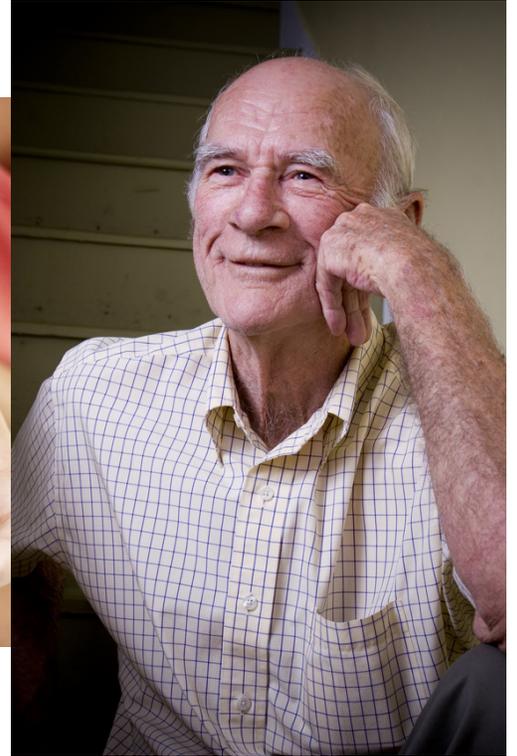
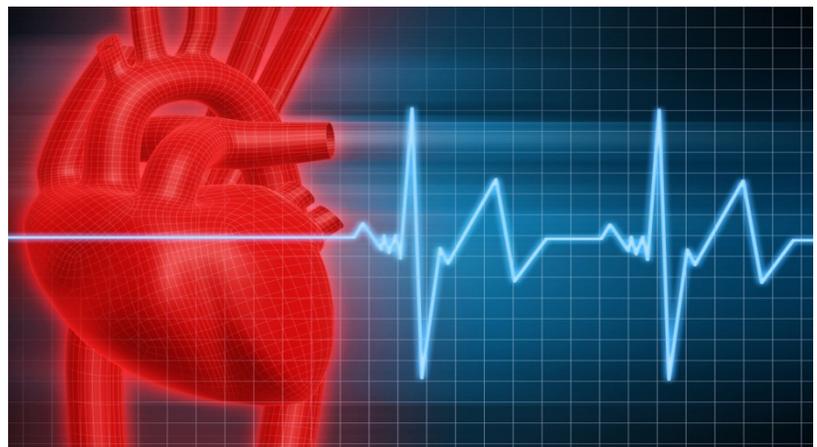


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REFERENCE TABLES



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Introduction

This report provides health status information for the year 2012 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: 5,868 residents of Maricopa County died due to cancer in 2012.*
 - Communicable Disease Example: 867 residents of Maricopa County were diagnosed with a confirmed or probable case of Pertussis in 2012.
 - Natality (Birth) Example: There were 637 infants born with a very low birthweight (less than 1500 grams) in 2012.

- Rate or percentage of cases in the county
 - Mortality Disease Example: For every 100,000 residents of Maricopa County, 148.8 died due to cancer in 2012.*
 - Communicable Disease Example: For every 100,000 residents of Maricopa County, 22.0 were diagnosed with Pertussis in 2012.
 - Natality (Birth) Example: Among all live births in 2012, 1.2% 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 2012 Population Statistics

Maricopa County 2012 Population Statistics

Table 1.01 Population By Race/Ethnicity, Age, and Sex, 2012

Age by Sex

Age	Males		Females		Total	
	No.	%	No.	%	No.	%
0-4	139,924	7.2%	134,235	6.7%	274,159	7.0%
5-9	146,630	7.5%	140,381	7.0%	287,011	7.3%
10-14	144,728	7.4%	138,735	7.0%	283,463	7.2%
15-19	139,768	7.2%	131,531	6.6%	271,299	6.9%
20-24	145,910	7.5%	139,243	7.0%	285,153	7.2%
25-34	282,391	14.5%	274,841	13.8%	557,232	14.1%
35-44	266,104	13.6%	265,855	13.3%	531,959	13.5%
45-54	253,621	13.0%	259,903	13.0%	513,524	13.0%
55-64	202,252	10.4%	224,342	11.3%	426,594	10.8%
65-74	135,459	6.9%	154,693	7.8%	290,152	7.4%
75-84	69,976	3.6%	86,834	4.4%	156,810	4.0%
85+	23,425	1.2%	41,388	2.1%	64,813	1.6%
Total	1,950,188		1,991,981		3,942,169	

Race/Ethnicity by Sex

Race/Ethnicity	Males		Females	
	No.	%	No.	%
White	1,121,040	57.5%	1,161,501	58.3%
Hispanic	595,305	30.5%	586,689	29.5%
African American	96,631	5.0%	93,659	4.7%
Amer. Ind., Non-Hisp	29,434	1.5%	33,428	1.7%
Asian	71,216	3.7%	79,095	4.0%
Multiple Races	36,562	1.9%	37,609	1.9%
Total	1,950,188		1,991,981	

Age by Race/Ethnicity

Age	White		Hispanic		African American		American Indian		Asian		Multiple Races		Total No.
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
0-4	108,518	4.8%	124,913	10.6%	14,269	7.5%	5,195	8.3%	9,550	6.4%	11,714	15.8%	274,159
5-9	119,355	5.2%	126,666	10.7%	14,765	7.8%	5,322	8.5%	10,295	6.8%	10,608	14.3%	287,011
10-14	124,575	5.5%	119,883	10.1%	15,114	7.9%	4,858	7.7%	9,549	6.4%	9,484	12.8%	283,463
15-19	122,382	5.4%	111,759	9.5%	15,627	8.2%	5,066	8.1%	8,680	5.8%	7,785	10.5%	271,299
20-24	138,129	6.1%	106,013	9.0%	17,240	9.1%	6,926	11.0%	10,230	6.8%	6,615	8.9%	285,153
25-34	289,625	12.7%	187,978	15.9%	29,737	15.6%	11,867	18.9%	27,994	18.6%	10,031	13.5%	557,232
35-44	292,855	12.8%	167,974	14.2%	27,018	14.2%	8,856	14.1%	28,178	18.7%	7,078	9.5%	531,959
45-54	336,873	14.8%	119,416	10.1%	25,123	13.2%	7,355	11.7%	19,768	13.2%	4,989	6.7%	513,524
55-64	320,473	14.0%	67,018	5.7%	17,722	9.3%	4,373	7.0%	13,764	9.2%	3,244	4.4%	426,594
65-74	237,754	10.4%	32,072	2.7%	8,635	4.5%	2,108	3.4%	7,905	5.3%	1,678	2.3%	290,152
75-84	134,139	5.9%	13,991	1.2%	3,780	2.0%	712	1.1%	3,475	2.3%	713	1.0%	156,810
85+	57,863	2.5%	4,311	0.4%	1,260	0.7%	224	0.4%	923	0.6%	232	0.3%	64,813
Total	2,282,541		1,181,994		190,290		62,862		150,311		74,171		3,942,169

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2012.

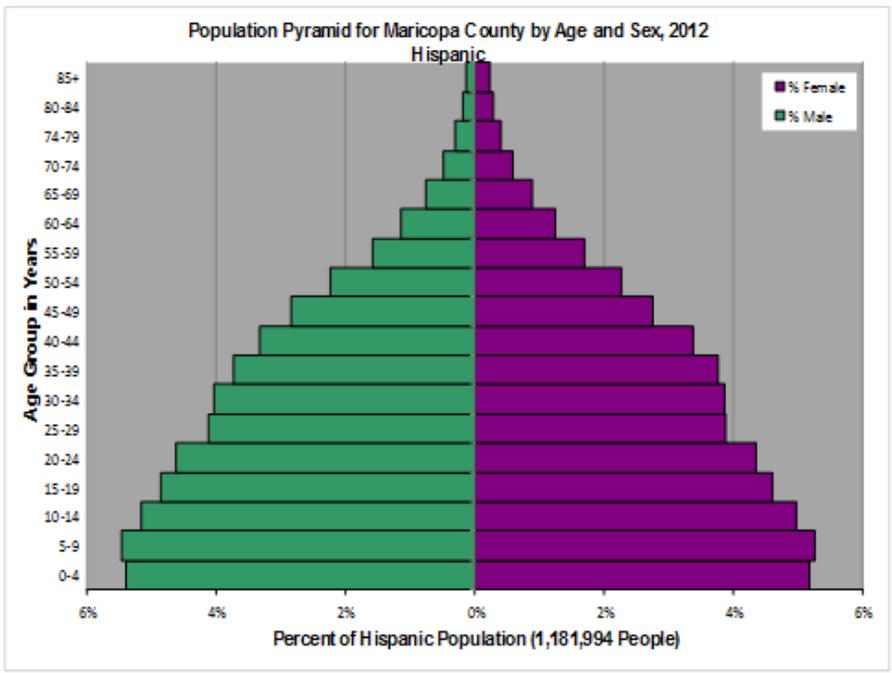
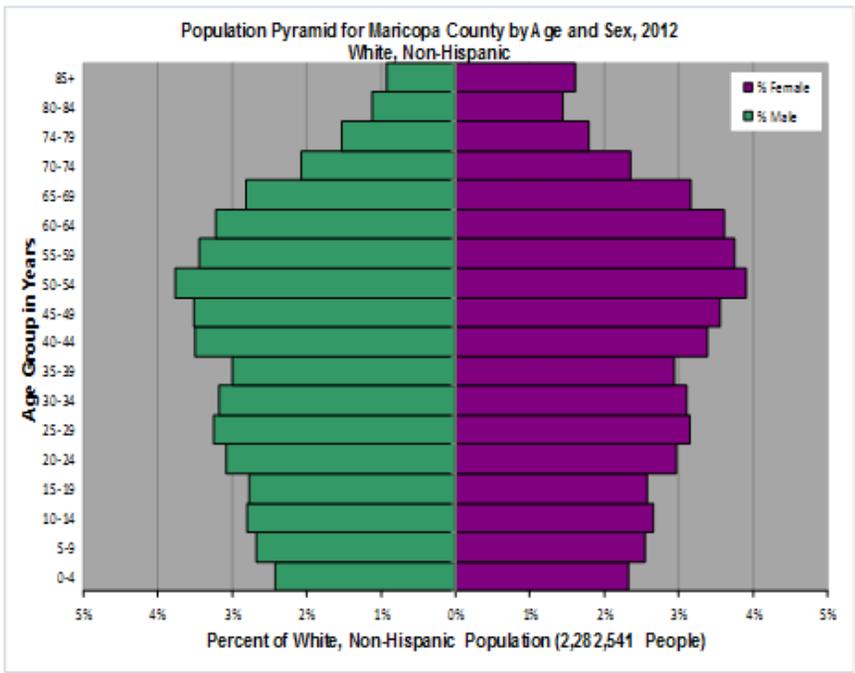
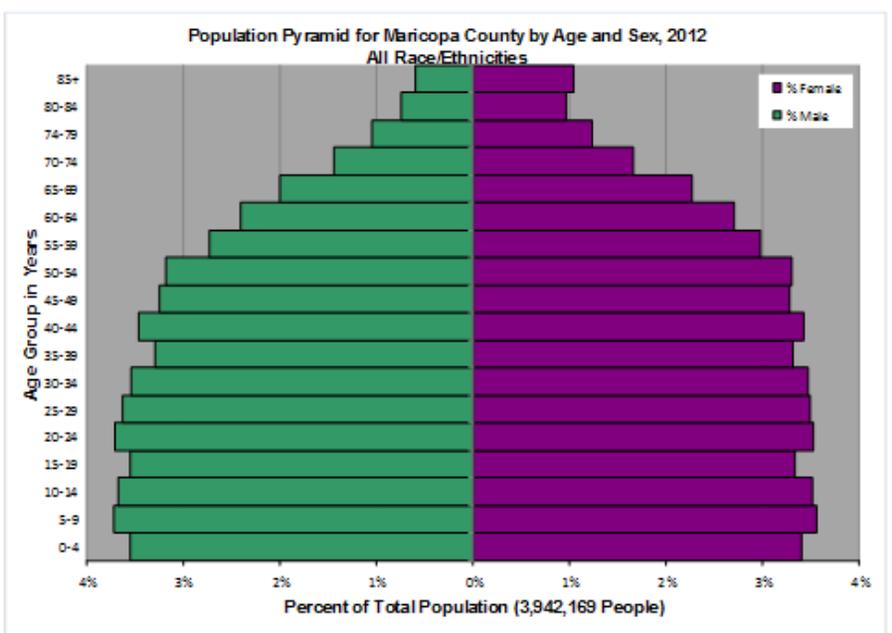
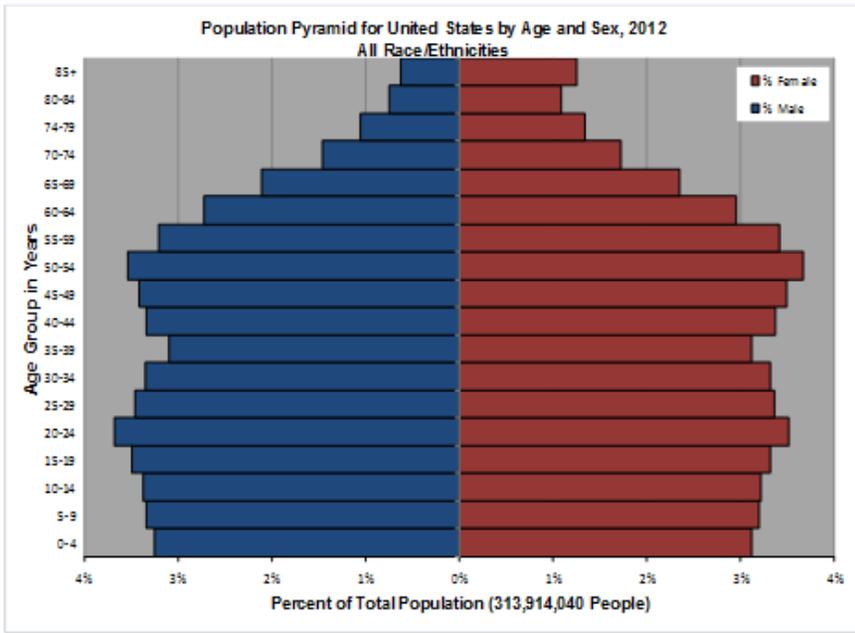
Maricopa County 2012 Population Statistics

Table 1.02 Population By Race/Ethnicity, Age, and Gender, 2012

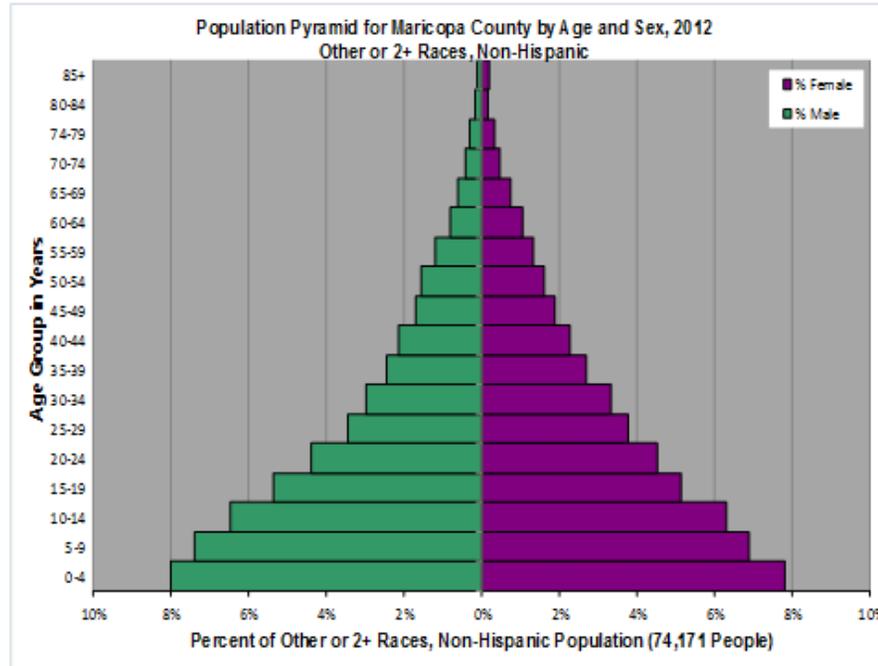
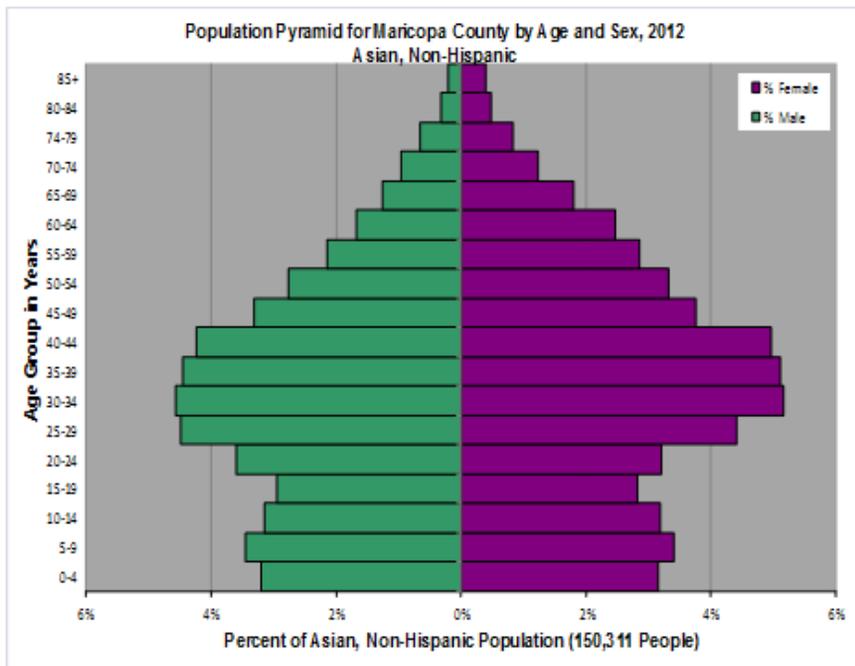
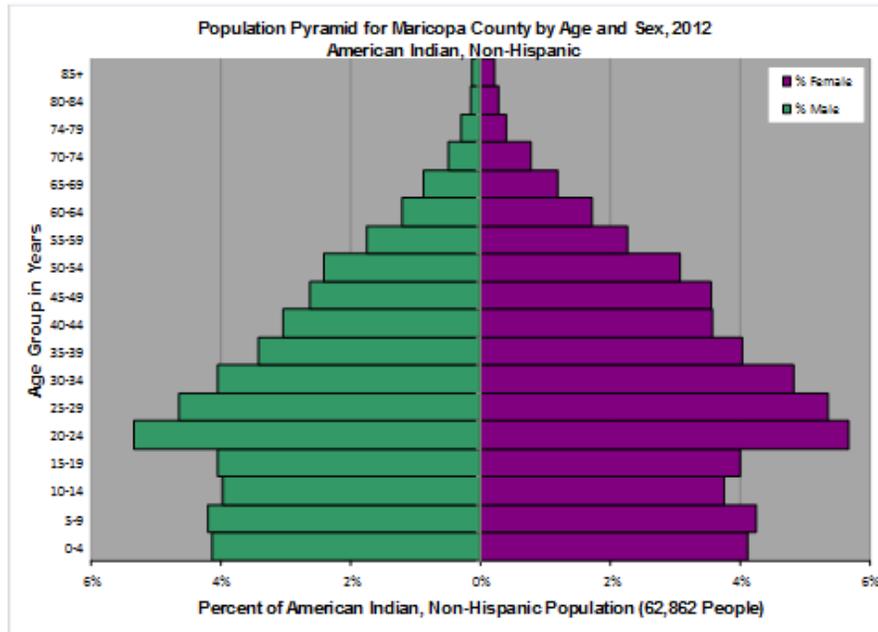
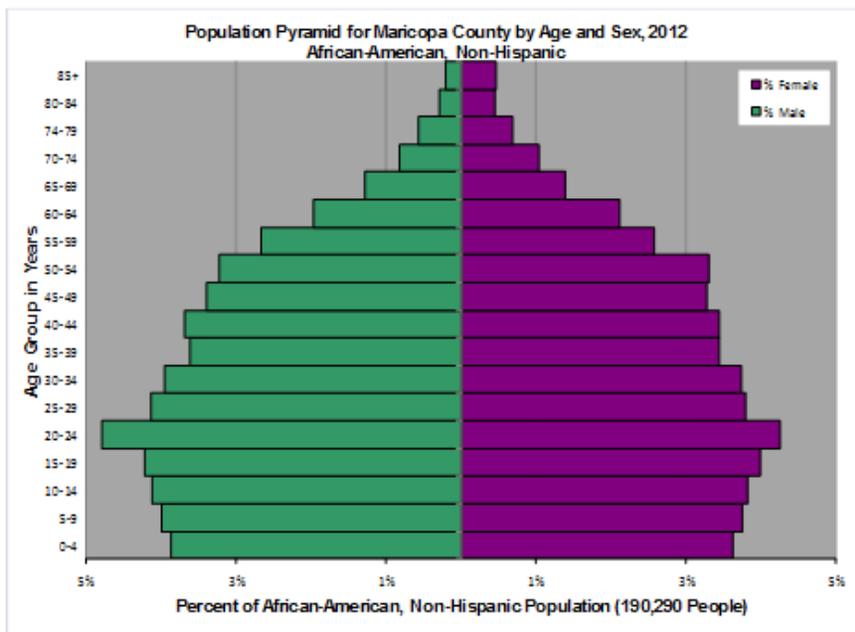
Females Age	White		Hispanic		African American		American Indian				Asian		Multiple Races		Total
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%	No.	%	No.
							No.	%	No.	%					
0-4	53,063	4.6%	58,728	10.4%	6,897	7.4%	2,591	7.8%	2,429	11.9%	4,740	6.0%	5,787	15.4%	134,235
5-9	58,142	5.0%	59,834	10.6%	7,161	7.6%	2,679	8.0%	2,324	11.4%	5,116	6.5%	5,125	13.6%	140,381
10-14	60,730	5.2%	56,757	10.0%	7,270	7.8%	2,358	7.1%	2,122	10.4%	4,810	6.1%	4,688	12.5%	138,735
15-19	58,943	5.1%	52,426	9.3%	7,591	8.1%	2,522	7.5%	1,982	9.7%	4,245	5.4%	3,822	10.2%	131,531
20-24	67,942	5.8%	49,294	8.7%	8,117	8.7%	3,572	10.7%	2,133	10.4%	4,816	6.1%	3,369	9.0%	139,243
25-29	71,829	6.2%	44,158	7.8%	7,222	7.7%	3,372	10.1%	1,731	8.5%	6,624	8.4%	2,815	7.5%	137,751
30-34	70,932	6.1%	44,173	7.8%	7,128	7.6%	3,033	9.1%	1,593	7.8%	7,757	9.8%	2,474	6.6%	137,090
35-39	67,208	5.8%	43,210	7.6%	6,552	7.0%	2,537	7.6%	1,376	6.7%	7,682	9.7%	2,005	5.3%	130,570
40-44	77,358	6.7%	38,737	6.8%	6,574	7.0%	2,251	6.7%	1,214	5.9%	7,453	9.4%	1,698	4.5%	135,285
45-49	81,321	7.0%	31,631	5.6%	6,249	6.7%	2,238	6.7%	1,033	5.1%	5,643	7.1%	1,406	3.7%	129,521
50-54	89,221	7.7%	25,851	4.6%	6,289	6.7%	1,940	5.8%	894	4.4%	4,995	6.3%	1,192	3.2%	130,382
55-59	85,782	7.4%	19,522	3.4%	4,899	5.2%	1,431	4.3%	614	3.0%	4,304	5.4%	987	2.6%	117,539
60-64	82,548	7.1%	14,262	2.5%	4,030	4.3%	1,087	3.3%	379	1.9%	3,715	4.7%	782	2.1%	106,803
65-69	72,121	6.2%	10,210	1.8%	2,656	2.8%	751	2.2%	255	1.2%	2,719	3.4%	563	1.5%	89,275
70-74	53,801	4.6%	6,760	1.2%	1,978	2.1%	493	1.5%	156	0.8%	1,870	2.4%	360	1.0%	65,418
75+	110,560	9.5%	10,686	1.9%	3,046	3.3%	573	1.7%	215	1.1%	2,606	3.3%	536	1.4%	128,222
Total	1,161,501		566,239		93,659		33,428		20,450		79,095		37,609		1,991,981
Males															
0-4	55,455	4.9%	61,232	10.7%	7,372	7.6%	2,604	8.8%	2,524	11.7%	4,810	6.8%	5,927	16.2%	139,924
5-9	61,213	5.5%	62,061	10.8%	7,604	7.9%	2,643	9.0%	2,447	11.4%	5,179	7.3%	5,483	15.0%	146,630
10-14	63,845	5.7%	58,901	10.3%	7,844	8.1%	2,500	8.5%	2,103	9.8%	4,739	6.7%	4,796	13.1%	144,728
15-19	63,439	5.7%	55,283	9.6%	8,036	8.3%	2,544	8.6%	2,068	9.6%	4,435	6.2%	3,963	10.8%	139,768
20-24	70,187	6.3%	52,427	9.1%	9,123	9.4%	3,354	11.4%	2,159	10.0%	5,414	7.6%	3,246	8.9%	145,910
25-29	74,263	6.6%	46,661	8.1%	7,877	8.2%	2,919	9.9%	1,917	8.9%	6,751	9.5%	2,543	7.0%	142,931
30-34	72,601	6.5%	45,935	8.0%	7,510	7.8%	2,543	8.6%	1,810	8.4%	6,862	9.6%	2,199	6.0%	139,460
35-39	68,336	6.1%	42,533	7.4%	6,870	7.1%	2,153	7.3%	1,515	7.0%	6,685	9.4%	1,800	4.9%	129,892
40-44	79,953	7.1%	38,101	6.6%	7,022	7.3%	1,915	6.5%	1,288	6.0%	6,358	8.9%	1,575	4.3%	136,212
45-49	80,195	7.2%	32,477	5.7%	6,457	6.7%	1,655	5.6%	1,140	5.3%	4,985	7.0%	1,252	3.4%	128,161
50-54	86,136	7.7%	25,485	4.4%	6,128	6.3%	1,522	5.2%	905	4.2%	4,145	5.8%	1,139	3.1%	125,460
55-59	78,706	7.0%	18,002	3.1%	5,063	5.2%	1,098	3.7%	678	3.2%	3,225	4.5%	884	2.4%	107,656
60-64	73,437	6.6%	13,162	2.3%	3,730	3.9%	757	2.6%	399	1.9%	2,520	3.5%	591	1.6%	94,596
65-69	64,372	5.7%	8,731	1.5%	2,449	2.5%	551	1.9%	254	1.2%	1,888	2.7%	448	1.2%	78,693
70-74	47,460	4.2%	5,565	1.0%	1,552	1.6%	313	1.1%	141	0.7%	1,428	2.0%	307	0.8%	56,766
75+	81,442	7.3%	7,245	1.3%	1,994	2.1%	363	1.2%	156	0.7%	1,792	2.5%	409	1.1%	93,401
Total	1,121,040		573,801		96,631		29,434		21,504		71,216		36,562		1,950,188

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2012.

Maricopa County 2012 Population Statistics



Maricopa County 2012 Population Statistics



II. Maricopa County 2012 Mortality (Death) Statistics

Maricopa County 2012 Mortality (Death) Statistics
Table 2.01a Number of Deaths by Age Group and Race/Ethnicity

Age Group	Number of Deaths by Race/Ethnicity							Total
	White	Hispanic	African American	American Indian	Asian	Multiple	Other/Unknown	
0-4	114	186	48	12	11	17	10	393
5-9	9	17	3	2	1	1	0	33
10-14	14	12	4	4	4	0	0	38
15-19	50	39	10	5	4	5	1	114
20-24	107	81	21	10	4	7	0	230
25-34	307	162	43	23	8	10	1	554
35-44	452	184	65	28	9	12	1	751
45-54	1,208	337	125	60	35	20	13	1,798
55-64	2,395	453	209	58	50	18	27	3,210
65-74	3,509	444	199	43	72	27	17	4,311
75-84	5,409	536	204	35	91	28	21	6,324
85+	7,263	487	145	21	76	20	18	8,030
Total	20,841	2,938	1,076	301	365	165	100	25,786

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

Age Group	Death Rate by Race/Ethnicity							Total
	White	Hispanic	African American	American Indian	Asian	Multiple	Other/Unknown ¹	
0-4	108.7	148.9	336.4	231.0	115.2	145.1	-	143.3
5-9	7.5	13.4	20.3	37.6	9.7	9.4	-	11.5
10-14	11.2	10.0	26.5	82.3	41.9	0	-	13.4
15-19	40.9	34.9	64.0	98.7	46.1	64.2	-	42.0
20-24	77.5	76.4	121.8	144.4	39.1	105.8	-	80.7
25-34	106.0	86.2	144.6	193.8	28.6	99.7	-	99.4
35-44	154.3	109.5	240.6	316.2	31.9	169.5	-	141.2
45-54	358.6	282.2	497.6	815.8	177.1	400.9	-	350.1
55-64	747.3	675.9	1,179.3	1,326.3	363.3	554.9	-	752.5
65-74	1,475.9	1,384.4	2,304.6	2,039.8	910.8	1,609.1	-	1,485.8
75-84	4,032.4	3,831.0	5,396.8	4,915.7	2,618.7	3,927.1	-	4,032.9
85+	12,552.1	11,296.7	11,507.9	9,375.0	8,234.0	8,620.7	-	12,389.5
Total	913.1	248.6	565.5	478.8	242.8	222.5	-	654.1

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

**Maricopa County 2012 Mortality (Death) Statistics
Table 2.02a Number of Deaths by Age Group and Sex**

Age Group	Number of Death by Gender		
	Male	Female	Total
0-4	221	172	393
5-9	18	15	33
10-14	22	16	38
15-19	78	36	114
20-24	178	52	230
25-34	370	184	554
35-44	466	285	751
45-54	1,125	673	1,798
55-64	1,929	1,281	3,210
65-74	2,424	1,887	4,311
75-84	3,238	3,086	6,324
85+	3,098	4,931	8,030
Total	13,167	12,618	25,786

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

Age Group	Death Rate by Gender		
	Male	Female	Total
<4	157.9	128.1	143.3
5-9	12.3	10.7	11.5
10-14	15.2	11.5	13.4
15-19	55.8	27.4	42.0
20-24	122.0	37.3	80.7
25-34	131.0	66.9	99.4
35-44	175.1	107.2	141.2
45-54	443.6	258.9	350.1
55-64	953.8	571.0	752.5
65-74	1,789.5	1,219.8	1,485.8
75-84	4,627.3	3,553.9	4,032.9
85+	13,225.2	11,914.1	12,391.0
Total	675.2	633.4	654.1

Maricopa County 2012 Mortality (Death) Statistics
Table 2.03a Selected Underlying Causes of Death by Race/Ethnicity
Number of Cases

Cause			Number of Deaths by Race/Ethnicity							Total
			White	Hispanic	African American	American Indian.	Asian	Multiple	Other/ Unknown	
Infectious Diseases		Tuberculosis	0	1	0	0	0	0	0	1
		Syphilis	1	1	0	0	0	0	0	2
		HIV	38	16	10	1	1	1	0	67
Cancer		Stomach	68	27	6	1	3	2	1	108
		Colon	432	65	17	1	11	4	2	532
		Pancreas	379	44	23	2	10	1	2	461
		Lung	1,301	83	56	4	23	10	4	1,481
		Breast	354	42	23	3	9	1	0	432
		Uterine	222	43	7	4	9	3	0	288
		Prostate	237	29	14	4	2	2	1	289
		Urinary	253	32	8	3	0	1	0	297
		Lymphoma	175	27	3	0	4	1	1	211
		Leukemia	219	33	9	2	1	2	0	266
		Other Cancer	1,212	165	66	17	30	7	6	1,503
	All	4,852	590	232	41	102	34	17	5,868	
Diabetes and Alzheimer's		Diabetes	608	205	63	31	24	4	4	939
		Alzheimer's	1,348	108	32	5	17	7	1	1,518
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	350	37	19	1	2	2	0	411
		Ischemic Heart Disease	3,292	360	160	21	64	20	23	3,940
		Other Heart Disease	757	78	35	8	5	2	0	885
		All	4,399	475	214	30	71	24	23	5,236
		Other Cardiovascular	Primary Hypertension	379	57	33	4	6	1	1
	Cerebrovascular		875	126	51	9	23	3	3	1,090
	Atherosclerosis		89	7	0	0	1	0	0	97
	Other Circulatory		148	19	6	0	2	0	1	176
	All		1,491	209	90	13	32	4	5	1,844
	Other Respiratory		Influenza & Pneumonia	180	23	6	2	3	3	1
		Chronic Lower Respiratory	1,519	69	38	6	10	5	0	1,647
GI & Urinary		Peptic Ulcer	20	5	1	0	0	0	0	26
		Liver Disease	297	102	17	38	3	1	1	459
		Nephritis	97	15	14	3	1	1	0	131
Pregnancy & Early Life		Pregnancy	1	2	2	1	0	0	0	6
		Perinatal Conditions	45	80	24	2	3	4	0	158
		Congenital Malformations	62	59	13	5	4	3	0	146
		SIDS	1	4	2	0	1	1	0	9
Other Diseases		Symptoms, Signs	963	117	49	14	13	11	11	1,178
		Other Diseases	3,115	425	149	41	47	25	19	3,821
External Causes		Motor Vehicle Collisions	207	93	17	12	6	4	1	340
		All Other Accidents	864	151	45	26	13	15	7	1,121
		Suicide	431	67	20	11	9	11	4	553
		Homicide	73	88	27	10	1	4	1	204
		Other External Causes	77	14	4	5	1	2	0	103
	All	1,842	457	115	61	36	22	7	2,540	
Unknown			152	19	7	4	3	1	5	191
Total			20,841	2,938	1,076	301	365	165	100	25,786

Maricopa County 2012 Mortality (Death) Statistics
Table 2.03b Selected Underlying Causes of Death by Race/Ethnicity
Crude Death Rate per 100,000 Residents

Cause			Death Rate by Race/Ethnicity							
			White	Hispanic	African American	American Indian	Asian	Multiple	Other/Unknown	Total
Infectious Diseases		Tuberculosis	0	0.1	0	0	0	0	0	0.0
		Syphilis	0.0	0.1	0	0	0	0	0	0.1
		HIV	1.7	1.4	5.3	1.6	0.7	1.3	0	1.7
Cancer		Stomach	3	2.3	3.2	1.6	2	2.7	0	2.7
		Colon	18.9	5.5	8.9	1.6	7.3	5.4	0	13.5
		Pancreas	16.6	3.7	12.1	3.2	6.7	1.3	0	11.7
		Lung	57	7	29.4	6.4	15.3	13.5	0	37.6
		Breast	15.5	3.6	12.1	4.8	6	1.3	0	11
		Uterine & Ovarian ¹	9.7	3.6	3.7	6.4	6	4	0	7.3
		Prostate ¹	10.4	2.5	7.4	6.4	1.3	2.7	0	7.3
		Urinary	11.1	2.7	4.2	4.8	0	1.3	0	7.5
		Lymphoma	7.7	2.3	1.6	0	2.7	1.3	0	5.4
		Leukemia	9.6	2.8	4.7	3.2	0.7	2.7	0	6.7
		Other Cancer	53.1	14	34.7	27	20	9.4	0	38.1
		All Cancer	212.6	50	122	65.4	68	45.6	0	148.8
	Diabetes and Alzheimer's		Diabetes	26.6	17.3	33.1	49.3	16.0	5.4	0
		Alzheimer's	59.1	9.1	16.8	8.0	11.3	9.4	0	38.5
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	15.3	3.1	10.0	1.6	1.3	2.7	0	10.4
		Ischemic Heart Disease	144.2	30.5	84.1	33.4	42.6	27.0	0	99.9
		Other Heart Disease	33.2	6.6	18.4	12.7	3.3	2.7	0	22.4
		All Heart Disease	278.4	66.6	162.4	105	74.5	47.2	0	132.7
	Other Cardiovascular	Primary Hypertension	16.6	4.8	17.3	6.4	4.0	1.3	0	12.2
		Cerebrovascular	38.3	10.7	26.8	14.3	15.3	4.0	0	27.6
		Atherosclerosis	3.9	0.6	0	0	0.7	0	0	2.5
		Other Circulatory	6.5	1.6	3.2	0	1.3	0	0	4.5
	All Other Cardiovascular	65.3	17.7	47.3	20.7	21.3	5.3	0	46.8	
Other Respiratory		Influenza & Pneumonia	7.9	1.9	3.2	3.2	2.0	4.0	0	5.5
		Chronic Lower Respiratory	66.5	5.8	20.0	9.5	6.7	6.7	0	41.8
GI & Urinary		Peptic Ulcer	0.9	0.4	0.5	0	0	0	0	0.7
		Liver Disease	13.0	8.6	8.9	60.4	2.0	1.3	0	11.6
		Nephritis	4.2	1.3	7.4	4.8	0.7	1.3	0	3.3
Pregnancy & Early Life		Pregnancy ¹	0.0	0.2	1.1	1.6	0	0	0	0.2
		Perinatal Conditions	2.0	6.8	12.6	3.2	2.0	5.4	0	4.0
		Congenital Malformations	2.7	5.0	6.8	8.0	2.7	4.0	0	3.7
		SIDS ²	0.0	0.3	1.1	0	0.7	1.3	0	0.2
Other Diseases		Symptoms, Signs	42.2	9.9	25.8	22.3	8.6	14.8	0	29.9
		Other Diseases	136.5	36.0	78.3	65.2	31.3	33.7	0	96.9
External Causes		Motor Vehicle Collisions	9.1	7.9	8.9	19.1	4.0	5.4	0	8.6
		All Other Accidents	37.9	12.8	23.6	41.4	8.6	20.2	0	28.4
		Suicide	18.9	5.7	10.5	17.5	6.0	14.8	0	14.0
		Homicide	3.2	7.4	14.2	15.9	0.7	5.4	0	5.2
		Other External Causes	3.4	1.2	2.1	8.0	0.7	2.7	0	2.6
		All External causes	72.5	35	59.3	101.9	20	48.5	0	58.8
Total			906.4	247.1	562	472.8	241.2	220.4	0	647.2

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 Multiple race infants, see Technical Notes for explanation.

Maricopa County 2012 Mortality (Death) Statistics

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

Cause		Number of Deaths by Age Group												Total		
		<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84		85+	
Infectious Diseases	Tuberculosis	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
	Syphilis	0	0	0	0	0	0	0	0	1	1	0	0	0	2	
	HIV	0	0	0	0	0	1	11	9	29	12	4	0	1	67	
Cancer	Stomach	0	0	0	0	0	0	1	4	12	28	25	23	15	108	
	Colon	0	0	0	0	0	1	6	17	49	99	133	126	101	532	
	Pancreas	0	0	0	0	0	0	1	2	33	87	140	120	78	461	
	Lung	0	0	1	0	0	0	2	9	78	267	476	461	187	1,481	
	Breast	0	0	0	0	0	0	4	22	54	89	95	90	78	432	
	Uterine & Ovarian	0	0	0	0	1	0	5	14	40	59	66	69	34	288	
	Prostate	0	0	0	0	0	0	0	0	5	25	55	104	100	289	
	Urinary	0	0	1	1	0	0	1	3	16	47	75	81	72	297	
	Lymphoma	0	0	0	0	1	2	1	7	9	25	54	67	45	211	
	Leukemia	0	0	1	3	2	3	5	8	20	28	59	86	51	266	
	Other	1	3	8	4	6	5	27	42	147	312	347	367	234	1,503	
	All Cancer	1	3	11	8	10	11	53	128	463	1,066	1,525	1,594	995	5,868	
	Diabetes and Alzheimer's	Diabetes	0	0	0	0	1	3	9	21	73	202	243	221	166	939
Alzheimer's		0	0	0	0	0	0	0	0	3	14	88	439	974	1,518	
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Dis.	0	0	0	0	0	0	7	9	25	38	52	84	196	411
		Ischemic Heart Disease	0	0	0	0	0	1	12	44	176	467	671	1,032	1,537	3,940
		Other Heart Disease	1	2	1	1	0	2	11	22	42	67	109	207	420	885
		All Heart Disease	1	2	1	1	0	3	30	75	243	572	832	1,323	2,153	5,236
	Other Cardiovascular	Primary Hypertension	0	0	0	0	0	0	3	2	23	53	58	136	206	481
		Cerebrovascular	1	1	2	2	2	1	8	16	52	95	137	301	472	1,090
		Atherosclerosis	0	0	0	0	0	0	0	0	2	8	15	27	45	97
		Other Circulatory	0	0	0	0	0	0	3	4	8	18	29	44	70	176
All Other Cardiovascular	1	1	2	2	2	1	14	22	85	174	239	508	793	1,844		

(Continued)

Maricopa County 2012 Mortality (Death) Statistics

(Table 2.04a continued)

Cause		Number of Deaths by Age Group												Total	
		<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84		85+
Other Respiratory Diseases	Influenza & Pneumonia	0	0	0	0	1	1	1	6	7	12	25	66	99	218
	Chronic Lower Respiratory	0	0	0	0	0	0	3	12	37	160	415	590	430	1,647
GI & Urinary	Peptic Ulcer	0	0	0	0	0	0	1	1	5	0	5	11	3	26
	Liver Disease	0	0	0	0	0	0	12	33	106	150	91	52	15	459
	Nephritis	0	0	0	0	0	0	3	1	8	11	14	32	62	131
Pregnancy & Early Life	Pregnancy	0	0	0	0	0	0	3	3	0	0	0	0	0	6
	Perinatal Conditions	156	0	1	0	0	0	0	1	0	0	0	0	0	158
	Congenital Malformations	79	11	3	2	2	4	2	8	7	9	7	6	6	146
	SIDS	9	0	0	0	0	0	0	0	0	0	0	0	0	9
Other Diseases	Symptoms, Signs	30	8	0	1	4	16	36	44	69	47	66	200	657	1,178
	Other Diseases	27	16	4	10	4	23	48	84	249	432	558	1,012	1,354	3,821
External Causes	Motor Vehicle Collisions	2	6	5	5	29	46	59	47	44	48	21	17	11	340
	All Other Accidents	7	18	4	3	16	40	107	110	167	141	88	171	249	1,121
	Suicide	1	0	0	3	28	37	97	83	125	95	38	30	16	553
	Homicide	3	3	2	2	15	34	47	38	33	12	8	7	0	204
	Other External Causes	4	2	0	0	0	6	13	18	21	26	11	1	1	103
	All External Causes	17	29	11	13	88	163	323	296	390	322	166	226	277	2,321
Unknown		2	0	0	1	2	4	5	7	23	26	33	43	45	191
Total		323	70	33	38	114	230	554	751	1,798	3,210	4,311	6,324	8,030	25,786

Maricopa County 2012 Mortality (Death) Statistics

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

Cause		Death 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+	
Infectious Diseases	Tuberculosis	0	0	0	0	0	0	0	0	0	0	0.6	0	0	
	Syphilis	0	0	0	0	0	0	0	0	0.2	0.2	0	0	0	
	HIV	0	0	0	0	0.4	2	1.7	5.6	2.8	1.4	0	1.5	1.7	
Cancer	Stomach	0	0	0	0	0	0.2	0.8	2.3	6.6	8.6	14.7	23.1	2.7	
	Colon	0	0	0	0	0.4	1.1	3.2	9.5	23.2	45.8	80.4	155.8	13.5	
	Pancreas	0	0	0	0	0	0.2	0.4	6.4	20.4	48.3	76.5	120.3	11.7	
	Lung	0	0.3	0	0	0	0.4	1.7	15.2	62.6	164.1	294	288.5	37.6	
	Breast	0	0	0	0	0	0.7	4.1	10.5	20.9	32.7	57.4	120.3	11	
	Uterine & Ovarian	0	0	0	0.4	0	0.9	2.6	7.8	13.8	22.7	44	52.5	7.3	
	Prostate	0	0	0	0	0	0	0	1	5.9	19	66.3	154.3	7.3	
	Urinary	0	0.3	0.4	0	0	0.2	0.6	3.1	11	25.8	51.7	111.1	7.5	
	Lymphoma	0	0	0	0.4	0.7	0.2	1.3	1.8	5.9	18.6	42.7	69.4	5.4	
	Leukemia	0	0.3	1.1	0.7	1.1	0.9	1.5	3.9	6.6	20.3	54.8	78.7	6.7	
	Other Cancer	1.5	2.8	1.4	2.2	1.8	4.8	7.9	28.6	73.1	119.6	234	361	38.1	
	All Cancer	1.5	3.7	2.9	3.7	4	9.6	24.1	90.1	250	525.5	1016.5	1535	148.8	
Diabetes and Alzheimer's	Diabetes	0	0	0	0.4	1.1	1.6	3.9	14.2	47.4	83.7	140.9	256.1	23.8	
	Alzheimer's	0	0	0	0	0	0	0	0.6	3.3	30.3	280	1,502.80	38.5	
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	0	0	0	0	0	1.3	1.7	4.9	8.9	17.9	53.6	302.4	10.4
		Ischemic Heart Disease	0	0	0	0	0.4	2.2	8.3	34.3	109.5	231.3	658.1	2,371.40	99.9
		Other Heart Disease	1.1	0.3	0.4	0	0.7	2	4.1	8.2	15.7	37.6	132	648	22.4
		All Heart Disease	1.1	0.3	0.4	0	1.1	5.5	14.1	47.4	134.1	286.8	843.7	3321.8	132.7
	Other Cardiovascular	Primary Hypertension	0	0	0	0	0	0.5	0.4	4.5	12.4	20	86.7	317.8	12.2
		Cerebrovascular	0.7	0.7	0.7	0.7	0.4	1.4	3	10.1	22.3	47.2	192	728.2	27.6
		Atherosclerosis	0	0	0	0	0	0	0	0.4	1.9	5.2	17.2	69.4	2.5
		Other Circulatory	0	0	0	0	0	0.5	0.8	1.6	4.2	10	28.1	108	4.5
		All Other Cardiovascular	1.5	1.4	1.4	1.5	0.7	5.0	8.3	33.1	81.6	164.7	647.9	2,447.0	93.6

(Continued)

Maricopa County 2012 Mortality (Death) Statistics

(Table 2.04b Continued)

Cause		Death 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 Respiratory Diseases	Influenza & Pneumonia	0	0	0	0.4	0.4	0.2	1.1	1.4	2.8	8.6	42.1	152.7	5.5
	Chronic Lower Respiratory	0	0	0	0	0	0.5	2.3	7.2	37.5	143	376.3	663.4	41.8
GI & Urinary	Peptic Ulcer	0	0	0	0	0	0.2	0.2	1	0	1.7	7	4.6	0.7
	Liver Disease	0	0	0	0	0	2.2	6.2	20.6	35.2	31.4	33.2	23.1	11.6
	Nephritis	0	0	0	0	0	0.5	0.2	1.6	2.6	4.8	20.4	95.7	3.3
Pregnancy & Early Life	Pregnancy	0	0	0	0	0	0.5	0.6	0	0	0	0	0	0.2
	Perinatal Conditions	56.9	0.3	0	0	0	0	0.2	0	0	0	0	0	4
	Congenital Malformations	32.8	1	0.7	0.7	1.4	0.4	1.5	1.4	2.1	2.4	3.8	9.3	3.7
	SIDS	3.3	0	0	0	0	0	0	0	0	0	0	0	0.2
Other Diseases	Symptoms, Signs	13.9	0	0.4	1.5	5.6	6.5	8.3	13.4	11	22.7	127.5	1,013.70	29.9
	Other Diseases	15.7	1.4	3.5	1.5	8.1	8.6	15.8	48.5	101.3	192.3	645.4	2,089.10	96.9
External Causes	Motor Vehicle Collisions	2.9	1.7	1.8	10.7	16.1	10.6	8.8	8.6	11.3	7.2	10.8	17	8.6
	All Other Accidents	9.1	1.4	1.1	5.9	14	19.2	20.7	32.5	33.1	30.3	109	384.2	28.4
	Suicide	0.4	0	1.1	10.3	13	17.4	15.6	24.3	22.3	13.1	19.1	24.7	14
	Homicide	2.2	0.7	0.7	5.5	11.9	8.4	7.1	6.4	2.8	2.8	4.5	0	5.2
	Other External Causes	2.2	0	0	0	2.1	2.3	3.4	4.1	6.1	3.8	0.6	1.5	2.6
	All External Causes	16.8	3.8	4.7	32.4	57.1	57.9	55.6	75.9	75.6	57.2	144	427.4	58.8
Total		142.7	11.2	13.3	41.3	79.6	98.6	140	345.7	746.7	1474.2	4005.4	12319.6	649

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 2012 Mortality (Death) Statistics

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

Cause			Gender			
			Male	Female	Total	
Infectious Diseases		Tuberculosis	1	0	1	
		Syphilis	2	0	2	
		HIV	56	11	67	
		All	59	11	70	
Cancer		Stomach	62	46	108	
		Colon	271	261	532	
		Pancreas	255	206	461	
		Lung	762	719	1,481	
		Breast	2	430	432	
		Uterine	0	288	288	
		Prostate	289	0	289	
		Urinary	217	80	297	
		Lymphoma	125	86	211	
		Leukemia	150	116	266	
		Other Cancer	924	579	1,503	
		All	3,057	2,811	5,868	
	Diabetes and Alzheimer's		Diabetes	519	420	939
			Alzheimer's	523	995	1,518
		All	1,042	1,415	2,457	
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	188	223	411	
		Ischemic Heart Disease	2,270	1,670	3,940	
		Other Heart Disease	401	484	885	
		All	2,859	2,377	5,236	
	Other Cardiovascular	Primary Hypertension	207	274	481	
		Cerebrovascular	457	633	1,090	
		Atherosclerosis	48	49	97	
		Other Circulatory	97	79	176	
		All	809	1,035	1,844	
Other Respiratory Diseases		Influenza & Pneumonia	90	128	218	
		Chronic Lower Respiratory	791	856	1,647	
		All	881	984	1,865	
GI & Urinary		Peptic Ulcer	14	12	26	
		Liver Disease	308	151	459	
		Nephritis	56	75	131	
		All	378	238	616	
Pregnancy & Early Life		Pregnancy	0	6	6	
		Perinatal Conditions	88	70	158	
		Congenital Malformations	65	81	146	
		SIDS	7	2	9	
		All	160	159	319	
Other Diseases		Symptoms, Signs	486	692	1,178	
		Other Diseases	1,817	2,004	3,821	
		All	2,303	2,696	4,999	
External Causes		Motor Vehicle Collisions	246	94	340	
		All Other Accidents	624	497	1,121	
		Suicide	432	121	553	
		Homicide	153	51	204	
		Other External Causes	60	43	103	
		All	1,515	806	2,321	
Unknown ¹			104	86	191	
Total			13,167	12,618	25,786	

¹One case for the Unknown category was recorded as an unknown gender

Maricopa County 2012 Mortality (Death) Statistics

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

Cause		Death Rate by Gender			
		Male	Female	Total	
Infectious Diseases	Tuberculosis	0.1	0	0	
	Syphilis	0.1	0	0.1	
	HIV	2.9	0.6	1.7	
Cancer	Stomach	3.2	2.3	2.7	
	Colon	13.9	13.1	13.5	
	Pancreas	13.1	10.3	11.7	
	Lung	39.1	36.1	37.6	
	Breast	0.1	21.6	11	
	Uterine & Ovarian ¹	0	14.5	7.3	
	Prostate ¹	14.8	0	7.3	
	Urinary	11.1	4	7.5	
	Lymphoma	6.4	4.3	5.4	
	Leukemia	7.7	5.8	6.7	
	Other Cancer	47.4	29.1	38.1	
	All Cancer	156.8	141.1	148.8	
Diabetes and Alzheimer's	Diabetes	26.6	21.1	23.8	
	Alzheimer's	26.8	50	38.5	
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	9.6	11.2	10.4
		Ischemic Heart Disease	116.4	83.8	99.9
		Other Heart Disease	20.6	24.3	22.4
		All Heart Disease	146.6	119.3	132.7
	Other Cardiovascular	Primary Hypertension	10.6	13.8	12.2
		Cerebrovascular	23.4	31.8	27.6
		Atherosclerosis	2.5	2.5	2.5
		Other Circulatory	5	4	4.5
		All Other Cardiovascular	41.5	52.1	46.8
Other Respiratory Diseases	Influenza & Pneumonia	4.6	6.4	5.5	
	Chronic Lower Respiratory	40.6	43	41.8	
GI & Urinary	Peptic Ulcer	0.7	0.6	0.7	
	Liver Disease	15.8	7.6	11.6	
	Nephritis	2.9	3.8	3.3	
Pregnancy & Early Life	Pregnancy ¹	0	0.3	0.2	
	Perinatal Conditions	4.5	3.5	4	
	Congenital Malformations	3.3	4.1	3.7	
	SIDS ²	0.4	0.1	0.2	
Other Diseases	Symptoms, Signs	24.9	34.7	29.9	
	Other Diseases	93.2	100.6	96.9	
External Causes	Motor Vehicle Collisions	12.6	4.7	8.6	
	All Other Accidents	32	25	28.4	
	Suicide	22.2	6.1	14	
	Homicide	7.8	2.6	5.2	
	Other External Causes	3.1	2.2	2.8	
	All External causes	77.7	40.5	58.9	
Total³		670.0	629.40	649.1	

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.

³ Unknown category rate was not calculated

Maricopa County 2012 Mortality (Death) Statistics

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

Cause		Race/Ethnicity						Other/ Unknown	Total
		White	Hispanic	African American	American Indian.	Asian	Multiple		
Infectious Diseases	<i>Clostridium difficile</i>	72	9	4	1	0	0	0	86
	Other Intestinal Infections	18	6	1	1	1	1	0	28
	Septicaemia	89	7	8	1	2	0	0	107
	Viral Hepatitis	109	39	7	4	4	0	2	165
	Coccidioidomycosis	5	3	3	0	2	0	0	13
	Other Mycoses	3	0	0	0	0	0	0	3
Cancer	Brain	185	19	7	2	3	1	0	217
	Lip & Oral	62	4	3	0	0	0	0	69
	Skin	108	6	1	0	1	2	0	118
	Ovarian	137	22	3	2	7	3	0	174
	Testicular	3	1	0	0	0	0	0	4
Other Diseases	Anemias	13	3	6	0	1	0	0	23
	Nutritional Deficiencies	14	0	0	1	1	1	0	17
	Obesity	84	17	9	3	1	1	0	115
	Mental & Behavioral Disorders Due to the Use of Alcohol	85	11	0	6	1	3	2	108
	Parkinson's Disease	289	11	4	0	3	1	2	310
	Multiple Sclerosis	33	2	2	0	0	1	0	38
	Epilepsy	14	3	0	0	1	1	1	20
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	680	83	39	4	16	5	6	833
	Congestive Heart Failure	142	16	4	1	0	1	0	164
Chronic Lower Respiratory	Emphysema	55	2	1	0	0	0	0	58
	Asthma	30	4	2	1	1	0	0	38
Liver Disease	Alcoholic Liver Disease	219	75	13	33	3	1	1	345
Musculoskeletal	Rheumatoid Arthritis	21	6	0	0	0	0	0	27
	Lupus	9	8	0	0	0	0	0	17
	Osteoporosis	10	1	0	0	0	0	0	11
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth	10	22	7	0	0	1	0	40
	Congenital Malformations of the Circulatory	20	14	4	2	0	0	0	40
	Chromosomal Abnormalities	6	13	4	0	2	1	0	26
External Causes	Falls	407	35	9	4	3	2	1	461
	Unintentional Drowning	24	11	4	2	5	4	1	51
	Unintentional Poisoning	294	66	25	13	3	8	4	413
	Exposure to Excessive Natural Heat	23	9	0	4	1	0	1	38
	Legal Intervention	5	1	0	0	0	0	0	6
	Accidental Discharge of Firearms	0	1	0	0	0	0	0	1
	Discharge of Firearms, Undetermined Intent	3	0	0	2	0	0	0	5
	Complications of Medical and Surgical Care	18	2	5	1	0	1	0	27

Maricopa County 2012 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	African American	American Indian.	Asian	Multiple	Other/Unknown		
Infectious Diseases	<i>Clostridium difficile</i>	3.2	0.8	2.1	1.6	0	0	0	2.2
	Other Intestinal Infections	0.8	0.5	0.5	1.6	0.7	1.3	0	0.7
	Septicaemia	3.9	0.6	4.2	1.6	1.3	0	0	2.7
	Viral Hepatitis	4.8	3.3	3.7	6.4	2.7	0	0	4.2
	Coccidioidomycosis	0.2	0.3	1.6	0	1.3	0	0	0.3
	Other Mycoses	0.1	0	0	0	0	0	0	0.1
Cancer	Brain	8.1	1.6	3.7	3.2	2.0	1.3	0	5.5
	Lip & Oral	2.7	0.3	1.6	0	0	0	0	1.8
	Skin	4.7	0.5	0.5	0	0.7	2.7	0	3.0
	Ovarian ¹	6.0	1.9	1.6	3.2	4.7	4.0	0	4.4
	Testicular	0.1	0.1	0	0	0	0	0	0.1
	Other Diseases	Anemias	0.6	0.3	3.2	0	0.7	0	0
	Nutritional Deficiencies	0.6	0	0	1.6	0.7	1.3	0	0.4
	Obesity	3.7	1.4	4.7	4.8	0.7	1.3	0	2.9
	Mental & Behavioral Disorders Due to the Use of	3.7	0.9	0	9.5	0.7	4.0	0	2.7
	Parkinson's Disease	12.7	0.9	2.1	0	2.0	1.3	0	7.9
	Multiple Sclerosis	1.4	0.2	1.1	0	0	1.3	0	1.0
	Epilepsy	0.6	0.3	0	0	0.7	1.3	0	0.5
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	29.8	7.0	20.5	6.4	10.6	6.7	0	21.1
	Congestive Heart Failure	6.2	1.4	2.1	1.6	0	1.3	0	4.2
Chronic Lower Respiratory	Emphysema	2.4	0.2	0.5	0	0	0	0	1.5
	Asthma	1.3	0.3	1.1	1.6	0.7	0	0	1.0
Liver Disease	Alcoholic Liver Disease	9.6	6.3	6.8	52.5	2.0	1.3	0	8.8
Musculoskeletal	Rheumatoid Arthritis	0.9	0.5	0	0	0	0	0	0.7
	Lupus	0.4	0.7	0	0	0	0	0	0.4
	Osteoporosis	0.4	0.1	0	0	0	0	0	0.3
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth	0.4	1.9	3.7	0	0	1.3	0	1.0
	Congenital Malformations of the Circulatory System	0.9	1.2	2.1	3.2	0	0	0	1.0
	Chromosomal Abnormalities	0.3	1.1	2.1	0	1.3	1.3	0	0.7
External Causes	Falls	17.8	3.0	4.7	6.4	2.0	2.7	0	11.7
	Unintentional Drowning	1.1	0.9	2.1	3.2	3.3	5.4	0	1.3
	Unintentional Poisoning	12.9	5.6	13.1	20.7	2.0	10.8	0	10.5
	Exposure to Excessive Natural Heat	1.0	0.8	0	6.4	0.7	0	0	1.0
	Legal Intervention	0.2	0.1	0	0	0	0	0	0.2
	Accidental Discharge of Firearms	0	0.1	0	0	0	0	0	0.0
	Discharge of Firearms, Undetermined Intent	0.1	0	0	3.2	0	0	0	0.1
	Complications of Medical and Surgical Care	0.8	0.2	2.6	1.6	0	1.3	0	0.7

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

Maricopa County 2012 Mortality (Death) Statistics

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

Cause		Age Group													Total
		<1	1-4	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	10	23	27	26	86
	Other Intestinal Infections	5	3	0	0	0	0	0	0	0	2	4	6	8	28
	Septicaemia	1	0	0	0	0	1	0	2	8	15	21	35	24	107
	Viral Hepatitis	0	0	0	0	0	0	0	6	43	81	26	7	2	165
	Coccidioidomycosis	0	0	0	0	0	0	1	1	1	5	0	3	2	13
	Other Mycoses	0	0	0	0	0	0	0	0	0	0	2	0	1	3
Cancer	Brain	1	1	4	1	3	2	11	12	37	51	35	35	24	217
	Lip & Oral	0	0	0	0	0	0	0	1	7	16	16	19	10	69
	Skin	0	0	0	0	0	0	5	6	16	24	25	31	11	118
	Ovarian	0	0	0	0	1	0	2	8	24	35	39	44	21	174
	Testicular	0	0	0	0	1	1	1	0	0	1	0	0	0	4
Other Diseases	Anemias	0	0	0	0	0	1	1	1	2	3	2	3	10	23
	Nutritional Deficiencies	1	0	0	0	0	0	0	0	1	1	2	5	7	17
	Obesity	0	0	0	0	1	2	7	10	33	37	15	8	2	115
	Mental & Behavioral Disorders Due to	0	0	0	0	0	0	2	11	27	45	18	2	3	108
	Parkinson's Disease	0	0	0	0	0	0	0	0	1	6	40	125	138	310
	Multiple Sclerosis	0	0	0	0	0	0	0	1	5	5	12	8	7	38
	Epilepsy	1	0	0	1	0	1	0	2	4	3	3	4	1	20
Cardiovascular	Acute Myocardial Infarction (Heart)	0	0	0	0	0	0	2	8	45	94	155	234	295	833
	Congestive Heart Failure	0	0	0	0	0	0	0	0	2	1	13	24	124	164
Chronic Lower Respiratory	Emphysema	0	0	0	0	0	0	0	0	2	7	19	17	13	58
	Asthma	0	0	0	0	0	0	3	3	5	5	6	8	8	38
Liver Disease	Alcoholic Liver Disease	0	0	0	0	0	0	12	31	94	121	60	22	5	345
Musculoskeletal	Rheumatoid Arthritis	0	0	0	0	0	0	0	0	2	3	4	11	7	27
	Lupus	0	0	0	0	0	2	3	3	3	2	2	2	0	17
	Osteoporosis	0	0	0	0	0	0	0	0	0	0	1	2	8	11
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation &	40	0	0	0	0	0	0	0	0	0	0	0	0	40
	Congenital Malformations of the Circulatory System	18	4	1	0	0	0	0	4	3	3	1	5	1	40
	Chromosomal Abnormalities	17	2	0	0	0	0	0	1	0	4	2	0	0	26
External Causes	Falls	0	0	0	0	2	2	5	2	16	32	52	136	214	461
	Unintentional Drowning	1	11	2	1	2	4	7	3	10	4	1	4	1	51
	Unintentional Poisoning	0	0	0	0	11	30	85	90	111	68	14	1	3	413
	Exposure to Excessive Natural Heat	1	0	0	0	0	0	0	4	9	10	3	7	4	38
	Legal Intervention	0	0	0	0	0	1	1	2	2	0	0	0	0	6
	Accidental Discharge of Firearms	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	Discharge of Firearms, Undetermined Intent	0	0	0	0	0	1	2	0	0	1	1	0	0	5
	Complications of Medical and Surgical Care	0	1	1	0	0	1	1	3	2	4	6	1	7	27

Maricopa County 2012 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												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	2.3	7.9	17.2	40.1	2.2
	Other Intestinal Infections	1.8	0	0	0	0	0	0	0	0.5	1.4	3.8	12.3	0.7
	Septicaemia	0.4	0	0	0	0.4	0	0.4	1.6	3.5	7.2	22.3	37.0	2.7
	Viral Hepatitis	0	0	0	0	0	0	1.1	8.4	19.0	9.0	4.5	3.1	4.2
	Coccidioidomycosis	0	0	0	0	0	0.2	0.2	0.2	1.2	0	1.9	3.1	0.3
	Other Mycoses	0	0	0	0	0	0	0	0	0	0.7	0	1.5	0.1
Cancer	Brain	0.4	1.4	0.4	1.1	0.7	2.0	2.3	7.2	12.0	12.1	22.3	37.0	5.5
	Lip & Oral	0	0	0	0	0	0	0.2	1.4	3.8	5.5	12.1	15.4	1.8
	Skin	0	0	0	0	0	0.9	1.1	3.1	5.6	8.6	19.8	17.0	3.0
	Ovarian ¹	0	0	0	0.4	0	0.4	1.5	4.7	8.2	13.4	28.1	32.4	4.4
	Testicular	0	0	0	0.4	0.4	0.2	0	0	0.2	0	0	0	0.1
Other Diseases	Anemias	0	0	0	0	0.4	0.2	0.2	0.4	0.7	0.7	1.9	15.4	0.6
	Nutritional Deficiencies	0.4	0	0	0	0	0	0	0.2	0.2	0.7	3.2	10.8	0.4
	Obesity	0	0	0	0.4	0.7	1.3	1.9	6.4	8.7	5.2	5.1	3.1	2.9
	Mental & Behavioral Disorders Due to the	0	0	0	0	0	0.4	2.1	5.3	10.5	6.2	1.3	4.6	2.7
	Parkinson's Disease	0	0	0	0	0	0	0	0.2	1.4	13.8	79.7	212.9	7.9
	Multiple Sclerosis	0	0	0	0	0	0	0.2	1.0	1.2	4.1	5.1	10.8	1.0
	Epilepsy	0.4	0	0.4	0	0.4	0	0.4	0.8	0.7	1.0	2.6	1.5	0.5
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	0	0	0	0	0	0.4	1.5	8.8	22.0	53.4	149.2	455.2	21.1
	Congestive Heart Failure	0	0	0	0	0	0	0	0.4	0.2	4.5	15.3	191.3	4.2
Chronic Lower Respiratory	Emphysema	0	0	0	0	0	0	0	0.4	1.6	6.5	10.8	20.1	1.5
	Asthma	0	0	0	0	0	0.5	0.6	1.0	1.2	2.1	5.1	12.3	1.0
Liver Disease	Alcoholic Liver Disease	0	0	0	0	0	2.2	5.8	18.3	28.4	20.7	14.0	7.7	8.8
Musculoskeletal	Rheumatoid Arthritis	0	0	0	0	0	0	0	0.4	0.7	1.4	7.0	10.8	0.7
	Lupus	0	0	0	0	0.7	0.5	0.6	0.6	0.5	0.7	1.3	0	0.4
	Osteoporosis	0	0	0	0	0	0	0	0	0	0.3	1.3	12.3	0.3
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low	14.6	0	0	0	0	0	0	0	0	0	0	0	1.0
	Congenital Malformations of the Circulatory	6.6	0.3	0	0	0	0	0.8	0.6	0.7	0.3	3.2	1.5	1.0
	Chromosomal Abnormalities	6.2	0	0	0	0	0	0.2	0	0.9	0.7	0	0	0.7
External Causes	Falls	0	0	0	0.7	0.7	0.9	0.4	3.1	7.5	17.9	86.7	330.2	11.7
	Unintentional Drowning	0.4	0.7	0.4	0.7	1.4	1.3	0.6	1.9	0.9	0.3	2.6	1.5	1.3
	Unintentional Poisoning	0	0	0	4.1	10.5	15.3	16.9	21.6	15.9	4.8	0.6	4.6	10.5
	Exposure to Excessive Natural Heat	0.4	0	0	0	0	0	0.8	1.8	2.3	1.0	4.5	6.2	1.0
	Legal Intervention	0	0	0	0	0.4	0.2	0.4	0.4	0	0	0	0	0.2
	Accidental Discharge of Firearms	0	0	0	0	0.4	0	0	0	0	0	0	0	0.0
	Discharge of Firearms, Undetermined Intent	0	0	0	0	0.4	0.4	0	0	0.2	0.3	0	0	0.1
	Complications of Medical and Surgical Care	0	0.3	0	0	0.4	0.2	0.6	0.4	0.9	2.1	0.6	10.8	0.7

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

Maricopa County 2012 Mortality (Death) Statistics

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

Cause		Gender		
		Male	Female	Total
Infectious Diseases	<i>Clostridium difficile</i>	33	53	86
	Other Intestinal Infections	14	14	28
	Septicaemia	54	53	107
	Viral Hepatitis	118	47	165
	Coccidioidomycosis	7	6	13
	Other Mycoses	1	2	3
Cancer	Brain	121	96	217
	Lip & Oral	50	19	69
	Skin	82	36	118
	Ovarian	0	174	174
	Testicular	4	0	4
Other Diseases	Anemias	9	14	23
	Nutritional Deficiencies	6	11	17
	Obesity	49	66	115
	Mental & Behavioral Disorders Due to the Use of Alcohol	81	27	108
	Parkinson's Disease	196	114	310
	Multiple Sclerosis	13	25	38
	Epilepsy	12	8	20
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	448	385	833
	Congestive Heart Failure	68	96	164
Chronic Lower Respiratory	Emphysema	35	23	58
	Asthma	13	25	38
Liver Disease	Alcoholic Liver Disease	249	96	345
Musculoskeletal	Rheumatoid Arthritis	7	20	27
	Lupus	5	12	17
	Osteoporosis	0	11	11
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth Weight	22	18	40
	Congenital Malformations of the Circulatory System	19	21	40
	Chromosomal Abnormalities	8	18	26
External Causes	Falls	211	250	461
	Unintentional Drowning	38	13	51
	Unintentional Poisoning	258	155	413
	Exposure to Excessive Natural Heat	25	13	38
	Legal Intervention	6	0	6
	Accidental Discharge of Firearms	1	0	1
	Discharge of Firearms, Undetermined Intent	3	2	5
	Complications of Medical and Surgical Care	10	17	27

Maricopa County 2012 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	<i>Clostridium difficile</i>	1.7	2.7	2.2
	Other Intestinal Infections	0.7	0.7	0.7
	Septicaemia	2.8	2.7	2.7
	Viral Hepatitis	6.1	2.4	4.2
	Coccidioidomycosis	0.4	0.3	0.3
	Other Mycoses	0.1	0.1	0.1
Cancer	Brain	6.2	4.8	5.5
	Lip & Oral	2.6	1.0	1.8
	Skin	4.2	1.8	3.0
	Ovarian ¹	0	8.7	4.4
	Testicular ¹	0.2	0	0.1
Other Diseases	Anemias	0.5	0.7	0.6
	Nutritional Deficiencies	0.3	0.6	0.4
	Obesity	2.5	3.3	2.9
	Mental & Behavioral Disorders Due to the Use of Alcohol	4.2	1.4	2.7
	Parkinson's Disease	10.1	5.7	7.9
	Multiple Sclerosis	0.7	1.3	1.0
	Epilepsy	0.6	0.4	0.5
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	23.0	19.3	21.1
	Congestive Heart Failure	3.5	4.8	4.2
Chronic Lower Respiratory	Emphysema	1.8	1.2	1.5
	Asthma	0.7	1.3	1.0
Liver Disease	Alcoholic Liver Disease	12.8	4.8	8.8
Musculoskeletal	Rheumatoid Arthritis	0.4	1.0	0.7
	Lupus	0.3	0.6	0.4
	Osteoporosis	0	0.6	0.3
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth Weight	1.1	0.9	1.0
	Congenital Malformations of the Circulatory System	1.0	1.1	1.0
	Chromosomal Abnormalities	0.4	0.9	0.7
External Causes	Falls	10.8	12.6	11.7
	Unintentional Drowning	1.9	0.7	1.3
	Unintentional Poisoning	13.2	7.8	10.5
	Exposure to Excessive Natural Heat	1.3	0.7	1.0
	Legal Intervention	0.3	0	0.2
	Accidental Discharge of Firearms	0.1	0	0.0
	Discharge of Firearms, Undetermined Intent	0.2	0.1	0.1
	Complications of Medical and Surgical Care	0.5	0.9	0.7

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

Maricopa County 2012 Mortality (Death) Statistics

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

Age Group	Number of Deaths by Age Group					
	Firearm Related	Drug Induced	Drug Related, Exc. Tobacco	Drug Related, Inc. Tobacco ¹	Alcohol Induced	Alcohol Related
0-9	4	1	1	1	0	0
10-14	2	0	0	0	0	0
15-19	29	13	13	13	0	1
20-24	58	38	40	40	1	3
25-34	96	106	122	130	18	36
35-44	74	116	142	180	46	75
45-54	84	145	202	372	132	201
55-64	73	112	141	702	171	251
65-74	37	26	39	894	80	119
75-84	27	9	6	971	24	41
85+	10	8	7	567	8	14
Total	494	574	713	3,870	480	741

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 2012 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	Death Rate by Age Group					
	Firearm Related	Drug Induced	Drug Related, Exc. Tobacco	Drug Related, Inc. Tobacco ¹	Alcohol Induced	Alcohol Related
0-9	1.5	0.4	0.4	0.4	0.0	0.0
10-14	0.7	0.0	0.0	0.0	0.0	0.0
15-19	10.7	4.8	4.8	4.8	0.0	0.4
20-24	20.3	13.3	14.0	14.0	0.4	1.1
25-34	17.2	19.0	21.9	23.3	3.2	6.5
35-44	13.9	21.8	26.7	33.8	8.6	14.1
45-54	16.4	28.3	39.3	72.4	25.8	39.1
55-64	17.1	26.2	33.1	164.6	40.1	58.8
65-74	12.8	9.0	13.4	308.1	27.7	41.0
75-84	17.2	5.7	3.8	619.2	15.3	26.1
85+	15.4	12.3	10.8	874.8	12.3	21.6
Total	12.5	14.5	18.1	98.2	12.1	18.8

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 2012 Mortality (Death) Statistics

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

Race/Ethnicity	Number of Deaths by Race/Ethnicity					
	Firearm Related	Drug Induced	Drug Related, Exc. Tobacco	Drug Related, Inc. Tobacco ¹	Alcohol Induced	Alcohol Related
White	335	423	524	3,301	321	503
Hispanic	101	82	105	306	89	137
African American	30	33	48	163	14	20
American Indian	11	14	15	30	45	63
Asian	7	3	3	28	4	4
Multiple	7	13	12	28	4	4
Other/ Unknown	3	6	6	14	3	10
Total	494	574	713	3,870	480	741

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

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

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

Race/Ethnicity	Death Rate by Race/Ethnicity					
	Firearm Related	Drug Induced	Drug Related, Exc. Tobacco	Drug Related, Inc. Tobacco ¹	Alcohol Induced	Alcohol Related
White	14.7	18.6	23.0	144.6	14.1	22.0
Hispanic	8.5	6.9	8.9	25.9	7.5	11.6
African American	15.8	17.4	25.2	85.7	7.4	10.5
American Indian	17.5	22.3	23.9	47.7	71.6	100.2
Asian	4.7	2.0	2.0	18.6	2.7	2.7
Multiple	9.4	17.5	16.2	37.8	5.4	5.4
Other/ Unknown	-	-	-	-	-	-
Total	12.5	14.5	18.1	98.2	12.1	18.8

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

¹ Rates for the Unknown/Other 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 2012 Mortality (Death) Statistics

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

Gender	Number of Deaths by Gender					
	Firearm Related	Drug Induced	Drug Related, Exc. Tobacco	Drug Related, Inc. Tobacco ¹	Alcohol Induced	Alcohol Related
Male	416	347	449	2,292	351	550
Female	78	227	264	1,578	129	191
Total	494	574	713	3,870	480	741

¹See 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	Death Rate by Gender					
	Firearm Related	Drug Induced	Drug Related, Exc. Tobacco	Drug Related, Inc. Tobacco ¹	Alcohol Induced	Alcohol Related
Male	21.3	17.8	23.0	117.5	18.0	28.2
Female	3.9	11.4	13.3	79.2	6.5	9.6
Total	12.5	14.5	18.1	98.2	12.1	18.8

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 2012 Mortality (Death) Statistics

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

Marital Status at Death	Number and Percent of Deaths by Race/Ethnicity														Total	
	White		Hispanic		African American		American Indian		Asian		Multiple		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Single	1,702	8.2	754	25.7	287	26.1	125	41.5	58	15.9	53	32.1	5	5.0	2,984	11.6
Married	8,241	39.5	1,058	36.0	288	26.1	68	22.6	161	44.1	42	25.5	26	26.0	9,884	38.3
Widowed	7,285	35.0	661	22.5	246	22.1	53	17.6	110	30.1	36	21.8	15	15.0	8,406	32.6
Divorced	3,458	16.6	443	15.1	236	21.1	50	16.6	35	9.6	33	20.0	4	4.0	4,259	16.5
Unknown	155	0.7	22	0.7	19	1.8	5	1.7	1	0.3	1	0.6	50	50.0	253	1.0
Total	20,841		2,938		1,076		301		365		165		100		25,786	

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

Educational Level	Number and Percent of Deaths 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	969	4.6	985	33.5	82	7.6	43	14.3	54	14.8	14	8.5	4	4.0	2,151	8.3
Some High School	1,480	7.1	418	14.2	112	10.4	65	21.6	26	7.1	16	9.7	3	3.0	2,120	8.2
High School Graduate or GED	7,944	38.1	758	25.8	361	33.6	92	30.6	94	25.8	42	25.5	19	19.0	9,310	36.1
Some College	4,101	19.7	273	9.3	197	18.3	47	15.6	41	11.2	34	20.6	2	2.0	4,695	18.2
College Graduate	4,257	20.4	207	7.0	177	16.4	27	9.0	94	25.8	34	20.6	5	5.0	4,801	18.6
Graduate School	1,620	7.8	47	1.6	69	6.4	9	3.0	30	8.2	7	4.2	7	7.0	1,789	6.9
Unknown	470	2.3	250	8.5	78	7.2	18	6.0	26	7.1	18	10.9	60	60.0	920	3.6
Total	20,841		2,938		1,076		301		365		165		100		25,786	

Maricopa County 2012 Mortality (Death) Statistics

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

Gender	Number and Percent of Deaths by Race/Ethnicity														Total	
	White		Hispanic		African American		American Indian		Asian		Multiple		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male	1	0.0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
Female	10,494	50.4	1,615	55.0	566	52.6	159	52.8	175	47.9	86	52.1	72	72.0	13,167	51.1
Unknown	10,346	49.6	1,323	45.0	510	47.4	142	47.2	190	52.1	79	47.9	28	28.0	12,618	48.9
Total	20,841		2,938		1,076		301		365		165		100		25,786	

Maricopa County 2012 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 – Total	913.1	248.6	565.5	478.8	242.8	222.5	654.1
Heart Disease	278.4	66.6	162.4	105	74.5	47.2	132.7
All Cancer	155.6	42.9	92.5	58.9	52.6	32.4	111.3
Cerebrovascular	38.3	10.7	26.8	14.3	15.3	4.0	27.6
Unintentional Injuries ¹	46.1	20.5	30.0	58.9	12.6	24.3	36.4
Pneumonia & Influenza	7.9	1.9	3.2	3.2	2.0	4.0	5.5
Diabetes (single cause)	26.6	17.3	33.1	49.3	16.0	5.4	23.8
Suicide	18.9	5.7	10.5	17.5	6.0	14.8	14.0
Homicide	3.2	7.4	14.2	15.9	0.7	5.4	5.2
AIDS and HIV	1.7	1.4	5.3	1.6	0.7	1.3	1.7
Asthma	1.3	0.3	1.1	1.6	0.7	0	1.0
Drug Induced	18.5	6.9	17.3	22.3	2.0	17.5	14.6
Firearm Related	14.5	8.5	15.8	15.9	4.7	9.4	12.4
Alcohol Induced	14.1	7.5	7.4	71.6	2.7	5.4	12.2
Age Adjusted Death Rates							
	White	Hispanic	African American	American Indian	Asian	Multiple	Total
All Causes	413.6	530.1	810.7	951.7	337.8	582.7	640.5
Heart Disease	130.0	118.3	182.6	88.1	84.6	116.1	129.4
All Cancer	109.2	97.7	129.0	117.1	71.8	94.7	108.0
Cerebrovascular	25.8	30.2	44.7	25.2	25.9	12.9	27.2
Unintentional Injuries ¹	38.4	29.8	34.8	69.4	15.7	30.4	36.1
Pneumonia & Influenza	5.4	5.6	6.7	3.0	4.3	15.3	5.5
Diabetes (single cause)	18.3	44.0	51.1	112.3	26.2	14.5	22.8
Suicide	17.3	5.9	10.4	15.5	5.8	22.5	13.9
Homicide	3.1	7.5	14.1	15.0	0.7	6.5	5.2
AIDS and HIV	1.5	1.7	5.7	1.1	0.6	2.7	1.7
Asthma	1.0	0.8	1.0	3.1	1.3	0	1.0
Drug Induced	17.5	7.9	17.5	23.0	2.3	24.4	14.5
Firearm Related	13.3	8.3	15.0	12.9	4.6	19.5	12.3
Alcohol Induced	11.0	12.8	8.6	90.7	2.8	10.4	11.5

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 HP 2020 goal for deaths due to unintentional injury. See Technical Notes for details.

Maricopa County 2012 Mortality (Death) Statistics

Table 2.16 Death Rate Comparisons for Selected Underlying Causes of Death

Causes of Death	2012 Maricopa County		Age Adjusted Rate (Deaths per 100,000 Residents) ⁵			
	No. of Individuals	Crude Rate (Deaths per 100,000 Residents)	Maricopa County 2012	Arizona 2012	U.S. 2011 ³	Healthy People 2020 Goal
All Causes	25,786	654.1	640.5	687.2	740.6	-
Heart Disease	5,614	142.4	138.9	145.8	173.7	-
Coronary Heart Disease	4,318.0	109.5	106.7	112.7	109	100.8
All Other Heart Disease	1,296.0	32.9	32.2	-	53.1	-
All Cancers	4,387.0	111.3	108.0	149.8	168.6	160.6
Lung, Trachea, Bronchus Cancer	1,481	37.6	32.6	37.7	45.9	45.5
Female Breast Cancer ¹	430	21.6	19.4	10.4	12.0 ³	20.6
Prostate Cancer ¹	289	14.8	17.3	8.1	8.3 ³	21.2
All Other Cancers	2,187	55.5	38.7	-	-	-
Cerebrovascular Disease (Stroke)	1,090	27.6	27.2	29.9	37.9	33.8
Unintentional Injuries (Accidents) ²	1,434	36.4	36.1	42.4	38.0	36.0
Motor Vehicle	340	8.6	8.5	11.4	10.9	12.4
Falls	461	11.7	11.6	11.2	7.8	7.2
Accidental Poisoning	413	10.5	10.5	12.9	10.7	11.1
Drowning	51	1.3	1.3	1.3	1.1	1.1
All Other Unintentional Injuries	169	4.3	4.4	-	-	-
Pneumonia & Influenza	218	5.5	5.5	9.1	15.7	-
Diabetes ⁴	939	23.8	22.8	23.5	21.5	-
Suicide	553	14.0	13.9	16.2	12.0	10.2
Homicide	204	5.2	5.2	5.9	5.9	5.5
AIDS & HIV	67	1.7	1.7	1.5	2.4	3.3
Asthma	68	1.7	1.4	-	1.0	4.9
Drug Induced	574	14.6	14.5	16.3	12.8	11.3
Firearm Related	489	12.4	12.3	13.8	10.1	9.2
Alcohol Induced	480	12.2	11.5	14.2	7.6	-

¹ The 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.

² 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 HP 2020 goal. See Technical Notes for details.

³ All Figures are from Preliminary 2011 U.S. data.

⁴ Healthy 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.

⁵ Data not available for "-": there are no corresponding category in reports for Arizona and U.S 2011, 2020 Goals.

Maricopa County 2012 Mortality (Death) Statistics
Table 2.17 Leading Causes of Death by Race/Ethnicity

Rank	White	Hispanic	African American	American Indian	Asian	All
1	Cancer (4852)	Cancer (590)	Cancer (232)	Cancer (41)	Cancer (102)	Cancer (5,868)
2	Heart Disease (4,399)	Heart Disease (475)	Heart Disease (214)	Unintentional Injury (38)	Heart Disease (71)	Heart Disease (5,236)
3	Chronic Lower Respiratory (1,519)	Unintentional Injury (244)	Diabetes (63)	Liver Disease (38)	Diabetes (24)	Chronic Lower Respiratory (1,647)
4	Alzheimer's (1,348)	Diabetes (205)	Unintentional Injury (62)	Diabetes (31)	Stroke (23)	Alzheimer's (1,518)
5	Unintentional Injury (1,071)	Stroke (126)	Stroke (51)	Heart Disease (30)		Unintentional Injury (1,461)
6	Stroke (875)	Alzheimer's (108)	Chronic Lower Respiratory (38)			Stroke (1,090)
7	Diabetes (608)	Liver Disease (102)	Alzheimer's (32)			Diabetes (939)
8	Suicide (431)	Homicide (88)	Homicide (27)		***	Suicide (553)
9	Fall (407)	Chronic Lower Respiratory (69)	Suicide (20)			Liver Disease (459)
10	Liver Disease (297)	Suicide (67)				Influenza & Pneumonia (218)

***Fewer than 20 deaths occurred for a cause of death for African American (10th), American Indian (6th-10th), and Asian (5th-10th).

Maricopa County 2012 Mortality (Death) Statistics
Table 2.17 Leading Causes of Death by Age

Rank	Less than 15 years old	15 to 29	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 and above	Total
1	Unintentional Injury (50)	Unintentional Injury (45)	Unintentional Injury (86)	Unintentional Injury (166)	Unintentional Injury (157)	Cancer (463)	Cancer (1,066)	Heart Disease (4,308)	Cancer (5,868)
2	Cancer (23)	Suicide (28)	Suicide (37)	Suicide (97)	Cancer (128)	Heart Disease (243)	Heart Disease (572)	Cancer (4,114)	Heart Disease (5,236)
3			Homicide (34)	Cancer (53)	Suicide (83)	Unintentional Injury (211)	Diabetes (202)	Alzheimer's (1,501)	Chronic Lower Respiratory (1,647)
4				Homicide (47)	Heart Disease (75)	Suicide (125)	Unintentional Injury (189)	Chronic Lower Respiratory (1,435)	Alzheimer's (1,518)
5				Heart Disease (30)	Homicide (38)	Diabetes (73)	Chronic Lower Respiratory (160)	Stroke (910)	Unintentional Injury (1,461)
6		***			Diabetes (21)	Stroke (52)	Suicide (95)	Diabetes (630)	Stroke (1,090)
7						Chronic Lower Respiratory (37)	Stroke (95)	Unintentional Injury (557)	Diabetes (939)
8								Influenza & Pneumonia (190)	Suicide (553)
9								Suicide (84)	Influenza & Pneumonia (218)
10									Homicide (204)

***Fewer than 20 deaths occurred for a cause of death

Table 2.18 Years of Potential Life Lost

<i>Cause of Death</i>	YPLL*	Percent	Total Deaths
Total	263,589	100	25,786
Malignant Neoplasms.....	58,792	22.3	5,868
Trachea, bronchus, and lung.....	12,466	4.7	1,481
Breast.....	5,983	2.3	432
Colon, rectum, and anus.....	5,617	2.1	532
Uterus, cervix, and ovary.....	4,319	1.6	288
Pancreas.....	3,988	1.5	461
Unintentional Injury.....	35,880	13.6	1,561
Poisoning.....	14,548	5.5	413
Motor Vehicle Collisions.....	12,566	4.8	343
Drowning.....	2,255	0.9	51
Heart Disease.....	29,579	11.2	5,236
Suicide.....	17,333	6.6	562
Diabetes.....	9,521	3.6	939
Chronic Lower Respiratory.....	8,820	3.3	1,647
Homicide.....	8,422	3.2	204
Liver Disease.....	8,393	3.2	459
Cerebrovascular Disease.....	6,262	2.4	1,090
Viral Hepatitis.....	3,114	1.2	165
Pneumonia and Influenza.....	1,081	0.4	218
HIV.....	1,971	0.7	67
All Other Causes.....	74,265	28.2	7,770

*Years of Potential Life Lost (YPLL) are based on the life expectancy in 2011 from the National Center of Health Statistics. In 2011, females had a life expectancy of 81.1 years while males had a life expectancy of 76.3 years. See Technical Notes for details.

III. Maricopa County 2012 Natality (Birth) Statistics

Maricopa County 2012 Natality (Birth) Statistics

Table 3.01 Number and Percent of Births by Age & 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	3	0	27	0.1	5	0.1	2	0.1	1	0	0	0	38	0.1
15-19	1,008	4.1	2,952	13.6	395	11.3	252	15.5	49	1.8	4	2.3	4,660	8.6
20-24	4,625	18.7	6,220	28.7	1,052	30	547	33.7	301	11	8	4.6	12,753	23.4
25-29	7,766	31.4	5,725	26.4	955	27.3	387	23.9	790	28.9	27	15.5	15,650	28.7
30-34	7,276	29.4	4,126	19	686	19.6	278	17.1	988	36.1	55	31.6	13,409	24.6
35-39	3,289	13.3	2,147	9.9	320	9.1	127	7.8	476	17.4	26	14.9	6,385	11.7
40-44	739	3	476	2.2	84	2.4	27	1.7	124	4.5	36	20.7	1,486	2.7
45+	43	0.2	18	0.1	7	0.2	2	0.1	6	0.2	16	9.2	92	0.2
Unknown ¹	-		-		-		-		-		2	1.1	2	0
Total	24,749		21,691		3,504		1,622		2,735		174		54,475	

¹“Unknown” code is used for Age Group and Race/Ethnicity category. Total percentage was rounded for Unknown Age Group category
Data not available for “-”:

Maricopa County 2012 Natality (Birth) Statistics

Table 3.02 Number and Percent of Births by Marital Status & 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	17,504	70.7	8,722	40.2	1,130	32.2	360	22.2	2,295	83.9	145	83.3	30,156	55.4
Single	7,056	28.5	12,695	58.5	2,337	66.7	1,238	76.3	429	15.7	29	16.7	23,784	43.7
Refused	118	0.5	189	0.9	30	0.9	16	1	8	0.3	0	0	361	0.7
Divorced	22	0.1	11	0.1	1	0	2	0.1	0	0	0	0	36	0.1
Unknown	49	0.2	74	0.3	6	0.2	6	0.4	3	0.1	0	0	138	0.3
Total	24,749		21,691		3,504		1,622		2,735		174		54,475	

Maricopa County 2012 Natality (Birth) Statistics

Table 3.03 Number and Percent of Births by Educational Level & 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	67	0.3	396	1.8	62	1.8	7	0.4	51	1.9	0	0	583	1.1
6-11th Grade	1,487	6	7,362	33.9	547	15.6	391	24.1	155	5.7	6	3.4	9,948	18.3
HS Diploma	5,688	23	7,833	36.1	1,298	37	581	35.8	473	17.3	15	8.6	15,888	29.2
College+	17,294	69.9	6,030	27.8	1,573	44.9	630	38.8	2,032	74.3	40	23	27,599	50.7
Unknown	213	0.9	70	0.3	24	0.7	13	0.8	24	0.9	113	64.9	457	0.8
Total	24,749		21,691		3,504		1,622		2,735		174		54,475	

Maricopa County 2012 Natality (Birth) Statistics

Table 3.04 Number and Percent of Births by Method of Payment & 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	7,707	31.1	16,300	75.1	2,442	69.7	1,072	66.1	756	27.6	112	64.4	28,389	52.1
Indian Health Service	28	0.1	43	0.2	0	0	171	10.5	2	0.1	0	0	244	0.4
Private Insurance	15,808	63.9	4,793	22.1	983	28.1	353	21.8	1,883	68.8	40	23	23,860	43.8
Self	1,157	4.7	526	2.4	65	1.9	21	1.3	87	3.2	17	9.8	1,873	3.4
Unknown	49	0.2	29	0.1	14	0.4	5	0.3	7	0.3	5	2.9	109	0.2
Total	24,749		21,691		3,504		1,622		2,735		174		54,475	

Table 3.05 Trimester of First Prenatal Care (PNC) & 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	129	0.5	292	1.3	36	1	30	1.8	15	0.5	16	9.2	518	1
First	22,574	91.2	17,873	82.4	2,843	81.1	1,135	70	2,435	89	102	58.6	46,962	86.2
Second	1,676	6.8	2,855	13.2	518	14.8	342	21.1	242	8.8	32	18.4	5,665	10.4
Third	310	1.3	628	2.9	96	2.7	110	6.8	40	1.5	18	10.3	1,202	2.2
Unknown	60	0.2	43	0.2	11	0.3	5	0.3	3	0.1	6	3.4	128	0.2
Total	24,749		21,691		3,504		1,622		2,735		174		54,475	

Maricopa County 2012 Natality (Birth) Statistics

Table 3.06 Number and Percent of Prenatal Care Visits & 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	129	0.5	292	1.3	36	1	30	1.8	15	0.5	16	9.2	518	1
1 to 4	357	1.4	711	3.3	141	4	137	8.4	55	2	16	9.2	1,417	2.6
5 to 8	2,002	8.1	2,951	13.6	484	13.8	378	23.3	249	9.1	32	18.4	6,096	11.2
9 to 12	11,431	46.2	10,858	50.1	1,633	46.6	745	45.9	1,303	47.6	61	35.1	26,031	47.8
13 to 16	8,345	33.7	5,461	25.2	898	25.6	257	15.8	873	31.9	39	22.4	15,873	29.1
17 or More	2,417	9.8	1,364	6.3	299	8.5	70	4.3	237	8.7	4	2.3	4,391	8.1
Unknown	68	0.3	54	0.2	13	0.4	5	0.3	3	0.1	6	3.4	149	0.3
Total	24,749		21,691		3,504		1,622		2,735		174		54,475	

Maricopa County 2012 Natality (Birth) Statistics

**Table 3.07 Adequacy of Prenatal Care & 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	1,349	5.7	2,696	12.7	457	13.6	354	22.2	198	7.5	50	29.6	5,104	9.6
Intermediate	2,478	10.4	2,924	13.8	427	12.7	301	18.9	296	11.2	21	12.4	6,447	12.2
Adequate	10,875	45.5	8,875	41.8	1,286	38.2	595	37.4	1,179	44.4	48	28.4	22,858	43.2
Adequate Plus	9,101	38.1	6,684	31.5	1,186	35.2	336	21.1	977	36.8	45	26.6	18,329	34.7
Information Missing	72	0.3	58	0.3	11	0.3	6	0.4	3	0.1	5	3	155	0.3
Total	23,875		21,237		3,367		1,592		2,653		169		52,893	

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

Maricopa County 2012 Natality (Birth) Statistics

Table 3.08 Birthweight of Infant & Race/Ethnicity of Mother

Birthweight of Infant	Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/Unknown		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%		
<1500 Grams	270	1.1	239	1.1	86	2.5	16	1	24	0.9	2	1.1	637	1.2
1500-2499 Grams	1,271	5.1	1,197	5.5	344	9.8	88	5.4	176	6.4	18	10.3	3,094	5.7
2500-4249 Grams	22,255	89.9	19,607	90.4	2,999	85.6	1,438	88.7	2,484	90.8	150	86.2	48,933	89.8
>4249 Grams	953	3.9	648	3	75	2.1	80	4.9	51	1.9	2	1.1	1,809	3.3
Unknown¹	-		-		-		-		-		2	1.1	2	0
Total	24,749		21,691		3,504		1,622		2,735		174		54,475	

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.
 Data not available for "-":

Maricopa County 2012 Natality (Birth) Statistics

Table 3.09 Preterm Births (Less than 37 Weeks Gestation) & 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.	%
<i>Less than 34 Weeks</i>	581	2.3	556	2.6	141	4	46	2.8	58	2.1	5	2.9	1,387	2.5
<i>Late Preterm (34-36 Weeks)</i>	1,564	6.3	1,567	7.2	302	8.6	103	6.4	172	6.3	15	8.6	3,723	6.8
<i>37 Weeks or More</i>	22,604	91.3	19,568	90.2	3,061	87.4	1,473	90.8	2,505	91.6	152	87.4	49,363	90.6
<i>Unknown¹</i>	-		-		-		-		-		2	1.1	2	0
Total	24,749		21,691		3,504		1,622		2,735		174		54,475	

¹ "Unknown" code is used for Gestational Estimate and Race/Ethnicity category.
 Total percentage was rounded for Unknown Gestational Estimate category
 Data not available for "-":

Table 3.10 Number and Percent of Births by Medical Risk Factor & 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.	%
<i>No Medical Risk Present</i>	16,665	67.3	14,683	67.7	2,091	59.7	758	46.7	1,793	65.6	105	60.3	36,095	66.3
<i>Medical Risk Present</i>	8,084	32.7	7,008	32.3	1,413	40.3	864	53.3	942	34.4	69	39.7	18,380	33.7
Total	24,749		21,691		3,504		1,622		2,735		174		54,475	

Maricopa County 2012 Natality (Birth) Statistics

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

<i>Type of Delivery</i>	<i>Race/Ethnicity</i>												<i>Total</i>	
	<i>White</i>		<i>Hispanic</i>		<i>African American</i>		<i>American Indian</i>		<i>Asian</i>		<i>Other/ Unknown</i>			
	<i>No.</i>	<i>%</i>	<i>No.</i>	<i>%</i>	<i>No.</i>	<i>%</i>	<i>No.</i>	<i>%</i>	<i>No.</i>	<i>%</i>	<i>No.</i>	<i>%</i>	<i>No.</i>	<i>%</i>
<i>Vaginal</i>	17,389	70.3	16,163	74.5	2,360	67.4	1,164	71.8	1,833	67	126	72.4	39,035	71.7
<i>Primary C-Section</i>	4,080	16.5	2,635	12.1	581	16.6	244	15	547	20	18	10.3	8,105	14.9
<i>Repeat C-Section</i>	3,280	13.3	2,893	13.3	563	16.1	214	13.2	355	13	30	17.2	7,335	13.5
<i>Total</i>	24,749		21,691		3,504		1,622		2,735		174		54,475	

Maricopa County 2012 Natality (Birth) Statistics

Table 3.12 Number and Percent of Births by Birth Attendee & 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.	%
<i>Other</i>	75	0.3	24	0.1	6	0.2	1	0.1	3	0.1	5	2.9	114	0.2
<i>M.D.</i>	19,890	80.4	19,136	88.2	3,028	86.4	1,100	67.8	2,321	84.9	145	83.3	45,620	83.7
<i>Certified Nurse Midwife</i>	824	3.3	659	3	102	2.9	378	23.3	68	2.5	8	4.6	2,039	3.7
<i>Midwife</i>	419	1.7	55	0.3	8	0.2	0	0	12	0.4	2	1.1	496	0.9
<i>D.O.</i>	3,541	14.3	1,817	8.4	360	10.3	143	8.8	331	12.1	14	8	6,206	11.4
Total	24,749		21,691		3,504		1,622		2,735		174		54,475	

Maricopa County 2012 Natality (Birth) Statistics

Table 3.13 Number and Percent of Births by Marital Status & 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+		Unk.			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<i>Married</i>	0	0	457	9.8	4,283	33.6	9,670	61.8	9,908	73.9	4,714	73.8	1,058	71.2	64	69.6	2	100	30,156	55.4
<i>Single</i>	38	100	4,197	90.1	8,361	65.6	5,812	37.1	3,360	25.1	1,590	24.9	400	26.9	26	28.3	0	0	23,784	43.7
<i>Refused</i>	0	0	4	0.1	74	0.6	109	0.7	96	0.7	58	0.9	19	1.3	1	1.1	0	0	361	0.7
<i>Divorced</i>	0	0	0	0	4	0	16	0.1	9	0.1	4	0.1	2	0.1	1	1.1	0	0	36	0.1
<i>Unknown</i>	0	0	2	0	31	0.2	43	0.3	36	0.3	19	0.3	7	0.5	0	0	0	0	138	0.3
<i>Total</i>	38		4,660		12,753		15,650		13,409		6,385		1,486		92		2		54,475	

Table 3.14 Number and Percent of Births by Educational Level & 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+		Unk.			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<i>< 6th Grade</i>	1	2.6	25	0.5	85	0.7	166	1.1	164	1.2	106	1.7	34	2.3	2	2.2	0	0	583	1.1
<i>6-11th Grade</i>	36	94.7	2,298	49.3	2,684	21	2,122	13.6	1,620	12.1	945	14.8	234	15.7	9	9.8	0	0	9,948	18.3
<i>HS Diploma</i>	0	0	1,947	41.8	5,445	42.7	4,339	27.7	2,676	20	1,171	18.3	298	20.1	12	13	0	0	15,888	29.2
<i>College+</i>	0	0	375	8	4,460	35	8,901	56.9	8,845	66	4,097	64.2	869	58.5	52	56.5	0	0	27,599	50.7
<i>Unknown</i>	1	2.6	15	0.3	79	0.6	122	0.8	104	0.8	66	1	51	3.4	17	18.5	2	100	457	0.8
<i>Total</i>	38		4,660		12,753		15,650		13,409		6,385		1,486		92		2		54,475	

Maricopa County 2012 Natality (Birth) Statistics

Table 3.15 Number and Percent of Births by Method of Payment & 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+		Unk.			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
AHCCCS	32	84.2	4,006	86	9,324	73.1	7,476	47.8	4,687	35	2,241	35.1	581	39.1	41	44.6	1	50	28,389	52.1
Indian Health Service	0	0	34	0.7	75	0.6	72	0.5	40	0.3	21	0.3	2	0.1	0	0	0	0	244	0.4
Private Insurance	6	15.8	519	11.1	3,026	23.7	7,490	47.9	8,098	60.4	3,829	60	842	56.7	50	54.3	0	0	23,860	43.8
Self	0	0	92	2	295	2.3	580	3.7	564	4.2	281	4.4	60	4	1	1.1	0	0	1,873	3.4
Unknown	0	0	9	0.2	33	0.3	32	0.2	20	0.1	13	0.2	1	0.1	0	0	1	50	109	0.2
Total	38		4,660		12,753		15,650		13,409		6,385		1,486		92		2		54,475	

Table 3.16 Trimester of First Prenatal Care (PNC) & 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+		Unk.			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
No PNC	0	0	68	1.5	155	1.2	134	0.9	88	0.7	50	0.8	22	1.5	1	1.1	0	0	518	1
First	20	52.6	3,515	75.4	10,584	83	13,770	88	12,021	89.6	5,688	89.1	1,286	86.5	77	83.7	1	50	46,962	86.2
Second	14	36.8	853	18.3	1,626	12.7	1,415	9	1,073	8	528	8.3	147	9.9	9	9.8	0	0	5,665	10.4
Third	4	10.5	215	4.6	342	2.7	295	1.9	209	1.6	106	1.7	26	1.7	5	5.4	0	0	1,202	2.2
Unknown	0	0	9	0.2	46	0.4	36	0.2	18	0.1	13	0.2	5	0.3	0	0	1	50	128	0.2
Total	38		4,660		12,753		15,650		13,409		6,385		1,486		92		2		54,475	

Maricopa County 2012 Natality (Birth) Statistics

Table 3.17 Number and Percent of Prenatal Care Visits & 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+		Unk.			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
None	0	0	68	1.5	155	1.2	134	0.9	88	0.7	50	0.8	22	1.5	1	1.1	0	0	518	1
1 to 4	6	15.8	206	4.4	433	3.4	358	2.3	251	1.9	132	2.1	24	1.6	7	7.6	0	0	1,417	2.6
5 to 8	9	23.7	812	17.4	1,738	13.6	1,562	10	1,225	9.1	581	9.1	158	10.6	11	12	0	0	6,096	11.2
9 to 12	15	39.5	2,311	49.6	6,125	48	7,357	47	6,480	48.3	3,058	47.9	649	43.7	36	39.1	0	0	26,031	47.8
13 to 16	6	15.8	1,033	22.2	3,392	26.6	4,959	31.7	4,169	31.1	1,863	29.2	431	29	20	21.7	0	0	15,873	29.1
17 or More	2	5.3	220	4.7	854	6.7	1,241	7.9	1,172	8.7	687	10.8	197	13.3	17	18.5	1	50	4,391	8.1
Unknown	0	0	10	0.2	56	0.4	39	0.2	24	0.2	14	0.2	5	0.3	0	0	1	50	149	0.3
Total	38		4,660		12,753		15,650		13,409		6,385		1,486		92		2		54,475	

Maricopa County 2012 Natality (Birth) Statistics

**Table 3.18 Adequacy of Prenatal Care & 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+		Unk.			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<i>Inadequate</i>	13	34.2	801	17.4	1,535	12.3	1,291	8.5	890	6.9	447	7.3	119	8.5	8	9.5	0	0	5,104	9.6
<i>Intermediate</i>	7	18.4	698	15.2	1,695	13.5	1,748	11.5	1,492	11.5	675	11.1	123	8.8	9	10.7	0	0	6,447	12.2
<i>Adequate</i>	10	26.3	1,780	38.8	5,302	42.3	6,670	43.8	5,905	45.7	2,589	42.5	570	40.7	32	38.1	0	0	22,858	43.2
<i>Adequate Plus</i>	8	21.1	1,301	28.3	3,938	31.4	5,473	35.9	4,624	35.7	2,366	38.8	583	41.6	35	41.7	1	50	18,329	34.7
<i>Information Missing</i>	0	0	11	0.2	57	0.5	43	0.3	24	0.2	14	0.2	5	0.4	0	0	1	50	155	0.3
Total	38		4,591		12,527		15,225		12,935		6,091		1,400		84		2		52,893	

Table 3.19 Birthweight of Infant & 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+		Unk.			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<i><1500 Grams</i>	2	5.3	59	1.3	142	1.1	172	1.1	152	1.1	81	1.3	28	1.9	1	1.1	0	0	637	1.2
<i>1500-2499 Grams</i>	2	5.3	302	6.5	721	5.7	765	4.9	750	5.6	423	6.6	117	7.9	14	15.2	0	0	3,094	5.7
<i>2500-4249 Grams</i>	34	89.5	4,229	90.8	11,565	90.7	14,180	90.6	11,954	89.1	5,604	87.8	1,291	86.9	75	81.5	1	50	48,933	89.8
<i>>4249 Grams</i>	0	0	70	1.5	325	2.5	533	3.4	552	4.1	277	4.3	50	3.4	2	2.2	0	0	1,809	3.3
<i>Unknown</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	50	2	0
Total	38		4,660		12,753		15,650		13,409		6,385		1,486		92		2		54,475	

Maricopa County 2012 Natality (Birth) Statistics

Table 3.20 Preterm Births (Less Than 37 Weeks Gestation) & 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+		Unk.			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Less than 34 Weeks	3	7.9	131	2.8	311	2.4	344	2.2	339	2.5	190	3	63	4.2	6	6.5	0	0	1,387	2.5
Late Preterm (34-36 Weeks)	1	2.6	318	6.8	821	6.4	987	6.3	918	6.8	540	8.5	124	8.3	14	15.2	0	0	3,723	6.8
37 Weeks or More	34	89.5	4,211	90.4	11,621	91.1	14,319	91.5	12,151	90.6	5,655	88.6	1,299	87.4	72	78.3	1	50	49,363	90.6
Unknown	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	50	2	0
Total	38		4,660		12,753		15,650		13,409		6,385		1,486		92		2		54,475	

Table 3.21 Number and Percent of Births by Medical Risk Factor & 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+		Unk.			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
No Medical Risk Present	20	52.6	3,054	65.5	8,686	68.1	10,631	67.9	9,073	67.7	3,805	59.6	771	51.9	54	58.7	1	50	36,095	66.3
Medical Risk Present	18	47.4	1,606	34.5	4,067	31.9	5,019	32.1	4,336	32.3	2,580	40.4	715	48.1	38	41.3	1	50	18,380	33.7
Total	38		4,660		12,753		15,650		13,409		6,385		1,486		92		2		54,475	

Maricopa County 2012 Natality (Birth) Statistics

Table 3.22 Number and Percent of Births by Birth Attendee & 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+		Unk.			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Other	0	0	4	0.1	12	0.1	30	0.2	45	0.3	18	0.3	4	0.3	0	0	1	50	114	0.2
M.D.	31	81.6	3,939	84.5	10,658	83.6	12,954	82.8	11,200	83.5	5,462	85.5	1,292	86.9	83	90.2	1	50	45,620	83.7
Certified Nurse Midwife	4	10.5	228	4.9	520	4.1	627	4	481	3.6	147	2.3	31	2.1	1	1.1	0	0	2,039	3.7
Midwife	0	0	6	0.1	60	0.5	175	1.1	159	1.2	84	1.3	11	0.7	1	1.1	0	0	496	0.9
D.O.	3	7.9	483	10.4	1,503	11.8	1,864	11.9	1,524	11.4	674	10.6	148	10	7	7.6	0	0	6,206	11.4
Total	38		4,660		12,753		15,650		13,409		6,385		1,486		92		2		54,475	

Table 3.23 Number and Percent of Births by Type of Delivery & 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+		Unk.			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Vaginal	35	92.1	3,852	82.7	9,727	76.3	11,427	73	9,150	68.2	3,938	61.7	859	57.8	45	48.9	2	100	39,035	71.7
Primary C-Section	3	7.9	667	14.3	1,779	13.9	2,240	14.3	1,995	14.9	1,091	17.1	304	20.5	26	28.3	0	0	8,105	14.9
Repeat C-Section	0	0	141	3	1,247	9.8	1,983	12.7	2,264	16.9	1,356	21.2	323	21.7	21	22.8	0	0	7,335	13.5
Total	38		4,660		12,753		15,650		13,409		6,385		1,486		92		2		54,475	

Maricopa County 2012 Natality (Birth) Statistics

Table 3.24 Comparisons for Selected Natality Measures

		Maricopa County 2012		Arizona 2012	U.S. 2011 ¹	Healthy People 2020 Goal ⁴
		Number of Individuals	Rate or Percent			
Unlinked Infant Mortality – Rate per 1,000 live births	Neo-natal	218	4.0	3.9	4.0	4.1
	Post-natal	105	1.9	1.9	2.0	2.0
	Total	323	5.9	5.8	6.1	6.0
Low birthweight births (< 2500g) – Percent of live births		3,731	6.9%	6.9%	8.0%	7.8%
Births to teen mothers – Percent of live births	10-14 Years Old	38	0.07%	0.08%	0.1%	-
	15-17 Years Old	1,445	2.7%	2.8%	2.1%	-
	15-19 Years Old	4,660	8.6%	9.4%	7.7%	-
	Total 10-19 Years Old	4,698	8.6%	9.5%	7.8%	-
Maternal Mortality ² – Rate per 100,000 live births		13	23.9	-	<i>Not Available</i> ³	11.4
Pregnancy-related ² Mortality – Rate per 100,000 live births		14	25.7	-	-	-

1. Infant Mortality data are from Preliminary 2011 U.S. data. Birth data was from National Vital Statistical Reports Birth: Final Data for 2012.
2. Count was suppressed in State report. See Technical Note for explanation of difference between Maternal Mortality and Pregnancy-related Mortality.
3. This was due to changes in the death certificates nationwide.
4. Data not available for “-“

IV. Maricopa County 2012 Communicable Disease Statistics

Maricopa County 2012 Communicable Disease Statistics

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

Disease		Race/Ethnicity						Total
		White	Hispanic	African American	American Indian	Asian	Unknown	
Vaccine Preventable	<i>H. influenzae</i> Type B ²	0	1	0	0	0	0	1
	Mumps	3	0	0	0	0	0	3
	Pertussis	469	227	13	23	12	123	867
Central Nervous System	Aseptic Meningitis, Viral	242	92	20	3	6	23	386
	Encephalitis Viral	1	0	0	0	0	0	1
	Meningococcal Invasive Disease	2	0	1	0	0	0	3
Enterics	Amebiasis	1	1	1	0	0	2	5
	Botulism, Infant ³	1	0	0	0	0	0	1
	Campylobacteriosis	150	85	12	11	3	265	526
	Cryptosporidiosis	17	0	1	1	2	16	37
	<i>E. coli</i> O157:H7	43	10	3	2	2	30	90
	Giardiasis	27	4	3	0	0	25	59
	Listeriosis	5	1	0	0	0	1	7
	Norovirus ⁴	3	0	0	0	0	110	113
	Salmonellosis	147	79	14	23	8	159	430
	Shigellosis	42	103	3	3	2	58	211
Typhoid Fever	0	1	1	0	2	1	5	
Mycosis	Coccidioidomycosis ⁵	1,337	271	138	61	45	8,296	10,148
Zoonoses/ Vectorborne	Brucellosis	0	3	0	0	0	1	4
	Dengue	1	2	0	0	1	3	7
	Lyme Disease	2	0	0	0	0	1	3
	Malaria	0	0	12	0	1	2	15
	West Nile Virus	61	9	0	1	2	17	90
Hepatitides	Hepatitis A	23	8	1	0	1	10	43
	Hepatitis B (Acute)	19	3	0	3	1	49	75
Other	Legionellosis	21	6	1	0	1	0	29
	MRSA, Invasive	46	15	6	5	1	653	726
	RSV ⁴	148	97	13	40	5	1,619	1,922
	Streptococcal Group A, Invasive	47	11	4	5	2	43	112
	Streptococcal Group B ⁶ , Invasive	14	14	4	1	1	4	38
	<i>Streptococcus pneumoniae</i> , Invasive	166	57	25	15	5	119	387
	Toxic Shock Syndrome	1	0	0	0	0	0	1
	<i>Vibrio</i> Infection	3	2	0	0	0	12	17
	Yersiniosis	5	0	0	0	0	3	8
	Hansen's Disease ⁴	0	0	0	0	0	0	0
Tuberculosis ⁴	9	51	20	5	23	0	108	
Sexually Transmitted Diseases	Genital Herpes ⁴	329	215	122	82	9	324	1,081
	Gonorrhea ⁴	1,354	1,351	1,051	201	53	354	4,364
	Syphilis- Primary & Secondary ^{4,7}	81	53	3	7	6	12	162
	Syphilis- All Others ^{4,7}	115	215	78	28	6	15	457
	Chlamydia ⁴	7,166	7,207	2,426	957	205	1,171	19,132
	HIV ⁴	147	79	133	10	21	5	395
AIDS ⁴	101	40	62	5	7	0	215	
All Others		157	73	25	14	9	119	397
Total		12,534	10,398	4200	1506	442	13,666	42,746

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

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

³Botulism, Infant cases occur among children aged less than 1 year.

⁴Confirmed cases only.

⁵Race/Ethnicity data is commonly not provided with Coccidioidomycosis reports.

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 2012 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	Unknown	
Vaccine Preventable	<i>H. influenzae</i> Type B ²	0.0	0.1	0.0	0.0	0.0	0.0	0.0
	Mumps	0.1	0.0	0.0	0.0	0.0	0.0	0.1
	Pertussis	20.5	19.2	6.8	36.6	8.0	165.8	22.0
Central Nervous System	Aseptic Meningitis, Viral	10.6	7.8	10.5	4.8	4.0	31.0	9.8
	Encephalitis Viral	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Meningococcal Invasive Disease	0.1	0.0	0.5	0.0	0.0	0.0	0.1
Enterics	Amebiasis	0.0	0.1	0.5	0.0	0.0	2.7	0.1
	Botulism, Infant ³	0.9	0.0	0.0	0.0	0.0	0.0	0.4
	Campylobacteriosis	6.6	7.2	6.3	17.5	2.0	357.3	13.3
	Cryptosporidiosis	0.7	0.0	0.5	1.6	1.3	21.6	0.9
	<i>E. coli</i> O157:H7	1.9	0.8	1.6	3.2	1.3	40.4	2.3
	Giardiasis	1.2	0.3	1.6	0.0	0.0	33.7	1.5
	Listeriosis	0.2	0.1	0.0	0.0	0.0	1.3	0.2
	Norovirus ⁴	0.1	0.0	0.0	0.0	0.0	148.3	2.9
	Salmonellosis	6.4	6.7	7.4	36.6	5.3	214.4	10.9
	Shigellosis	1.8	8.7	1.6	4.8	1.3	78.2	5.4
Typhoid Fever	0.0	0.1	0.5	0.0	1.3	1.3	0.1	
Mycosis	Coccidioidomycosis ⁵	58.6	22.9	72.5	97.0	29.9	11,185.0	257.4
Zoonoses/ Vectorborne	Brucellosis	0.0	0.3	0.0	0.0	0.0	1.3	0.1
	Dengue	0.0	0.2	0.0	0.0	0.7	4.0	0.2
	Lyme Disease	0.1	0.0	0.0	0.0	0.0	1.3	0.1
	Malaria	0.0	0.0	6.3	0.0	0.7	2.7	0.4
	West Nile Virus	2.7	0.8	0.0	1.6	1.3	22.9	2.3
Hepatitides	Hepatitis A	1.0	0.7	0.5	0.0	0.7	13.5	1.1
	Hepatitis B (Acute)	0.8	0.3	0.0	4.8	0.7	66.1	1.9
Other	Legionellosis	0.9	0.5	0.5	0.0	0.7	0.0	0.7
	MRSA, Invasive	2.0	1.3	3.2	8.0	0.7	880.4	18.4
	RSV ⁴	6.5	8.2	6.8	63.6	3.3	2,182.8	48.8
	Streptococcal Group A Invasive	2.1	0.9	2.1	8.0	1.3	58.0	2.8
	Streptococcal Group B ⁶ Invasive	0.6	0.6	1.1	0.6	0.4	23.0	0.7
	<i>Streptococcus pneumoniae</i> , Invasive	7.3	4.8	13.1	23.9	3.3	160.4	9.8
	Toxic Shock Syndrome	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<i>Vibrio</i> Infection	0.1	0.2	0.0	0.0	0.0	16.2	0.4
	Yersiniosis	0.2	0.0	0.0	0.0	0.0	4.0	0.2
Hansen's Disease ⁴	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Tuberculosis ⁴	0.4	4.3	10.5	8.0	15.3	0.0	2.7	
Sexually Transmitted Diseases	Genital Herpes ⁴	14.4	18.2	64.1	130.4	6.0	436.8	27.4
	Gonorrhea ⁴	59.3	114.3	552.3	319.7	35.3	477.3	110.7
	Syphilis- Primary & Secondary ^{4,7}	3.5	4.5	1.6	11.1	4.0	16.2	4.1
	Syphilis- All Others ^{4,7}	5.0	18.2	41.0	44.5	4.0	20.2	11.6
	Chlamydia ⁴	313.9	609.7	1,274.9	1,522.4	136.4	1,578.8	485.3
	HIV ⁴	6.4	6.7	69.9	15.9	14.0	6.7	10.0
AIDS ⁴	4.4	3.4	32.6	8.0	4.7	0.0	5.5	
All Others		6.9	6.2	13.1	22.3	6.0	160.4	10.1
Total		549.1	879.7	2,207.2	2,395.7	294.1	18,425.0	1,084.3

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

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

³Rates for Botulism, Infant among children aged less than 1 year are per 100,000 residents in age group '0-4' by race of child.

⁴Confirmed cases only

⁵Race/Ethnicity data is commonly not provided with Coccidioidomycosis reports.

⁶Rates for Streptococcal Group B Invasive in infants <90 days are per 1,000 live births by race of the mother.

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

Maricopa County 2012 Communicable Disease Statistics

Table 4.02a Number of Cases of Selected Reportable Diseases¹ by Age Group

Disease		Age Group													Total
		<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-84	85+	Unk	
Vaccine Preventable	<i>H. influenzae</i> Type B ²	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	Mumps	0	0	1	2	0	0	0	0	0	0	0	0	0	3
	Pertussis	139	85	114	135	67	29	62	74	78	45	32	2	5	867
Central Nervous System	Aseptic Meningitis, Viral	32	8	6	11	21	35	86	47	44	41	48	6	1	386
	Encephalitis Viral	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	Meningococcal Invasive Disease	0	0	0	0	1	1	0	1	0	0	0	0	0	3
Enterics	Amebiasis	0	0	1	0	0	0	0	3	0	1	0	0	0	5
	Botulism, Infant ³	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	Campylobacteriosis	22	65	44	20	29	36	55	57	60	57	68	6	7	526
	Cryptosporidiosis	0	4	2	0	0	3	5	2	8	6	6	0	1	37
	<i>E. coli</i> O157:H7	4	26	16	9	4	2	7	6	3	4	8	1	0	90
	Giardiasis	1	10	7	1	0	3	7	9	9	7	4	0	1	59
	Listeriosis	2	0	0	0	1	0	2	0	0	0	1	0	1	7
	Norovirus ⁴	0	4	4	1	4	0	6	8	13	11	33	29	0	113
	Salmonellosis	49	62	27	27	31	19	38	43	46	32	50	5	1	430
	Shigellosis	3	47	64	15	9	11	10	18	12	12	8	1	1	211
Typhoid Fever	0	2	0	0	0	0	2	0	1	0	0	0	0	5	
Mycosis	Coccidioidomycosis ⁵	9	29	128	253	523	558	1,511	1,803	1,763	1,469	1,819	242	41	10,148
Zoonoses/ Vectorborne	Brucellosis	0	0	0	0	0	0	0	1	0	0	3	0	0	4
	Dengue	0	0	0	1	1	0	0	1	4	0	0	0	0	7
	Lyme Disease	0	0	1	0	1	0	0	0	0	1	0	0	0	3
	Malaria	0	2	2	0	1	3	1	0	0	5	1	0	0	15
	West Nile Virus	0	0	1	1	2	0	12	15	16	21	21	1	0	90
Hepatitides	Hepatitis A	0	1	0	0	2	10	4	8	4	8	6	0	0	43
	Hepatitis B (Acute)	0	0	0	0	0	3	6	17	19	17	11	2	0	75
Other	Legionellosis	0	0	0	0	0	0	2	1	5	10	10	1	0	29
	MRSA, Invasive	2	5	2	3	3	16	39	63	102	150	280	57	4	726
	RSV ⁴	1,179	454	35	9	4	2	6	6	10	10	20	7	180	1,922
	Streptococcal Group A Invasive	2	4	4	2	2	5	11	11	15	17	30	4	5	112
	Streptococcal Group B ⁶ Invasive	38	-	-	-	-	-	-	-	-	-	-	-	-	38
	<i>Streptococcus pneumoniae</i> , Invasive	14	18	11	7	2	10	18	32	62	89	104	19	1	387
	Toxic Shock Syndrome	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	<i>Vibrio</i> Infection	0	0	1	0	0	1	2	6	2	3	2	0	0	17
	Yersiniosis	0	1	0	0	0	0	1	1	3	1	0	1	0	8
Hansen's Disease ⁴	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Tuberculosis ⁴	0	3	1	2	6	13	22	19	14	8	17	3	0	108	
Sexually Transmitted Diseases	Genital Herpes ⁴	4	0	1	2	71	168	357	213	155	75	35	0	0	1081
	Gonorrhea ⁴	0	0	2	17	917	1,422	1,294	461	196	47	8	0	0	4364
	Syphilis- Primary & Secondary ^{4,7}	0	0	0	0	11	34	48	29	31	8	1	0	0	162
	Syphilis- All Others ^{4,7}	10	0	0	0	14	81	118	111	90	23	10	0	0	457
	Chlamydia ⁴	6	0	0	133	5,226	7,317	4,717	1,270	359	81	23	0	0	19132
	HIV ⁴	0	3	3	2	13	85	130	84	56	16	3	0	0	395
AIDS ⁴	0	0	0	0	1	17	52	59	59	24	3	0	0	215	
All Others		21	39	134	95	15	3	17	9	12	10	18	3	21	397
Total		1,548	877	615	750	6,984	9,888	8,651	4,493	3,256	2,316	2,697	398	273	42,746

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

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

³Botulism, Infant cases occur among children aged less than 1 year.

⁴Confirmed cases only

⁵Race/Ethnicity data is commonly not provided with Coccidioidomycosis reports.

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 2012 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+		Unk.
Vaccine Preventable	<i>H. Influenzae</i> Type B ²	0.4	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Mumps	0.0	0.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Pertussis	81.7	39.7	47.6	24.7	10.2	11.1	13.9	15.2	10.5	11.0	1.3	7.7	22.0
Central Nervous System	Aseptic Meningitis, Viral	14.6	2.1	3.9	7.7	12.3	15.4	8.8	8.6	9.6	16.5	3.8	1.5	9.8
	Encephalitis Viral	0.0	0.0	0.0	0.4	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	0.4	0.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1
Enterics	Amebiasis	0.0	0.3	0.0	0.0	0.0	0.0	0.6	0.0	0.2	0.0	0.0	0.0	0.1
	Botulism, Infant ³	0.4	-	-	-	-	-	-	-	-	-	-	-	0.4
	Campylobacteriosis	31.7	15.3	7.1	10.7	12.6	9.9	10.7	11.7	13.4	23.4	3.8	10.8	13.3
	Cryptosporidiosis	1.5	0.7	0.0	0.0	1.1	0.9	0.4	1.6	1.4	2.1	0.0	1.5	0.9
	<i>E. coli</i> O157:H7	10.9	5.6	3.2	1.5	0.7	1.3	1.1	0.6	0.9	2.8	0.6	0.0	2.3
	Giardiasis	4.0	2.4	0.4	0.0	1.1	1.3	1.7	1.8	1.6	1.4	0.0	1.5	1.5
	Listeriosis	0.7	0.0	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.3	0.0	1.5	0.2
	Norovirus ⁴	1.5	1.4	0.4	1.5	0.0	1.1	1.5	2.5	2.6	11.4	18.5	0.0	2.9
	Salmonellosis	40.5	9.4	9.5	11.4	6.7	6.8	8.1	9.0	7.5	17.2	3.2	1.5	10.9
	Shigellosis	18.2	22.3	5.3	3.3	3.9	1.8	3.4	2.3	2.8	2.8	0.6	1.5	5.4
Typhoid Fever	0.7	0.0	0.0	0.0	0.0	0.4	0.0	0.2	0.0	0.0	0.0	0.0	0.1	
Mycosis	Coccidioidomycosis ⁵	13.9	44.6	89.3	192.8	195.7	271.2	338.9	343.3	344.4	626.9	154.3	63.3	257.4
Zoonoses/ Vectorborne	Brucellosis	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	1.0	0.0	0.0	0.1
	Dengue	0.0	0.0	0.4	0.4	0.0	0.0	0.2	0.8	0.0	0.0	0.0	0.0	0.2
	Lyme Disease	0.0	0.3	0.0	0.4	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.1
	Malaria	0.7	0.7	0.0	0.4	1.1	0.2	0.0	0.0	1.2	0.3	0.0	0.0	0.4
	West Nile Virus	0.0	0.3	0.4	0.7	0.0	2.2	2.8	3.1	4.9	7.2	0.6	0.0	2.3
Hepatitides	Hepatitis A	0.4	0.0	0.0	0.7	3.5	0.7	1.5	0.8	1.9	2.1	0.0	0.0	1.1
	Hepatitis B (Acute)	0.0	0.0	0.0	0.0	1.1	1.1	3.2	3.7	4.0	3.8	1.3	0.0	1.9
Other	Legionellosis	0.0	0.0	0.0	0.0	0.0	0.4	0.2	1.0	2.3	3.4	0.6	0.0	0.7
	MRSA, Invasive	2.6	0.7	1.1	1.1	5.6	7.0	11.8	19.9	35.2	96.5	36.3	6.2	18.4
	RSV ⁴	595.6	12.2	3.2	1.5	0.7	1.1	1.1	1.9	2.3	6.9	4.5	277.7	48.8
	Streptococcal Group A Invasive	2.2	1.4	0.7	0.7	1.8	2.0	2.1	2.9	4.0	10.3	2.6	7.7	2.8
	Streptococcal Group B ⁶ Invasive	0.7	-	-	-	-	-	-	-	-	-	-	-	0.7
	<i>Streptococcus pneumoniae</i> , Invasive	11.7	3.8	2.5	0.7	3.5	3.2	6.0	12.1	20.9	35.8	12.1	1.5	9.8
	Toxic Shock Syndrome	0.0	0.0	0.4	0.0	0.0	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	0.4	0.4	1.1	0.4	0.7	0.7	0.0	0.0	0.4
	Yersiniosis	0.4	0.0	0.0	0.0	0.0	0.2	0.2	0.6	0.2	0.0	0.6	0.0	0.2
Hansen's Disease ⁴	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Tuberculosis ⁴	1.1	0.3	0.7	2.2	4.6	3.9	3.6	2.7	1.9	5.9	1.9	0.0	2.7	
Sexually Transmitted Diseases	Genital Herpes ⁴	1.5	0.3	0.7	26.2	58.9	64.1	40.0	30.2	17.6	12.1	0.0	0.0	27.4
	Gonorrhea ⁴	0.0	0.7	6.0	338.0	498.7	232.2	86.7	38.2	11.0	2.8	0.0	0.0	110.7
	Syphilis- Primary & Secondary ^{4,7}	0.0	0.0	0.0	4.1	11.9	8.6	5.5	6.0	1.9	0.3	0.0	0.0	4.1
	Syphilis-All Others ^{4,7}	3.6	0.0	0.0	5.2	28.4	21.2	20.9	17.5	5.4	3.4	0.0	0.0	11.6
	Chlamydia ⁴	2.2	0.0	46.9	1926.3	2566.0	846.5	238.7	69.9	19.0	7.9	0.0	0.0	485.3
	HIV ⁴	1.1	1.0	0.7	4.8	29.8	23.3	15.8	10.9	3.8	1.0	0.0	0.0	10.0
AIDS ⁴	0.0	0.0	0.0	0.4	6.0	9.3	11.1	11.5	5.6	1.0	0.0	0.0	5.5	
All Others		21.9	46.7	33.5	5.5	1.1	3.1	1.7	2.3	2.3	6.2	1.9	32.4	10.1
Total		884.5	214.3	264.6	2574.3	3467.6	1552.5	844.6	634.1	542.9	929.5	253.8	421.2	1,084.3

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

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

³Rates for Botulism, Infant among children aged less than 1 year are per 100,000 residents in age group '0-4.'

⁴Confirmed cases only

⁵Race/Ethnicity data is commonly not provided with Coccidioidomycosis reports.

⁶Rates for Streptococcal Group B Invasive in infants <90 days are per 1,000 live births.

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

Maricopa County 2012 Communicable Disease Statistics

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

Disease		Gender			Total
		MALE	FEMALE	UNKNOWN	
Vaccine Preventable	<i>H. Influenzae</i> Type B ²	0	1	0	1
	Mumps	1	2	0	3
	Pertussis	394	471	2	867
Central Nervous System	Aseptic Meningitis, Viral	171	215	0	386
	Encephalitis Viral	1	0	0	1
	Meningococcal Invasive Disease	1	2	0	3
Enterics	Amebiasis	3	2	0	5
	Botulism, Infant ³	0	1	0	1
	Campylobacteriosis	275	250	1	526
	Cryptosporidiosis	23	14	0	37
	<i>E. coli</i> O157:H7	42	46	2	90
	Giardiasis	34	25	0	59
	Listeriosis	3	4	0	7
	Norovirus ⁴	45	68	0	113
	Salmonellosis	197	232	1	430
	Shigellosis	105	106	0	211
Mycosis	Typhoid Fever	5	0	0	5
	Coccidioidomycosis ⁵	4,135	5,951	62	10,148
Zoonoses/ Vectorborne	Brucellosis	1	3	0	4
	Dengue	4	3	0	7
	Lyme Disease	1	2	0	3
	Malaria	6	9	0	15
	West Nile Virus	56	34	0	90
Hepatitides	Hepatitis A	20	22	1	43
	Hepatitis B (Acute)	49	26	0	75
Other	Legionellosis	21	8	0	29
	MRSA, Invasive	416	295	15	726
	RSV ⁴	776	636	510	1,922
	Streptococcal Group A Invasive	58	53	1	112
	Streptococcal Group B ⁶ Invasive	20	18	0	38
	<i>Streptococcus pneumoniae</i> , Invasive	204	176	7	387
	Toxic Shock Syndrome	0	1	0	1
	<i>Vibrio</i> Infection	13	4	0	17
	Yersiniosis	3	5	0	8
	Hansen's Disease ⁴	0	0	0	0
Tuberculosis ⁴	64	44	0	108	
Sexually Transmitted Diseases	Genital Herpes ⁴	339	742	0	1081
	Gonorrhea ⁴	2332	2032	0	4364
	Syphilis- Primary & Secondary ^{4,7}	150	12	0	162
	Syphilis- All Others ^{4,7}	370	87	0	457
	Chlamydia ⁴	5627	13505	0	19132
	HIV ⁴	335	60	0	395
	AIDS ⁴	192	23	0	215
All Others	191	184	22	397	
Total	16,716	25,406	624	42,746	

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

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

³Botulism, Infant cases occur among children aged less than 1 year.

⁴Confirmed cases only

⁵Race/Ethnicity data is commonly not provided with Coccidioidomycosis reports

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

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

Maricopa County 2012 Communicable Disease Statistics

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

Disease		Gender			Total
		MALE	FEMALE	UNKNOWN	
Vaccine Preventable	<i>H. Influenzae</i> Type B ²	0.0	0.1	-	0.0
	Mumps	0.1	0.1	-	0.1
	Pertussis	20.2	23.6	-	22.0
Central Nervous System	Aseptic Meningitis, Viral	8.8	10.8	-	9.8
	Encephalitis Viral	0.1	0.0	-	0.0
	Meningococcal Invasive Disease	0.1	0.1	-	0.1
Enterics	Amebiasis	0.2	0.1	-	0.1
	Botulism, Infant ³	0.0	0.7	-	0.4
	Campylobacteriosis	14.1	12.6	-	13.3
	Cryptosporidiosis	1.2	0.7	-	0.9
	<i>E. coli</i> O157:H7	2.2	2.3	-	2.3
	Giardiasis	1.7	1.3	-	1.5
	Listeriosis	0.2	0.2	-	0.2
	Norovirus ⁴	2.3	3.4	-	2.9
	Salmonellosis	10.1	11.6	-	10.9
	Shigellosis	5.4	5.3	-	5.4
	Typhoid Fever	0.3	0.0	-	0.1
Mycosis	Coccidioidomycosis ⁵	212.0	298.7	-	257.4
Zoonoses/ Vectorborne	Brucellosis	0.1	0.2	-	0.1
	Dengue	0.2	0.2	-	0.2
	Lyme Disease	0.1	0.1	-	0.1
	Malaria	0.3	0.5	-	0.4
	West Nile Virus	2.9	1.7	-	2.3
Hepatitides	Hepatitis A	1.0	1.1	-	1.1
	Hepatitis B (Acute)	2.5	1.3	-	1.9
Other	Legionellosis	1.1	0.4	-	0.7
	MRSA, Invasive	21.3	14.8	-	18.4
	RSV ⁴	39.8	31.9	-	48.8
	Streptococcal Group A Invasive	3.0	2.7	-	2.8
	Streptococcal Group B ⁶ Invasive	0.7	0.7	-	0.7
	<i>Streptococcus pneumoniae</i> , Invasive	10.5	8.8	-	9.8
	Toxic Shock Syndrome	0.0	0.1	-	0.0
	<i>Vibrio</i> Infection	0.7	0.2	-	0.4
	Yersiniosis	0.2	0.3	-	0.2
	Hansen's Disease ⁴	0.0	0.0	-	0.0
Tuberculosis ⁴		3.3	2.2	-	2.7
Sexually Transmitted Diseases	Genital Herpes ⁴	17.4	37.2	-	27.4
	Gonorrhea ⁴	119.6	102.0	-	110.7
	Syphilis- Primary & Secondary ^{4,7}	7.7	0.6	-	4.1
	Syphilis- All Others ^{4,7}	19.0	4.4	-	11.6
	Chlamydia ⁴	288.5	678.0	-	485.3
	HIV ⁴	17.2	3.0	-	10.0
	AIDS ⁴	9.8	1.2	-	5.5
All Others		9.8	9.2	-	10.1
Total		857.1	1,275.4	-	1,084.3

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

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

³Rates for Botulism, Infant among children aged less than 1 year are per 100,000 residents in age group '0-4.'

⁴Confirmed cases only

⁵Race/Ethnicity data is commonly not provided with Coccidioidomycosis reports

⁶Rates for Streptococcal Group B Invasive in infants <90 days are per 1,000 live births.

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

Maricopa County 2012 Communicable Disease Statistics

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

Disease	2012 Maricopa County		Crude Case Rate (Cases per 100,000 Residents)		
	Number of cases	Crude Case Rate (Cases per 100,000 Residents)	Arizona 2012	U.S. 2011	Healthy People 2020 Goal
Salmonellosis	430	10.9	13.2	16.79	11.4
AIDS ²	215	5.5	2.68	-	-
HIV ²	395	10.0	6.22	11.32	-
Tuberculosis ²	108	2.7	2.9	3.41	1
Hepatitis B (Acute)	75	1.9	1.6	0.94	-
Hepatitis A	43	1.1	1.4	0.45	-
Syphilis- Primary and Secondary ^{2,3}	162	4.1	3.1	4.52	-
Pertussis	867	22.0	17.4	6.06	-
Rubella	0	0	0	0	0
Mumps	3	0.1	0	0.13	0
Measles	0	0	0	0.06	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

V. Maricopa County 2012 Hospital Discharge Statistics

Maricopa County 2012 Hospital Discharge Statistics

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

Age Group	Race/Ethnicity						Total
	White	Hispanic	Black	American Indian	Asian, Native Hawaiian, or Pac. Islander	Other/Unknown	
0-4	5,640	5,921	1,144	583	273	315	13,876
5-9	1,939	1,895	421	156	72	109	4,592
10-14	2,234	1,598	373	103	46	83	4,437
15-19	3,550	2,182	567	144	101	97	6,641
20-24	5,119	2,713	963	290	153	173	9,411
25-34	12,703	5,778	2,295	791	371	284	22,222
35-44	18,511	7,360	2,829	951	555	352	30,558
45-54	30,985	8,554	3,868	1,134	668	467	45,676
55-64	40,677	8,034	3,648	893	801	558	54,611
65-74	46,745	6,290	2,227	430	809	501	57,002
75-84	40,967	4,231	1,538	246	656	400	48,038
85+	24,624	1,597	500	75	265	167	27,228
Total	233,694	56,154*	20,373	5,796	4,770	3,506	324,293

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

*Includes one discharge with unknown age

Table 5.02 Number of Hospital Discharges by Age Group and Sex

Age Group	Number of Discharges by Gender			Total
	Male	Female	Unknown	
0-4	7,742	6,132	2	13,876
5-9	2,651	1,941	0	4,592
10-14	2,303	2,134	0	4,437
15-19	3,326	3,315	0	6,641
20-24	4,828	4,583	0	9,411
25-34	10,756	11,466	0	22,222
35-44	14,358	16,199	1	30,558
45-54	22,462	23,214	0	45,676
55-64	27,438	27,173	0	54,611
65-74	28,150	28,852	0	57,002
75-84	21,889	26,149	0	48,038
85+	10,266	16,962	0	27,228
Total	156,169	168,121*	3	324,293

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

*Includes one discharge with unknown age

Maricopa County 2012 Hospital Discharge Statistics

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

Payer Group	Gender						Total	
	Male		Female		Unknown			
	No.	%	No.	%	No.	%	No.	%
Medicare	69,766	44.7	82,763	49.2	-	0	152,529	47.0
Private Insurance	41,120	26.3	43,657	26	-	0	84,777	26.1
AHCCCS	24,707	15.8	28,305	16.8	2	66.7	53,014	16.3
Self Pay	14,893	9.5	9,655	5.7	1	33.3	24,549	7.6
Other	5,683	3.6	3,741	2.2	-	0	9,424	2.9
Total	156,169	100	168,121	100	3	100	324,293	100.0

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

Maricopa County 2012 Hospital Discharge Statistics

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

Primary Diagnosis		Race/Ethnicity						Total
		White	Hispanic	Black	American Indian	Asian, Native Hawaiian, or Pac. Islander	Other/Unknown	
Infectious and parasitic diseases	Other Infectious and parasitic diseases	4,780	1,641	528	181	137	88	7,355
	Septicemia	10,888	3,143	825	334	247	174	15,611
	All	15,668	4,784	1,353	515	384	262	22,966
Neoplasms	Neoplasms - Other	513	90	17	6	12	4	642
	Neoplasms - Other Malignant	6,286	1,102	352	79	189	133	8,141
	Malignant Neoplasm of large intestine & rectum	1,106	171	41	7	22	12	1,359
	Malignant neoplasm of trachea, bronchus & lung	1,108	92	71	5	34	16	1,326
	Malignant neoplasm of breast	500	74	38	3	14	8	637
	Neoplasms - Benign	1,748	539	300	18	79	45	2,729
	All	11,261	2,068	819	118	350	218	14,834
Endocrine, nutritional and metabolic diseases, and immunity disorders	Other Endocrine, nutritional and metabolic diseases, and immunity disorders	5,201	1,453	637	188	131	64	7,674
	Diabetes mellitus	3,751	1,786	684	234	65	42	6,562
	Volume depletion (dehydration)	174	39	3	1	0	5	222
	All	9,126	3,278	1,324	423	196	111	14,458
Diseases of the blood and blood-forming organs		2,678	851	853	59	94	69	4,604
Mental disorders	Other Mental disorders	1,520	316	139	59	21	32	2,087
	Psychoses	6,952	1,323	734	187	118	175	9,489
	Alcohol dependence syndrome	514	72	18	15	1	11	631
	All	8,986	1,711	891	261	140	218	12,207
Diseases of the nervous system and sense organs		6,827	1,964	682	189	125	99	9,886
Diseases of the circulatory system	Other Diseases of the circulatory system	6,968	1,411	921	142	120	70	9,632
	Heart disease	9,153	1,433	921	135	152	107	11,901
	Acute myocardial infarction	4,211	696	254	47	89	64	5,361
	Coronary atherosclerosis	3,882	516	168	43	76	55	4,740
	Other ischemic heart disease	225	31	19	1	4	2	282

(Continued)

Maricopa County 2012 Hospital Discharge Statistics

Table 5.04a continued

Primary Diagnosis		Race/Ethnicity						Total
		White	Hispanic	Black	American Indian	Asian, Native Hawaiian, or Pac. Islander	Other/Unknown	
	Cardiac dysrhythmias	8,047	762	348	85	124	62	9,428
	Congestive heart failure	764	157	70	10	20	13	1,034
	Cerebrovascular disease	7,897	1,210	574	98	216	123	10,118
	All	41,147	6,216	3,275	561	801	496	52,496
Diseases of the respiratory system	Other Diseases of the respiratory system	7,735	1,894	607	235	182	111	10,764
	Acute bronchitis and bronchiolitis	1,115	933	202	109	46	43	2,448
	Pneumonia	6,465	1,689	573	182	158	78	9,145
	Chronic bronchitis	4,359	384	256	16	38	12	5,065
	Asthma	2,292	1,265	712	115	65	68	4,517
	All	21,966	6,165	2,350	657	489	312	31,939
Diseases of the digestive system	Other Diseases of the digestive system	23,594	6,905	1,793	625	495	296	33,708
	Appendicitis	2,109	1,341	156	52	77	44	3,779
	Noninfectious enteritis and colitis	2,952	607	220	39	56	36	3,910
	Cholelithiasis	528	267	32	96	18	4	945
	All	29,183	9,120	2,201	812	646	380	42,342
Diseases of the genitourinary system	Other Diseases of the genitourinary system	12,307	3,679	1,109	292	264	164	17,815
	Calculus of kidney and ureter	2,004	494	79	23	37	39	2,676
	All	14,311	4,173	1,188	315	301	203	20,491
Diseases of the skin and subcutaneous tissue	Other Diseases of the skin and subcutaneous tissue	814	224	78	33	20	14	1,183
	Cellulitis and abscess	6,444	1,692	395	217	85	76	8,909
	All	7,258	1,916	473	250	105	90	10,092
Diseases of the musculoskeletal system and connective tissue	Other - Diseases of the musculoskeletal system and connective tissue	7,312	1,269	550	129	124	83	9,467
	Osteoarthritis and allied disorders	9,892	731	352	75	84	95	11,229
	Intervertebral disc disorders	2,278	301	117	18	42	32	2,788
	All	19,482	2,301	1,019	222	250	210	23,484
Congenital anomalies		945	514	90	46	16	46	1,657
Certain conditions originating in the perinatal period		857	787	173	65	53	61	1,996

(Continued)

Table 5.04a continued

Maricopa County 2012 Hospital Discharge Statistics

Primary Diagnosis		Race/Ethnicity					Total	
		White	Hispanic	Black	American Indian	Asian, Native Hawaiian, or Pac. Islander		Other/Unknown
Symptoms, signs, and ill-defined conditions		11,082	2,991	1,317	304	226	172	16,092
Injury and poisoning	Injury and poisoning	15,034	3,774	1,370	536	295	284	21,293
	Fractures, all sites	6,985	1,719	364	229	127	137	9,561
	Fracture of neck of femur	3,051	219	41	19	32	20	3,382
	Poisonings	3,489	724	274	117	47	58	4,709
	All	28,559	6,436	2,049	901	501	499	38,945
Other healthcare encounters	Other healthcare encounters	1,958	609	172	57	53	35	2,884
	Rehab Services	2,400	270	144	41	40	25	2,920
	All	4,358	879	316	98	93	60	5,804
Total		233,694	56,154	20,373	5,796	4,770	3,506	324,293

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

Maricopa County 2012 Hospital Discharge Statistics

**Table 5.04b Selected Primary Diagnosis Groups by Race/Ethnicity
Crude Hospitalization Rates per 100,000 Residents**

Primary Diagnosis		Race/Ethnicity						Total
		White	Hispanic	Black	American Indian	Asian, Native Hawaiian, or Pac. Islander	Other/Unknown*	
Infectious and parasitic diseases	Other Infectious and parasitic diseases	209.4	138.8	277.5	287.9	91.1	-	186.6
	Septicemia	477.0	265.9	433.5	531.3	164.3	-	396.0
	All	686.4	404.7	711.0	819.3	255.5	-	582.6
Neoplasms	Neoplasms - Other	22.5	7.6	8.9	9.5	8.0	-	16.3
	Neoplasms - Other Malignant	275.4	93.2	185.0	125.7	125.7	-	206.5
	Malignant Neoplasm of large intestine & rectum	48.5	14.5	21.5	11.1	14.6	-	34.5
	Malignant neoplasm of trachea, bronchus & lung	48.5	7.8	37.3	8.0	22.6	-	33.6
	Malignant neoplasm of breast	21.9	6.3	20.0	4.8	9.3	-	16.2
	Neoplasms - Benign	76.6	45.6	157.7	28.6	52.6	-	69.2
	All	493.4	175.0	430.4	187.7	232.9	-	376.3
Endocrine, nutritional and metabolic diseases, and immunity disorders	Other Endocrine, nutritional and metabolic diseases, and immunity disorders	227.9	122.9	334.8	299.1	87.2	-	194.7
	Diabetes mellitus	164.3	151.1	359.5	372.2	43.2	-	166.5
	Volume depletion (dehydration)	7.6	3.3	1.6	1.6	0.0	-	5.6
	All	399.8	277.3	695.8	672.9	130.4	-	366.8
Diseases of the blood and blood-forming organs		117.3	72.0	448.3	93.9	62.5	-	116.8
Mental disorders	Other Mental disorders	66.6	26.7	73.0	93.9	14.0	-	52.9
	Psychoses	304.6	111.9	385.7	297.5	78.5	-	240.7
	Alcohol dependence syndrome	22.5	6.1	9.5	23.9	0.7	-	16.0
	All	393.7	144.8	468.2	415.2	93.1	-	309.7
Diseases of the nervous system and sense organs		299.1	166.2	358.4	300.7	83.2	-	250.8
Diseases of the circulatory system	Other Diseases of the circulatory system	305.3	119.4	484.0	225.9	79.8	-	244.3
	Heart disease	401.0	121.2	484.0	214.8	101.1	-	301.9
	Acute myocardial infarction	184.5	58.9	133.5	74.8	59.2	-	136.0
	Coronary atherosclerosis	170.1	43.7	88.3	68.4	50.6	-	120.2
	Other ischemic heart disease	9.9	2.6	10.0	1.6	2.7	-	7.2
	Cardiac dysrhythmias	352.5	64.5	182.9	135.2	82.5	-	239.2

(Continued)

Maricopa County 2012 Hospital Discharge Statistics

(Table 5.04b continued)

Primary Diagnosis		Race/Ethnicity						
		White	Hispanic	Black	American Indian	Asian, Native Hawaiian, or Pac. Islander	Other/Unknown*	Total
	Congestive heart failure	33.5	13.3	36.8	15.9	13.3	-	26.2
	Cerebrovascular disease	346.0	102.4	301.6	155.9	143.7	-	256.7
	All	1,802.7	525.9	1,721.1	892.4	532.9	-	1,331.7
Diseases of the respiratory system	Other Diseases of the respiratory system	338.9	160.2	319.0	373.8	121.1	-	273.0
	Acute bronchitis and bronchiolitis	48.8	78.9	106.2	173.4	30.6	-	62.1
	Pneumonia	283.2	142.9	301.1	289.5	105.1	-	232.0
	Chronic bronchitis	191.0	32.5	134.5	25.5	25.3	-	128.5
	Asthma	100.4	107.0	374.2	182.9	43.2	-	114.6
	All	962.3	521.6	1,235.0	1,045.1	325.3	-	810.2
Diseases of the digestive system	Other Diseases of the digestive system	1,033.7	584.2	942.2	994.2	329.3	-	855.1
	Appendicitis	92.4	113.5	82.0	82.7	51.2	-	95.9
	Noninfectious enteritis and colitis	129.3	51.4	115.6	62.0	37.3	-	99.2
	Cholelithiasis	23.1	22.6	16.8	152.7	12.0	-	24.0
	All	1,278.5	771.6	1,156.7	1,291.7	429.8	-	1,074.1
Diseases of the genitourinary system	Other Diseases of the genitourinary system	539.2	311.3	582.8	464.5	175.6	-	451.9
	Calculus of kidney and ureter	87.8	41.8	41.5	36.6	24.6	-	67.9
	All	627.0	353.0	624.3	501.1	200.3	-	519.8
Diseases of the skin and subcutaneous tissue	Other Diseases of the skin and subcutaneous tissue	35.7	19.0	41.0	52.5	13.3	-	30.0
	Cellulitis and abscess	282.3	143.1	207.6	345.2	56.5	-	226.0
	All	318.0	162.1	248.6	397.7	69.9	-	256.0
Diseases of the musculoskeletal system and connective tissue	Other - Diseases of the musculoskeletal system and connective tissue	320.3	107.4	289.0	205.2	82.5	-	240.1
	Osteoarthritis and allied disorders	433.4	61.8	185.0	119.3	55.9	-	284.8
	Intervertebral disc disorders	99.8	25.5	61.5	28.6	27.9	-	70.7
	All	853.5	194.7	535.5	353.2	166.3	-	595.7
Congenital anomalies		41.4	43.5	47.3	73.2	10.6	-	42.0
Certain conditions originating in the perinatal period		37.5	66.6	90.9	103.4	35.3	-	50.6
Symptoms, signs, and ill-defined conditions		485.5	253.0	692.1	483.6	150.4	-	408.2

(Continued)

Maricopa County 2012 Hospital Discharge Statistics

(Table 5.04b continued)

Primary Diagnosis		Race/Ethnicity						Total
		White	Hispanic	Black	American Indian	Asian, Native Hawaiian, or Pac. Islander	Other/Unknown*	
Injury and poisoning	Injury and poisoning	658.7	319.3	720.0	852.7	196.3	-	540.1
	Fractures, all sites	306.0	145.4	191.3	364.3	84.5	-	242.5
	Fracture of neck of femur	133.7	18.5	21.5	30.2	21.3	-	85.8
	Poisonings	152.9	61.3	144.0	186.1	31.3	-	119.5
	All	1,251.2	544.5	1,076.8	1,433.3	333.3	-	987.9
Other healthcare encounters	Other healthcare encounters	85.8	51.5	90.4	90.7	35.3	-	73.2
	Rehab Services	105.1	22.8	75.7	65.2	26.6	-	74.1
	All	190.9	74.4	166.1	155.9	61.9	-	147.2
Total		10,238.3	4,750.8	10,706.3	9,220.2	3,173.4	-	8,226.3

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 2012 Hospital Discharge Statistics

**Table 5.05a Selected Primary Diagnosis Groups by Age Group
Number of Discharges**

Primary Diagnosis		Age Group												Un-known	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 and parasitic diseases	Other Infectious and parasitic diseases	614	149	142	221	302	680	759	1,133	1,165	910	818	462	-	7,355
	Septicemia	62	17	21	170	485	1,025	1,292	2,139	2,732	3,048	2,816	1,804	-	15,611
	All	676	166	163	391	787	1,705	2,051	3,272	3,897	3,958	3,634	2,266	-	22,966
Neoplasms	Neoplasms - Other	3	6	10	15	8	27	50	99	98	148	127	51	-	642
	Neoplasms - Other Malignant	85	46	62	85	108	289	534	1,172	2,073	2,145	1,135	407	-	8,141
	Malignant Neoplasm of large intestine & rectum	-	-	-	-	5	18	70	206	247	377	292	144	-	1,359
	Malignant neoplasm of trachea, bronchus & lung	-	4	5	4	1	10	23	132	290	452	316	89	-	1,326
	Malignant neoplasm of breast	-	-	-	-	2	18	88	147	143	141	71	27	-	637
	Neoplasms - Benign	10	6	19	31	44	215	652	770	394	347	193	48	-	2,729
	All	98	62	96	135	168	577	1,417	2,526	3,245	3,610	2,134	766	-	14,834
Endocrine, nutritional and metabolic diseases, and immunity disorders	Other Endocrine, nutritional and metabolic diseases, and immunity disorders	479	136	55	94	151	548	857	1,189	1,364	1,224	927	650	-	7,674
	Diabetes mellitus	44	71	156	241	466	694	915	1,358	1,203	787	456	171	-	6,562
	Volume depletion (dehydration)	26	7	15	19	39	35	21	11	20	12	13	4	-	222
	All	549	214	226	354	656	1,277	1,793	2,558	2,587	2,023	1,396	825	-	14,458
Diseases of the blood and blood-forming organs		191	164	135	139	189	406	428	561	615	726	656	394	-	4,604
Mental disorders	Other Mental disorders	8	13	29	164	295	372	337	334	256	138	101	40	-	2,087
	Psychoses	17	125	134	295	797	1,739	1,753	1,875	1,371	761	409	213	-	9,489
	Alcohol dependence syndrome	-	-	-	-	17	72	140	199	122	69	11	1	-	631
	All	25	138	163	459	1,109	2,183	2,230	2,408	1,749	968	521	254	-	12,207
Diseases of the nervous system and sense organs		510	306	366	432	338	994	1,153	1,449	1,426	1,215	1,111	586	-	9,886
Diseases of the circulatory system	Other Diseases of the circulatory system	50	22	25	36	94	369	785	1,347	1,874	2,083	1,955	992	-	9,632

(Continued)

Maricopa County 2012 Hospital Discharge Statistics

(Table 5.05a continued)

Primary Diagnosis		Age Group												Un-known	Total
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+		
	Heart disease	18	7	14	43	83	297	664	1,255	1,855	2,651	2,973	2,041	-	11,901
	Acute myocardial infarction	1	-	-	1	2	42	264	761	1,294	1,311	1,033	652	-	5,361
	Coronary atherosclerosis	1	-	-	-	1	9	147	606	1,198	1,545	1,009	224	-	4,740
	Other ischemic heart disease	-	-	-	-	-	5	23	48	77	51	49	29	-	282
	Cardiac dysrhythmias	21	4	15	26	38	177	370	877	1,608	2,438	2,456	1,398	-	9,428
	Congestive heart failure	21	-	1	-	4	34	42	100	161	183	248	240	-	1,034
	Cerebrovascular disease	18	4	7	22	23	142	380	1,026	1,734	2,428	2,691	1,643	-	10,118
	All	130	37	62	128	245	1,075	2,675	6,020	9,801	12,690	12,414	7,219	-	52,496
Diseases of the respiratory system	Other Diseases of the respiratory system	1,043	233	121	259	290	457	628	1,165	1,649	1,985	1,766	1,168	-	10,764
	Acute bronchitis and bronchiolitis	1,704	18	4	7	17	31	95	109	103	122	120	118	-	2,448
	Pneumonia	782	382	186	111	118	344	524	929	1,316	1,579	1,697	1,177	-	9,145
	Chronic bronchitis	-	1	1	-	-	12	77	690	1,128	1,476	1,206	474	-	5,065
	Asthma	683	718	368	133	115	298	437	554	506	351	229	125	-	4,517
	All	4,212	1,352	680	510	540	1,142	1,761	3,447	4,702	5,513	5,018	3,062	-	31,939
Diseases of the digestive system	Other Diseases of the digestive system	601	308	354	634	1,019	3,147	4,296	5,579	5,768	5,216	4,402	2,384	-	33,708
	Appendicitis	109	338	495	432	347	583	466	415	290	184	89	31	-	3,779
	Noninfectious enteritis and colitis	170	48	81	109	194	430	460	503	538	611	505	261	-	3,910
	Cholelithiasis	1	1	-	-	6	20	105	251	282	199	68	12	-	945
	All	881	695	930	1,175	1,566	4,180	5,327	6,748	6,878	6,210	5,064	2,688	-	42,342
Diseases of the genitourinary system	Other Diseases of the genitourinary system	809	199	150	327	508	1,307	2,025	2,253	2,432	2,763	2,956	2,085	1	17,815
	Calculus of kidney and ureter	2	3	20	58	104	353	520	543	483	348	176	66	-	2,676
	All	811	202	170	385	612	1,660	2,545	2,796	2,915	3,111	3,132	2,151	1	20,491

(Continued)

(Table 5.05a continued)

Maricopa County 2012 Hospital Discharge Statistics

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+		Un-known
Diseases of the skin and subcutaneous tissue	Other Diseases of the skin and subcutaneous tissue	74	35	31	43	67	93	125	181	196	144	114	80	-	1,183
	Cellulitis and abscess	510	185	129	188	354	1,041	1,208	1,567	1,400	968	807	552	-	8,909
	All	584	220	160	231	421	1,134	1,333	1,748	1,596	1,112	921	632	-	10,092
Diseases of the musculoskeletal system and connective tissue	Other - Diseases of the musculoskeletal system and connective tissue	66	104	189	240	181	535	910	1,564	1,850	1,952	1,309	567	-	9,467
	Osteoarthritis and allied disorders	-	-	1	1	3	33	240	1,179	3,126	4,115	2,206	325	-	11,229
	Intervertebral disc disorders	-	-	-	11	37	244	510	656	548	516	208	58	-	2,788
	All	66	104	190	252	221	812	1,660	3,399	5,524	6,583	3,723	950	-	23,484
Congenital anomalies		821	106	90	100	47	80	89	109	98	75	36	6	-	1,657
Certain conditions originating in the perinatal period	Certain conditions originating in the perinatal period	1,994	-	-	-	-	-	1	-	-	1	-	-	-	1,996
Symptoms, signs, and ill-defined conditions		975	208	225	362	377	1,085	1,730	2,668	2,640	2,437	2,116	1,269	-	16,092
Injury and poisoning	Injury and poisoning	626	281	327	615	886	1,852	2,211	3,166	3,792	3,590	2,717	1,230	-	21,293
	Fractures, all sites	265	164	198	455	618	959	928	1,127	1,304	1,190	1,295	1,058	-	9,561
	Fracture of neck of femur	-	7	6	3	9	23	36	86	300	565	1,023	1,324	-	3,382
	Poisonings	153	31	88	339	440	799	817	919	613	291	159	60	-	4,709
	All	1,044	483	619	1,412	1,953	3,633	3,992	5,298	6,009	5,636	5,194	3,672	-	38,945
Other healthcare encounters	Other healthcare encounters	306	133	161	143	142	200	251	418	490	400	204	36	-	2,884
	Rehab Services	3	2	1	33	40	79	122	251	439	734	764	452	-	2,920
	All	309	135	162	176	182	279	373	669	929	1,134	968	488	-	5,804
Total		13,876	4,592	4,437	6,641	9,411	22,222	30,558	45,676	54,611	57,002	48,038	27,228	1	324,293

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

Maricopa County 2012 Hospital Discharge Statistics

**Table 5.05b Selected Primary Diagnosis Groups by Age Group
Crude Hospitalization Rates per 100,000 Residents**

Primary Diagnosis		Age Group												Un-known*	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 and parasitic diseases	Other Infectious and parasitic diseases	224.0	51.9	50.1	81.5	105.9	242.3	142.7	220.6	273.1	313.6	521.7	712.8	-	186.6
	Septicemia	22.6	5.9	7.4	62.7	170.1	365.2	242.9	416.5	640.4	1,050.5	1,795.8	2,783.4	-	396.0
	All	246.6	57.8	57.5	144.1	276.0	607.4	385.6	637.2	913.5	1,364.1	2,317.5	3,496.2	-	582.6
Neoplasms	Neoplasms - Other	1.1	2.1	3.5	5.5	2.8	9.6	9.4	19.3	23.0	51.0	81.0	78.7	-	16.3
	Neoplasms - Other Malignant	31.0	16.0	21.9	31.3	37.9	103.0	100.4	228.2	485.9	739.3	723.8	628.0	-	206.5
	Malignant Neoplasm of large intestine & rectum	-	-	-	-	1.8	6.4	13.2	40.1	57.9	129.9	186.2	222.2	-	34.5
	Malignant neoplasm of trachea, bronchus & lung	-	1.4	1.8	1.5	0.4	3.6	4.3	25.7	68.0	155.8	201.5	137.3	-	33.6
	Malignant neoplasm of breast	-	-	-	-	0.7	6.4	16.5	28.6	33.5	48.6	45.3	41.7	-	16.2
	Neoplasms - Benign	3.6	2.1	6.7	11.4	15.4	76.6	122.6	149.9	92.4	119.6	123.1	74.1	-	69.2
	All	35.7	21.6	33.9	49.8	58.9	205.6	266.4	491.9	760.7	1,244.2	1,360.9	1,181.9	-	376.3
Endocrine, nutritional and metabolic diseases, and immunity disorders	Other Endocrine, nutritional and metabolic diseases, and immunity disorders	174.7	47.4	19.4	34.6	53.0	195.2	161.1	231.5	319.7	421.8	591.2	1,002.9	-	194.7
	Diabetes mellitus	16.0	24.7	55.0	88.8	163.4	247.3	172.0	264.4	282.0	271.2	290.8	263.8	-	166.5
	Volume depletion (dehydration)	9.5	2.4	5.3	7.0	13.7	12.5	3.9	2.1	4.7	4.1	8.3	6.2	-	5.6
	All	200.2	74.6	79.7	130.5	230.1	455.0	337.1	498.1	606.4	697.2	890.2	1,272.9	-	366.8
Diseases of the blood and blood-forming organs		69.7	57.1	47.6	51.2	66.3	144.6	80.5	109.2	144.2	250.2	418.3	607.9	-	116.8
Mental disorders	Other Mental disorders	2.9	4.5	10.2	60.4	103.5	132.5	63.4	65.0	60.0	47.6	64.4	61.7	-	52.9
	Psychoses	6.2	43.6	47.3	108.7	279.5	619.6	329.5	365.1	321.4	262.3	260.8	328.6	-	240.7
	Alcohol dependence syndrome	-	-	-	-	6.0	25.7	26.3	38.8	28.6	23.8	7.0	1.5	-	16.0
	All	9.1	48.1	57.5	169.2	388.9	777.7	419.2	468.9	410.0	333.6	332.2	391.9	-	309.7
Diseases of the nervous system and sense organs		186.0	106.6	129.1	159.2	118.5	354.1	216.7	282.2	334.3	418.7	708.5	904.1	-	250.8

(Continued)

Maricopa County 2012 Hospital Discharge Statistics

(Table 5.05b continued)

Primary Diagnosis		Age Group												Un-known*	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 circulatory system	Other Diseases of the circulatory system	18.2	7.7	8.8	13.3	33.0	131.5	147.6	262.3	439.3	717.9	1,246.7	1,530.6	-	244.3
	Heart disease	6.6	2.4	4.9	15.8	29.1	105.8	124.8	244.4	434.8	913.7	1,895.9	3,149.1	-	301.9
	Acute myocardial infarction	0.4	-	-	0.4	0.7	15.0	49.6	148.2	303.3	451.8	658.8	1,006.0	-	136.0
	Coronary atherosclerosis	0.4	-	-	-	0.4	3.2	27.6	118.0	280.8	532.5	643.5	345.6	-	120.2
	Other ischemic heart disease	-	-	-	-	-	1.8	4.3	9.3	18.0	17.6	31.2	44.7	-	7.2
	Cardiac dysrhythmias	7.7	1.4	5.3	9.6	13.3	63.1	69.6	170.8	376.9	840.2	1,566.2	2,157.0	-	239.2
	Congestive heart failure	7.7	-	0.4	-	1.4	12.1	7.9	19.5	37.7	63.1	158.2	370.3	-	26.2
	Cerebrovascular disease	6.6	1.4	2.5	8.1	8.1	50.6	71.4	199.8	406.5	836.8	1,716.1	2,535.0	-	256.7
	All	47.4	12.9	21.9	47.2	85.9	383.0	502.9	1,172.3	2,297.5	4,373.6	7,916.6	11,138.2	-	1,331.7
Diseases of the respiratory system	Other Diseases of the respiratory system	380.4	81.2	42.7	95.5	101.7	162.8	118.1	226.9	386.6	684.1	1,126.2	1,802.1	-	273.0
	Acute bronchitis and bronchiolitis	621.5	6.3	1.4	2.6	6.0	11.0	17.9	21.2	24.1	42.0	76.5	182.1	-	62.1
	Pneumonia	285.2	133.1	65.6	40.9	41.4	122.6	98.5	180.9	308.5	544.2	1,082.2	1,816.0	-	232.0
	Chronic bronchitis	-	0.3	0.4	-	-	4.3	14.5	134.4	264.4	508.7	769.1	731.3	-	128.5
	Asthma	249.1	250.2	129.8	49.0	40.3	106.2	82.1	107.9	118.6	121.0	146.0	192.9	-	114.6
	All	1,536.3	471.1	239.9	188.0	189.4	406.9	331.0	671.2	1,102.2	1,900.0	3,200.1	4,724.4	-	810.2
	Diseases of the digestive system	219.2	107.3	124.9	233.7	357.4	1,121.2	807.6	1,086.4	1,352.1	1,797.7	2,807.2	3,678.3	-	855.1
Diseases of the digestive system	Appendicitis	39.8	117.8	174.6	159.2	121.7	207.7	87.6	80.8	68.0	63.4	56.8	47.8	-	95.9
	Noninfectious enteritis and colitis	62.0	16.7	28.6	40.2	68.0	153.2	86.5	98.0	126.1	210.6	322.0	402.7	-	99.2
	Cholelithiasis	0.4	0.3	-	-	2.1	7.1	19.7	48.9	66.1	68.6	43.4	18.5	-	24.0
	All	321.3	242.2	328.1	433.1	549.2	1,489.2	1,001.4	1,314.1	1,612.3	2,140.3	3,229.4	4,147.3	-	1,074.1
	Diseases of the genitourinary system	295.1	69.3	52.9	120.5	178.1	465.7	380.7	438.7	570.1	952.3	1,885.1	3,216.9	-	451.9
Diseases of the genitourinary system	Calculus of kidney and ureter	0.7	1.0	7.1	21.4	36.5	125.8	97.8	105.7	113.2	119.9	112.2	101.8	-	67.9
	All	295.8	70.4	60.0	141.9	214.6	591.4	478.4	544.5	683.3	1,072.2	1,997.3	3,318.8	-	519.8

(Continued)

(Table 5.05b continued)

Maricopa County 2012 Hospital Discharge Statistics

Primary Diagnosis		Age Group												Un-known*	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	27.0	12.2	10.9	15.8	23.5	33.1	23.5	35.2	45.9	49.6	72.7	123.4	-	30.0
	Cellulitis and abscess	186.0	64.5	45.5	69.3	124.1	370.9	227.1	305.1	328.2	333.6	514.6	851.7	-	226.0
	All	213.0	76.7	56.4	85.1	147.6	404.0	250.6	340.4	374.1	383.2	587.3	975.1	-	256.0
Diseases of the musculoskeletal system and connective tissue	Other - Diseases of the musculoskeletal system and connective tissue	24.1	36.2	66.7	88.5	63.5	190.6	171.1	304.6	433.7	672.8	834.8	874.8	-	240.1
	Osteoarthritis and allied disorders	-	-	0.4	0.4	1.1	11.8	45.1	229.6	732.8	1,418.2	1,406.8	501.4	-	284.8
	Intervertebral disc disorders	-	-	-	4.1	13.0	86.9	95.9	127.7	128.5	177.8	132.6	89.5	-	70.7
	All	24.1	36.2	67.0	92.9	77.5	289.3	312.1	661.9	1,294.9	2,268.8	2,374.2	1,465.8	-	595.7
Congenital anomalies		299.5	36.9	31.8	36.9	16.5	28.5	16.7	21.2	23.0	25.8	23.0	9.3	-	42.0
Certain conditions originating in the perinatal period		727.3	-	-	-	-	-	0.2	-	-	0.3	-	-	-	50.6
Symptoms, signs, and ill-defined conditions		355.6	72.5	79.4	133.4	132.2	386.6	325.2	519.5	618.9	839.9	1,349.4	1,957.9	-	408.2
Injury and poisoning	Injury and poisoning	228.3	97.9	115.4	226.7	310.7	659.8	415.6	616.5	888.9	1,237.3	1,732.7	1,897.8	-	540.1
	Fractures, all sites	96.7	57.1	69.9	167.7	216.7	341.7	174.4	219.5	305.7	410.1	825.8	1,632.4	-	242.5
	Fracture of neck of femur	-	2.4	2.1	1.1	3.2	8.2	6.8	16.7	70.3	194.7	652.4	2,042.8	-	85.8
	Poisonings	55.8	10.8	31.0	125.0	154.3	284.7	153.6	179.0	143.7	100.3	101.4	92.6	-	119.5
	All	380.8	168.3	218.4	520.5	684.9	1,294.3	750.4	1,031.7	1,408.6	1,942.4	3,312.3	5,665.5	-	987.9
Other healthcare encounters	Other healthcare encounters	111.6	46.3	56.8	52.7	49.8	71.3	47.2	81.4	114.9	137.9	130.1	55.5	-	73.2
	Rehab Services	1.1	0.7	0.4	12.2	14.0	28.1	22.9	48.9	102.9	253.0	487.2	697.4	-	74.1
	All	112.7	47.0	57.2	64.9	63.8	99.4	70.1	130.3	217.8	390.8	617.3	752.9	-	147.2
Total		5,061.3	1,599.9	1,565.3	2,447.9	3,300.3	7,917.1	5,744.4	8,894.6	12,801.6	19,645.6	30,634.5	42,010.1	-	8,226.3

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 2012 Hospital Discharge Statistics

**Table 5.06a Selected Primary Diagnosis Groups by Sex
Number of Discharges**

Primary Diagnosis		Number of Discharges by Gender			Total
		Male	Female	Unknown	
Infectious and parasitic diseases	Other Infectious and parasitic diseases	3,459	3,896	-	7,355
	Septicemia	7,506	8,105	-	15,611
	All	10,965	12,001	-	22,966
Neoplasms	Neoplasms - Other	313	329	-	642
	Neoplasms - Other Malignant	4,459	3,682	-	8,141
	Malignant Neoplasm of large intestine & rectum	724	635	-	1,359
	Malignant neoplasm of trachea, bronchus & lung	601	725	-	1,326
	Malignant neoplasm of breast	5	632	-	637
	Neoplasms - Benign	541	2,188	-	2,729
	All	6,643	8,191	-	14,834
Endocrine, nutritional and metabolic diseases, and immunity disorders	Other Endocrine, nutritional and metabolic diseases, and immunity disorders	2,991	4,683	-	7,674
	Diabetes mellitus	3,603	2,959	-	6,562
	Volume depletion (dehydration)	97	125	-	222
	All	6,691	7,767	-	14,458
Diseases of the blood and blood-forming organs		1,962	2,642	-	4,604
Mental disorders	Other Mental disorders	1,058	1,029	-	2,087
	Psychoses	4,977	4,512	-	9,489
	Alcohol dependence syndrome	418	213	-	631
	All	6,453	5,754	-	12,207
Diseases of the nervous system and sense organs		4,287	5,599	-	9,886
Diseases of the circulatory system	Other Diseases of the circulatory system	4,970	4,662	-	9,632
	Heart disease	6,369	5,532	-	11,901
	Acute myocardial infarction	3,530	1,831	-	5,361
	Coronary atherosclerosis	3,304	1,436	-	4,740
	Other ischemic heart disease	140	142	-	282
	Cardiac dysrhythmias	4,974	4,454	-	9,428
	Congestive heart failure	560	474	-	1,034
	Cerebrovascular disease	4,893	5,225	-	10,118
	All	28,740	23,756	-	52,496
Diseases of the respiratory system	Other Diseases of the respiratory system	5,499	5,265	-	10,764
	Acute bronchitis and bronchiolitis	1,243	1,205	-	2,448
	Pneumonia	4,341	4,804	-	9,145
	Chronic bronchitis	2,263	2,802	-	5,065
	Asthma	1,977	2,540	-	4,517
	All	15,323	16,616	-	31,939
Diseases of the digestive system	Other Diseases of the digestive system	14,954	18,754	-	33,708
	Appendicitis	2,097	1,682	-	3,779
	Noninfectious enteritis and colitis	1,437	2,473	-	3,910
	Cholelithiasis	518	427	-	945
	All	19,006	23,336	-	42,342
Diseases of the genitourinary system	Other Diseases of the genitourinary system	6,600	11,215	-	17,815
	Calculus of kidney and ureter	1,419	1,257	-	2,676
	All	8,019	12,472	-	20,491

(Continued)

Maricopa County 2012 Hospital Discharge Statistics

(Table 5.06a continued)

Primary Diagnosis		Number of Discharges by Gender			Total
		Male	Female	Unknown	
Diseases of the skin and subcutaneous tissue	Other Diseases of the skin and subcutaneous tissue	608	575	-	1,183
	Cellulitis and abscess	4,766	4,143	-	8,909
	All	5,374	4,718	-	10,092
Diseases of the musculoskeletal system and connective tissue	Other - Diseases of the musculoskeletal system and connective tissue	4,576	4,891	-	9,467
	Osteoarthritis and allied disorders	4,691	6,538	-	11,229
	Intervertebral disc disorders	1,417	1,371	-	2,788
	All	10,684	12,800	-	23,484
Congenital anomalies		853	804	-	1,657
Certain conditions originating in the perinatal period		1,156	838	2	1,996
Symptoms, signs, and ill-defined conditions		7,252	8,840	-	16,092
Injury and poisoning	Injury and poisoning	11,689	9,604	-	21,293
	Fractures, all sites	4,837	4,723	1	9,561
	Fracture of neck of femur	1,086	2,296	-	3,382
	Poisonings	2,150	2,559	-	4,709
	All	19,762	19,182	1	38,945
Other healthcare encounters	Other healthcare encounters	1,519	1,365	-	2,884
	Rehab Services	1,480	1,440	-	2,920
	All	2,999	2,805	-	5,804
Total		156,169	168,121	3	324,293

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

Maricopa County 2012 Hospital Discharge Statistics

**Table 5.06b Selected Primary Diagnosis Groups by Gender
Crude Hospitalization Rates per 100,000 Residents**

Primary Diagnosis		Hospitalization Rate by Gender			
		Male	Female	Unknown*	Total
Infectious and parasitic diseases	Other Infectious and parasitic diseases	177.4	195.6	-	186.6
	Septicemia	384.9	406.9	-	396.0
	All	562.3	602.5	-	582.6
Neoplasms	Neoplasms - Other	16.0	16.5	-	16.3
	Neoplasms - Other Malignant	228.6	184.8	-	206.5
	Malignant Neoplasm of large intestine & rectum	37.1	31.9	-	34.5
	Malignant neoplasm of trachea, bronchus & lung	30.8	36.4	-	33.6
	Malignant neoplasm of breast	0.3	31.7	-	16.2
	Neoplasms - Benign	27.7	109.8	-	69.2
	All	340.6	411.2	-	376.3
Endocrine, nutritional and metabolic diseases, and immunity disorders	Other Endocrine, nutritional and metabolic diseases, and immunity disorders	153.4	235.1	-	194.7
	Diabetes mellitus	184.8	148.5	-	166.5
	Volume depletion (dehydration)	5.0	6.3	-	5.6
	All	343.1	389.9	-	366.8
Diseases of the blood and blood-forming organs		100.6	132.6	-	116.8
Mental disorders	Other Mental disorders	54.3	51.7	-	52.9
	Psychoses	255.2	226.5	-	240.7
	Alcohol dependence syndrome	21.4	10.7	-	16.0
	All	330.9	288.9	-	309.7
Diseases of the nervous system and sense organs		219.8	281.1	-	250.8
Diseases of the circulatory system	Other Diseases of the circulatory system	254.8	234.0	-	244.3
	Heart disease	326.6	277.7	-	301.9
	Acute myocardial infarction	181.0	91.9	-	136.0
	Coronary atherosclerosis	169.4	72.1	-	120.2
	Other ischemic heart disease	7.2	7.1	-	7.2
	Cardiac dysrhythmias	255.1	223.6	-	239.2
	Congestive heart failure	28.7	23.8	-	26.2
	Cerebrovascular disease	250.9	262.3	-	256.7
	All	1,473.7	1,192.6	-	1,331.7
Diseases of the respiratory system	Other Diseases of the respiratory system	282.0	264.3	-	273.0
	Acute bronchitis and bronchiolitis	63.7	60.5	-	62.1
	Pneumonia	222.6	241.2	-	232.0
	Chronic bronchitis	116.0	140.7	-	128.5
	Asthma	101.4	127.5	-	114.6
	All	785.7	834.1	-	810.2
Diseases of the digestive system	Other Diseases of the digestive system	766.8	941.5	-	855.1
	Appendicitis	107.5	84.4	-	95.9
	Noninfectious enteritis and colitis	73.7	124.1	-	99.2
	Cholelithiasis	26.6	21.4	-	24.0
	All	974.6	1,171.5	-	1,074.1
Diseases of the genitourinary system	Other Diseases of the genitourinary system	338.4	563.0	-	451.9
	Calculus of kidney and ureter	72.8	63.1	-	67.9
	All	411.2	626.1	-	519.8

(Continued)

Maricopa County 2012 Hospital Discharge Statistics

(Table 5.06b continued)

Primary Diagnosis		Hospitalization Rate by Gender			
		Male	Female	Unknown*	Total
Diseases of the skin and subcutaneous tissue	Other Diseases of the skin and subcutaneous tissue	31.2	28.9	-	30.0
	Cellulitis and abscess	244.4	208.0	-	226.0
	All	275.6	236.8	-	256.0
Diseases of the musculoskeletal system and connective tissue	Other - Diseases of the musculoskeletal system and connective tissue	234.6	245.5	-	240.1
	Osteoarthritis and allied disorders	240.5	328.2	-	284.8
	Intervertebral disc disorders	72.7	68.8	-	70.7
	All	547.8	642.6	-	595.7
Congenital anomalies		43.7	40.4	-	42.0
Certain conditions originating in the perinatal period		59.3	42.1	-	50.6
Symptoms, signs, and ill-defined conditions		371.9	443.8	-	408.2
Injury and poisoning	Injury and poisoning	599.4	482.1	-	540.1
	Fractures, all sites	248.0	237.1	-	242.5
	Fracture of neck of femur	55.7	115.3	-	85.8
	Poisonings	110.2	128.5	-	119.5
	All	1,013.3	963.0	-	987.9
Other healthcare encounters	Other healthcare encounters	77.9	68.5	-	73.2
	Rehab Services	75.9	72.3	-	74.1
	All	153.8	140.8	-	147.2
Total		8,007.9	8,439.9	-	8,226.3

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 2012 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	22,966	\$36,390.00	\$59,623.72	\$1,369,320,000.00
Other infectious and parasitic diseases	7,355	\$25,550.00	\$40,219.44	\$295,813,987.00
Septicemia	15,611	\$43,832.00	\$68,765.89	\$1,073,500,000.00
Total Neoplasms	14,834	\$52,608.00	\$73,946.48	\$1,096,920,000.00
Neoplasms - Other	642	\$48,212.00	\$72,183.56	\$46,341,843.00
Neoplasms - Other Malignant	8,141	\$55,120.00	\$80,968.50	\$659,164,541.00
Malignant Neoplasm of large intestine & rectum	1,359	\$62,293.00	\$80,156.56	\$108,932,763.00
Malignant neoplasm of trachea, bronchus & lung	1,326	\$58,077.50	\$70,003.61	\$92,824,787.00
Malignant neoplasm of breast	637	\$40,814.00	\$49,905.29	\$31,789,671.00
Neoplasms - Benign	2,729	\$43,365.00	\$57,848.47	\$157,868,483.00
Total Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	14,458	\$25,108.00	\$35,313.55	\$510,563,243.00
Other Endocrine, nutritional and metabolic diseases, and immunity disorders	7,674	\$24,313.50	\$32,063.92	\$246,058,531.00
Diabetes mellitus	6,562	\$25,435.50	\$36,909.47	\$242,199,962.00
Volume depletion (dehydration)	222	\$61,538.50	\$100,471.85	\$22,304,750.00
Diseases of the Blood and Blood-Forming Organs	4,604	\$23,907.50	\$37,363.14	\$172,019,900.00
Total Mental Disorders	12,180	\$22,776.50	\$30,609.55	\$372,824,350.00
Other Mental disorders	2,081	\$16,398.00	\$21,350.94	\$44,431,304.00
Psychoses	9,471	\$24,928.00	\$33,280.94	\$315,203,749.00
Alcohol dependence syndrome	628	\$15,471.50	\$21,002.07	\$13,189,297.00
Diseases of the Nervous System and Sense Organs	9,886	\$26,736.50	\$40,217.66	\$397,591,737.00
Total Diseases of the Circulatory System	52,496	\$37,899.50	\$60,584.02	\$3,180,420,000.00
Other Diseases of the circulatory system	9,632	\$30,664.50	\$50,859.94	\$489,882,984.00
Heart disease	11,901	\$38,101.00	\$63,604.35	\$756,955,306.00
Acute myocardial infarction	5,361	\$72,076.00	\$92,724.21	\$497,094,477.00
Coronary atherosclerosis	4,740	\$71,814.00	\$90,156.26	\$427,340,668.00
Other ischemic heart disease	282	\$24,145.00	\$28,191.65	\$7,950,044.00
Cardiac dysrhythmias	9,428	\$27,925.00	\$46,870.63	\$441,896,336.00
Congestive heart failure	1,034	\$28,628.50	\$57,022.15	\$58,960,907.00
Cerebrovascular disease	10,118	\$32,833.50	\$49,450.30	\$500,338,170.00
Other Diseases of the Respiratory System	31,939	\$24,904.00	\$37,541.98	\$1,199,050,000.00
Other Diseases of the respiratory system	10,764	\$33,259.50	\$52,976.77	\$570,241,963.00
Acute bronchitis and bronchiolitis	2,448	\$12,187.50	\$18,586.38	\$45,499,450.00
Pneumonia	9,145	\$26,026.00	\$36,059.48	\$329,763,959.00
Chronic bronchitis	5,065	\$24,765.00	\$31,023.15	\$157,132,269.00
Asthma	4,517	\$16,802.00	\$21,345.03	\$96,415,512.00
Total Diseases of the Digestive System	42,342	\$29,813.00	\$40,845.59	\$1,729,480,000.00
Other Diseases of the digestive system	33,708	\$30,144.50	\$41,935.57	\$1,413,560,000.00
Appendicitis	3,779	\$32,111.00	\$36,495.48	\$137,916,403.00
Noninfectious enteritis and colitis	3,910	\$24,003.50	\$34,786.00	\$136,013,265.00
Cholelithiasis	945	\$28,720.00	\$44,434.06	\$41,990,185.00
Total Diseases of the Genitourinary System	20,491	\$25,538.00	\$32,609.00	\$668,190,917.00
Other Diseases of the genitourinary system	17,815	\$25,031.00	\$32,637.86	\$581,443,527.00
Calculus of kidney and ureter	2,676	\$28,502.00	\$32,416.81	\$86,747,390.00
Total Diseases of the Skin and Subcutaneous Tissue	10,092	\$20,002.50	\$26,907.79	\$271,553,386.00

(Continued)

Maricopa County 2012 Hospital Discharge Statistics

(Table 5.07 continued)

Primary Diagnosis Category	Number of Discharges	Median Charges	Mean Charges	Total Charges
Other Diseases of the skin and subcutaneous tissue	1,183	\$23,896.00	\$43,703.71	\$51,701,488.00
Cellulitis and abscess	8,909	\$19,665.00	\$24,677.51	\$219,851,898.00
Total Diseases of the Musculoskeletal System and Connective Tissue	23,484	\$50,176.00	\$61,338.62	\$1,440,480,000.00
Other - Diseases of the musculoskeletal system and connective tissue	9,467	\$44,459.00	\$65,071.23	\$616,029,335.00
Osteoarthritis and allied disorders	11,229	\$51,058.00	\$54,093.72	\$607,418,321.00
Intervertebral disc disorders	2,788	\$58,125.00	\$77,843.81	\$217,028,544.00
Congenital Anomalies	1,657	\$70,377.00	\$132,273.12	\$219,176,566.00
Certain Conditions Originating in the Perinatal Period	1,996	\$14,452.00	\$82,440.64	\$164,551,522.00
Other Symptoms, Signs, and Ill-Defined Conditions	16,092	\$22,103.50	\$26,021.24	\$418,733,811.00
Total Injury and Poisoning	38,945	\$38,393.00	\$60,033.52	\$2,338,010,000.00
Injury and poisoning	21,293	\$37,467.00	\$63,847.83	\$1,359,510,000.00
Fractures, all sites	9,561	\$41,634.00	\$65,071.52	\$622,148,817.00
Fracture of neck of femur	3,382	\$57,004.00	\$64,067.08	\$216,674,856.00
Poisonings	4,709	\$20,525.00	\$29,660.17	\$139,669,724.00
Total- Other Healthcare Encounters	5,804	\$42,491.50	\$55,822.92	\$323,996,251.00
Other healthcare encounters	2,884	\$36,243.00	\$57,010.65	\$164,418,722.00
Rehab Services	2,920	\$46,990.50	\$54,649.84	\$159,577,529.00
Total	324,266	\$31,806.00	\$48,950.18	\$15,873,000,000.00

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

Table 5.08 Average Charges for Hospitalization Related to Pregnancy and Birth

	Number of Discharges	Median Charge	Mean Charge	Total Charges
Infant	57,349	\$2,670.00	\$8,177.85	\$468,991,785.00
Mother	63,890	\$12,658.50	\$15,897.86	\$1,015,710,000.00
Total	121,239	\$7,785.00	\$12,246.11	\$1,484,710,000.00

Note: Mothers include all women hospitalized for pregnancy related conditions

Maricopa County 2012 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	22,966	4.0	5.8	134,235.0
Other infectious and parasitic diseases	7,355	3.0	4.7	34,625.0
Septicemia	15,611	5.0	6.4	99,610.0
Total Neoplasms	14,834	4.0	5.7	85,021.0
Neoplasms - Other	642	4.0	5.7	3,686.0
Neoplasms - Other Malignant	8,141	4.0	6.4	51,731.0
Malignant Neoplasm of large intestine & rectum	1,359	6.0	7.5	10,187.0
Malignant neoplasm of trachea, bronchus & lung	1,326	5.0	6.5	8,651.0
Malignant neoplasm of breast	637	1.0	2.1	1,331.0
Neoplasms - Benign	2,729	3.0	3.5	9,435.0
Total Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders	14,458	2.0	3.5	51,069.0
Other Endocrine, nutritional and metabolic diseases, and immunity disorders	7,674	2.0	3.0	23,108.0
Diabetes mellitus	6,562	3.0	3.9	25,626.0
Volume depletion (dehydration)	222	7.0	10.5	2,335.0
Diseases of the Blood and Blood-forming Organs	4,604	3.0	3.7	17,166.0
Total Mental Disorders	12,207	7.0	10.3	125,132.0
Other Mental disorders	2,087	4.0	5.6	11,788.0
Psychoses	9,489	8.0	11.5	109,472.0
Alcohol dependence syndrome	631	4.0	6.1	3,872.0
Diseases of the Nervous System and Sense Organs	9,886	3.0	3.8	37,184.0
Total Diseases of the Circulatory System	52,496	3.0	3.9	204,177.0
Other Diseases of the circulatory system	9,632	3.0	3.7	35,981.0
Heart disease	11,901	4.0	5.0	59,082.0
Acute myocardial infarction	5,361	3.0	4.2	22,539.0
Coronary atherosclerosis	4,740	2.0	3.6	17,037.0
Other ischemic heart disease	282	1.0	1.7	493.0
Cardiac dysrhythmias	9,428	2.0	2.9	27,612.0
Congestive heart failure	1,034	3.0	4.2	4,379.0
Cerebrovascular disease	10,118	2.0	3.7	37,054.0
Other Diseases of the Respiratory System	31,939	3.0	4.2	133,741.0
Other Diseases of the respiratory system	10,764	4.0	5.1	55,420.0
Acute bronchitis and bronchiolitis	2,448	2.0	3.1	7,559.0
Pneumonia	9,145	3.0	4.2	38,616.0
Chronic bronchitis	5,065	3.0	3.8	19,416.0
Asthma	4,517	2.0	2.8	12,730.0
Total Diseases of the Digestive System	42,342	3.0	3.9	165,845.0
Other Diseases of the digestive system	33,708	3.0	4.1	136,542.0
Appendicitis	3,779	2.0	2.5	9,446.0
Noninfectious enteritis and colitis	3,910	3.0	3.9	15,332.0
Cholelithiasis	945	3.0	4.8	4,525.0
Total Diseases of the Genitourinary System	20,491	2.0	3.3	66,783.0
Other Diseases of the genitourinary system	17,815	3.0	3.4	60,966.0
Calculus of kidney and ureter	2,676	2.0	2.2	5,817.0
Total Diseases of the Skin and Subcutaneous Tissue	10,092	3.0	3.6	36,689.0

(Continued)

Maricopa County 2012 Hospital Discharge Statistics

(Table 5.09 continued)

Primary Diagnosis Code Categories	Number of Discharges	Median Days	Mean Days	Total Days
Other Diseases of the skin and subcutaneous tissue	1,183	3.0	4.9	5,760.0
Cellulitis and abscess	8,909	3.0	3.5	30,929.0
Total Diseases of the Musculoskeletal System and Connective Tissue	23,484	3.0	3.1	72,500.0
Other - Diseases of the musculoskeletal system and connective tissue	9,467	3.0	3.7	34,816.0
Osteoarthritis and allied disorders	11,229	3.0	2.7	30,106.0
Intervertebral disc disorders	2,788	2.0	2.7	7,578.0
Congenital Anomalies	1,657	3.0	7.1	11,749.0
Certain Conditions originating in the Perinatal Period	1,996	3.0	10.8	21,599.0
Other Symptoms, Signs, and Ill-Defined Conditions	16,092	2.0	2.4	38,810.0
Total Injury and poisoning	21,293	3.0	4.8	102,971.0
Fractures, all sites	9,561	3.0	4.1	39,356.0
Fracture of neck of femur	3,382	4.0	4.9	16,623.0
Poisonings	4,709	2.0	2.9	13,710.0
Total – Other Healthcare Encounters	5,804	7.0	9.8	57,143.0
Other healthcare encounters	2,884	4.0	5.4	15,542.0
Rehab Services	2,920	13.0	14.2	41,601.0
Total	324,293	3.0	4.4	1,431,503.0

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

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

	Number of Discharges	Median Days	Mean Days	Total Days
Infant	57,349	2	3	175,916
Mother	63,890	2	3	168,220
Total	121,239	2	3	344,136

Note: Mothers include all women hospitalized for pregnancy-related conditions

Maricopa County 2012 Hospital Discharge Statistics

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

Age Group	Number of ED Visits by Race/Ethnicity						Total
	White	Hispanic	Black	American Indian	Asian, Native Hawaiian, or Pac. Islander	Unknown	
0-4	49,897	75,259	13,977	4,348	2,371	2,487	148,339
5-9	24,784	34,063	6,248	1,627	1,069	1,070	68,861
10-14	17,361	18,518	3,917	891	484	585	41,756
15-19	42,572	35,117	9,182	1,906	1,012	973	90,762
20-24	56,984	36,637	13,862	2,748	1,242	1,077	112,550
25-34	112,131	58,954	22,367	5,599	2,943	2,081	204,075
35-44	92,099	42,881	16,396	3,859	2,670	1,582	159,487
45-54	88,355	30,118	14,807	2,660	1,899	1,325	139,164
55-64	64,542	17,187	8,380	1,259	1,438	861	93,667
65-74	51,543	9,244	3,358	528	1,043	516	66,232
75-84	43,247	5,079	1,732	235	670	338	51,301
85+	26,680	1,805	595	58	253	137	29,528
Unknown	5	4	3	0	0	1	13
Total	670,200	364,866	114,824	25,718	17,094	13,033	1,205,735

Table 5.12 Number of ED Visits by Age Group and Sex

Age Group	Number of ED Visits			Total
	Female	Male	Unknown	
0-4	67,541	80,794	4	148,339
5-9	31,717	37,143	1	68,861
10-14	19,380	22,376	0	41,756
15-19	53,136	37,626	0	90,762
20-24	71,532	41,018	0	112,550
25-34	126,499	77,576	0	204,075
35-44	95,608	63,877	2	159,487
45-54	78,289	60,873	2	139,164
55-64	52,336	41,329	2	93,667
65-74	37,910	28,321	1	66,232
75-84	30,389	20,912	0	51,301
85+	19,364	10,164	0	29,528
Unknown	3	10	0	13
Total	683,704	522,019	12	1,205,735

Maricopa County 2012 Hospital Discharge Statistics

Table 5.13 Number of ED Visits by Sex and Payer Type

Payer Type	Number of ED Visits			Total
	Female	Male	Unknown	
AHCCCS	259,545	170,826	5	430,376
Private Insurance	190,045	142,641	1	332,687
Self Pay	95,686	106,512	4	202,202
Medicare	116,391	80,656	1	197,048
Other	22,037	21,384	1	43,422
Total	683,704	522,019	12	1,205,735

Maricopa County 2012 Hospital Discharge Statistics

**Table 5.14a Selected Primary Diagnosis Groups by Race/Ethnicity
Number of ED Visits**

Primary Diagnosis Group	Number of ED Visits						Total
	White	Hispanic	Black	American Indian	Asian, Native Hawaiian, or Pac. Islander	Unknown	
Infectious and parasitic diseases	9,877	10,851	2,829	597	364	321	24,839
Neoplasms	962	446	194	17	28	11	1,658
Endocrine, nutritional and metabolic diseases, and immunity disorders	10,259	4,641	1,671	410	264	168	17,413
Diseases of the blood and blood-forming organs	1,711	1,043	834	70	62	55	3,775
Mental disorders	24,104	7,590	2,563	1,468	329	301	36,355
Diseases of the nervous system and sense organs	35,988	24,330	6,817	1,761	883	718	70,497
Diseases of the circulatory system	19,813	4,571	2,585	264	494	271	27,998
Diseases of the respiratory system	55,283	46,672	15,106	3,173	1,777	1,454	123,465
Diseases of the digestive system	38,980	23,921	6,811	1,600	1,025	793	73,130
Diseases of the genitourinary system	39,729	23,111	6,903	1,383	955	660	72,741
Complications of pregnancy, childbirth, & the puerperium	15,114	14,824	4,024	699	707	349	35,717
Diseases of the skin and subcutaneous tissue	23,418	13,534	4,162	1,061	531	400	43,106
Diseases of the musculoskeletal system and connective tissue	49,953	19,462	8,927	1,706	940	755	81,743
Congenital anomalies	169	121	41	8	5	8	352
Certain conditions originating in the perinatal period	648	935	184	59	44	45	1,915
Symptoms, signs, and ill-defined conditions	178,766	92,036	28,547	5,541	4,812	3,570	313,272
Injury and poisoning	150,460	69,308	19,636	5,185	3,557	2,788	250,934
Newborn Infant	3	1	1	0	0	0	5
Other healthcare encounters	14,963	7,469	2,989	716	317	366	26,820
Total	655,237	357,397	111,835	25,002	16,777	12,667	1,178,915

Maricopa County 2012 Hospital Discharge Statistics

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

Primary Diagnosis Group	Race/Ethnicity						Total
	White	Hispanic	Black	American Indian	Asian, Native Hawaiian, or Pac. Islander	Unknown*	
Infectious and parasitic diseases	432.7	918.0	1,486.7	949.7	242.2	-	640.1
Neoplasms	42.1	37.7	101.9	27.0	18.6	-	42.7
Endocrine, nutritional and metabolic diseases, and immunity disorders	449.5	392.6	878.1	652.2	175.6	-	448.8
Diseases of the blood and blood-forming organs	75.0	88.2	438.3	111.4	41.2	-	97.3
Mental disorders	1,056.0	642.1	1,346.9	2,335.3	218.9	-	936.9
Diseases of the nervous system and sense organs	1,576.7	2,058.4	3,582.4	2,801.4	587.4	-	1,816.8
Diseases of the circulatory system	868.0	386.7	1,358.5	420.0	328.7	-	721.6
Diseases of the respiratory system	2,422.0	3,948.6	7,938.4	5,047.6	1,182.2	-	3,181.9
Diseases of the digestive system	1,707.7	2,023.8	3,579.3	2,545.3	681.9	-	1,884.7
Diseases of the genitourinary system	1,740.6	1,955.3	3,627.6	2,200.1	635.3	-	1,874.7
Complications of pregnancy, childbirth, & the puerperium	662.2	1,254.2	2,114.7	1,112.0	470.4	-	920.5
Diseases of the skin and subcutaneous tissue	1,026.0	1,145.0	2,187.2	1,687.8	353.3	-	1,110.9
Diseases of the musculoskeletal system and connective tissue	2,188.5	1,646.5	4,691.3	2,713.9	625.4	-	2,106.6
Congenital anomalies	7.4	10.2	21.5	12.7	3.3	-	9.1
Certain conditions originating in the perinatal period	28.4	79.1	96.7	93.9	29.3	-	49.4
Symptoms, signs, and ill-defined conditions	7,831.9	7,786.5	15,001.8	8,814.5	3,201.4	-	8,073.5
Injury and poisoning	6,591.8	5,863.7	10,319.0	8,248.2	2,366.4	-	6,467.0
Newborn Infant	0.1	0.1	0.5	0.0	0.0	-	0.1
Other healthcare encounters	655.5	631.9	1,570.8	1,139.0	210.9	-	691.2
Total	29,362.0	30,868.7	60,341.6	40,911.8	11,372.4	-	31,073.7

*Rate not calculated because population denominator unavailable for this group

Maricopa County 2012 Hospital Discharge Statistics

**Table 5.15a Selected Primary Diagnosis Groups by Age Groups
Number of ED 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+	Unknown	
Infectious and parasitic diseases	7,541	3,569	1,378	2,074	2,062	2,999	1,798	1,468	806	562	381	201	0	24,839
Neoplasms	46	28	10	39	61	181	312	339	256	177	135	74	0	1,658
Endocrine, nutritional and metabolic diseases, and immunity disorders	907	436	330	739	1,002	2,224	2,693	2,979	2,376	1,682	1,313	732	0	17,413
Diseases of the blood and blood-forming organs	271	283	170	251	326	552	477	355	315	297	312	166	0	3,775
Mental disorders	76	315	760	4,021	4,622	8,364	6,751	5,897	3,094	1,278	759	412	6	36,355
Diseases of the nervous system and sense organs	15,320	5,795	2,257	3,676	4,809	11,252	9,693	8,019	4,795	2,623	1,536	721	1	70,497
Diseases of the circulatory system	117	59	110	372	636	1,990	2,939	4,533	4,763	5,072	4,640	2,766	1	27,998
Diseases of the respiratory system	37,065	14,349	6,082	8,565	9,124	15,025	10,829	8,970	5,793	3,902	2,570	1,191	0	123,465
Diseases of the digestive system	8,248	3,852	2,389	4,444	7,115	15,220	10,650	8,509	5,209	3,357	2,692	1,445	0	73,130
Diseases of the genitourinary system	3,306	2,150	1,071	6,740	10,924	16,522	11,277	7,773	4,713	3,761	2,853	1,651	0	72,741
Complications of pregnancy, childbirth, & the puerperium	0	0	5	5,112	11,829	15,055	3,650	64	1	0	0	1	0	35,717
Diseases of the skin and subcutaneous tissue	5,723	2,411	1,540	3,559	4,696	7,828	6,086	5,110	2,928	1,659	1,023	543	0	43,106
Diseases of the musculoskeletal system and connective tissue	1,239	1,328	1,627	4,039	6,158	15,452	14,883	14,554	9,207	6,061	4,707	2,487	1	81,743
Congenital anomalies	113	25	22	15	29	32	34	34	22	16	5	5	0	352
Certain conditions originating in the perinatal period	1,906	1	0	0	3	3	2	0	0	0	0	0	0	1,915
Symptoms, signs, and ill-defined conditions	33,704	14,124	8,556	20,018	24,352	49,358	44,811	41,896	29,525	21,263	16,737	8,927	1	313,272
Injury and poisoning	28,814	18,944	14,815	25,080	22,319	37,430	29,138	25,333	17,672	13,179	10,614	7,594	2	250,934
Newborn Infant	5	0	0	0	0	0	0	0	0	0	0	0	0	5
Other healthcare encounters	3,938	1,192	634	2,018	2,483	4,588	3,464	3,331	2,192	1,343	1,024	612	1	26,820
Total	148,339	68,861	41,756	90,762	112,550	204,075	159,487	139,164	93,667	66,232	51,301	29,528	13	1,205,735

Maricopa County 2012 Hospital Discharge Statistics

**Table 5.15b Selected Primary Diagnosis Groups by Age Group, Number of ED Visits
Crude Rate of ED 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+	Unknown*	
Infectious and parasitic diseases	2,750.6	1,243.5	486.1	764.5	723.1	1,068.5	338.0	285.9	188.9	193.7	243.0	310.1	-	640.1
Neoplasms	16.8	9.8	3.5	14.4	21.4	64.5	58.7	66.0	60.0	61.0	86.1	114.2	-	42.7
Endocrine, nutritional and metabolic diseases, and immunity disorders	330.8	151.9	116.4	272.4	351.4	792.4	506.2	580.1	557.0	579.7	837.3	1,129.4	-	448.8
Diseases of the blood and blood-forming organs	98.8	98.6	60.0	92.5	114.3	196.7	89.7	69.1	73.8	102.4	199.0	256.1	-	97.3
Mental disorders	27.7	109.8	268.1	1,482.1	1,620.9	2,979.9	1,269.1	1,148.3	725.3	440.5	484.0	635.7	-	936.9
Diseases of the nervous system and sense organs	5,588.0	2,019.1	796.2	1,355.0	1,686.5	4,008.8	1,822.1	1,561.6	1,124.0	904.0	979.5	1,112.4	-	1,816.8
Diseases of the circulatory system	42.7	20.6	38.8	137.1	223.0	709.0	552.5	882.7	1,116.5	1,748.0	2,959.0	4,267.7	-	721.6
Diseases of the respiratory system	13,519.5	4,999.5	2,145.6	3,157.0	3,199.7	5,353.0	2,035.7	1,746.8	1,358.0	1,344.8	1,638.9	1,837.6	-	3,181.9
Diseases of the digestive system	3,008.5	1,342.1	842.8	1,638.0	2,495.2	5,422.5	2,002.0	1,657.0	1,221.1	1,157.0	1,716.7	2,229.5	-	1,884.7
Diseases of the genitourinary system	1,205.9	749.1	377.8	2,484.3	3,830.9	5,886.4	2,119.9	1,513.7	1,104.8	1,296.2	1,819.4	2,547.3	-	1,874.7
Complications of pregnancy, childbirth, & the puerperium	0.0	0.0	1.8	1,884.3	4,148.3	5,363.7	686.1	12.5	0.2	0.0	0.0	1.5	-	920.5
Diseases of the skin and subcutaneous tissue	2,087.5	840.0	543.3	1,311.8	1,646.8	2,788.9	1,144.1	995.1	686.4	571.8	652.4	837.8	-	1,110.9
Diseases of the musculoskeletal system and connective tissue	451.9	462.7	574.0	1,488.8	2,159.5	5,505.2	2,797.8	2,834.1	2,158.3	2,088.9	3,001.7	3,837.2	-	2,106.6
Congenital anomalies	41.2	8.7	7.8	5.5	10.2	11.4	6.4	6.6	5.2	5.5	3.2	7.7	-	9.1
Certain conditions originating in the perinatal period	695.2	0.3	0.0	0.0	1.1	1.1	0.4	0.0	0.0	0.0	0.0	0.0	-	49.4
Symptoms, signs, and ill-defined conditions	12,293.6	4,921.1	3,018.4	7,378.6	8,540.0	17,585.0	8,423.8	8,158.5	6,921.1	7,328.2	10,673.4	13,773.5	-	8,073.5
Injury and poisoning	10,510.0	6,600.4	5,226.4	9,244.4	7,827.0	13,335.4	5,477.5	4,933.2	4,142.6	4,542.1	6,768.7	11,716.8	-	6,467.0
Newborn Infant	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.1
Other healthcare encounters	1,436.4	415.3	223.7	743.8	870.8	1,634.6	651.2	648.7	513.8	462.9	653.0	944.3	-	691.2
Total	54,106.9	23,992.5	14,730.7	33,454.6	39,470.0	72,706.8	29,981.1	27,099.8	21,956.9	22,826.7	32,715.4	45,558.8	-	31,073.7

*Rate not calculated because population denominator unavailable for this group

Maricopa County 2012 Hospital Discharge Statistics

**Table 5.16a Selected Primary Diagnosis Groups by Sex
Number of ED Visits**

Primary Diagnosis	Number of ED Visits by Gender			Total
	Female	Male	Unknown	
Infectious and parasitic diseases	13,435	11,404	0	24,839
Neoplasms	1,041	617	0	1,658
Endocrine, nutritional and metabolic diseases, and immunity disorders	8,897	8,516	0	17,413
Diseases of the blood and blood-forming organs	2,161	1,614	0	3,775
Mental disorders	17,305	19,049	1	36,355
Diseases of the nervous system and sense organs	40,759	29,738	0	70,497
Diseases of the circulatory system	14,615	13,382	1	27,998
Diseases of the respiratory system	64,947	58,516	2	123,465
Diseases of the digestive system	40,152	32,978	0	73,130
Diseases of the genitourinary system	53,745	18,995	1	72,741
Complications of pregnancy, childbirth, & the puerperium	35,717	0	0	35,717
Diseases of the skin and subcutaneous tissue	22,041	21,063	2	43,106
Diseases of the musculoskeletal system and connective tissue	47,090	34,653	0	81,743
Congenital anomalies	174	178	0	352
Certain conditions originating in the perinatal period	929	986	0	1,915
Symptoms, signs, and ill-defined conditions	187,175	126,096	1	313,272
Injury and poisoning	121,040	129,892	2	250,934
Newborn Infant	3	2	0	5
Other healthcare encounters	12,478	14,340	2	26,820
Total	683,704	522,019	12	1,205,735

Maricopa County 2012 Hospital Discharge Statistics

**Table 5.16b Selected Primary Diagnosis Groups by Sex
Crude Hospitalization Rates per 100,000 Residents**

Primary Diagnosis	ED Visits Rate by Gender			Total
	Female	Male	Unknown*	
Infectious and parasitic diseases	674.5	584.8	-	640.1
Neoplasms	52.3	31.6	-	42.7
Endocrine, nutritional and metabolic diseases, and immunity disorders	446.6	436.7	-	448.8
Diseases of the blood and blood-forming organs	108.5	82.8	-	97.3
Mental disorders	868.7	976.8	-	936.9
Diseases of the nervous system and sense organs	2,046.2	1,524.9	-	1,816.8
Diseases of the circulatory system	733.7	686.2	-	721.6
Diseases of the respiratory system	3,260.4	3,000.5	-	3,181.9
Diseases of the digestive system	2,015.7	1,691.0	-	1,884.7
Diseases of the genitourinary system	2,698.1	974.0	-	1,874.7
Complications of pregnancy, childbirth, & the puerperium	1,793.0	0.0	-	920.5
Diseases of the skin and subcutaneous tissue	1,106.5	1,080.0	-	1,110.9
Diseases of the musculoskeletal system and connective tissue	2,364.0	1,776.9	-	2,106.6
Congenital anomalies	8.7	9.1	-	9.1
Certain conditions originating in the perinatal period	46.6	50.6	-	49.4
Symptoms, signs, and ill-defined conditions	9,396.4	6,465.8	-	8,073.5
Injury and poisoning	6,076.4	6,660.5	-	6,467.0
Newborn Infant	0.2	0.1	-	0.1
Other healthcare encounters	626.4	735.3	-	691.2
Total	34,322.8	26,767.6	-	31,073.7

*Rate not calculated because population denominator unavailable for this group

Maricopa County 2012 Hospital Discharge Statistics

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

Primary Cause of Injury	Number of Injury Related ED Visits by Race/Ethnicity						Total
	White	Hispanic	Black	American Indian	Asian, Native Hawaiian, or Pac. Islander	Unknown	
Motor Vehicle Traffic	16,708	8,193	3,333	535	709	456	29,934
Firearm	189	191	105	10	2	22	519
Poisoning	5,319	1,875	622	180	77	70	8,143
Fall	54,186	20,736	4,671	1,570	970	871	83,004
Suffocation or Drowning	245	135	32	14	6	5	437
Fire or Burn	2,112	1,335	399	90	69	73	4,078
Cut or Pierce	11,252	5,598	1,331	400	261	170	19,012
Struck By or Against	23,414	12,365	3,790	983	519	441	41,512
Other Causes	16,402	9,729	2,276	691	460	359	29,917
Other Transport	5,503	1,861	381	161	82	70	8,058
Overexertion	14,190	6,337	2,125	486	303	223	23,664
Cause Unknown/Unspecified	13,254	6,250	2,418	667	285	248	23,122
Total	162,774	74,605	21,483	5,787	3,743	3,008	271,400

Maricopa County 2012 Hospital Discharge Statistics

Table 5.18 Number of Injury Related Emergency Department (ED) 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+	Unknown	
Motor Vehicle Traffic	793	898	820	3,693	4,505	6,462	4,650	3,820	2,329	1,161	604	198	1	29,934
Firearm	2	5	6	94	121	128	76	45	27	8	4	3	0	519
Poisoning	1,023	146	157	1,231	918	1,498	1,174	980	543	261	145	67	0	8,143
Fall	13,353	7,628	4,579	4,627	3,815	7,200	6,643	7,581	7,213	6,820	7,166	6,377	2	83,004
Suffocation or Drowning	153	17	18	56	32	54	31	25	19	8	14	10	0	437
Fire or Burn	781	283	152	309	401	709	560	406	262	134	56	25	0	4,078
Cut or Pierce	1,135	1,166	913	2,090	2,482	3,896	2,616	2,105	1,206	844	406	153	0	19,012
Struck By or Against	4,198	4,006	4,118	6,574	4,414	6,763	4,526	3,215	1,696	953	619	429	1	41,512
Other Causes	5,563	3,160	1,639	2,249	2,471	4,261	3,382	3,051	1,843	1,261	740	297	0	29,917
Other Transport	372	840	926	1,004	710	1,101	1,034	1,015	574	293	133	56	0	8,058
Overexertion	931	661	1,338	3,005	2,536	5,094	3,879	2,873	1,622	960	538	227	0	23,664
Cause Unknown/Unspecified	1,417	772	757	2,121	2,530	4,687	3,788	2,936	1,731	1,091	809	483	0	23,122
Total	29,721	19,582	15,423	27,053	24,935	41,853	32,359	28,052	19,065	13,794	11,234	8,325	4	271,400

Maricopa County 2012 Hospital Discharge Statistics

Table 5.19 Number of Injury Related Emergency Department (ED) Visits by Sex

Primary Cause of Injury	Number of Injury Related ED Visits by Sex			Total
	Female	Male	Unknown	
Motor Vehicle Traffic	16,567	13,366	1	29,934
Firearm	91	428	0	519
Poisoning	4,550	3,593	0	8,143
Fall	45,518	37,485	1	83,004
Suffocation or Drowning	195	242	0	437
Fire or Burn	1,967	2,111	0	4,078
Cut or Pierce	7,220	11,792	0	19,012
Struck By or Against	15,834	25,678	0	41,512
Other Causes	14,370	15,547	0	29,917
Other Transport	2,738	5,320	0	8,058
Overexertion	11,655	12,009	0	23,664
Cause Unknown/Unspecified	11,870	11,252	0	23,122
Total	132,575	138,823	2	271,400

VI. Technical Notes

Population Statistics

Population statistics are shown in Tables **1.01** and **1.02**. This report used the 2012 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, 2012, released June 2013. This is at <http://www.census.gov/popest/data/counties/asrh/2012/CC-EST2012-ALLDATA.html>.

The estimates for 2012 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, 2012*. This is located at <http://www.census.gov/popest/methodology/2012-stco-char-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 .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” or “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 2012, three infant death certificates were determined to be fetal death certificates, and therefore were removed from the analyses. The removal of the three records may cause the numbers reported in this report to differ from the numbers reported elsewhere.

In Tables **2.03a** through **2.05b**, unintentional injury deaths can be found by adding two categories – “motor vehicle collisions” and “all other accidents and adverse effects.” 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 **7.2** below.

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 (Cancer)	C00-C97
Malignant Neoplasm of the Stomach	C16
Malignant Neoplasm of the Colon	C18-C21
Malignant Neoplasm of the Pancreas	C25

(Continued)

(Table 6.2, Continued)

Malignant Neoplasm of Bronchus, Lung, or Trachea	C33-C34
Malignant Neoplasm of Skin	C43
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, including chronic liver disease, cirrhosis, alcoholic liver disease, and other chronic liver disease	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 (LBW)	P07

(Continued)

(Table 6.2, Continued)

Congenital Malformations	Q00-Q99
Congenital Malformations of the Circulatory System	Q20-Q28
Chromosomal Abnormalities	Q90-Q99
SIDS (Sudden Infant Death Syndrome)	R95
Ill Defined Disease Conditions (Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified, excluding SIDS)	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 (Excludes drowning involving water transportation)	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 (Excludes accidental overdose of a drug or drugs administered in error)	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

Only the underlying cause of death is used for classification in this report. 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 NCHS in their annual report. A few additional causes of death, like coccidioidomycosis, have been selected due to their importance in Arizona.

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 National Center for Health Statistics (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 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 members 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 **2.05** 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 **2.17**, the leading causes of death by race/ethnicity are shown. The leading causes of death 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 2012, these were 76.3 years for males and 81.1 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 2012, Alzheimer's was the 4th leading cause of death, suicide was the 8th, and homicide was not in the top ten. Based on the YPLL, suicide resulted in the 4th most YPLL, homicide the 7th, 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 **2.09**, **2.10**, and **2.11**. 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 2012*, published by the ADHS at http://www.azdhs.gov/plan/report/ahs/ahs2012/chptr2a_2d.pdf. Figures for the U.S., are from *Deaths: Preliminary Data for 2011*. The Preliminary 2011 data were published in National Vital Statistics Reports, Vol 61, no 6 October 10, 2012. These data can be found at http://www.cdc.gov/nchs/data/nvsr/nvsr61/nvsr61_06.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.

Natality (Birth) Statistics

Natality (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.

Table **3.24** compares natality measures for Maricopa County to Arizona and the U.S. Arizona figures for 2012 can be found in *Arizona Health Status and Vital Statistics 2012*, published by ADHS at http://www.azdhs.gov/plan/report/ahs/ahs2012/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 preliminary for 2011, from the National Center for Health Statistics and can be found in *Deaths: Preliminary Data for 2011*, National Vital Statistics Reports, Vol. 61, no 6, October 10, 2012 at http://www.cdc.gov/nchs/data/nvsr/nvsr61/nvsr61_06.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: Final Data for 2012*, National Vital Statistics Reports, Vol. 62, no 9, December 30, 2013 at http://www.cdc.gov/nchs/data/nvsr/nvsr62/nvsr62_09.pdf. An explanation of unlinked infant mortality data is presented below.

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.

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.

- 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.
- 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 42 days of termination of pregnancy, irrespective of the cause of death.”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 fifteen residents with malaria in 2012. 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 hepatitis C, 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 May 22, 2014.
- STD data were acquired on August 19, 2013.
- Syphilis data were acquired on August 19, 2013.
- HIV/AIDS data for Maricopa County residents were acquired on July 11, 2013.

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

⁵ Ibid.

- HIV/AIDS data for Arizona residents were acquired on July 11, 2013.

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.

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 coccidioidomycosis. 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 2012*, <http://www.azdhs.gov/plan/report/ahs/ahs2012/pdf/5f2.pdf>. The rates for HIV and AIDS for Arizona were provided directly from ADHS on July 11, 2013. These rates can also be found in the *Arizona Annual Report-HIV Epidemiology Program, ADHS: 2012 Incidence Report*, <http://www.azdhs.gov/phs/edc/odis/documents/hiv-epidemiology/2012/2011-incidence-by-county.pdf>. All U.S. rates are for 2011 and may be found in *Morbidity and Mortality Weekly Report Vol. 60 no. 53 July 5, 2013* at <http://www.cdc.gov/mmwr/PDF/wk/mm6053.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/pdfs/HP2020objectives.pdf>.

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. Additionally, there is the probability that one patient may have two or more billing discharges for the same hospital encounter as a result of transfers between facilities and/or transfers between units of the same facility. A person may be included for both an ED visit and an inpatient stay if they are admitted to the hospital as an inpatient from the ED.

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 relate 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 are analyzed. Records without a primary diagnosis code or with an unknown code are 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 (dehydration)	277

(Continued)

(Table 6.3, Continued)

Category of Primary Diagnoses	ICD-9-CM Code
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
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	E810–E819, E989.5, E968.5, E988.5

(Continued)

(Table 6.4 Continued)

Mechanism or cause	ICD-9-CM Codes
(MVT)	
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
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 **2.14**, **3.04**, and **4.16**. A hyphen indicates that no goal has been set for that indicator or the goal is not comparable to Maricopa County data shown. “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.hs.state.az.us
- 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)