invasive Disease	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.2	0.2	3.0	-	0.1
Enterics	Amebiasis	0.0	0.3	0.0	0.0	0.0	0.0	0.2	0.4	0.2	0.4	0.0	-	0.2
	Campylobacteriosis	31.3	15.2	11.5	6.9	13.3	10.4	10.4	11.9	11.8	11.9	8.9	-	12.7
	Cryptosporidiosis	2.6	0.0	0.0	0.7	0.4	0.0	1.1	0.6	0.5	0.6	0.0	-	0.6
	<i>E. coli</i> 0157: H7	4.0	2.4	0.0	1.1	0.4	0.4	0.2	0.2	0.2	0.6	0.0	-	0.7
	Giardiasis	3.7	1.7	1.0	0.0	0.4	1.8	1.9	1.5	0.9	1.5	0.0	-	1.4
	Listeriosis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.5	-	0.0
	Norovirus ³	0.4	0.0	0.7	0.4	1.1	0.9	1.1	1.3	2.3	5.7	22.3	-	1.9
	<i>Salmonella</i> Paratyphi	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	-	0.0
	Salmonellosis	40.1	19.0	12.2	11.7	11.6	7.4	6.1	8.1	9.6	11.7	8.9	-	12.2
	Shigellosis	32.4	21.1	6.3	4.4	2.5	5.6	2.4	2.3	1.4	1.1	1.5	-	6.4
	Typhoid Fever	0.4	0.0	1.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	-	0.2
Mycosis	Coccidioidomycosis ⁴	4.0	20.4	37.7	62.2	69.7	93.0	102.4	131.7	159.2	193.9	222.9	-	102.7
Zoonoses/ Vectorborne	Brucellosis	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
	Dengue	0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.2	0.0	0.0	-	0.1
	Lyme Disease	0.0	0.3	1.4	0.0	0.0	0.4	0.0	0.4	0.5	1.1	0.0	-	0.4
	Malaria	0.0	0.0	0.7	0.0	1.1	0.7	1.3	0.6	0.5	0.2	0.0	-	0.5
	West Nile Virus	0.0	0.0	0.0	0.4	1.4	0.5	0.9	1.5	3.4	2.8	4.5	-	1.3
Hepatitides	Hepatitis A	0.0	0.0	0.0	0.4	2.1	1.6	1.5	1.9	1.4	1.3	0.0	-	1.1
	Hepatitis B ⁵	0.4	0.0	0.0	0.7	0.7	0.9	1.5	2.7	0.5	0.4	0.0	-	0.9
Other	Legionellosis	0.0	0.3	0.0	0.0	0.4	0.2	0.6	0.4	1.4	3.0	10.4	-	0.9
	MRSA	3.7	1.4	0.0	1.1	4.6	6.0	8.4	23.1	31.7	49.5	115.9	-	17.4
	RSV ³	845.4	20.1	4.2	2.9	1.1	1.6	1.7	3.8	5.2	7.9	23.8	-	64.0
	Streptococcal Group A, Invasive	2.6	2.4	0.7	0.4	0.7	1.6	3.0	3.7	4.8	6.8	10.4	-	3.1
	Streptococcal Group B, Invasive ⁶	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.6
	<i>Streptococcus pneumoniae</i> , Invasive	7.7	2.1	1.4	1.8	1.4	4.4	7.1	15.2	23.0	28.0	50.5	-	11.2
	Toxic Shock Syndrome	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
	<i>Vibrio</i> Infection	0.0	0.3	0.0	0.0	0.0	0.7	0.4	0.6	0.2	0.2	0.0	-	0.3
	Yersiniosis	0.4	0.0	0.0	0.4	0.7	0.4	0.0	0.0	0.0	0.4	0.0	-	0.2
Hansen's Disease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	
Tuberculosis ³	0.7	0.3	0.7	2.2	3.5	1.8	2.2	2.7	2.5	3.8	4.5	-	2.2	
All Others	15.1	24.5	19.9	5.9	2.8	2.3	2.0	3.1	3.4	4.0	3.0	-	6.9	
Total	1,075.7	158.4	135.4	130.9	136.3	162.4	177.7	234.1	277.4	353.9	506.6	-	269.0	

¹Unless otherwise indicated, numbers represent confirmed and probable cases.

²Beginning in 2012, only *H. influenzae* Type B cases are shown.

³Confirmed cases only.

⁴Race/Ethnicity data is commonly not provided with Coccidioidomycosis reports.

⁵Includes only acute cases.

⁶Streptococcal Group B Invasive disease is only reportable for cases in infants under 90 days.

⁷Rates for the Other/Unknown group were not calculated as population estimates for this group were not available from the US Census

Maricopa County 2013 Communicable Disease Statistics

Table 4.02c Number of Cases of Selected Reportable Sexually Transmitted Diseases¹ by Age Group

Disease		Age Group											Total
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Other/ Unknown	
Sexually Transmitted Diseases	Genital Herpes	1	1	1	23	73	118	74	40	21	10	0	362
	Gonorrhea	3	3	24	810	1,528	1,428	573	263	75	12	0	4,719
	Syphilis– Primary and Secondary ²	0	0	0	7	52	74	31	34	11	0	0	209
	Syphilis– All Others ²	10	0	0	23	114	235	134	106	40	7	0	669
	Chlamydia	1	0	83	4,640	7,559	5,112	1,258	395	66	26	0	19,140
	HIV	1	2	0	16	90	118	72	37	20	2	0	358
	AIDS	0	0	0	0	8	35	35	28	13	3	0	122
Total		16	6	108	5,519	9,424	7,120	2,177	903	246	60	0	25,579

¹Numbers represent confirmed cases only

²Symptoms in adults are divided into four stages (primary, secondary, latent, & late syphilis). For more information please visit www.cdc.gov

Table 4.02d Case Rates per 100,000 Residents for Selected Reportable Sexually Transmitted Diseases¹ by Age Group

Disease		Age Group											Total
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Other/ Unknown ³	
Sexually Transmitted Diseases	Genital Herpes	0.4	0.3	0.3	8.4	25.6	20.8	13.8	7.7	4.8	1.9	-	9.0
	Gonorrhea	1.1	1.0	8.4	296.2	535.3	251.5	106.5	50.6	17.1	2.2	-	117.7
	Syphilis– Primary and Secondary ²	0.0	0.0	0.0	2.6	18.2	13.0	5.8	6.5	2.5	0.0	-	5.2
	Syphilis– All Others ²	3.7	0.0	0.0	8.4	39.9	41.4	24.9	20.4	9.1	1.3	-	16.7
	Chlamydia	0.4	0.0	29.0	1,696.8	2,648.2	900.4	233.8	76.0	15.0	4.8	-	477.4
	HIV	0.4	0.7	0.0	5.9	31.5	20.8	13.4	7.1	4.6	0.4	-	8.9
	AIDS	0.0	0.0	0.0	0.0	2.8	6.2	6.5	5.4	3.0	0.6	-	3.0
Total		5.9	2.1	37.7	2,018.2	3,301.6	1,254.1	404.6	173.7	56.0	11.2	-	638.0

¹Numbers represent confirmed cases only

²Symptoms in adults are divided into four stages (primary, secondary, latent, & late syphilis). For more information please visit www.cdc.gov

³Rates for the Other/Unknown group were not calculated as population estimates for this group were not available from the US Census

Maricopa County 2013 Communicable Disease Statistics

Table 4.03a Number of Cases of Selected Reportable Diseases¹ by Sex

Disease		Gender			Total
		Female	Male	Other/Unknown	
Vaccine Preventable	<i>H. influenzae</i> , Invasive Disease ²	0	1	0	1
	Pertussis	247	196	0	443
Central Nervous System	Aseptic Meningitis, Viral	153	139	0	292
	Encephalitis	1	0	0	1
	Meningococcal Invasive Disease	4	2	0	6
Enterics	Amebiasis	1	6	0	7
	Campylobacteriosis	223	276	11	510
	Cryptosporidiosis	7	17	0	24
	<i>E. coli</i> 0157:H7	14	16	0	30
	Giardiasis	19	39	0	58
	Listeriosis	2	0	0	2
	Norovirus ³	42	36	0	78
	<i>Salmonella</i> Paratyphi	0	2	0	2
	Salmonellosis	277	210	1	488
	Shigellosis	131	125	0	256
	Typhoid Fever	4	5	0	9
Mycosis	Coccidioidomycosis ⁴	2,149	1,945	24	4,118
Zoonoses/ Vectorborne	Brucellosis	0	1	0	1
	Dengue	2	2	0	4
	Lyme Disease	3	13	0	16
	Malaria	8	14	0	22
	West Nile Virus	23	29	0	52
Hepatitides	Hepatitis A	30	16	0	46
	Hepatitis B	14	22	0	36
Other	Legionellosis	16	19	0	35
	MRSA	272	402	25	699
	RSV ³	822	915	828	2,565
	Streptococcal Group A, Invasive	62	60	1	123
	Streptococcal Group B, Invasive ⁵	11	14	0	25
	<i>Streptococcus pneumoniae</i> , Invasive	201	246	3	450
	Toxic Shock Syndrome	1	0	0	1
	<i>Vibrio</i> Infection	2	10	0	12
	Yersiniosis	5	3	0	8
Hansen's Disease	0	0	0	0	
Tuberculosis ³		35	54	0	89
Sexually Transmitted Diseases	Genital Herpes ³	265	97	0	362
	Gonorrhea ³	2,190	2,529	0	4,719
	Syphilis– Primary and Secondary ^{3,7}	21	188	0	209
	Syphilis– All Others ^{3,7}	151	518	0	669
	Chlamydia ³	13,469	5,671	0	19,140
	HIV ³	44	314	0	358
	AIDS ³	18	104	0	122
All Others		109	160	6	275
Total		4,964	5,043	899	36,363

¹Unless otherwise indicated, numbers represent confirmed and probable cases.

²Beginning in 2012, only *H. influenzae* Type B cases are shown.

³Confirmed cases only.

⁴Race/Ethnicity data is commonly not provided with Coccidioidomycosis reports.

⁵Includes only acute cases.

⁶Streptococcal Group B Invasive disease is only reportable for cases in infants under 90 days.

⁷Symptoms in adults are divided into four stages (primary, secondary, latent, & late syphilis). For more information please visit www.cdc.gov

Maricopa County 2013 Communicable Disease Statistics

Table 4.03b Case Rates per 100,000 Residents for Selected Reportable Diseases¹ by Sex

Disease		Gender			Total
		Female	Male	Other/Unknown ⁸	
Vaccine Preventable	<i>H. influenzae</i> , Invasive Disease ²	0.0	0.1	-	0.0
	Pertussis	12.2	9.9	-	11.0
Central Nervous System	Aseptic Meningitis, Viral	7.6	7.0	-	7.3
	Encephalitis	0.0	0.0	-	0.0
	Meningococcal Invasive Disease	0.2	0.1	-	0.1
Enterics	Amebiasis	0.0	0.3	-	0.2
	Campylobacteriosis	11.0	13.9	-	12.7
	Cryptosporidiosis	0.3	0.9	-	0.6
	<i>E. coli</i> 0157:H7	0.7	0.8	-	0.7
	Giardiasis	0.9	2.0	-	1.4
	Listeriosis	0.1	0.0	-	0.0
	Norovirus ³	2.1	1.8	-	1.9
	<i>Salmonella</i> Paratyphi	0.0	0.1	-	0.0
	Salmonellosis	13.7	10.6	-	12.2
	Shigellosis	6.5	6.3	-	6.4
	Typhoid Fever	0.2	0.3	-	0.2
Mycosis	Coccidioidomycosis ⁴	106.1	98.0	-	102.7
Zoonoses/ Vectorborne	Brucellosis	0.0	0.1	-	0.0
	Dengue	0.1	0.1	-	0.1
	Lyme Disease	0.1	0.7	-	0.4
	Malaria	0.4	0.7	-	0.5
	West Nile Virus	1.1	1.5	-	1.3
Hepatitides	Hepatitis A	1.5	0.8	-	1.1
	Hepatitis B	0.7	1.1	-	0.9
Other	Legionellosis	0.8	1.0	-	0.9
	MRSA	13.4	20.3	-	17.4
	RSV ³	40.6	46.1	-	64.0
	Streptococcal Group A, Invasive	3.1	3.0	-	3.1
	Streptococcal Group B, Invasive ⁵	0.5	0.7	-	0.6
	<i>Streptococcus pneumoniae</i> , Invasive	9.9	12.4	-	11.2
	Toxic Shock Syndrome	0.0	0.0	-	0.0
	<i>Vibrio</i> Infection	0.1	0.5	-	0.3
	Yersiniosis	0.2	0.2	-	0.2
	Hansen's Disease	0.0	0.0	-	0.0
Tuberculosis ³	1.7	2.7	-	2.2	
Sexually Transmitted Diseases	Genital Herpes ³	13.1	4.9	-	9.0
	Gonorrhea ³	108.1	127.5	-	117.7
	Syphilis– Primary and Secondary ^{3,7}	1.0	9.5	-	5.2
	Syphilis– All Others ^{3,7}	7.5	26.1	-	16.7
	Chlamydia ³	665.1	285.8	-	477.4
	HIV ³	2.2	15.8	-	8.9
AIDS ³	0.9	5.2	-	3.0	
All Others	5.4	8.1	-	6.9	
Total	245.1	254.2	-	906.9	

¹Unless otherwise indicated, numbers represent confirmed and probable cases.

²Beginning in 2012, only *H. influenzae* Type B cases are shown.

³Confirmed cases only.

⁴Race/Ethnicity data is commonly not provided with Coccidioidomycosis reports.

⁵Includes only acute cases.

⁶Streptococcal Group B Invasive disease is only reportable for cases in infants under 90 days.

⁷Symptoms in adults are divided into four stages (primary, secondary, latent, & late syphilis). For more information please visit www.cdc.gov

⁸Rates for the Unknown/Other group were not calculated as population estimates for this group were not available from the US Census

Maricopa County 2013 Communicable Disease Statistics

Table 4.04 Case Rate Comparisons to Arizona, U.S. and Healthy People 2020 Goals for Selected Diseases¹

Disease	2013 Maricopa County		Crude Case Rate (Cases per 100,000 Residents)		
	Number of cases	Crude Case Rate (Cases per 100,000 Residents)	Arizona 2013	U.S. 2012	Healthy People 2020 Goal ⁴
Salmonellosis	488	12.2	15.3	16.4	11.4
AIDS ²	122	3.0	2.68	-	-
HIV ²	358	8.9	11.1	17.9	-
Tuberculosis ²	89	2.2	4.5	3.2	1.0
Hepatitis B (Acute)	36	0.9	4.3	0.9	-
Hepatitis A	46	1.1	4.2	0.5	-
Syphilis- Primary and Secondary ^{2,3}	209	5.2	3.1	5.0	-
Pertussis	443	11.0	21.7	15.4	-
Rubella	0	0.0	0.0	0.0	0.0
Mumps	0	0.0	0.0	0.07	0.0
Measles	0	0.0	0.0	0.2	0.0

¹Unless otherwise indicated, numbers represent confirmed and probable cases

²Confirmed cases only

³Symptoms in adults are divided into four stages (primary, secondary, latent, & late syphilis). For more information please visit www.cdc.gov

⁴Not all morbidities being compared in this table are outlined in the Healthy People 2020 goals

V. Maricopa County 2013 Hospital Discharge Statistics

Maricopa County 2013 Hospital Discharge Statistics

Table 5.01 Number of Inpatient Discharges by Age Group and Race/Ethnicity

Age Group	Number of Discharge by Race/Ethnicity						Total
	White	Hispanic	African American	American Indian	Asian	Other/Unknown	
0-4	5,118	5,231	976	545	244	231	12,345
5-9	1,721	1,589	340	136	49	59	3,894
10-14	1,863	1,331	310	101	36	61	3,702
15-19	3,158	2,059	598	135	116	116	6,182
20-24	4,800	2,692	822	264	165	158	8,901
25-34	12,215	5,660	2,182	785	301	272	21,415
35-44	16,711	7,104	2,627	912	545	358	28,257
45-54	28,263	8,418	3,596	1,132	618	466	42,493
55-64	38,536	8,015	3,582	901	768	564	52,366
65-74	45,585	6,445	2,267	483	842	506	56,128
75-84	38,762	4,149	1,336	232	650	433	45,562
85+	23,833	1,652	529	83	283	187	26,567
Unknown	2	2	0	0	0	0	4
Total	220,567	54,347	19,165	5,709	4,617	3,411	307,816

Note: Pregnant women, newborns, and Long Term Acute Care Hospitals and Rehabilitation Hospital Admissions excluded

Maricopa County 2013 Hospital Discharge Statistics

Table 5.02 Number of Inpatient Discharges by Age Group and Sex

Age	Sex			Total
	Male	Female	Other/ Unknown	
0-4	6,930	5,415	0	12,345
5-9	2,286	1,608	0	3,894
10-14	1,887	1,815	0	3,702
15-19	3,153	3,029	0	6,182
20-24	4,598	4,303	0	8,901
25-34	10,564	10,851	0	21,415
35-44	13,396	14,861	0	28,257
45-54	21,326	21,166	1	42,493
55-64	26,887	25,479	0	52,366
65-74	27,453	28,675	0	56,128
75-84	21,405	24,157	0	45,562
85+	10,144	16,423	0	26,567
Unknown	3	1	0	4
Total	150,032	157,783	1	307,816

Note: Pregnant women, newborns, and Long Term Acute Care Hospitals and Rehabilitation Hospital Admissions excluded

Maricopa County 2013 Hospital Discharge Statistics

Table 5.03 Number and Percent of Inpatient Discharges by Sex and Payer Type

Payer Group	Gender						Total	
	Male		Female		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%
Self Pay	15,302	10.2	9,789	6.2	1	100.0	25,092	8.2
Private Insurance	38,151	25.4	39,393	25.0	0	0.0	77,544	25.2
Medicare	67,850	45.2	78,890	50.0	0	0.0	146,740	47.7
AHCCCS Medicaid	22,360	14.9	25,779	16.3	0	0.0	48,139	15.6
Other	6,369	4.2	3,932	2.5	0	0.0	10,301	3.3
Total	150,032	100.0	157,783	100.0	1	100.0	307,816	100.0

Note: Pregnant women, newborns, and Long Term Acute Care Hospitals and Rehabilitation Hospital Admissions excluded

Maricopa County 2013 Hospital Discharge Statistics

Table 5.04a Selected Primary Diagnosis Groups by Race/Ethnicity
Number of Inpatient Discharges

Primary Diagnosis		Race/Ethnicity						Total
		White	Hispanic	African American	American Indian	Asian	Other/Unknown	
Infectious and Parasitic Diseases	Other Infectious and Parasitic Diseases	4,320	1,507	530	125	124	63	6,669
	Septicemia	12,364	3,695	915	424	290	185	17,873
	All	16,684	5,202	1,445	549	414	248	24,542
Neoplasms	Neoplasms - Other	521	106	39	5	14	9	694
	Neoplasms - Other Malignant	5,817	1,134	338	63	173	91	7,616
	Malignant Neoplasm of Large Intestine & Rectum	1,031	165	68	9	24	11	1,308
	Malignant Neoplasm of Trachea, Bronchus & Lung	1,067	102	85	8	28	15	1,305
	Malignant Neoplasm of Breast	468	56	24	2	20	6	576
	Neoplasms - Benign	1,599	547	288	35	80	53	2,602
	All	10,503	2,110	842	122	339	185	14,101
Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	Other Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	4,853	1,433	589	189	137	72	7,273
	Diabetes Mellitus	3,635	1,700	569	219	66	57	6,246
	Volume Depletion (<i>dehydration</i>)	145	24	11	0	0	2	182
	All	8,633	3,157	1,169	408	203	131	13,701
Diseases of the Blood and Blood-forming Organs	Diseases of the Blood and Blood-forming Organs	2,397	788	787	63	81	55	4,171
	All	2,397	788	787	63	81	55	4,171
Mental Disorders	Other Mental Disorders	1,329	344	121	44	16	26	1,880
	Psychoses	7,541	1,412	852	199	100	177	10,281
	Alcohol Dependence Syndrome	331	50	15	28	2	3	429
	All	9,201	1,806	988	271	118	206	12,590
Diseases of the Nervous System and Sense Organs	Diseases of the Nervous System and Sense Organs	6,401	1,762	665	219	147	140	9,334
	All	6,401	1,762	665	219	147	140	9,334

(Continued on next page)

Maricopa County 2013 Hospital Discharge Statistics

(Table 5.04a Continued)

Primary Diagnosis		Race/Ethnicity						Total
		White	Hispanic	African American	American Indian	Asian	Other/Unknown	
Diseases of the Circulatory System	Other Diseases of the Circulatory System	6,235	1,387	820	117	131	67	8,757
	Heart Disease	8,879	1,503	988	137	143	119	11,769
	Acute Myocardial Infarction	4,136	756	276	50	78	64	5,360
	Coronary Atherosclerosis	2,802	458	150	30	73	32	3,545
	Other Ischemic Heart Disease	161	29	8	1	7	3	209
	Cardiac Dysrhythmias	6,858	767	293	63	78	67	8,126
	Congestive Heart Failure	672	96	68	12	20	7	875
	Cerebrovascular Disease	7,112	1,192	519	76	152	105	9,156
	All	36,855	6,188	3,122	486	682	464	47,797
Diseases of the Respiratory System	Other Diseases of the Respiratory System	7,957	1,962	694	198	183	133	11,127
	Acute Bronchitis and Bronchiolitis	1,171	1,000	202	88	45	32	2,538
	Pneumonia	6,323	1,577	489	188	139	86	8,802
	Chronic Bronchitis	4,086	318	238	14	37	25	4,718
	Asthma	1,998	914	579	101	62	35	3,689
	All	21,535	5,771	2,202	589	466	311	30,874
Diseases of the Digestive System	Other Diseases of the Digestive System	22,108	6,552	1,664	650	438	268	31,680
	Appendicitis	1,626	1,129	131	40	67	39	3,032
	Noninfectious Enteritis and Colitis	2,614	581	202	44	43	46	3,530
	Cholelithiasis	506	250	23	73	16	6	874
	All	26,854	8,512	2,020	807	564	359	39,116
Diseases of the Genitourinary System	Other Diseases of the Genitourinary System	10,946	3,336	1,013	303	262	165	16,025
	Calculus of Kidney and Ureter	2,026	434	83	24	45	21	2,633
	All	12,972	3,770	1,096	327	307	186	18,658
Diseases of the Skin and Subcutaneous Tissue	Other Diseases of the Skin and Subcutaneous Tissue	711	245	101	23	23	13	1,116
	Cellulitis and Abscess	5,960	1,695	381	232	84	47	8,399
	All	6,671	1,940	482	255	107	60	9,515
Diseases of the Musculoskeletal System and Connective Tissue	Other - Diseases of the Musculoskeletal System and Connective Tissue	7,073	1,298	504	143	122	119	9,259
	Osteoarthritis and Allied Disorders	11,054	827	371	79	100	144	12,574
	Intervertebral Disc Disorders	2,265	325	110	30	50	46	2,826
	All	20,392	2,450	985	252	272	309	24,660

(Continued on next page)

Maricopa County 2013 Hospital Discharge Statistics

(Table 5.04a Continued)

Primary Diagnosis		Race/Ethnicity						Total
		White	Hispanic	African American	American Indian	Asian	Other/Unknown	
Congenital Anomalies	Congenital Anomalies	884	458	75	55	17	36	1,525
	All	884	458	75	55	17	36	1,525
Certain Conditions Originating in the Perinatal Period	Certain Conditions Originating in the Perinatal Period	714	637	117	57	56	46	1,627
	All	714	637	117	57	56	46	1,627
Symptoms, Signs, and Ill-defined Conditions	Other Symptoms, Signs, and Ill-defined Conditions	8,765	2,416	959	240	208	119	12,707
	All	8,765	2,416	959	240	208	119	12,707
Injury and Poisoning	Injury and Poisoning	14,534	3,671	1,284	548	294	266	20,597
	Fractures, all Sites	6,543	1,755	384	237	121	153	9,193
	Fracture of Neck of Femur	3,209	276	44	32	40	25	3,626
	Poisonings	3,029	734	258	106	56	50	4,233
	All	27,315	6,436	1,970	923	511	494	37,649
Other Healthcare Encounters	Other Healthcare Encounters	1,798	668	101	51	84	24	2,726
	Rehab Services	1,993	276	140	35	41	38	2,523
	All	3,791	944	241	86	125	62	5,249
Total		220,567	54,347	19,165	5,709	4,617	3,411	307,816

Note: Pregnant women, newborns, Long Term Acute Care Hospitals and Rehabilitation Hospital Admissions excluded

Maricopa County 2013 Hospital Discharge Statistics

Table 5.04b Selected Primary Diagnosis Groups by Race/Ethnicity—Crude Inpatient Discharge Rates per 100,000 Residents

Primary Diagnosis		Race/Ethnicity						Total
		White	Hispanic	African American	American Indian	Asian	Other/Unknown*	
Infectious and Parasitic Diseases	Other Infectious and Parasitic Diseases	187.2	125.2	268.5	189.9	79.1	-	166.3
	Septicemia	535.8	307.1	463.5	644.2	184.9	-	445.8
	All	723.0	432.3	732.1	834.1	264.0	-	612.1
Neoplasms	Neoplasms - Other	22.6	8.8	19.8	7.6	8.9	-	17.3
	Neoplasms - Other Malignant	252.1	94.2	171.2	95.7	110.3	-	190.0
	Malignant Neoplasm of Large Intestine & Rectum	44.7	13.7	34.4	13.7	15.3	-	32.6
	Malignant Neoplasm of Trachea, Bronchus & Lung	46.2	8.5	43.1	12.2	17.9	-	32.5
	Malignant Neoplasm of Breast	20.3	4.7	12.2	3.0	12.8	-	14.4
	Neoplasms - Benign	69.3	45.5	145.9	53.2	51.0	-	64.9
	All	455.1	175.4	426.6	185.4	216.2	-	351.7
Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	Other Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	210.3	119.1	298.4	287.2	87.4	-	181.4
	Diabetes Mellitus	157.5	141.3	288.3	332.7	42.1	-	155.8
	Volume Depletion (<i>dehydration</i>)	6.3	2.0	5.6	0.0	0.0	-	4.5
	All	374.1	262.4	592.2	619.9	129.4	-	341.7
Diseases of the Blood and Blood-forming Organs	Diseases of the Blood and Blood-forming Organs	103.9	65.5	398.7	95.7	51.6	-	104.0
	All	103.9	65.5	398.7	95.7	51.6	-	104.0
Mental Disorders	Other Mental Disorders	57.6	28.6	61.3	66.9	10.2	-	46.9
	Psychoses	326.8	117.4	431.6	302.3	63.8	-	256.4
	Alcohol Dependence Syndrome	14.3	4.2	7.6	42.5	1.3	-	10.7
	All	398.7	150.1	500.5	411.7	75.2	-	314.0
Diseases of the Nervous System and Sense Organs	Diseases of the Nervous System and Sense Organs	277.4	146.4	336.9	332.7	93.7	-	232.8
	All	277.4	146.4	336.9	332.7	93.7	-	232.8

(Continued on next page)

Maricopa County 2013 Hospital Discharge Statistics

(Table 5.04b Continued)

Primary Diagnosis		Race/Ethnicity						Total
		White	Hispanic	African American	American Indian	Asian	Other/Unknown*	
Diseases of the Circulatory System	Other Diseases of the Circulatory System	270.2	115.3	415.4	177.8	83.5	-	218.4
	Heart Disease	384.8	124.9	500.5	208.1	91.2	-	293.5
	Acute Myocardial Infarction	179.2	62.8	139.8	76.0	49.7	-	133.7
	Coronary Atherosclerosis	121.4	38.1	76.0	45.6	46.5	-	88.4
	Other Ischemic Heart Disease	7.0	2.4	4.1	1.5	4.5	-	5.2
	Cardiac Dysrhythmias	297.2	63.7	148.4	95.7	49.7	-	202.7
	Congestive Heart Failure	29.1	8.0	34.4	18.2	12.8	-	21.8
	Cerebrovascular Disease	308.2	99.1	262.9	115.5	96.9	-	228.4
	All	1,597.1	514.3	1,581.6	738.4	434.9	-	1,192.1
Diseases of the Respiratory System	Other Diseases of the Respiratory System	344.8	163.1	351.6	300.8	116.7	-	277.5
	Acute Bronchitis and Bronchiolitis	50.7	83.1	102.3	133.7	28.7	-	63.3
	Pneumonia	274.0	131.1	247.7	285.6	88.6	-	219.5
	Chronic Bronchitis	177.1	26.4	120.6	21.3	23.6	-	117.7
	Asthma	86.6	76.0	293.3	153.5	39.5	-	92.0
	All	933.2	479.6	1,115.6	894.9	297.1	-	770.0
Diseases of the Digestive System	Other Diseases of the Digestive System	958.0	544.5	843.0	987.6	279.3	-	790.1
	Appendicitis	70.5	93.8	66.4	60.8	42.7	-	75.6
	Noninfectious Enteritis and Colitis	113.3	48.3	102.3	66.9	27.4	-	88.0
	Cholelithiasis	21.9	20.8	11.7	110.9	10.2	-	21.8
	All	1,163.7	707.4	1,023.4	1,226.1	359.6	-	975.6
Diseases of the Genitourinary System	Other Diseases of the Genitourinary System	474.3	277.3	513.2	460.4	167.1	-	399.7
	Calculus of Kidney and Ureter	87.8	36.1	42.0	36.5	28.7	-	65.7
	All	562.1	313.3	555.2	496.8	195.8	-	465.4
Diseases of the Skin and Subcutaneous Tissue	Other Diseases of the Skin and Subcutaneous Tissue	30.8	20.4	51.2	34.9	14.7	-	27.8
	Cellulitis and Abscess	258.3	140.9	193.0	352.5	53.6	-	209.5
	All	289.1	161.2	244.2	387.4	68.2	-	237.3
Diseases of the Musculoskeletal System and Connective Tissue	Other - Diseases of the Musculoskeletal System and Connective Tissue	306.5	107.9	255.3	217.3	77.8	-	230.9
	Osteoarthritis and Allied Disorders	479.0	68.7	188.0	120.0	63.8	-	313.6
	Intervertebral Disc Disorders	98.2	27.0	55.7	45.6	31.9	-	70.5
	All	883.7	203.6	499.0	382.9	173.4	-	615.1

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Maricopa County 2013 Hospital Discharge Statistics

(Table 5.04b Continued)

Primary Diagnosis		Race/Ethnicity						Total
		White	Hispanic	African American	American Indian	Asian	Other/Unknown*	
Congenital Anomalies	Congenital Anomalies	38.3	38.1	38.0	83.6	10.8	-	38.0
	All	38.3	38.1	38.0	83.6	10.8	-	38.0
Certain Conditions Originating in the Perinatal Period	Certain Conditions Originating in the Perinatal Period	30.9	52.9	59.3	86.6	35.7	-	40.6
	All	30.9	52.9	59.3	86.6	35.7	-	40.6
Symptoms, Signs, and Ill-defined Conditions	Other Symptoms, Signs, and Ill-defined Conditions	379.8	200.8	485.8	364.6	132.6	-	316.9
	All	379.8	200.8	485.8	364.6	132.6	-	316.9
Injury and Poisoning	Injury and Poisoning	629.8	305.1	650.5	832.6	187.5	-	513.7
	Fractures, all Sites	283.5	145.9	194.5	360.1	77.2	-	229.3
	Fracture of Neck of Femur	139.1	22.9	22.3	48.6	25.5	-	90.4
	Poisonings	131.3	61.0	130.7	161.1	35.7	-	105.6
	All	1,183.7	534.9	998.0	1,402.4	325.8	-	939.0
Other Healthcare Encounters	Other Healthcare Encounters	77.9	55.5	51.2	77.5	53.6	-	68.0
	Rehab Services	86.4	22.9	70.9	53.2	26.1	-	62.9
	All	164.3	78.5	122.1	130.7	79.7	-	130.9
Total		9,558.0	4,516.8	9,709.2	8,673.9	2,944.0	-	7,677.3

Note: Pregnant women, newborns, and Long Term Acute Care Hospitals and Rehabilitation Hospital Admissions excluded

*Rate not calculated because population denominator unavailable for this group

Maricopa County 2013 Hospital Discharge Statistics
Table 5.05a Selected Primary Diagnosis Groups by Age Group
Number of Inpatient Discharges

Primary Diagnosis		Age Group												Total	
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+		Other/ Unk.
Infectious and Parasitic Diseases	Other Infectious and Parasitic Diseases	522	144	118	201	269	645	735	1,009	977	874	716	459	0	6,669
	Septicemia	64	12	23	193	539	1,170	1,544	2,358	3,136	3,627	3,156	2,051	0	17,873
	All	586	156	141	394	808	1,815	2,279	3,367	4,113	4,501	3,872	2,510	0	24,542
Neoplasms	Neoplasms - Other	14	4	5	8	12	33	54	79	130	174	118	63	0	694
	Neoplasms - Other Malignant	91	49	51	73	92	231	503	1,018	1,922	2,072	1,146	368	0	7,616
	Malignant Neoplasm of Large Intestine & Rectum	0	0	0	1	0	20	53	192	281	331	296	134	0	1,308
	Malignant Neoplasm of Trachea, Bronchus & Lung	0	0	6	7	3	8	35	95	282	459	329	81	0	1,305
	Malignant Neoplasm of Breast	0	0	0	0	0	10	57	134	155	121	70	29	0	576
	Neoplasms—Benign	19	7	13	35	33	179	646	710	357	356	202	45	0	2,602
	All	124	60	75	124	140	481	1,348	2,228	3,127	3,513	2,161	720	0	14,101
Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	Other Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	348	80	59	107	175	543	887	1,062	1,220	1,213	966	613	0	7,273
	Diabetes Mellitus	29	72	145	216	396	741	892	1,224	1,144	783	444	160	0	6,246
	Volume Depletion (<i>dehydration</i>)	6	16	15	13	35	30	19	9	11	13	10	5	0	182
	All	383	168	219	336	606	1,314	1,798	2,295	2,375	2,009	1,420	778	0	13,701
Diseases of the Blood and Blood-forming Organs	Diseases of the Blood and Blood-forming Organs	180	125	116	154	162	388	438	490	592	629	573	324	0	4,171
	All	180	125	116	154	162	388	438	490	592	629	573	324	0	4,171
Mental Disorders	Other Mental Disorders	7	28	42	125	216	376	294	294	211	145	86	56	0	1,880
	Psychoses	18	126	147	329	1,077	1,886	1,807	2,077	1,430	773	400	211	0	10,281
	Alcohol Dependence Syndrome	0	0	0	2	13	62	78	129	86	45	11	3	0	429
	All	25	154	189	456	1,306	2,324	2,179	2,500	1,727	963	497	270	0	12,590

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Maricopa County 2013 Hospital Discharge Statistics

(Table 5.05a Continued)

Primary Diagnosis		Age Group												Total	
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+		Other/ Unk.
Diseases of the Nervous System and Sense Organs	Diseases of the Nervous System and Sense Organs	491	321	301	420	371	920	1,072	1,321	1,340	1,199	1,020	558	0	9,334
	All	491	321	301	420	371	920	1,072	1,321	1,340	1,199	1,020	558	0	9,334
Diseases of the Circulatory System	Other Diseases of the Circulatory System	59	14	20	47	84	361	726	1,253	1,659	1,913	1,699	922	0	8,757
	Heart Disease	14	8	10	32	71	305	660	1,322	1,967	2,514	2,858	2,008	0	11,769
	Acute Myocardial Infarction	0	0	0	0	4	44	278	771	1,256	1,393	985	629	0	5,360
	Coronary Atherosclerosis	1	1	0	0	0	16	91	437	917	1,156	756	170	0	3,545
	Other Ischemic Heart Disease	0	0	0	1	0	2	13	44	52	44	40	13	0	209
	Cardiac Dysrhythmias	16	10	14	17	45	158	296	724	1,331	2,118	2,100	1,297	0	8,126
	Congestive Heart Failure	18	1	3	1	0	20	32	80	153	163	214	190	0	875
	Cerebrovascular Disease	22	4	11	16	31	118	364	945	1,597	2,229	2,289	1,530	0	9,156
	All	130	38	58	114	235	1,024	2,460	5,576	8,932	11,530	10,941	6,759	0	47,797
Diseases of the Respiratory System	Other Diseases of the Respiratory System	927	209	124	218	257	507	639	1,109	1,783	2,179	1,832	1,342	1	11,127
	Acute Bronchitis and Bronchiolitis	1,833	15	3	6	9	42	47	83	84	122	158	136	0	2,538
	Pneumonia	723	274	126	119	100	328	479	834	1,168	1,521	1,724	1,406	0	8,802
	Chronic Bronchitis	0	1	0	1	1	10	68	541	1,129	1,327	1,154	486	0	4,718
	Asthma	460	496	199	106	115	239	335	524	477	372	251	115	0	3,689
	All	3,943	995	452	450	482	1,126	1,568	3,091	4,641	5,521	5,119	3,485	1	30,874
Diseases of the Digestive System	Other Diseases of the Digestive System	531	344	319	523	907	2,834	3,897	5,187	5,483	5,244	4,086	2,325	0	31,680
	Appendicitis	78	250	336	324	334	508	363	325	256	152	78	28	0	3,032
	Noninfectious Enteritis and Colitis	120	36	50	132	153	427	409	469	498	566	431	239	0	3,530
	Cholelithiasis	0	1	0	1	8	18	75	186	292	199	80	14	0	874
	All	729	631	705	980	1,402	3,787	4,744	6,167	6,529	6,161	4,675	2,606	0	39,116

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Maricopa County 2013 Hospital Discharge Statistics

(Table 5.05a Continued)

Primary Diagnosis		Age Group												Total	
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+		Other/ Unk.
Diseases of the Genitourinary System	Other Diseases of the Genitourinary System	767	166	127	327	410	1,165	1,691	1,989	2,146	2,643	2,653	1,941	0	16,025
	Calculus of Kidney and Ureter	3	3	10	54	119	383	429	523	470	396	177	66	0	2,633
	All	770	169	137	381	529	1,548	2,120	2,512	2,616	3,039	2,830	2,007	0	18,658
Diseases of the Skin and Subcutaneous Tissue	Other Diseases of the Skin and Subcutaneous Tissue	86	31	27	53	37	91	128	154	183	144	119	63	0	1,116
	Cellulitis and Abscess	482	156	133	186	375	1,037	1,171	1,534	1,226	946	712	441	0	8,399
	All	568	187	160	239	412	1,128	1,299	1,688	1,409	1,090	831	504	0	9,515
Diseases of the Musculoskeletal System and Connective Tissue	Other - Diseases of the Musculoskeletal System and Connective Tissue	84	106	201	206	191	514	807	1,557	1,895	1,898	1,276	524	0	9,259
	Osteoarthritis and Allied Disorders	0	0	0	3	1	30	225	1,250	3,334	4,857	2,505	370	0	12,574
	Intervertebral Disc Disorders	0	1	3	14	26	228	517	685	593	497	206	56	0	2,826
	All	84	107	204	223	218	772	1,549	3,492	5,822	7,252	3,987	950	0	24,660
Congenital Anomalies	Congenital Anomalies	708	104	97	75	40	75	94	90	102	95	38	7	0	1,525
	All	708	104	97	75	40	75	94	90	102	95	38	7	0	1,525
Certain Conditions Originating in the Perinatal Period	Certain Conditions Originating in the Perinatal Period	1,627	0	0	0	0	0	0	0	0	0	0	0	0	1,627
	All	1,627	0	0	0	0	0	0	0	0	0	0	0	0	1,627
Symptoms, Signs, and Ill-defined Conditions	Other Symptoms, Signs, and Ill-defined Conditions	891	171	182	281	282	874	1,213	2,039	2,313	1,899	1,609	953	0	12,707
	All	891	171	182	281	282	874	1,213	2,039	2,313	1,899	1,609	953	0	12,707

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Maricopa County 2013 Hospital Discharge Statistics

(Table 5.05a Continued)

Primary Diagnosis		Age Group													Total
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Other/ Unk.	
Injury and Poisoning	Injury and Poisoning	544	243	246	539	767	1,806	2,105	2,976	3,647	3,646	2,788	1,288	2	20,597
	Fractures, all Sites	235	164	187	431	574	994	881	1,122	1,282	1,164	1,150	1,009	0	9,193
	Fracture of Neck of Femur	0	1	6	9	14	17	45	113	330	578	1,131	1,382	0	3,626
	Poisonings	122	11	97	339	347	726	716	811	590	281	131	61	1	4,233
	All	901	419	536	1,318	1,702	3,543	3,747	5,022	5,849	5,669	5,200	3,740	3	37,649
Other Healthcare Encounters	Other Healthcare Encounters	197	81	114	199	162	225	232	396	467	445	158	50	0	2,726
	Rehab Services	36	8	16	38	44	71	117	219	412	613	631	346	0	2,523
	All	233	89	130	237	206	296	349	615	879	1,058	789	396	0	5,249
Total		12,345	3,894	3,702	6,182	8,901	21,415	28,257	42,493	52,366	56,128	45,562	26,567	4	307,816

Note: Pregnant women, newborns, Long Term Acute Care Hospitals and Rehabilitation Hospital Admissions excluded

Maricopa County 2013 Hospital Discharge Statistics

Table 5.05b Selected Primary Diagnosis Groups by Age Group—Crude Inpatient Discharge Rates per 100,000 Residents

Primary Diagnosis		Age Group													
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Other/ Unk.*	Total
Infectious and Parasitic Diseases	Other Infectious and Parasitic Diseases	192.0	49.8	41.2	73.5	94.2	113.6	136.6	194.1	222.5	282.8	442.8	681.9	-	166.3
	Septicemia	23.5	4.1	8.0	70.6	188.8	206.1	287.0	453.5	714.3	1,173.5	1,951.8	3,047.2	-	445.8
	All	215.6	53.9	49.2	144.1	283.1	319.7	423.6	647.6	936.9	1,456.3	2,394.6	3,729.2	-	612.1
Neoplasms	Neoplasms - Other	5.2	1.4	1.7	2.9	4.2	5.8	10.0	15.2	29.6	56.3	73.0	93.6	-	17.3
	Neoplasms - Other Malignant	33.5	16.9	17.8	26.7	32.2	40.7	93.5	195.8	437.8	670.4	708.7	546.7	-	190.0
	Malignant Neoplasm of Large Intestine & Rectum	0.0	0.0	0.0	0.4	0.0	3.5	9.9	36.9	64.0	107.1	183.1	199.1	-	32.6
	Malignant Neoplasm of Trachea, Bronchus & Lung	0.0	0.0	2.1	2.6	1.1	1.4	6.5	18.3	64.2	148.5	203.5	120.3	-	32.5
	Malignant Neoplasm of Breast	0.0	0.0	0.0	0.0	0.0	1.8	10.6	25.8	35.3	39.1	43.3	43.1	-	14.4
	Neoplasms - Benign	7.0	2.4	4.5	12.8	11.6	31.5	120.1	136.6	81.3	115.2	124.9	66.9	-	64.9
	All	45.6	20.7	26.2	45.3	49.0	84.7	250.5	428.5	712.3	1,136.6	1,336.5	1,069.7	-	351.7
Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	Other Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	128.0	27.7	20.6	39.1	61.3	95.6	164.9	204.3	277.9	392.5	597.4	910.8	-	181.4
	Diabetes Mellitus	10.7	24.9	50.6	79.0	138.7	130.5	165.8	235.4	260.6	253.3	274.6	237.7	-	155.8
	Volume Depletion (<i>dehydration</i>)	2.2	5.5	5.2	4.8	12.3	5.3	3.5	1.7	2.5	4.2	6.2	7.4	-	4.5
	All	140.9	58.1	76.4	122.9	212.3	231.4	334.2	441.4	541.0	650.0	878.2	1,155.9	-	341.7
Diseases of the Blood and Blood-forming Organs	Diseases of the Blood and Blood-forming Organs	66.2	43.2	40.5	56.3	56.8	68.3	81.4	94.2	134.8	203.5	354.4	481.4	-	104.0
	All	66.2	43.2	40.5	56.3	56.8	68.3	81.4	94.2	134.8	203.5	354.4	481.4	-	104.0
Mental Disorders	Other Mental Disorders	2.6	9.7	14.7	45.7	75.7	66.2	54.6	56.5	48.1	46.9	53.2	83.2	-	46.9
	Psychoses	6.6	43.6	51.3	120.3	377.3	332.2	335.8	399.5	325.7	250.1	247.4	313.5	-	256.4
	Alcohol Dependence Syndrome	0.0	0.0	0.0	0.7	4.6	10.9	14.5	24.8	19.6	14.6	6.8	4.5	-	10.7
	All	9.2	53.2	65.9	166.8	457.5	409.3	405.0	480.8	393.4	311.6	307.4	401.1	-	314
Diseases of the Nervous System and Sense Organs	Diseases of the Nervous System and Sense Organs	180.6	111.0	105.0	153.6	130.0	162.0	199.2	254.1	305.2	387.9	630.8	829.0	-	232.8
	All	180.6	111.0	105.0	153.6	130.0	162.0	199.2	254.1	305.2	387.9	630.8	829.0	-	232.8

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Maricopa County 2013 Hospital Discharge Statistics

(Table 5.05b Continued)

Primary Diagnosis		Age Group													Total
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Other/ Unk.*	
Diseases of the Circulatory System	Other Diseases of the Circulatory System	21.7	4.8	7.0	17.2	29.4	63.6	134.9	241.0	377.9	619.0	1,050.7	1369.8	-	218.4
	Heart Disease	5.2	2.8	3.5	11.7	24.9	53.7	122.7	254.3	448.1	813.4	1,767.5	2,983.3	-	293.5
	Acute Myocardial Infarction	0.0	0.0	0.0	0.0	1.4	7.7	51.7	148.3	286.1	450.7	609.2	934.5	-	133.7
	Coronary Atherosclerosis	0.4	0.3	0.0	0.0	0.0	2.8	16.9	84.0	208.9	374	467.5	252.6	-	88.4
	Other Ischemic Heart Disease	0.0	0.0	0.0	0.4	0.0	0.4	2.4	8.5	11.8	14.2	24.7	19.3	-	5.2
	Cardiac Dysrhythmias	5.9	3.5	4.9	6.2	15.8	27.8	55.0	139.2	303.2	685.3	1,298.7	1,927.0	-	202.7
	Congestive Heart Failure	6.6	0.3	1.0	0.4	0.0	3.5	5.9	15.4	34.9	52.7	132.3	282.3	-	21.8
	Cerebrovascular Disease	8.1	1.4	3.8	5.9	10.9	20.8	67.7	181.8	363.8	721.2	1415.6	2,273.2	-	228.4
All	47.8	13.1	20.2	41.7	82.3	180.4	457.2	1,072.4	2,034.6	3,730.6	6,766.4	10,042.0	-	1,192.1	
Diseases of the Respiratory System	Other Diseases of the Respiratory System	341.0	72.3	43.3	79.7	90.0	89.3	118.8	213.3	406.1	705.0	1,133.0	1,993.8	-	277.5
	Acute Bronchitis and Bronchiolitis	674.3	5.2	1.0	2.2	3.2	7.4	8.7	16.0	19.1	39.5	97.7	202.1	-	63.3
	Pneumonia	266.0	94.7	44.0	43.5	35.0	57.8	89.0	160.4	266.1	492.1	1,066.2	2,088.9	-	219.5
	Chronic Bronchitis	0.0	0.3	0.0	0.4	0.4	1.8	12.6	104.0	257.2	429.4	713.7	722.1	-	117.7
	Asthma	169.2	171.5	69.4	38.8	40.3	42.1	62.3	100.8	108.7	120.4	155.2	170.9	-	92.0
	All	1,450.6	344.0	157.7	164.6	168.9	198.3	291.4	594.5	1,057.2	1,786.3	3,165.8	5,177.8	-	770.0
Diseases of the Digestive System	Other Diseases of the Digestive System	195.3	118.9	111.3	191.3	317.8	499.2	724.3	997.6	1,248.9	1,696.7	2,526.9	3,454.3	-	790.1
	Appendicitis	28.7	86.4	117.2	118.5	117.0	89.5	67.5	62.5	58.3	49.2	48.2	41.6	-	75.6
	Noninfectious Enteritis and Colitis	44.1	12.4	17.4	48.3	53.6	75.2	76.0	90.2	113.4	183.1	266.5	355.1	-	88.0
	Cholelithiasis	0.0	0.3	0.0	0.4	2.8	3.2	13.9	35.8	66.5	64.4	49.5	20.8	-	21.8
	All	268.2	218.2	245.9	358.4	491.2	667.0	881.7	1,186.1	1,487.2	1,993.4	2,891.2	3,871.8	-	975.6
Diseases of the Genitourinary System	Other Diseases of the Genitourinary System	282.2	57.4	44.3	119.6	143.6	205.2	314.3	382.5	488.8	855.1	1,640.7	2,883.8	-	399.7
	Calculus of Kidney and Ureter	1.1	1.0	3.5	19.7	41.7	67.5	79.7	100.6	107.1	128.1	109.5	98.1	-	65.7
	All	283.3	58.4	47.8	139.3	185.3	272.7	394.0	483.1	595.9	983.3	1,750.2	2,981.9	-	465.4

(Continued on next page)

Maricopa County 2013 Hospital Discharge Statistics

Table 5.05b Continued

Primary Diagnosis		Age Group											Other/ Unk.*	Total	
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84			85+
Diseases of the Skin and Subcutaneous Tissue	Other Diseases of the Skin and Subcutaneous Tissue	31.6	10.7	9.4	19.4	13.0	16.0	23.8	29.6	41.7	46.6	73.6	93.6	-	27.8
	Cellulitis and Abscess	177.3	53.9	46.4	68.0	131.4	182.6	217.6	295.0	279.3	306.1	440.3	655.2	-	209.5
	All	209.0	64.7	55.8	87.4	144.3	198.7	241.4	324.7	321.0	352.7	513.9	748.8	-	237.3
Diseases of the Musculoskeletal System and Connective Tissue	Other - Diseases of the Musculoskeletal System and Connective Tissue	30.9	36.7	70.1	75.3	66.9	90.5	150.0	299.5	431.7	614.1	789.1	778.5	-	230.9
	Osteoarthritis and Allied Disorders	0.0	0.0	0.0	1.1	0.4	5.3	41.8	240.4	759.4	1,571.5	1,548.6	549.7	-	313.6
	Intervertebral Disc Disorders	0.0	0.3	1.0	5.1	9.1	40.2	96.1	131.7	135.1	160.8	127.4	83.2	-	70.5
	All	30.9	37.0	71.2	81.5	76.4	136.0	287.9	671.6	1,326.2	2,346.4	2,465.1	1,411.4	-	615.1
Congenital Anomalies	Congenital Anomalies	260.8	36.0	33.8	27.4	14.0	13.2	17.5	17.3	23.2	30.7	23.5	10.4	-	38.0
	All	260.8	36.0	33.8	27.4	14.0	13.2	17.5	17.3	23.2	30.7	23.5	10.4	-	38.0
Certain Conditions Originating in the Perinatal Period	Certain Conditions Originating in the Perinatal Period	598.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	40.6
	All	598.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	40.6
Symptoms, Signs, and Ill-defined Conditions	Other Symptoms, Signs, and Ill-defined Conditions	327.8	59.1	63.5	102.8	98.8	153.9	225.4	392.2	526.9	614.4	995.1	1,415.9	-	316.9
	All	327.8	59.1	63.5	102.8	98.8	153.9	225.4	392.2	526.9	614.4	995.1	1,415.9	-	316.9

(Continued on next page)

Maricopa County 2013 Hospital Discharge Statistics

(Table 5.05b Continued)

Primary Diagnosis		Age Group												Other/ Unk.*	Total
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+		
Injury and Poisoning	Injury and Poisoning	200.1	84.0	85.8	197.1	268.7	318.1	391.2	572.4	830.7	1,179.7	1,724.2	1,913.6	-	513.7
	Fractures, all Sites	86.5	56.7	65.2	157.6	201.1	175.1	163.7	215.8	292.0	376.6	711.2	1,499.1	-	229.3
	Fracture of Neck of Femur	0	0.3	2.1	3.3	4.9	3.0	8.4	21.7	75.2	187.0	699.5	2,053.3	-	90.4
	Poisonings	44.9	3.8	33.8	124.0	121.6	127.9	133.1	156.0	134.4	90.9	81.0	90.6	-	105.6
	All	331.5	144.9	187.0	482.0	596.3	624.0	696.4	965.9	1,332.3	1,834.2	3,215.9	5,556.6	-	939.0
Other Healthcare Encounters	Other Healthcare Encounters	72.5	28.0	39.8	72.8	56.8	39.6	43.1	76.2	106.4	144.0	97.7	74.3	-	68.0
	Rehab Services	2.9	2.8	5.6	13.9	15.4	12.5	21.7	42.1	93.8	198.3	390.2	514.1	-	62.9
	All	75.4	30.8	45.4	86.7	72.2	52.1	64.9	118.3	200.2	342.3	487.9	588.3	-	130.9
Total		4,541.5	1,346.4	1,291.5	2,260.7	3,118.4	3,771.9	5,251.8	8,172.6	11,928.2	18,160.3	28,176.8	39,471.4	-	7,677.3

Note: Pregnant women, newborns, Long Term Acute Care Hospitals and Rehabilitation Hospital Admissions excluded

*Rate not calculated because population denominator unavailable for this group

Maricopa County 2013 Hospital Discharge Statistics

Table 5.06a Selected Primary Diagnosis Groups by Sex

Number of Inpatient Discharges

Primary Diagnosis		Gender			Total
		Male	Female	Other/ Unknown	
Infectious and Parasitic Diseases	Other Infectious and Parasitic Diseases	3,202	3,467	0	6,669
	Septicemia	8,536	9,337	0	17,873
	All	11,738	12,804	0	24,542
Neoplasms	Neoplasms - Other	333	361	0	694
	Neoplasms - Other Malignant	4,150	3,466	0	7,616
	Malignant Neoplasm of Large Intestine & Rectum	690	618	0	1,308
	Malignant Neoplasm of Trachea, Bronchus & Lung	653	652	0	1,305
	Malignant Neoplasm of Breast	8	568	0	576
	Neoplasms - Benign	608	1,994	0	2,602
	All	6,442	7,659	0	14,101
Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	Other Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	2,843	4,430	0	7,273
	Diabetes Mellitus	3,576	2,670	0	6,246
	Volume Depletion (<i>dehydration</i>)	104	78	0	182
	All	6,523	7,178	0	13,701
Diseases of the Blood and Blood-forming Organs	Diseases of the Blood and Blood-forming Organs	1,798	2,373	0	4,171
	All	1,798	2,373	0	4,171
Mental Disorders	Other Mental Disorders	922	958	0	1,880
	Psychoses	5,460	4,821	0	10,281
	Alcohol Dependence Syndrome	302	127	0	429
	All	6,684	5,906	0	12,590
Diseases of the Nervous System and Sense Organs	Diseases of the Nervous System and Sense Organs	4,162	5,172	0	9,334
	All	4,162	5,172	0	9,334
Diseases of the Circulatory System	Other Diseases of the Circulatory System	4,619	4,138	0	8,757
	Heart Disease	6,436	5,333	0	11,769
	Acute Myocardial Infarction	3,477	1,883	0	5,360
	Coronary Atherosclerosis	2,432	1,113	0	3,545
	Other Ischemic Heart Disease	108	101	0	209
	Cardiac Dysrhythmias	4,237	3,889	0	8,126
	Congestive Heart Failure	489	386	0	875
	Cerebrovascular Disease	4,598	4,558	0	9,156
	All	26,396	21,401	0	47,797

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Maricopa County 2013 Hospital Discharge Statistics

(Table 5.06a Continued)

Primary Diagnosis		Gender			Total
		Male	Female	Other/ Unknown	
Diseases of the Respiratory System	Other Diseases of the Respiratory System	5,657	5,470	0	11,127
	Acute Bronchitis and Bronchiolitis	1,312	1,226	0	2,538
	Pneumonia	4,275	4,527	0	8,802
	Chronic Bronchitis	2,145	2,573	0	4,718
	Asthma	1,545	2,144	0	3,689
	All	14,934	15,940	0	30,874
Diseases of the Digestive System	Other Diseases of the Digestive System	14,432	17,248	0	31,680
	Appendicitis	1,686	1,346	0	3,032
	Noninfectious Enteritis and Colitis	1,256	2,274	0	3,530
	Cholelithiasis	513	361	0	874
	All	17,887	21,229	0	39,116
Diseases of the Genitourinary System	Other Diseases of the Genitourinary System	6,138	9,887	0	16,025
	Calculus of Kidney and Ureter	1,386	1,247	0	2,633
	All	7,524	11,134	0	18,658
Diseases of the Skin and Subcutaneous Tissue	Other Diseases of the Skin and Subcutaneous Tissue	592	524	0	1,116
	Cellulitis and Abscess	4,642	3,757	0	8,399
	All	5,234	4,281	0	9,515
Diseases of the Musculoskeletal System and Connective Tissue	Other - Diseases of the Musculoskeletal System and Connective Tissue	4,573	4,686	0	9,259
	Osteoarthritis and Allied Disorders	5,320	7,255	0	12,575
	Intervertebral Disc Disorders	1,416	1,410	0	2,826
	All	11,309	13,351	0	24,660
Congenital Anomalies	Congenital Anomalies	822	703	0	1,525
	All	822	703	0	1,525
Certain Conditions Originating in the Perinatal Period	Certain Conditions Originating in the Perinatal Period	946	681	0	1,627
	All	946	681	0	1,627
Symptoms, Signs, and Ill-defined Conditions	Other Symptoms, Signs, and Ill-defined Conditions	5,777	6,930	0	12,707
	All	5,777	6,930	0	12,707
Injury and Poisoning	Injury and Poisoning	11,298	9,298	1	20,597
	Fractures, All Sites	4,733	4,460	0	9,193
	Fracture of Neck of Femur	1,209	2,417	0	3,626
	Poisonings	1,886	2,347	0	4,233
	All	19,126	18,522	1	37,649
Other Healthcare Encounters	Other Healthcare Encounters	1,358	1,368	0	2,726
	Rehab Services	1,372	1,151	0	2,523
	All	2,730	2,519	0	5,249
Total		150,032	157,783	1	307,816

Maricopa County 2013 Hospital Discharge Statistics

Table 5.06b Selected Primary Diagnosis Groups by Sex - Crude Inpatient Discharge Rates per 100,000 Residents

Primary Diagnosis		Gender			
		Male	Female	Other/ Unknown*	Total
Infectious and Parasitic Diseases	Other Infectious and Parasitic Diseases	161.4	171.2	-	166.3
	Septicemia	430.2	461.0	-	445.8
	All	591.6	632.2	-	612.1
Neoplasms	Neoplasms - Other	16.8	17.8	-	17.3
	Neoplasms - Other Malignant	209.2	171.1	-	190.0
	Malignant Neoplasm of Large Intestine & Rectum	34.8	30.5	-	32.6
	Malignant Neoplasm of Trachea, Bronchus & Lung	32.9	32.2	-	32.5
	Malignant Neoplasm of Breast	0.4	28.0	-	14.4
	Neoplasms - Benign	30.6	98.5	-	64.9
	All	324.7	378.2	-	351.7
Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	Other Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	143.3	218.7	-	181.4
	Diabetes Mellitus	180.2	131.8	-	155.8
	Volume Depletion (<i>dehydration</i>)	5.2	3.9	-	4.5
	All	328.8	354.4	-	341.7
Diseases of the Blood and Blood-forming Organs	Diseases of the Blood and Blood-forming Organs	90.6	117.2	-	104.0
	All	90.6	117.2	-	104.0
Mental Disorders	Other Mental Disorders	46.5	47.3	-	46.9
	Psychoses	275.2	238.0	-	256.4
	Alcohol Dependence Syndrome	15.2	6.3	-	10.7
	All	336.9	291.6	-	314.0
Diseases of the Nervous System and Sense Organs	Diseases of the Nervous System and Sense Organs	209.8	255.4	-	232.8
	All	209.8	255.4	-	232.8
Diseases of the Circulatory System	Other Diseases of the Circulatory System	232.8	204.3	-	218.4
	Heart Disease	324.4	263.3	-	293.5
	Acute Myocardial Infarction	175.2	93.0	-	133.7
	Coronary Atherosclerosis	122.6	55.0	-	88.4
	Other Ischemic Heart Disease	5.4	5.0	-	5.2
	Cardiac Dysrhythmias	213.5	192.0	-	202.7
	Congestive Heart Failure	24.6	19.1	-	21.8
	Cerebrovascular Disease	231.7	225.1	-	228.4
	All	1,330.3	1,056.7	-	1,192.1

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(Table 5.06b Continued)

Maricopa County 2013 Hospital Discharge Statistics

Primary Diagnosis		Gender			
		Male	Female	Other/ Unknown*	Total
Diseases of the Respiratory System	Other Diseases of the Respiratory System	285.1	270.1	-	277.5
	Acute Bronchitis and Bronchiolitis	66.1	60.5	-	63.3
	Pneumonia	215.5	223.5	-	219.5
	Chronic Bronchitis	108.1	127.0	-	117.7
	Asthma	77.9	105.9	-	92.0
	All	752.7	787.1	-	770.0
Diseases of the Digestive System	Other Diseases of the Digestive System	727.4	851.7	-	790.1
	Appendicitis	85.0	66.5	-	75.6
	Noninfectious Enteritis and Colitis	63.3	112.3	-	88.0
	Cholelithiasis	25.9	17.8	-	21.8
	All	901.5	1048.2	-	975.6
Diseases of the Genitourinary System	Other Diseases of the Genitourinary System	309.3	488.2	-	399.7
	Calculus of Kidney and Ureter	69.9	61.6	-	65.7
	All	379.2	549.8	-	465.4
Diseases of the Skin and Subcutaneous Tissue	Other Diseases of the Skin and Subcutaneous Tissue	29.8	25.9	-	27.8
	Cellulitis and Abscess	234.0	185.5	-	209.5
	All	263.8	211.4	-	237.3
Diseases of the Musculoskeletal System and Connective Tissue	Other - Diseases of the Musculoskeletal System and Connective Tissue	230.5	231.4	-	230.9
	Osteoarthritis and Allied Disorders	268.1	358.2	-	313.6
	Intervertebral Disc Disorders	71.4	69.6	-	70.5
	All	570.0	659.2	-	615.1
Congenital Anomalies	Congenital Anomalies	41.4	34.7	-	38.0
	All	41.4	34.7	-	38.0
Certain Conditions Originating in the Perinatal Period	Certain Conditions Originating in the Perinatal Period	47.7	33.6	-	40.6
	All	47.7	33.6	-	40.6
Symptoms, Signs, and Ill-defined Conditions	Other Symptoms, Signs, and Ill-defined Conditions	291.2	342.2	-	316.9
	All	291.2	342.2	-	316.9
Injury and Poisoning	Injury and Poisoning	569.4	459.1	-	513.7
	Fractures, all Sites	238.5	220.2	-	229.3
	Fracture of Neck of Femur	60.9	119.3	-	90.4
	Poisonings	95.1	115.9	-	105.6
	All	963.9	914.6	-	939.0
Other Healthcare Encounters	Other Healthcare Encounters	68.4	67.5	-	68.0
	Rehab Services	69.1	56.8	-	62.9
	All	137.6	124.4	-	130.9
Total		7,561.4	7,790.8	-	7,677.3

Note: Pregnant women, newborns, Long Term Acute Care Hospitals and Rehabilitation Hospital Admissions excluded

*Rate not calculated because population denominator unavailable for this group

Maricopa County 2013 Hospital Discharge Statistics

Table 5.07 Total Charges for Hospitalizations by Primary Diagnosis Groups

Primary Diagnosis Category	Number of Discharges	Median Charges	Mean Charges	Total Charges
Total Infectious and Parasitic Diseases	24,542	\$38,097.50	\$62,020.28	\$1,522,100,000.00
Other Infectious and Parasitic Diseases	6,669	\$26,597.00	\$42,280.34	\$281,967,557.00
Septicemia	17,873	\$43,515.00	\$69,385.90	\$1,240,130,000.00
Total Neoplasms	14,101	\$56,378.00	\$79,490.70	\$1,120,900,000.00
Neoplasms - Other	694	\$54,327.00	\$77,705.65	\$53,927,718.00
Neoplasms - Other Malignant	7,616	\$60,128.50	\$87,421.81	\$665,804,488.00
Malignant Neoplasm of Large Intestine & Rectum	1,308	\$62,176.50	\$81,783.82	\$106,973,235.00
Malignant Neoplasm of Trachea, Bronchus & Lung	1,305	\$61,019.00	\$75,956.32	\$99,123,003.00
Malignant Neoplasm of Breast	576	\$44,610.00	\$53,561.53	\$30,851,443.00
Neoplasms - Benign	2,602	\$46,789.50	\$63,112.37	\$164,218,397.00
Total Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	13,701	\$26,975.00	\$36,835.02	\$504,676,570.00
Other Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	7,273	\$26,773.00	\$34,901.91	\$253,841,619.00
Diabetes Mellitus	6,246	\$26,873.50	\$37,933.81	\$236,934,567.00
Volume Depletion (<i>dehydration</i>)	182	\$58,679.00	\$76,375.74	\$13,900,384.00
Diseases of the Blood and Blood-forming Organs	4,171	\$25,033.00	\$37,909.84	\$158,121,934.00
Total Mental Disorders	12,590	\$23,208.00	\$31,266.23	\$393,641,813.00
Other Mental Disorders	1,880	\$17,172.50	\$22,739.07	\$42,749,454.00
Psychoses	10,281	\$24,334.00	\$33,113.70	\$340,441,986.00
Alcohol Dependence Syndrome	429	\$19,350.00	\$24,359.84	\$10,450,373.00
Diseases of the Nervous System and Sense Organs	9,334	\$28,826.50	\$43,641.47	\$407,349,520.00
Total Diseases of the Circulatory System	47,797	\$39,748.00	\$64,008.19	\$3,059,400,000.00
Other Diseases of the Circulatory System	8,757	\$32,968.00	\$55,759.26	\$488,283,859.00
Heart Disease	11,769	\$38,287.00	\$65,685.72	\$773,055,267.00
Acute Myocardial Infarction	5,360	\$73,521.50	\$92,989.95	\$498,426,130.00
Coronary Atherosclerosis	3,545	\$82,846.00	\$103,050.38	\$365,313,582.00
Other Ischemic Heart Disease	209	\$27,733.00	\$32,538.49	\$6,800,544.00
Cardiac Dysrhythmias	8,126	\$28,358.50	\$47,459.66	\$385,657,220.00
Congestive Heart Failure	875	\$29,442.00	\$50,532.71	\$44,216,122.00
Cerebrovascular Disease	9,156	\$36,163.50	\$54,352.00	\$497,646,921.00

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Maricopa County 2013 Hospital Discharge Statistics

(Table 5.07 Continued)

Primary Diagnosis Category	Number of Discharges	Median Charges	Mean Charges	Total Charges
Total Other Diseases of the Respiratory System	30,874	\$27,116.50	\$40,575.33	\$1,252,720,000.00
Other Diseases of the Respiratory System	11,127	\$35,061.00	\$54,996.16	\$611,942,267.00
Acute Bronchitis and Bronchiolitis	2,538	\$13,642.00	\$21,624.19	\$54,882,183.00
Pneumonia	8,802	\$28,105.00	\$38,520.18	\$339,054,609.00
Chronic Bronchitis	4,718	\$26,287.50	\$33,157.64	\$156,437,751.00
Asthma	3,689	\$18,596.00	\$24,506.91	\$90,406,001.00
Total Diseases of the Digestive System	39,116	\$30,825.00	\$42,671.82	\$1,669,150,000.00
Other Diseases of the Digestive System	31,680	\$31,113.50	\$43,649.16	\$1,382,810,000.00
Appendicitis	3,032	\$33,679.00	\$38,666.81	\$117,237,777.00
Noninfectious Enteritis and Colitis	3,530	\$25,323.50	\$36,312.62	\$128,183,559.00
Cholelithiasis	874	\$30,341.00	\$46,823.71	\$40,923,924.00
Total Diseases of the Genitourinary System	18,658	\$26,497.00	\$34,100.41	\$636,245,462.00
Other Diseases of the Genitourinary System	16,025	\$25,883.00	\$34,295.77	\$549,589,690.00
Calculus of Kidney and Ureter	2,633	\$29,426.00	\$32,911.42	\$86,655,771.00
Total Diseases of the Skin and Subcutaneous Tissue	9,515	\$21,043.00	\$28,307.23	\$269,343,243.00
Other Diseases of the Skin and Subcutaneous Tissue	1,116	\$26,189.00	\$43,295.53	\$48,317,814.00
Cellulitis and Abscess	8,399	\$20,633.00	\$26,315.68	\$221,025,429.00
Total Diseases of the Musculoskeletal System and Connective Tissue	24,659	\$52,540.00	\$64,487.92	\$1,590,210,000.00
Other - Diseases of the Musculoskeletal System and Connective Tissue	9,259	\$50,228.00	\$72,538.59	\$671,634,816.00
Osteoarthritis and Allied Disorders	12,574	\$52,062.00	\$54,194.09	\$681,436,428.00
Intervertebral Disc Disorders	2,826	\$65,288.50	\$83,912.33	\$237,136,257.00
Congenital Anomalies	1,525	\$74,835.00	\$134,984.05	\$205,850,670.00
Certain Conditions Originating in the Perinatal Period	1,627	\$11,930.00	\$55,520.32	\$90,331,556.00
Other Symptoms, Signs, and Ill-defined Conditions	12,707	\$23,396.00	\$27,776.87	\$352,960,681.00
Total Injuries and Poisonings	37,649	\$41,688.00	\$63,589.10	\$2,394,070,000.00
Injury and Poisoning	20,597	\$40,541.00	\$67,165.99	\$1,383,420,000.00
Fractures, all Sites	9,193	\$44,470.00	\$68,629.25	\$630,908,654.00
Fracture of Neck of Femur	3,626	\$57,771.50	\$65,391.27	\$237,108,735.00
Poisonings	4,233	\$22,515.00	\$33,694.93	\$142,630,647.00

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Maricopa County 2013 Hospital Discharge Statistics

Table 5.07 Continued

Primary Diagnosis Category	Number of Discharges	Median Charges	Mean Charges	Total Charges
Total – Other Healthcare Encounters	5,249	\$44,497.00	\$59,491.80	\$312,272,476.00
Other Healthcare Encounters	2,726	\$39,381.50	\$60,562.73	\$165,094,014.00
Rehab Services	2,523	\$50,428.00	\$58,334.71	\$147,178,462.00
Total	307,815	\$34,031.00	\$51,782.21	\$15,939,000,000.00

Note: Pregnant women, newborns, and Long Term Acute Care Hospitals and Rehabilitation Hospital Admissions excluded

Table 5.08 Average Charges for Hospitalizations Related to Pregnancy and Birth

Group	Number of Discharges	Median Charge	Mean Charge	Total Charges
Infant	83,249	\$3,142.00	\$9,713.42	\$808,632,768.00
Mother	91,263	\$13,073.00	\$16,134.80	\$1,472,510,000.00
Total	174,512	\$8,122.50	\$13,071.55	\$2,281,140,000.00

Note: Mothers include all women hospitalized for pregnancy related conditions

Maricopa County 2013 Hospital Discharge Statistics

Table 5.09 Length of Hospital Stay (Days) by Primary Diagnosis Group

Primary Diagnosis Code Categories	Number of Discharges	Median Days	Mean Days	Total Days
Total Infectious and Parasitic Diseases	24,542	4.0	5.9	143,577.0
Other Infectious and Parasitic Diseases	6,669	3.0	4.7	31,376.0
Septicemia	17,873	4.0	6.3	112,201.0
Total Neoplasms	14,101	4.0	5.7	79,941.0
Neoplasms - Other	694	4.0	5.9	4,102.0
Neoplasms - Other Malignant	7,616	4.0	6.3	47,910.0
Malignant Neoplasm of Large Intestine & Rectum	1,308	5.0	6.9	9,044.0
Malignant Neoplasm of Trachea, Bronchus & Lung	1,305	5.0	6.5	8,537.0
Malignant Neoplasm of Breast	576	2.0	2.3	1,301.0
Neoplasms - Benign	2,602	3.0	3.5	9,047.0
Total Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	13,701	2.0	3.5	48,436.0
Other Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	7,273	2.0	3.1	22,368.0
Diabetes Mellitus	6,246	3.0	3.9	24,597.0
Volume Depletion (<i>dehydration</i>)	182	7.0	8.1	1,471.0
Diseases of the Blood and Blood-forming Organs	4,171	3.0	3.7	15,412.0
Total Mental Disorders	12,590	7.0	10.5	131,962.0
Other Mental Disorders	1,880	4.0	5.5	10,348.0
Psychoses	10,281	8.0	11.6	119,532.0
Alcohol Dependence Syndrome	429	3.0	4.9	2,082.0
Diseases of the Nervous System and Sense Organs	9,334	3.0	4.0	37,139.0
Total Diseases of the Circulatory System	47,797	3.0	4.0	191,761.0
Other Diseases of the Circulatory System	8,757	3.0	3.8	33,507.0
Heart Disease	11,769	4.0	5.0	58,657.0
Acute Myocardial Infarction	5,360	3.0	4.1	21,848.0
Coronary Atherosclerosis	3,545	3.0	4.0	14,037.0
Other Ischemic Heart Disease	209	2.0	2.0	417.0
Cardiac Dysrhythmias	8,126	2.0	3.0	24,733.0
Congestive Heart Failure	875	3.0	4.0	3,464.0
Cerebrovascular Disease	9,156	3.0	3.8	35,098.0

(Continued on next page)

Maricopa County 2013 Hospital Discharge Statistics

(Table 5.09 Continued)

Primary Diagnosis Code Categories	Number of Discharges	Median Days	Mean Days	Total Days
Other Diseases of the Respiratory System	30,874	3.0	4.4	134,541.0
Other Diseases of the Respiratory System	11,127	4.0	5.2	57,358.0
Acute Bronchitis and Bronchiolitis	2,538	3.0	3.4	8,611.0
Pneumonia	8,802	3.0	4.4	39,075.0
Chronic Bronchitis	4,718	3.0	3.9	18,393.0
Asthma	3,689	2.0	3.0	11,104.0
Total Diseases of the Digestive System	39,116	3.0	4.0	155,474.0
Other Diseases of the Digestive System	31,680	3.0	4.1	129,352.0
Appendicitis	3,032	2.0	2.6	7,989.0
Noninfectious Enteritis and Colitis	3,530	3.0	4.0	14,056.0
Cholelithiasis	874	3.0	4.7	4,077.0
Total Diseases of the Genitourinary System	18,658	2.0	3.3	61,381.0
Other Diseases of the Genitourinary System	16,025	3.0	3.5	55,920.0
Calculus of Kidney and Ureter	2,633	2.0	2.1	5,461.0
Total Diseases of the Skin and Subcutaneous Tissue	9,515	3.0	3.7	35,565.0
Other Diseases of the Skin and Subcutaneous Tissue	1,116	4.0	5.0	5,635.0
Cellulitis and Abscess	8,399	3.0	3.6	29,930.0
Total Diseases of the Musculoskeletal System and Connective Tissue	24,659	2.0	3.0	72,816.0
Other - Diseases of the Musculoskeletal System and Connective Tissue	9,259	3.0	3.7	34,308.0
Osteoarthritis and Allied Disorders	12,574	2.0	2.4	30,801.0
Intervertebral Disc Disorders	2,826	2.0	2.7	7,707.0
Congenital Anomalies	1,525	3.0	7.1	10,867.0
Certain Conditions Originating in the Perinatal Period	1,627	2.0	7.5	12,273.0
Other Symptoms, Signs, and Ill-defined Conditions	12,707	2.0	2.5	32,399.0
Total Injuries and Poisonings	37,649	3.0	4.5	169,981.0
Injury and Poisoning	20,597	3.0	4.9	100,463.0
Fractures, all Sites	9,193	3.0	4.2	38,235.0
Fracture of Neck of Femur	3,626	4.0	4.8	17,581.0
Poisonings	4,233	2.0	3.2	13,702.0
Total – Other Healthcare Encounters	5,249	7.0	9.9	51,805.0
Other Healthcare Encounters	2,726	4.0	5.5	15,033.0
Rehab Services	2,523	13.0	14.6	36,772.0
Total	307,815	3.0	4.5	1,385,330.0

Note: Pregnant women, newborns, and Long Term Acute Care Hospitals and Rehabilitation Hospital Admissions excluded

Maricopa County 2013 Hospital Discharge Statistics

Table 5.10 Length of Hospital Stay (Days) for Pregnancy and Birth Related Hospitalizations

Group	Number of Discharges	Median Days	Mean Days	Total Days
Infant	83,249	2.0	3.1	260,222.0
Mother	91,263	2.0	2.5	228,160.0
Total	174,512	2.0	2.8	488,382.0

Note: Mothers include all women hospitalized for pregnancy related conditions

Maricopa County 2013 Hospital Discharge Statistics

Table 5.11 Number of Emergency Department Visits by Age Group and Race/Ethnicity

Age Group	Number of ED Visits by Race/Ethnicity						Total
	White	Hispanic	African American	American Indian	Asian	Other/Unknown	
0-4	46,832	73,219	13,420	4,312	2,561	2,067	142,411
5-9	22,723	34,377	5,828	1,682	978	918	66,506
10-14	15,940	18,191	3,632	955	437	514	39,669
15-19	38,765	34,226	9,072	1,834	1,066	973	85,936
20-24	51,538	36,108	13,355	2,388	1,322	1,058	105,769
25-34	105,884	59,402	22,477	5,268	2,881	2,032	197,944
35-44	86,703	43,664	16,358	3,689	2,725	1,687	154,826
45-54	85,722	31,543	14,362	2,726	1,884	1,454	137,691
55-64	65,201	17,908	8,711	1,344	1,513	927	95,604
65-74	55,304	10,609	3,629	655	1,129	633	71,959
75-84	44,899	5,833	1,794	260	814	402	54,002
85+	27,976	2,123	656	71	268	164	31,258
Unknown	3	3	0	0	0	8	14
Total	647,490	367,206	113,294	25,184	17,578	12,837	1,183,589

Table 5.12 Number of Emergency Department Visits by Age Group by Sex

Age Group	Number of ED Visits by Gender			Total
	Female	Male	Other/Unknown	
0-4	67,769	77,639	3	142,411
5-9	30,701	35,805	0	66,506
10-14	18,699	20,971	0	39,669
15-19	50,677	35,259	0	85,936
20-24	68,318	37,450	1	105,769
25-34	123,786	74,158	0	197,944
35-44	92,778	62,048	0	154,826
45-54	77,762	59,928	1	137,691
55-64	52,972	42,632	0	95,604
65-74	41,168	30,791	0	71,959
75-84	31,542	22,460	0	54,002
85+	17,122	9,887	0	31,258
Unknown	4	9	1	14
Total	673,333	510,250	6	1,183,589

Maricopa County 2013 Hospital Discharge Statistics

Table 5.13 Number of Emergency Department Visits by Sex and Payer Type

Payer Group	Gender						Total	
	Male		Female		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%
Self Pay	109,138	21.4	99,400	14.8	3	50.0	208,541	17.6
Private Insurance	136,698	26.8	184,977	27.5	1	16.7	321,676	27.2
Medicare	85,679	16.8	121,804	18.1	0	0.0	207,483	17.5
AHCCCS Medicaid	157,077	30.8	245,490	36.5	1	16.7	402,568	34.0
Other	21,658	4.2	21,662	3.2	1	16.7	43,321	3.7
Total	510,250	100.0	673,333	100.0	6	100.0	1,183,589	100.0

Maricopa County 2013 Hospital Discharge Statistics

Table 5.14a Selected Primary Diagnosis Groups by Race/Ethnicity
Number of Emergency Department Visits

Primary Diagnosis	Number of ED Visits by Race/Ethnicity						Total
	White	Hispanic	African American	American Indian	Asian	Other/Unknown	
Infectious and Parasitic Diseases	9,611	11,229	2,762	604	331	306	24,843
Neoplasms	956	539	211	20	29	31	1,786
Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	10,477	5,050	1,823	439	295	174	18,258
Diseases of the Blood and Blood-forming Organs	1,885	1,091	834	53	76	51	3,990
Mental Disorders	23,523	7,633	2,532	1,503	357	380	35,928
Diseases of the Nervous System and Sense Organs	34,545	24,726	6,738	1,653	835	669	69,166
Diseases of the Circulatory System	21,228	5,101	2,848	278	467	304	30,226
Diseases of the Respiratory System	52,222	47,263	14,621	3,227	1,858	1,370	120,561
Diseases of the Digestive System	38,811	24,517	6,886	1,541	1,029	726	73,510
Diseases of the Genitourinary System	39,390	23,635	7,026	1,261	1,080	659	73,051
Complications of Pregnancy, Childbirth, & the Puerperium	14,696	15,416	4,364	729	694	315	36,214
Diseases of the Skin and Subcutaneous Tissue	22,788	13,734	4,021	963	528	459	42,493
Diseases of the Musculoskeletal System and Connective Tissue	48,260	19,910	8,720	1,616	947	832	80,285
Congenital Anomalies	214	153	30	8	2	7	414
Certain Conditions Originating in the Perinatal Period	698	1,025	177	52	45	38	2,035
Symptoms, Signs, and Ill-defined Conditions	173,952	91,983	28,250	5,547	5,154	3,417	308,303
Injury and Poisoning	140,638	67,411	18,646	5,046	3,478	2,779	237,998
Newborn Infant	7	5	1	1	0	0	14
Other Healthcare Encounters	13,589	6,785	2,804	643	373	320	24,514
Total	647,490	367,206	113,294	25,184	17,578	12,837	1,183,589

Maricopa County 2013 Hospital Discharge Statistics

Table 5.14b Selected Primary Diagnosis Groups by Race/Ethnicity—Crude Rate of Emergency Department Visits per 100,000 Residents

Primary Diagnosis	Rate of ED Visits by Race/Ethnicity						Total
	White	Hispanic	African American	American Indian	Asian	Other/Unknown*	
Infectious and Parasitic Diseases	416.5	933.2	1,399.3	917.7	211.1	-	619.6
Neoplasms	41.4	44.8	106.9	30.4	18.5	-	44.5
Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	454.0	419.7	923.6	667.0	188.1	-	455.4
Diseases of the Blood and Blood-forming Organs	81.7	90.7	422.5	80.5	48.5	-	99.5
Mental Disorders	1,019.3	634.4	1,282.7	2,283.6	227.6	-	896.1
Diseases of the Nervous System and Sense Organs	1,497.0	2,055.0	3,413.5	2,511.5	532.4	-	1,725.1
Diseases of the Circulatory System	919.9	423.9	1,442.8	422.4	297.8	-	753.9
Diseases of the Respiratory System	2,263.0	3,928.0	7,407.2	4,902.9	1,184.8	-	3,006.9
Diseases of the Digestive System	1,681.8	2,037.6	3,488.5	2,341.3	656.1	-	1,833.4
Diseases of the Genitourinary System	1,706.9	1,964.3	3,559.5	1,915.9	688.7	-	1,822.0
Complications of Pregnancy, Childbirth, & the Puerperium	636.8	1,281.2	2,210.9	1,107.6	442.5	-	903.2
Diseases of the Skin and Subcutaneous Tissue	987.5	1,141.4	2,037.1	1,463.1	336.7	-	1,059.8
Diseases of the Musculoskeletal System and Connective Tissue	2,091.3	1,654.7	4,417.7	2,455.3	603.9	-	2,002.4
Congenital Anomalies	9.3	12.7	15.2	12.2	1.3	-	10.3
Certain Conditions Originating in the Perinatal Period	30.2	85.2	89.7	79.0	28.7	-	50.8
Symptoms, Signs, and Ill-defined Conditions	7,538.0	7,644.7	14,311.8	8,427.8	3,286.5	-	7,689.5
Injury and Poisoning	6,094.4	5,602.5	9,446.3	7,666.6	2,217.8	-	5,936.0
Newborn Infant	0.3	0.4	0.5	1.5	0.0	-	0.3
Other Healthcare Encounters	588.9	563.9	1,420.5	976.9	237.8	-	611.4
Total	28,058.3	30,518.6	57,396.0	38,263.1	11,208.7	-	29,520.3

*Rate not calculated because population denominator unavailable for this group

Maricopa County 2013 Hospital Discharge Statistics
Table 5.15a Selected Primary Diagnosis Groups by Age Groups
Number of Emergency Department Visits

Primary Diagnosis	Number of ED Visits by Age Group													Total
	0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Other/ Unk.	
Infectious and Parasitic Diseases	7,073	3,821	1,388	1,925	2,036	3,059	1,799	1,470	922	651	462	237	0	24,843
Neoplasms	67	52	20	49	64	208	338	314	229	233	155	57	0	1,786
Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	963	401	315	789	987	2,287	2,770	3,093	2,508	1,942	1,423	780	0	18,258
Diseases of the Blood and Blood-forming Organs	286	268	202	246	245	590	503	421	333	383	331	182	0	3,990
Mental Disorders	96	320	808	4,028	4,131	8,288	6,345	6,079	3,148	1,298	861	526	0	35,928
Diseases of the Nervous System and Sense Organs	14,603	5,804	2,259	3,684	4,725	10,719	9,369	8,042	4,849	2,748	1,579	785	0	69,166
Diseases of the Circulatory System	100	68	91	412	667	1,993	3,111	4,685	5,204	5,759	5,160	2,973	3	30,226
Diseases of the Respiratory System	38,282	13,288	5,435	7,553	8,093	13,912	10,323	8,856	6,126	4,320	2,896	1,477	0	120,561
Diseases of the Digestive System	8,062	3,983	2,431	4,426	6,785	14,712	10,410	8,611	5,525	3,964	3,004	1,597	0	73,510
Diseases of the Genitourinary System	3,112	2,095	1,036	6,485	10,706	16,741	10,964	7,880	4,822	4,197	3,109	1,904	0	73,051
Complications of Pregnancy, Childbirth, & the Puerperium	0	0	6	4,778	11,932	15,559	3,868	69	2	0	0	0	0	36,214
Diseases of the Skin and Subcutaneous Tissue	5,376	2,494	1,496	3,336	4,265	7,794	6,057	5,133	2,948	1,854	1,144	596	0	42,493
Diseases of the Musculoskeletal System and Connective Tissue	1,159	1,353	1,617	3,993	5,525	14,711	14,439	14,539	9,556	6,446	4,492	2,455	0	80,285
Congenital Anomalies	133	23	18	19	30	48	44	36	22	15	18	8	0	414
Certain Conditions Originating in the Perinatal Period	2,001	0	1	1	10	14	6	0	1	0	0	1	0	2,035
Symptoms, Signs, and Ill-defined Conditions	31,149	13,801	8,072	18,939	23,172	47,880	44,090	41,192	29,784	23,164	17,605	9,454	1	308,303
Injury and Poisoning	26,602	17,731	13,812	23,355	20,131	35,323	27,128	24,170	17,634	13,635	10,802	7,666	9	237,998
Newborn Infant	14	0	0	0	0	0	0	0	0	0	0	0	0	14
Other Healthcare Encounters	3,333	1,004	662	1,918	2,265	4,106	3,262	3,101	1,991	1,350	961	560	1	24,514
Total	142,411	66,506	39,669	85,936	105,769	197,944	154,826	137,691	95,604	71,959	54,002	31,258	14	1,183,589

Maricopa County 2013 Hospital Discharge Statistics

Table 5.15b Selected Primary Diagnosis Groups by Age Group - Crude Rate of Emergency Department Visits per 100,000 Residents

Primary Diagnosis	ED Visits Rate by Age Group													Total
	0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Other/ Unk.*	
Infectious and Parasitic Diseases	2,602.1	1,321.1	484.2	703.9	713.3	538.8	334.4	282.7	210.0	210.6	285.7	352.1	-	619.6
Neoplasms	24.6	18.0	7.0	17.9	22.4	36.6	62.8	60.4	52.2	75.4	95.9	84.7	-	44.5
Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	354.3	138.6	109.9	288.5	345.8	402.8	514.8	594.9	571.3	628.3	880.0	1,158.9	-	455.4
Diseases of the Blood and Blood-forming Organs	105.2	92.7	70.5	90.0	85.8	103.9	93.5	81.0	75.9	123.9	204.7	270.4	-	99.5
Mental Disorders	35.3	110.6	281.9	1,473.0	1,447.3	1,459.8	1,179.3	1,169.2	717.1	420.0	532.5	781.5	-	896.1
Diseases of the Nervous System and Sense Organs	5,372.2	2,006.8	788.1	1,347.2	1,655.4	1,888.0	1,741.3	1,546.7	1,104.5	889.1	976.5	1,166.3	-	1,725.1
Diseases of the Circulatory System	36.8	23.5	31.7	150.7	233.7	351.0	578.2	901.1	1,185.4	1,863.3	3,191.2	4,417.1	-	753.9
Diseases of the Respiratory System	14,083.4	4,594.4	1,896.0	2,762.0	2,835.3	2,450.4	1,918.6	1,703.3	1,395.4	1,397.7	1,791.0	2,194.4	-	3,006.9
Diseases of the Digestive System	2,965.9	1,377.2	848.1	1,618.5	2,377.1	2,591.3	1,934.8	1,656.1	1,258.5	1,282.6	1,857.8	2,372.7	-	1,833.4
Diseases of the Genitourinary System	1,144.9	724.4	361.4	2,371.5	3,750.8	2,948.6	2,037.7	1,515.6	1,098.4	1,357.9	1,922.7	2,828.8	-	1,822.0
Complications of Pregnancy, Childbirth, & the Puerperium	0.0	0.0	2.1	1,747.2	4,180.3	2,740.4	718.9	13.3	0.5	0.0	0.0	0.0	-	903.2
Diseases of the Skin and Subcutaneous Tissue	1977.8	862.3	521.9	1,219.9	1,494.2	1,372.8	1,125.7	987.2	671.5	599.9	707.5	885.5	-	1,059.8

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Maricopa County 2013 Hospital Discharge Statistics

(Table 5.15b Continued)

Primary Diagnosis	ED Visits Rate by Age Group													Total
	0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Other/ Unk.*	
Diseases of the Musculoskeletal System and Connective Tissue	426.4	467.8	564.1	1,460.2	1,935.6	2,591.1	2,683.6	2,796.3	2,176.7	2,085.6	2,778.0	3,647.5	-	2,002.4
Congenital Anomalies	48.9	8.0	6.3	6.9	10.5	8.5	8.2	6.9	5.0	4.9	11.1	11.9	-	10.3
Certain Conditions Originating in the Perinatal Period	736.1	0.0	0.3	0.4	3.5	2.5	1.1	0.0	0.2	0.0	0.0	1.5	-	50.8
Symptoms, Signs, and Ill-defined Conditions	11,459.3	4,771.8	2,816.0	6,925.7	8,118.1	8,433.2	8,194.5	7,922.4	6,784.4	7,494.8	10,887.6	14,046.1	-	7,689.5
Injury and Poisoning	9,786.5	6,130.6	4,818.4	8,540.6	7,052.7	6,221.5	5,042.0	4,648.6	4,016.8	4,411.6	6,680.4	11,389.6	-	5,936.0
Newborn Infant	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.3
Other Healthcare Encounters	1,226.2	347.1	230.9	701.4	793.5	723.2	606.3	596.4	453.5	436.8	594.3	832.0	-	611.4
Total	52,390.9	22,995.0	13,838.8	31,425.6	37,055.4	34,864.3	28,775.7	26,481.9	21,777.2	23,282.5	33,397.0	46,440.9	-	29,520.3

* Rate not calculated because population denominator unavailable for this group

Maricopa County 2013 Hospital Discharge Statistics

Table 5.16a Selected Primary Diagnosis Groups by Sex
Number of Emergency Department Visits

Primary Diagnosis	Number of ED Visits by Gender			Total
	Female	Male	Other/ Unknown	
Infectious and Parasitic Diseases	13,713	11,130	0	24,843
Neoplasms	1,125	661	0	1,786
Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	9,537	8,721	0	18,258
Diseases of the Blood and Blood-forming Organs	2,350	1,640	0	3,990
Mental Disorders	17,403	18,525	0	35,928
Diseases of the Nervous System and Sense Organs	39,983	29,182	1	69,166
Diseases of the Circulatory System	15,653	14,571	2	30,226
Diseases of the Respiratory System	63,167	57,393	1	120,561
Diseases of the Digestive System	41,054	32,456	0	73,510
Diseases of the Genitourinary System	53,738	19,313	0	73,051
Complications of Pregnancy, Childbirth, & the Puerperium	36,214	0	0	36,214
Diseases of the Skin and Subcutaneous Tissue	21,621	20,872	0	42,493
Diseases of the Musculoskeletal System and Connective Tissue	45,692	34,593	0	80,285
Congenital Anomalies	208	206	0	414
Certain Conditions Originating in the Perinatal Period	947	1,088	0	2,035
Symptoms, Signs, and Ill-defined Conditions	184,526	123,776	1	308,303
Injury and Poisoning	115,065	122,932	1	237,998
Newborn Infant	4	10	0	14
Other Healthcare Encounters	11,333	13,181	0	24,514
Total	673,333	510,250	6	1,183,589

Maricopa County 2013 Hospital Discharge Statistics

Table 5.16b Selected Primary Diagnosis Groups by Sex—Crude Rate of Emergency Department Visits per 100,000 Residents

Primary Diagnosis	ED Visits Rate by Gender			Total
	Female	Male	Other/ Unknown*	
Infectious and Parasitic Diseases	677.1	560.9	-	619.6
Neoplasms	55.5	33.3	-	44.5
Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	470.9	439.5	-	455.4
Diseases of the Blood and Blood-forming Organs	116.0	82.7	-	99.5
Mental Disorders	859.3	933.6	-	896.1
Diseases of the Nervous System and Sense Organs	1,974.2	1,470.7	-	1,725.1
Diseases of the Circulatory System	772.9	734.4	-	753.9
Diseases of the Respiratory System	3,119.3	2,892.5	-	3,006.9
Diseases of the Digestive System	2,027.1	1,635.7	-	1,833.4
Diseases of the Genitourinary System	2,653.4	973.4	-	1,822.0
Complications of Pregnancy, Childbirth, & the Puerperium	1,788.1	0.0	-	903.2
Diseases of the Skin and Subcutaneous Tissue	1,067.6	1,051.9	-	1,059.8
Diseases of the Musculoskeletal System and Connective Tissue	2,256.1	1,743.4	-	2,002.4
Congenital Anomalies	10.3	10.4	-	10.3
Certain Conditions Originating in the Perinatal Period	46.8	54.8	-	50.8
Symptoms, Signs, and Ill-defined Conditions	9,111.3	6,238.2	-	7,689.5
Injury and Poisoning	5,681.6	6,195.6	-	5,936.0
Newborn Infant	0.2	0.5	-	0.3
Other Healthcare Encounters	559.6	664.3	-	611.4
Total	33,247.1	25,716.0	-	29,520.3

*Rate not calculated because population denominator unavailable for this group

Maricopa County 2013 Hospital Discharge Statistics

Table 5.17 Number of Injury Related Emergency Department Visits by Race/Ethnicity

Primary Cause of Injury	Number of Injury Related ED Visits by Race/Ethnicity						Total
	White	Hispanic	African American	American Indian	Asian	Other/Unknown	
Motor Vehicle Traffic	16,390	8,497	3,216	473	648	514	29,738
Firearm	198	174	88	11	3	14	488
Poisoning	5,063	1,882	651	199	82	73	7,950
Fall	52,763	20,757	4,557	1,582	1,037	870	81,566
Suffocation or Drowning	248	124	32	15	7	7	433
Fire or Burn	1,941	1,294	343	93	79	68	3,818
Cut or Pierce	10,382	5,449	1,254	416	283	226	18,010
Struck By or Against	20,782	11,457	3,516	944	507	430	37,636
Other Causes	15,597	9,688	2,348	703	420	344	29,100
Other Transport	4,919	1,681	325	144	84	74	7,227
Overexertion	12,635	5,872	1,928	439	277	221	21,372
Cause Unknown/Unspecified	12,463	6,407	2,490	603	290	239	22,492
Total	153,381	73,282	20,748	5,622	3,717	3,080	259,830

Maricopa County 2013 Hospital Discharge Statistics

Table 5.18 Number of Injury Related Emergency Department Visits by Age Group

Primary Cause of Injury	Number of Injury Related ED Visits by Age Group													Total
	0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Other/Unk.	
Motor Vehicle Traffic	666	879	775	3,593	4,362	6,567	4,616	3,759	2,381	1,300	641	194	5	29,738
Firearm	3	3	3	70	100	145	82	40	23	7	5	3	4	488
Poisoning	949	141	203	1,233	918	1,456	1,036	985	547	271	142	69	0	7,950
Fall	12,486	7,235	4,588	4,573	3,424	7,089	6,362	7,287	7,383	7,106	7,497	6,536	0	81,566
Suffocation or Drowning	124	24	19	43	39	49	46	34	24	14	10	7	0	433
Fire or Burn	682	256	139	312	361	711	536	403	230	132	40	16	0	3,818
Cut or Pierce	1,048	1,059	822	1,984	2,404	3,619	2,592	1,907	1,272	781	370	152	0	18,010
Struck By or Against	3,542	3,574	3,696	5,916	3,788	6,294	4,117	3,052	1,641	987	652	376	1	37,636
Other Causes	5,384	3,107	1,415	2,080	2,359	4,126	3,271	3,041	1,915	1,325	765	347	1	29,100
Other Transport	304	694	719	988	638	1,049	892	951	517	284	131	60	0	7,227
Overexertion	957	600	1,248	2,779	2,109	4,400	3,426	2,701	1,439	944	553	216	0	21,372
Cause Unknown/Unspecified	1,438	782	768	1,827	2,314	4,654	3,511	2,926	1,841	1,153	784	493	1	22,492
Total	27,547	18,354	14,395	25,398	22,816	40,159	30,487	27,086	19,213	14,304	11,590	8,469	12	259,830

Maricopa County 2013 Hospital Discharge Statistics

Table 5.19 Number of Injury Related Emergency Department Visits by Sex

Primary Cause of Injury	Number of Injury Related ED Visits by Sex			Total
	Female	Male	Other/ Unknown	
Motor Vehicle Traffic	16,158	13,578	2	29,738
Firearm	60	428	0	488
Poisoning	4,507	3,443	0	7,950
Fall	44,513	37,053	0	81,566
Suffocation or Drowning	198	235	0	433
Fire or Burn	1,898	1,920	0	3,818
Cut or Pierce	6,989	11,021	0	18,010
Struck By or Against	14,437	23,199	0	37,636
Other Causes	14,161	14,939	0	29,100
Other Transport	2,409	4,818	0	7,227
Overexertion	10,592	10,780	0	21,372
Cause Unknown/Unspecified	11,478	11,014	0	22,492
Total	127,400	132,428	2	259,830

VI. Technical Notes

Population Statistics

Population statistics are shown in Tables **1.01** and **1.02**. This report used the 2013 Census data.

- The Maricopa County population is from the U.S. Census Bureau, County Population Estimates by Age, Sex, Race and Hispanic Origin for July 1, 2013, released June 2013. This is at <http://www.census.gov/popest/data/counties/asrh/2013/CC-EST2013-ALLDATA.html>.

The estimates for 2013 are based on the 2010 Census Decennial counts. It takes into consideration births, deaths, and migration in and out of Maricopa County since April 1, 2010. For more information on the methodology used to estimate the population please see *Methodology for the State and County Resident Population Estimates by Age, Sex, Race, and Hispanic Origin (Vintage 2012): April 1, 2010 to July 1, 2013*. This is located at <http://www.census.gov/popest/methodology/2013-natstcopr-meth.pdf>

This report defines “Hispanic” as all respondents listing Hispanic as “origin”, either alone or in combination with any race. The table below shows how the U.S. Census variables of “origin” and “race” are used for categorization in this report.

Table 6.1 Race/Ethnicity Categories Used in This Report		
Category Used in This Report	U.S. Census Code “Race”	U.S. Census Code “Origin”
White	Race=1 (White Alone)	Origin=1 (Non-Hispanic)
African American	Race=2 (Black Alone)	Origin=1 (Non-Hispanic)
American Indian, Non-Hispanic	Race=3 (American Indian or Alaska Native Alone)	Origin=1 (Non-Hispanic)
Asian	Race=4 (Asian Alone) or 5 (Native Hawaiian or Other Pacific Islander Alone)	Origin=1 (Non-Hispanic)
Multiple	Race=6 (Two or More Races)	Origin=1 (Non-Hispanic)
Other	Race=7 (Some Other Race)	Origin=1 (Non-Hispanic)
Hispanic	Race=1,2,3,4,5,6,7	Origin=2 (Hispanic)

The race category “Multiple” is only used for data from mortality (death) records. For all other data sources (communicable, birth, hospital discharge) the Multiple race population is included with “Other” because these data sources do not allow the selection of more than one race. Census data is used to calculate rates for mortality, morbidity, and hospital discharge data. Any crude rate can be calculated by taking the number of events from any table in this report (for mortality, morbidity and hospital discharge) and dividing it by the appropriate age, gender, race/ethnicity, or total population denominator found in Tables **1.01** and **1.02**. In tables where rates are shown, “0” means there were no cases in that category. However, when the number “0.0” is shown, it means that there were fewer than 0.05 deaths per 100,000 residents. Only a couple conditions, Sudden Infant Death Syndrome (SIDS) in the mortality tables and Strep Group B in the morbidity tables, are calculated differently. By definition, SIDS deaths and Strep Group B cases only occur in infants; as a result, these numbers are divided by the number of live births (rather than the standard 100,000 residents) to produce a rate per 1,000 live births.

Rates for some racial/ethnic populations such as American Indians, Asians, and African Americans may be high compared to other groups. Because these groups have relatively small populations in Maricopa County (under 200,000 residents) as shown in Tables **1.01** and **1.02**, these high rates may represent very few deaths/cases. Among small populations, rates are less stable so one case or death can cause a big increase or decrease in the rates from year to year. Therefore, it is advisable to

examine the raw number of cases or deaths in addition to the rates. There are no rates provided for the categories labeled “Unknown Age”, “Unknown Gender”, and “Unknown Race/Ethnicity.” This is because there is no denominator to use for calculating the rate as the U.S. Census does not report any data on “Unknown Age,” “Unknown Gender,” or “Unknown Race/Ethnicity.”

Mortality (Death) Statistics

Mortality (death) statistics are shown in Tables **2.01a** through **2.18**.

All data on mortality statistics are from death certificates included in the Arizona Department of Health Services (ADHS) final annual files. The data presented in this report include Maricopa County residents only. This includes Maricopa County residents who died in Maricopa County and residents who died elsewhere. Non-Maricopa County residents who died in Maricopa County are not included.

In Tables **2.03a** through **2.05b**, unintentional injury deaths can be found by adding two categories – “Motor Vehicle Collisions” and “All Other Accidents”. The total for unintentional injuries in this report is higher than the figure reported by ADHS because deaths from “complications of medical and surgical care” are included in most tables in this report. This convention follows the national model for classifying unintentional injuries. “Complications of medical and surgical care” include deaths from medical devices, adverse effects related to correct doses of therapeutic medications, and misadventures to patients during surgical or medical care (ICD-10 Y40-Y84, Y88). The only exceptions to this method are in Tables **2.15** and **2.16**, where unintentional injury deaths do not include complications of medical/surgical care to make them comparable to the Healthy People 2020 goals.

Tables **2.06a** through **2.09b** do not report total deaths by Race/Ethnicity, Age Group, or Sex because the causes of death reported in these tables are a subset of the causes of death reported in tables **2.03a** through **2.05b**.

Unless otherwise noted, all deaths are attributed to one underlying condition, based on death certificate information, using the rules of the International Classification of Diseases, 10th Revision (ICD-10). Causes of death are classified by ICD-10 codes. The codes used for each category are listed in Table **6.2** below. . Although other causes may have contributed to death, the underlying cause of death is the cause that began the disease process that resulted in death. The underlying causes of death shown in this report are based on the 113 selected causes of death reported by National Center for Health Statistics (NCHS) in their annual report. The number for certain cause of death in this report could be different from other reports generated from our office due to different initiatives or protocols set for that specific cause of death. A few additional causes of death, like coccidioidomycosis, have been selected due to their importance in Arizona.

Table 6.2 ICD-10 Codes Used for This Report

Cause	ICD-10 Codes Used
<i>Clostridium difficile</i>	A04.7
Salmonella & Other Intestinal Infections	A01-A04.6, A04.8-A04.9, A06-A09
Tuberculosis	A16-A19
Septicemia	A40-A41
Syphilis	A50-A53
HIV Disease	B20-B24
Viral Hepatitis	B15-B19
Coccidioidomycosis	B38
Other Mycoses	B35-B37, B39-B49
Malignant Neoplasms (<i>Cancer</i>)	C00-C97
Malignant Neoplasm of the Stomach	C16
Malignant Neoplasm of the Colon	C18-C21
Malignant Neoplasm of the Pancreas	C25
Malignant Neoplasm of Bronchus, Lung, or Trachea	C33-C34
Malignant Neoplasm of Skin	C43

(Continued on next page)

(Table 6.2 Continued)

Malignant Neoplasm of the Breast	C50
Malignant Neoplasm of the Uterus, Cervix, Ovary	C53-C56
Malignant Neoplasm of the Ovary	C56
Malignant Neoplasm of the Prostate	C61
Malignant Neoplasm of the Testes	C62
Malignant Neoplasm of Urinary Organs	C64-C68
Malignant Neoplasm of the Meninges, Brain, and Central Nervous System	C70-C72
Non-Hodgkins Lymphoma	C82-C85
Leukemia	C91-C95
Other Malignant Neoplasms	C00-C15, C17, C22-C24, C26-C32, C37-C49, C51-C52, C57-C60, C62-C63, C69-C81, C88, C90, C96-97
Anemias	D56-D64
Diabetes	E10-E14
Nutritional Deficiencies	E40-E64
Obesity	E66
Mental & Behavioral Disorders Due to the Use of Alcohol	F10
Parkinson's Disease	G20-G21
Alzheimer's	G30
Multiple Sclerosis	G30
Epilepsy	G35
Major Cardiovascular Disease	I00-I78
Disease of Heart	I00-I09, I11, I13, I20-I51
Hypertensive Heart Disease	I11, I13
Ischemic Heart Disease	I20-I25
Acute Myocardial Infarction	I21-I22
Other Heart Disease	I00-I09, I26-I51
Congestive Heart Failure	I50
Coronary Heart Disease	I11, I20-I25
Primary Hypertension	I10, I12
Cerebrovascular Diseases	I60-I69
Atherosclerosis	I70
Other Circulatory	I71-I78
Influenza & Pneumonia	J09-J18
Chronic Lower Respiratory	J40-J47
Emphysema	J43
Asthma	J45-J46
Peptic Ulcer	K25-K28
Liver Disease (<i>including chronic liver disease, cirrhosis, alcoholic liver disease, and other chronic liver disease</i>)	K70, K73-K74
Alcoholic Liver Disease	K70
Rheumatoid Arthritis	M05-M08
Lupus	M32
Osteoporosis	M80-M81
Nephritis, Nephritic Syndrome and Nephrosis	N00-N07, N17-N19, N25-N27
Pregnancy, Childbirth, and the Puerperium	A34, O00-O99
Perinatal Conditions	P00-P96
Disorders Related to Short Gestation and Low Birth Weight (<i>LBW</i>)	P07
Congenital Malformations	Q00-Q99
Congenital Malformations of the Circulatory System	Q20-Q28

(Continued on next page)

(Table 6.2 Continued)

Chromosomal Abnormalities	Q90-Q99
SIDS (<i>Sudden Infant Death Syndrome</i>)	R95
Ill Defined Disease Conditions (<i>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified, excluding SIDS</i>)	R00-R94, R96-R99
All Other Diseases	A00-A09, A20-A33, A35-A49, A54-B19, B25-B99, D00-E07, E15-G25, G31-H93, I80-J06, J20-J39, J60-K22, K29-K66, K71-K72, K75-M99, N10-N15N20-N23, N28-N98
Motor Vehicle Collisions	V02-V04, V09.0, V09.2, V12-V14, V19.0 - V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0 V89.2
All Other Accidents & Adverse Effects	V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9 V90-X29, X31-X59, Y40-Y86, Y88
Falls	W00-W19
Excessive Exposure to Natural Heat	X30
Accidental Poisoning	X40-X49
Accidental Drowning (<i>Excludes drowning involving water transportation</i>)	W65-W74
Legal Intervention	Y35, Y890
Accidental Discharge of Firearms	W32-W34
Discharge of Firearms, Undetermined Intent	Y22-Y24
Complications of Medical and Surgical Care (<i>Excludes accidental overdose of a drug or drugs administered in error</i>)	Y40-Y84, Y88
Suicide	U03, X60-X84, Y87.0
Homicide	U01-U02, X85-Y09, Y87.1
All Other External Causes	Y10-Y36, Y87.2, Y89
Unknown Causes	No ICD code listed
Firearm Related	W32-W34, X72-X74, X93-X95, Y22-Y24, Y35.0
Drug Induced or Related	F11.0-F11.5, F11.7-F11.9, F12.0-F12.5, F12.7-F12.9, F13.0-F13.5, F13.7-F13.9, F14.0-F14.5, F14.7-F14.9, F15.0-F15.5, F15.7-F15.9, F16.0-F16.5, F16.7-F16.8, F17.0, F17.3-F17.5, F17.7-F17.9, F18.0-F18.5, F18.7-F18.9, F19.0-F19.5, F19.7-F19.9, X40-X44, X60-X64, X85, Y10-Y14
Alcohol Induced or Related	F10, G31.2, G62.1, I42.6, K29.2, K70, R78.0, X45, X65, Y15

Tables **2.09a** through **2.11b** show deaths resulting directly (induced) and indirectly (related) from firearms, drugs, and alcohol. Drugs include prescription medications and illegal substances, regardless of whether use was recreational or medicinal. Tobacco is considered a drug by the NCHS. Drug-related deaths are listed both with and without tobacco-related deaths, because tobacco is not often considered to be a drug in the colloquial sense.

Induced deaths refer to cases in which the use of a firearm, drug, or alcohol contributed directly to the cause of death, i.e., death due to an overdose of drugs, or a fatal gunshot injury. Related deaths refer

to cases in which the use of a drug or alcohol was listed on the death certificate, but the substance was not necessarily involved in the final cause of death, i.e., death due to dehydration resulting from environmental exposure, with chronic drug use noted elsewhere on the certificate. Related causes of deaths are counted using multiple causes of death (MCD) data supplied by ADHS with the final annual mortality files. This is the only place multiple cause of death data are used in this report.

Firearm, drug, and alcohol induced deaths overlap with a number of other categories, such as suicide, homicide, unintentional injury, etc. For example, a firearm induced death may also be classified as a suicide, homicide, or “other accident or adverse effect.” An alcohol induced death may be attributed to a short or long term effect of alcohol, such as acute alcohol intoxication or alcoholic cardiomyopathy.

This report only reports heat deaths where heat is the underlying Cause of Death (COD). In other reports produced by Maricopa County regarding heat deaths, the number of deaths may be greater. In the other reports the following criteria is used in classifying heat deaths. Heat-caused deaths are death where heat directly caused the decedent to die. The death certificate has heat mentioned in the Part I of the death certificate. Part I is a progression of disease that leads to the immediate cause of death. Heat-related deaths are deaths where the heat played a part by exacerbating pre-existing conditions, resulting in death. The death certificate has heat mentioned in the Part II of the death certificate. Part II is other significant conditions contributing to death but not resulting in the underlying cause given in Part I. In this report, the criterion used for classifying a death as heat is the underlying cause of death code. These deaths may have been classified as heat-caused or heat-related in the other reports.

Tables **2.15** and **2.16** show age-adjusted rates for Maricopa County. Age-adjusting removes the effect of a disproportionately large young or old population on crude death rates by computing an “adjusted” death rate. An age adjusted rate allows comparisons between different groups, even if one group has more older residents than another. A high (unadjusted) death rate for residents of a certain town may be high *only* because that town has more senior citizens, who are more likely to die than younger residents. Age-adjusted rates allow comparisons between towns, ethnic groups, etc. by adjusting for how many older and younger members there are in the group. For example, the population pyramids at the beginning of this report show a greater percentage of White non-Hispanics over the age 65 than Hispanics. This creates a much lower crude death rate for Hispanics compared to White non-Hispanics. Age adjustment shows that White non-Hispanics still have a higher death rate, but the difference is not as extreme. Maricopa County rates are age-adjusted to the 2000 standard population using the direct method described in *Health, United States, 2002* published by the National Center for Health Statistics at www.cdc.gov/nchs/data/hus/hus02.pdf, p.414. Arizona, Healthy People goals, and U.S. rates included in this report are published as age-adjusted to the 2000 standard population by the agencies generating the rates.

For Table **2.16**, the mortality rate for breast cancer is calculated among women only (using only female residents in the denominator). The few male residents with breast cancer are not included in the numerator of the rate for breast cancer. See Table **2.05a** for the incidence of male breast cancer. For Tables **2.03b**, **2.04b**, **2.05b**, **2.06b**, **2.07b**, **2.08b** and **2.16**, prostate and testicular cancer rates are calculated among men only (using only male residents in the denominator), and uterine cancer, ovarian cancer, and pregnancy death rates are calculated among women only. In all other tables, and for all other diseases, the total population is used for the denominator for these conditions.

For Table **2.17a**, the leading causes of death by race/ethnicity are shown. The leading causes of death are those causes that had the most deaths. It does not take into consideration the death rate or the age-adjusted death rate. For Black, American Indian, and Asian residents, only a few of the leading causes of death are shown due to the small number of deaths.

Table **2.18** shows the Years of Potential Life Lost (YPLL). YPLL is an estimate of the additional years people might have lived had they not died prematurely from a given cause of death. The following method is used to calculate YPLL.

- First, life expectancies for males and females in the U.S. are obtained from the National Center for Health Statistics. For 2013, these were 76.4 years for males and 81.2 years for females.
- Second, the age of each decedent was subtracted from the life expectancy for males and females depending on the sex of the decedent to determine the YPLL for each decedent.

- If the decedent lived past the age of life expectancy, they were given a value of 0 for YPLL.
- Third, the YPLL was added up for each decedent to calculate the total number of YPLL in Maricopa County and by each reported cause of death.

By reporting YPLL, causes of death that have a tendency to occur in an older population, such as heart disease and Alzheimer's disease, have less weight than deaths that occur in a younger population, such as homicide and suicide. In 2013, Alzheimer's was the 5th leading cause of death, suicide was the 8th, and homicide was not in the top ten. Based on the YPLL, suicide resulted in the 7th most YPLL, homicide the 10th, and Alzheimer's disease was not in the top ten of YPLL.

A recent decrease in the number of deaths with an underlying cause of death due to pneumonia and influenza has been noted. A review of all deaths has found that although the percent of death certificates that mention either pneumonia or influenza has not decreased, the percent of death certificates that have pneumonia or influenza as the underlying cause of death has decreased. At this time there is no explanation for this decrease. Decreases may occur due to changes in the coding of disease, improvements in the writing of cause of deaths by medical providers, or some other random cause. This decrease is being investigated further.

In 2010, the Arizona Department of Health Service Office of Vitals Records modified the death certificate to meet the recommendations of the 2003 Standard developed by the National Center for Health Statistics. Some of the changes directly impacted the data presented in this report. The changes in death certificates include questions pertaining to tobacco use, pregnancy status, classification of education level, and the introduction of classifying an individual to more than one race group. Each of these changes will be discussed further below.

The tobacco use question asks if the cause of death is related to tobacco use. The certifier can select "Yes," "No," "Probably," or "Unknown." If either "Yes" or "Probably" is selected, the death will then have an ICD-10 code for tobacco. This new question caused a sharp increase in the number of deaths that are drug-related in Tables **2.09a**, **2.10a**, and **2.11a**. This increase is not necessarily due to more deaths being related to tobacco use, but rather by a change in identifying deaths due to tobacco use.

The pregnancy status question asks the certifier to select if the female decedent was "Pregnant at time of death," "Not pregnant but pregnant within 42 days of death," "Not pregnant but pregnant 43 days to 1 year before death," or not pregnant. The certifier can also select "Unknown." In 2010, there was an increase in the number of deaths to women due to pregnancy. The increase is not necessarily due to more pregnancy-related deaths, but rather by a change in identifying deaths of women who were pregnant in the last year prior to death.

The education level question on the death certificate asks for the highest level of education attained by the decedent. In previous reports, education was determined by the number of years of education, from 0 years to 17 years. Education classification in those reports had 13-15 years as Some College, 16 years as College Graduate, and 17 years as Graduate School. Starting in 2010, education level changed to a description of the education attainment, i.e., "High School Graduate or GED," "Some College-No Degree," and "Associates Degree." Before the change, decedents who may have earned an Associate Degree would have had 14 years of education, and assigned to have attained "Some College." With the new descriptive education levels, decedents with an Associate Degree are now classified as being a "College Graduate" along with decedents with a Bachelor's Degree.

The last change in this report due to the new death certificate is the classification of race. Prior to 2010, decedents were recorded as having a single race. Starting in 2010, a decedent could be recorded as having more than one race. In this report, a new race group was added called "Multiple race" to account for this change. This means that decedents in the "Multiple race" group could be any combination of White, Black, American Indian, and Asian. As has been done in the past, race and Hispanic origin were combined to create race/ethnicity groupings (i.e., White non-Hispanic) that were non-Hispanic races and a Hispanic group. Therefore, if a decedent had multiple races and was Hispanic, they are classified as Hispanic in this report. Due to the decision to report "Multiple race" as a separate racial group, our numbers may not be comparable across years. A method was developed by the National Center for Health Statistics that 'bridges' the decedents with multiple races to a single race. This Report does not use the bridged race methodology. Please see

http://www.cdc.gov/nchs/nvss/bridged_race.htm for more information on the methodology of the bridged race.

Comparison death rates for Arizona, shown in Table **2.16**, can be found in *Arizona Health Status and Vital Statistics 2013*, published by the ADHS at http://www.azdhs.gov/plan/report/ahs/ahs2013/chptr2a_2d.pdf. Figures for the U.S., are from *Deaths: Final Data for 2012*. The Final 2012 data were published in National Vital Statistics Reports, Vol. 63, no. 9. These data can be found at http://www.cdc.gov/nchs/data/nvsr/nvsr63/nvsr63_09.pdf. Healthy People 2020 Goals are set by the Department of Health and Human Services and may be found at www.healthypeople.gov/Document/tableofcontents.htm.

Nativity (Birth) Statistics

Nativity (birth) statistics are shown in Tables **3.01** through **3.24**. The natality percentages for some groups such as older and younger maternal age groups (under 15 and over 45) or certain racial/ethnic groups may be high compared to other groups. These groups have relatively small numbers of births in Maricopa County (as shown in Table **3.01**). Although percentages may be high, they may represent only one or two cases in a given category. Therefore, it is advisable to check the raw numbers in addition to the rates.

All data on birth statistics are from birth certificates included in the ADHS final annual files. The data presented in this report include births to mothers whose county of residence is Maricopa County. This may include births that did not occur in Maricopa County. Also included are some births that occurred outside of Arizona to mothers who reside in Arizona but whose county and city of residence is unknown. National Center for Health Statistics rules state that if a birth does not occur in the state of residency and the county and city are unknown, the city of residency is assigned to the largest city in the state of residency. For Arizona, the largest city is Phoenix. For further explanation, please see <http://www.cdc.gov/nchs/data/dvs/3amanual.pdf>.

During the course of routine data review, several births were identified as being in one county even though their city and ZIP codes indicated that they lived in a different county. For these discrepant cases, final classification in this report was based on the address of the resident. (The address is determined by reviewing the street address, city, county, and ZIP code). Therefore, the numbers presented in this report may not precisely match those presented by ADHS in other reports.

Tables **3.10** and **3.21** provide a count for the total number of births that have or do not have a Medical Risk Factor associated with them. A Medical Risk Factor can be an existing health condition, age, lifestyle factors, and/or conditions of pregnancy. Some examples are anemia, diabetes, chronic hypertension, eclampsia, incompetent cervix, previous preterm baby, and uterine bleeding. More information can be found on the National Institute of Health's website: <http://www.nichd.nih.gov/health/topics/high-risk/conditioninfo/pages/factors.aspx>.

Table **3.24** compares natality measures for Maricopa County to Arizona and the U.S. Arizona figures for 2013 can be found in *Arizona Health Status and Vital Statistics 2013*, published by ADHS at http://www.azdhs.gov/plan/report/ahs/ahs2013/chptr1a_1d.pdf. Infant mortality statistics are from unlinked data or the number of infant deaths in a given year. Latest U.S. data are final for 2012, from the National Center for Health Statistics and can be found in *Deaths: Final Data for 2012*, National Vital Statistics Reports, Vol. 63, no 9 at http://www.cdc.gov/nchs/data/nvsr/nvsr63/nvsr63_09.pdf. Maternal mortality data for the U.S. are unavailable for the most recent report. This is due to the changes on the death certificates nationwide. States that have adopted the 2003 standard consistently had higher rates of maternal deaths due to the changes discussed in the mortality section of these technical notes. U.S. data for low birthweight births and births to teen mothers can be found in *Births: Preliminary Data for 2013*, National Vital Statistics Reports, Vol. 63, no 2 at http://www.cdc.gov/nchs/data/nvsr/nvsr63/nvsr63_02.pdf. An explanation of unlinked infant mortality data is presented below in definitions.

Adequate prenatal care is based on the Adequacy of Prenatal Care Utilization Index (APCUI)¹. This index considers both the timing of prenatal care initiation and the number of visits after care was initiated, comparing the number of actual visits to the number of visits recommended by the American College of Obstetricians and Gynecologists. This index does not describe the quality of the care or adjust for maternal risk factors. Only singleton (the birth of one baby rather than twins, triplets, or other multiple births) births are shown in these tables because twins and higher order births are typically higher risk pregnancies, and the index is not appropriate for summarizing their prenatal care usage.

- a) Inadequate: Prenatal care began after the fourth month of pregnancy or less than 50% of the expected prenatal care visits were attended
- b) Intermediate: Prenatal care began before the fourth month and 50 to 70% of the expected visits were attended
- c) Adequate: Prenatal care began prior to the fourth month and 80-109% of expected visits were attended
- d) Adequate plus: Prenatal care began prior to the fourth month of pregnancy and 110% or more of the expected visits were attended

Maternal deaths reported in *Table 3.24* are based on death certificates where the pregnancy status was either "Pregnant at the time of death" or "Not pregnant, but pregnant within 42 days of death," and a pregnancy condition is mentioned anywhere on the death certificates. Maternal deaths where the underlying cause of death was not pregnancy were counted using multiple causes of death (MCD) data supplied by ADHS with the final annual mortality files. Pregnancy-related deaths are based on death certificates where the pregnancy status was marked as either "Pregnant at the time of death" or "Not pregnant, but pregnant within 42 days of death," regardless on the cause of death.

The following definitions related to reproductive health have been established by National Center for Health Statistics²:

- Birth or Live Birth³ – The complete expulsion or extraction from the mother of a product of human conception, irrespective of the duration of pregnancy or birthweight which, after such expulsion or extraction, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached.
- Fertility Rate – Number of live births during a calendar year per 1,000 women age 15 to 44.
- Births to Teenage Mothers – Live births occurring to females under age twenty.
- Birth Weight – The weight of a neonate determined immediately after delivery or as soon thereafter as possible.
- Low Birthweight – Any neonate weighing less than 2,500 grams at birth (less than 5 pounds 8 ounces).
- Very Low Birthweight – Any neonate weighing less than 1,500 grams at births (less than 3 pounds, 4 ounces).
- Preterm – Any neonate whose birth occurs through the end of the last day of the 37th week (259th day), following onset of the last menstrual period.
- Infant Death – Any death at any time from birth up to, but not including, the first year of age (<365 days).
- Infant Mortality Rate – Number of infant deaths per 1,000 live births.

¹ Kotelchuck, M. An Evaluation of the Kessner Adequacy of Prenatal Care Index and a Proposed Adequacy of Prenatal Care Utilization Index, *American Journal of Public Health*, 1994; 84(9):1414-1420.

² NCHS guidelines were adopted from those established by the World Health Organization (WHO).

³ The Arizona statute defining a live birth follows this definition.

- Maternal Mortality Rate – Number of deaths to “a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management, but not from accidental or incidental causes” per 100,000 births.⁴
- Pregnancy-related Mortality Rate - Number of deaths to “a woman while pregnant or within one year of termination of pregnancy, from any cause related to or aggravated by the pregnancy or its management, but not from accidental or incidental causes.”⁵
- Neonatal Mortality Rate – Number of deaths to infants at or under 28 days of age, per 1,000 live births.
- Postnatal (Postneonatal) Mortality Rate – Number of deaths to infants between 29 days and 365 days after birth, per 1,000 live births.
- Unlinked Infant Mortality – The number of infant deaths in a given calendar year, as determined from mortality records.

Communicable Disease (Morbidity) Statistics

Communicable disease statistics are shown in Tables **4.01a** through **4.04**. The data presented in this report include communicable diseases to residents of Maricopa County. This includes Maricopa County residents who acquired a disease in Maricopa County and residents who acquired a disease elsewhere. Non-Maricopa County residents are not included, even if they acquired a disease in Maricopa County. For Hansen’s disease only, tables include residents from various counties in Arizona, regardless of where the disease was acquired. Other reports may show different morbidity rates because they include non-residents who acquired disease in Maricopa County or they exclude residents who were exposed outside of the county. For example, MCDPH Health Status Reports show twenty-two residents with malaria in 2013. All of these cases acquired malaria outside of Maricopa County.

All data on communicable diseases are new cases of reportable diseases from the ADHS final annual files. There are several exceptions: data on genital herpes, gonorrhea, chlamydia, syphilis, and Hansen’s disease are from MCDPH data files.

Data on tuberculosis, STDs, HIV, and AIDS may differ from other reports published by MCDPH and ADHS. Data on these diseases are in databases that may have been updated during the time between reports. The data for this report were acquired on the following dates:

- Tuberculosis data were acquired on June 10, 2015.
- STD data were acquired on January 20, 2015.
- Syphilis data were acquired on January 2015.
- HIV/AIDS data for Maricopa County residents were acquired on June 10, 2015.
- HIV/AIDS data for Arizona residents were acquired on June 10, 2015.

Communicable disease data include only confirmed and probable cases, with the exception of: norovirus, RSV, Hansen’s disease, tuberculosis, genital herpes, gonorrhea, syphilis, chlamydia, and HIV/AIDS. Data for norovirus, RSV, tuberculosis, genital herpes, gonorrhea, syphilis, chlamydia, and HIV/AIDS includes only confirmed cases. Data for Hansen’s disease includes all confirmed, suspect, and probable cases diagnosed in Maricopa County, including diagnoses to non-county residents, as mentioned earlier.

Data can be classified by date of onset, date of diagnosis or date of report to the health department. All diseases/conditions listed in this report are classified by the date of report to the health department. The only exceptions are HIV, AIDS, and Hansen’s disease which are classified by the date of diagnosis.

⁴ Hoyert DL, Maternal mortality and related concepts. National Center for Health Statistics. Vital Health Stat 3 (33). 2007.

⁵ Ibid.

The category “Encephalitis Viral” includes St. Louis encephalitis and all other types of viral encephalitis except for West Nile virus. This may differ somewhat from other reports that include only certain types of encephalitides.

Prior to 2008, hepatitis B data were also obtained from the MCDPH. This report uses hepatitis B data for confirmed and probable acute cases from ADHS. Comparison of hepatitis B cases to years before 2008 will show a decrease in the total number of cases. This decrease is most likely due to changes in the investigation of the disease and not due to a change in the communicability of the disease in Maricopa County.

In 2009, a major laboratory changed reporting practices for coccidiomycosis. Due to these changes, a large increase in the total number of cases has been observed. This increase in cases does not mean there is an increase of disease in Maricopa County. Rather, this means that more cases are being reported to public health.

In Tables **4.01a** through **4.03b**, the category labeled “All Others” includes all reportable diseases in the ADHS communicable disease database that are not listed previously on the table.

In Table **4.04**, comparison morbidity rates for Arizona can be found in *Arizona Health Status and Vital Statistics 2013*, <http://www.azdhs.gov/plan/report/ahs/ahs2013/pdf/5f2.pdf>.

The rates for HIV and AIDS for Arizona can be found in the *Arizona Annual Report-HIV Epidemiology Program, ADHS: 2013 Report*, <http://www.azdhs.gov/phs/edc/odis/documents/hiv-epidemiology/2013/hiv-arizona-stats.pdf>.

All U.S. rates are for 2012 and may be found in *Morbidity and Mortality Weekly Report Vol. 61 no. 53 September 19, 2014* at <http://www.cdc.gov/mmwr/PDF/wk/mm6153.pdf>.

Healthy People 2020 Goals are set by the Department of Health and Human Services and may be found at <http://www.healthypeople.gov/2020/topicsobjectives2020/default>.

Hospital Discharge Data Statistics

Hospital discharge data are presented in tables **5.01** through **5.19**.

Hospital Discharge Data (HDD) are submitted by Arizona Hospitals to Arizona Department of Health Services (ADHS). Data are submitted by half years, with the first half (January 1 – June 30) due August 15 of the same year and the second half (July 1 – December 31) due by February 15th of the following year. ADHS then prepares the data for public release and the data are released between 3 and 6 months after collection. These datasets only contain hospitalizations from facilities within the state of Arizona. Hospitalizations of Maricopa Residents that occur outside of Arizona are not captured. Both inpatient and emergency department (ED) visits are included in this dataset and are analyzed separately.

HDD provides an address for each patient but does not include information about the county of residence. In order to select Maricopa County Residents, an algorithm was derived to determine residence based on city, state, and ZIP code. The list of cities and ZIP codes within Maricopa County are based on a national ZIP code database that is updated regularly with new ZIP codes and cities (U.S. ZIP code Database – Business version from: <http://www.zip-codes.com/zip-code-database.asp>). The algorithm is available by contacting the Office of Epidemiology by email at epidemiology@mail.maricopa.gov.

Hospitalization Discharges represent the number of discharges from facilities within Arizona during a calendar year and are not unique patients. Therefore, if a person is hospitalized multiple times in a calendar year, that person will be represented multiple times in the dataset. Most hospitals bill under the “72 hour rule”. This means that if a patient comes into the ER and is admitted as an inpatient within a 72 hour period, the visit is bundled into one account for billing. In the data this patient would show up as an IP record. There are a few exceptions that will do “split billing”, specifically with Critical Access Hospitals and with some insurance carriers. These cases will show up in both the ED and IP.

All federal, state, military, and Department of Veteran Affairs' hospitals are excluded. No behavioral health hospitals reported data during this time period. Long-term acute care (LTAC) and rehabilitation hospitals are excluded from this report because patients in these settings are usually transferred from another facility to the LTAC or rehabilitation hospital and have an average stay of 25 days or longer.

Pregnant woman and newborns were analyzed separately from other hospital discharges for inpatient data. This allows for better comparison of the burden of disease between sex and age groups. Pregnant women were defined as any female, with an ICD-9 code between 630-679 or V30-V39 and an age greater than 5 years in their record. Newborns were defined as a record having age = 0 and a social security number of '1111,' which is used to denote newborns, and an ICD-9 code of V30-V39. ED data included visits related to pregnancy, childbirth, and newborns since ED visits are not a standard part of the birthing process.

Insurance types were grouped into the following categories: Self-pay, Private Insurance (Commercial, HMOs, PPOs, and Health Care Groups), Medicare (including Medicare Risk), AHCCCS/Medicaid, and other (CHAMPUS/TRICARE, Children's Rehab Services, Worker's Compensation, Charity, Foreign National, and other).

Due to the exclusion of federal hospitals, there is the potential to have an underestimation of total discharges for American Indians in this report, because they may have sought care at a federal facility.

In HDD, ICD-9-CM codes are used to identify the reasons for hospitalization. These codes are then grouped into categories for analysis. For this report, only the primary diagnosis codes were analyzed. Records without a primary diagnosis code or with an unknown code were classified as unknown.

Table 6.3 Diagnostic Categories and Corresponding ICD-9-CM Codes

Category of Primary Diagnoses*	ICD-9-CM Code
Infectious and parasitic diseases	001–139
Septicemia	38
Neoplasms	140–239
Malignant Neoplasms	140–208,230–234
Malignant Neoplasm - Large Intestine & Rectum	153–154,197.5
Malignant Neoplasm - Trachea, Bronchus, & Lung	162,176.4,197.0,197.3
Malignant Neoplasm - Breast	174–175,198.81
Benign Neoplasms	210–229
Endocrine, Nutritional & Metabolic Diseases, & Immunity Disorders	240–279
Diabetes Mellitus	250
Volume Depletion (<i>dehydration</i>)	277
Diseases of the Blood and Blood-forming Organs	280–289
Mental Disorders	290–319
Psychoses	290–299
Alcohol Dependence Syndrome	303
Diseases of the Nervous System and Sense Organs	320–389
Diseases of the Circulatory System	390–459
Heart Disease	391–392.0,393–398,402,404,410–416,420–429
Acute Myocardial Infarction	410
Coronary Atherosclerosis	414
Other Ischemic Heart Disease	411–413,414.1–414.9
Cardiac Dysrhythmias	427
Congestive Heart Failure	428.0
Cerebrovascular Disease	430–438
Diseases of the Respiratory System	460–519

(Continued on next page)

(Table 6.3 Continued)

Category of Primary Diagnoses*	ICD-9-CM Code
Acute Bronchitis and Bronchiolitis	466
Pneumonia	480-486
Chronic Bronchitis	491
Asthma	493
Diseases of the Digestive System	520-579
Appendicitis	540-543
Noninfectious Enteritis and Colitis	555-558
Cholelithiasis	574
Diseases of the Genitourinary System	580-629
Calculus of Kidney and Ureter	592
Complications of Pregnancy, Childbirth, and the Puerperium	630-677
Diseases of the Skin and Subcutaneous Tissue	680-709
Cellulitis and Abscess	681-682
Diseases of the Musculoskeletal System and Connective Tissue	710-739
Osteoarthritis and Allied Disorders	715
Intervertebral Disc Disorders	722
Congenital Anomalies	740-759
Certain Conditions Originating in the Perinatal Period	760-779
Symptoms, Signs, and Ill-defined Conditions	780-799
Injury and Poisoning	800-999
Fractures, All Sites	800-829
Fracture of Neck of Femur	820
Poisonings	960-989
Other Healthcare Encounters	990-999

*only the bolded categories are used for reporting disease conditions for ED visits.

HDD records also provide information about external injuries separate from the primary diagnosis if the hospital encounter was injury related. Tables 5.17-5.19 provide information about the cause of injuries that were reported in the ED data. Not every visit to the ED has an injury code associated, therefore the total number of injury visits will not equal the total number of ED visits.

Table 6.4 Injury Mechanism or Cause and Corresponding ICD-9-CM Codes

Mechanism or Cause	ICD-9-CM Codes
All Injury	E800-E869, E880-E929, E950-E999
Motor Vehicle Traffic (MVT)	E810-E819, E989.5, E968.5, E988.5
Firearm	E922(.0-.3,.8-.9), E955(.0-.4), E965(.0-4), E970, E979.4, E985(.0-.4)
Poisoning	E850.0-E869.9, E950.0-E952.9, E962, E972, E979.(6,7), E980.0-E982.9
Fall	E880.0-E886.9, E888, E911-E913.9, E953, E957, E963, E968.1, E983, E987
Suffocation or Drowning	E830, E832, E910, E954, E964, E984
Fire or Burn	E890.0-E899, E924, E958, E961, E968.(0,3), E979.3, E988.(1,2,7)
Cut or Pierce	E920, E956, E966, E986, E974
Struck By or Against	E916-E917.9, E960.0, E968.2, E973, E975
Other Causes	E846-E848, E900.0-E909, E914-E915, E918, E919, E921, E922(.4-.5), E923, E925.0-E926.9, E928(.0-.2), E955(.5-.7,.9), E958.(0,3,4), E960.1, E965(.5-.9), E967, E968(.4,.6-.7), E979(.0-.2, .5, .8-.9), E985(.5-.7) E988.(0,3,4), E971, E978, E990-E994, E996, E997(.0-.2)
Other Transport	E800-E807, E820-E829, E831, E833.0-E845.9, E958.6, E988.6

(Continued on next page)

(Table 6.4 Continued)

Mechanism or Cause	ICD-9-CM Codes
Overexertion	E927
Cause Unknown/Unspecified	E887, E928.(8,9), E929.(8,9), E958.(8,9), E959, E968.8, E969, E999.1, E988.(8,9), E989, E976, E977, E995, E997.(8,9), E998, E999.0

Healthy People 2020 Goals

The Centers for Disease Control and Prevention provide national health goals for the year 2020 – Healthy People (HP) 2020 goals. Some of these goals are shown in Tables **2.16**, **3.24**, and **4.04**. A hyphen indicates that no goal has been set for that indicator or the goal is not comparable to Maricopa County data shown. “0.0” indicates that the goal is zero.

This report provides HP 2020 Goals only when the goals are comparable to Maricopa County data. A goal is considered comparable in this report if the HP Goal includes the same conditions as are included in the Maricopa County data. For example, if the Maricopa County figure for heart disease includes all heart disease but the HP 2020 goal includes only coronary heart disease, the goal is not listed as a comparison to the heart disease rate.

More information on the technical aspects of HP 2020 can be found at www.healthypeople.gov.

More Information

For more information on population and health statistics, please visit the following websites:

- Maricopa County Department of Public Health: http://www.maricopa.gov/Public_Health/
- Arizona Department of Health Services: www.azdhs.gov
- Centers for Disease Control and Prevention, National Center for Health Statistics: www.cdc.gov/nchs
- Department of Economic Security: <https://www.azdes.gov/aspnew/default.asp>
- United States Census Bureau: [Census Bureau Homepage](http://www.census.gov)