

Maricopa County Health Status Report 2011



Reference Tables



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Introduction

This report provides health status information for the year 2011 for residents of Maricopa County, Arizona. It includes data for mortality (death), communicable diseases, and natality (birth), 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: 5,648 residents of Maricopa County died due to cancer in 2011.*
 - Communicable Disease Example: 698 residents of Maricopa County were diagnosed with a confirmed or probable case of Pertussis in 2011.
 - Natality (Birth) Example: There were 658 infants born with a very low birthweight (less than 1500 grams) in 2011.

- Rate or percentage of cases in the county
 - Mortality Disease Example: For every 100,000 residents of Maricopa County, 145.6 died due to cancer in 2011.*
 - Communicable Disease Example: For every 100,000 residents of Maricopa County, 18.0 were diagnosed with Pertussis in 2011.
 - Natality (Birth) Example: Among all live births in 2011, 1.2% were born with a very low birthweight.

Information on data sources and methodology are in Section III – 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 2011 Population Statistics

Maricopa County 2011 Population Statistics

Table 1.01 Population By Race/Ethnicity, Age, and Sex, 2011

Age by Sex

Age	Males		Females		Total	
	No.	%	No.	%	No.	%
0-4	142,451	7.4%	136,523	7.0%	278,974	7.2%
5-9	143,852	7.5%	138,011	7.0%	281,863	7.3%
10-14	143,262	7.5%	137,444	7.0%	280,706	7.2%
15-19	140,056	7.3%	131,119	6.7%	271,175	7.0%
20-24	143,255	7.5%	135,231	6.9%	278,486	7.2%
25-34	279,501	14.6%	272,190	13.9%	551,691	14.2%
35-44	263,992	13.7%	262,571	13.4%	526,563	13.6%
45-54	251,053	13.1%	257,937	13.2%	508,990	13.1%
55-64	197,641	10.3%	220,140	11.2%	417,781	10.8%
65-74	125,418	6.5%	143,259	7.3%	268,677	6.9%
75-84	67,775	3.5%	84,888	4.3%	152,663	3.9%
85+	22,519	1.2%	40,156	2.0%	62,675	1.6%
Total	1,920,775		1,959,469		3,880,244	

Race/Ethnicity by Sex

Race/Ethnicity	Males		Females	
	No.	%	No.	%
White	1,110,778	57.8%	1,149,908	58.7%
Hispanic	586,430	30.5%	576,166	29.4%
African American	92,624	4.8%	89,947	4.6%
American Indian	29,085	1.5%	33,061	1.7%
Asian	67,035	3.5%	74,588	3.8%
Multiple Races	34,823	1.8%	35,799	1.8%
Total	1,920,775		1,959,469	

Age by Race/Ethnicity

Age	White		Hispanic		African American		American Indian		Asian		Multiple Races		Total No.
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
0-4	111,113	4.9%	127,594	11.0%	14,020	7.7%	5,306	8.5%	9,500	6.7%	11,441	16.2%	278,974
5-9	118,491	5.2%	124,219	10.7%	14,102	7.7%	5,177	8.3%	9,740	6.9%	10,134	14.3%	281,863
10-14	124,660	5.5%	118,461	10.2%	14,584	8.0%	5,039	8.1%	8,955	6.3%	9,007	12.8%	280,706
15-19	123,068	5.4%	111,539	9.6%	15,642	8.6%	5,192	8.4%	8,241	5.8%	7,493	10.6%	271,175
20-24	137,437	6.1%	102,888	8.8%	16,190	8.9%	6,916	11.1%	9,155	6.5%	5,900	8.4%	278,486
25-34	287,341	12.7%	188,642	16.2%	28,149	15.4%	11,533	18.6%	26,403	18.6%	9,623	13.6%	551,691
35-44	293,572	13.0%	164,554	14.2%	26,241	14.4%	8,640	13.9%	26,826	18.9%	6,730	9.5%	526,563
45-54	339,296	15.0%	114,454	9.8%	24,444	13.4%	7,330	11.8%	18,624	13.2%	4,842	6.9%	508,990
55-64	317,568	14.0%	63,234	5.4%	16,537	9.1%	4,302	6.9%	13,092	9.2%	3,048	4.3%	417,781
65-74	220,374	9.7%	29,777	2.6%	7,960	4.4%	1,852	3.0%	7,185	5.1%	1,529	2.2%	268,677
75-84	131,383	5.8%	13,307	1.1%	3,594	2.0%	639	1.0%	3,070	2.2%	670	0.9%	152,663
85+	56,383	2.5%	3,927	0.3%	1,108	0.6%	220	0.4%	832	0.6%	205	0.3%	62,675
Total	2,260,686		1,162,596		182,571		62,146		141,623		70,622		3,880,244

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2011.

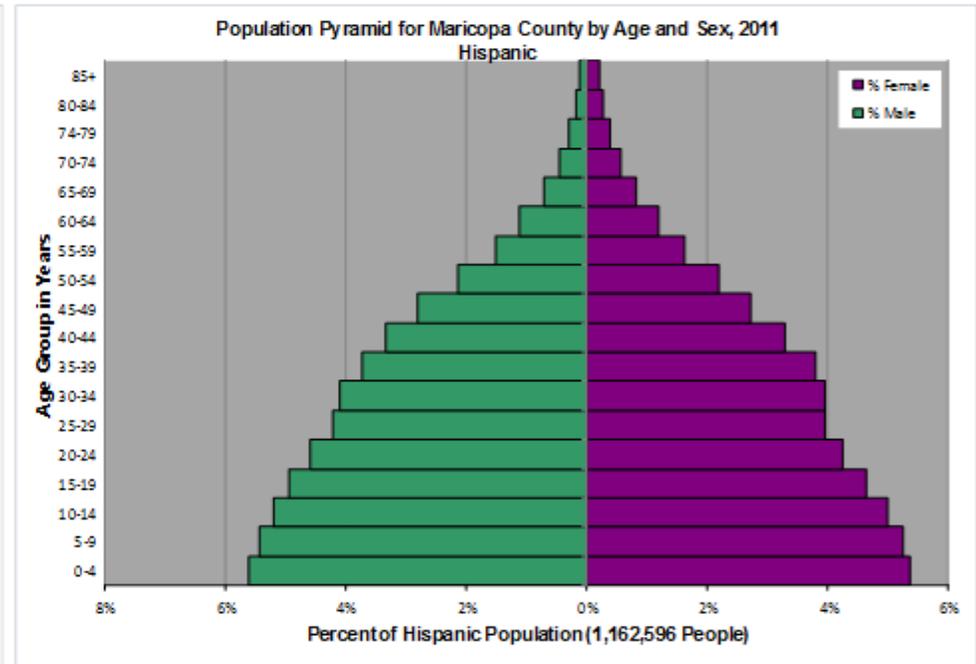
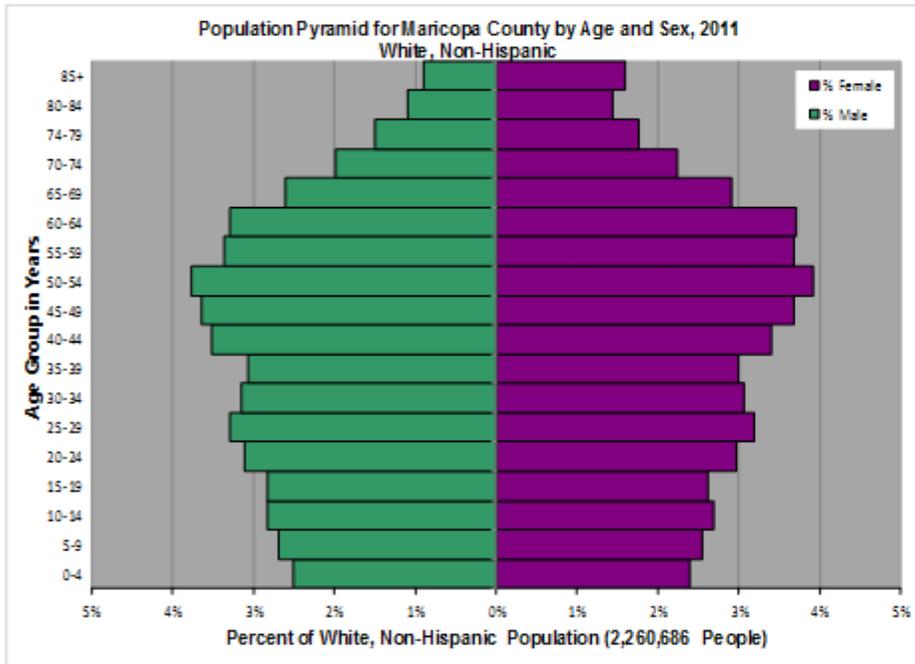
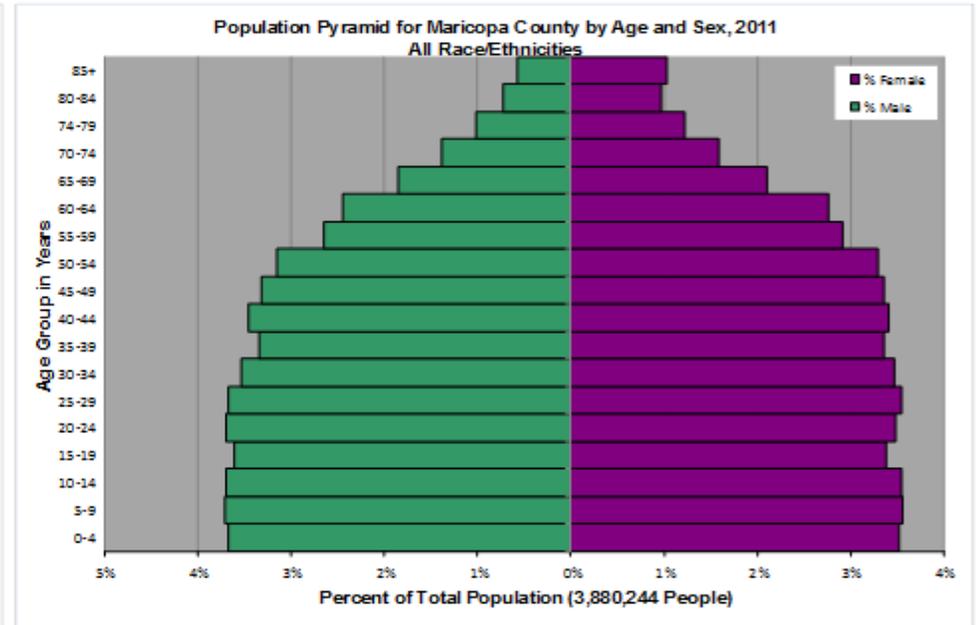
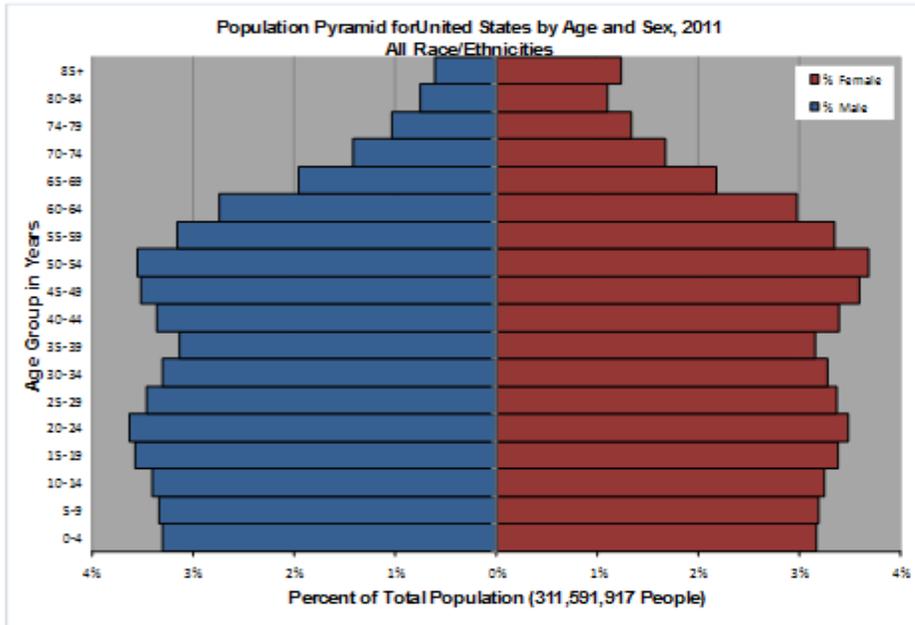
Maricopa County 2011 Population Statistics

Table 1.02 Population Estimates by Sex, Age, and Race/Ethnicity, 2011

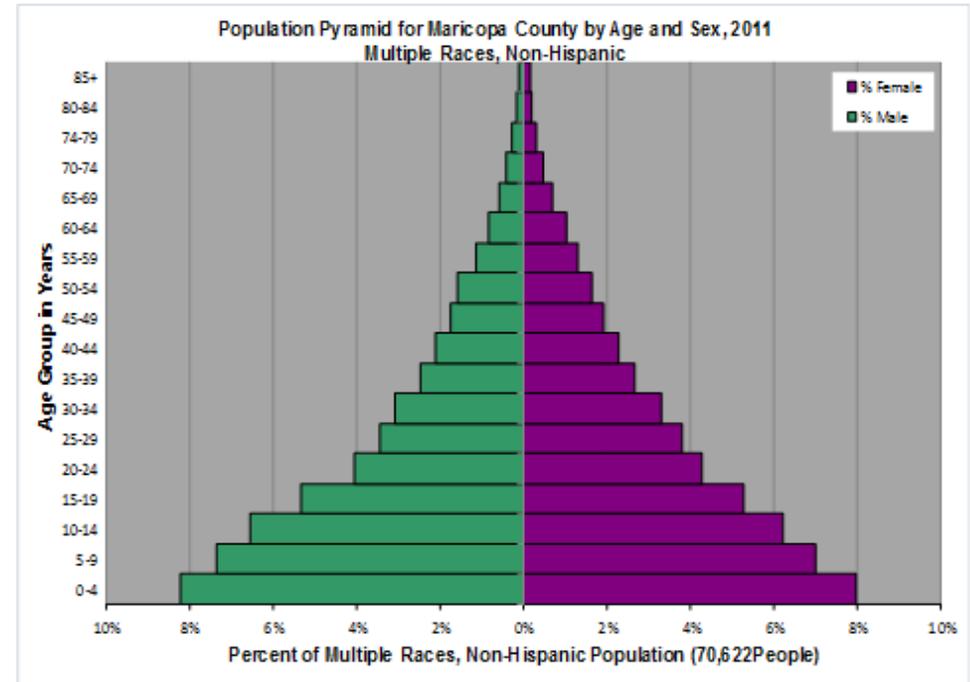
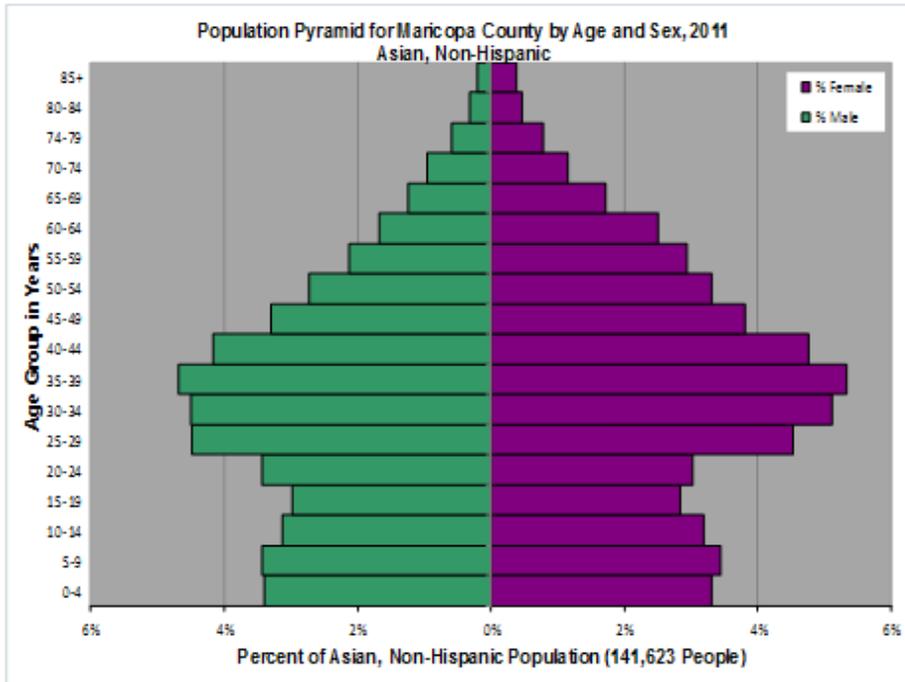
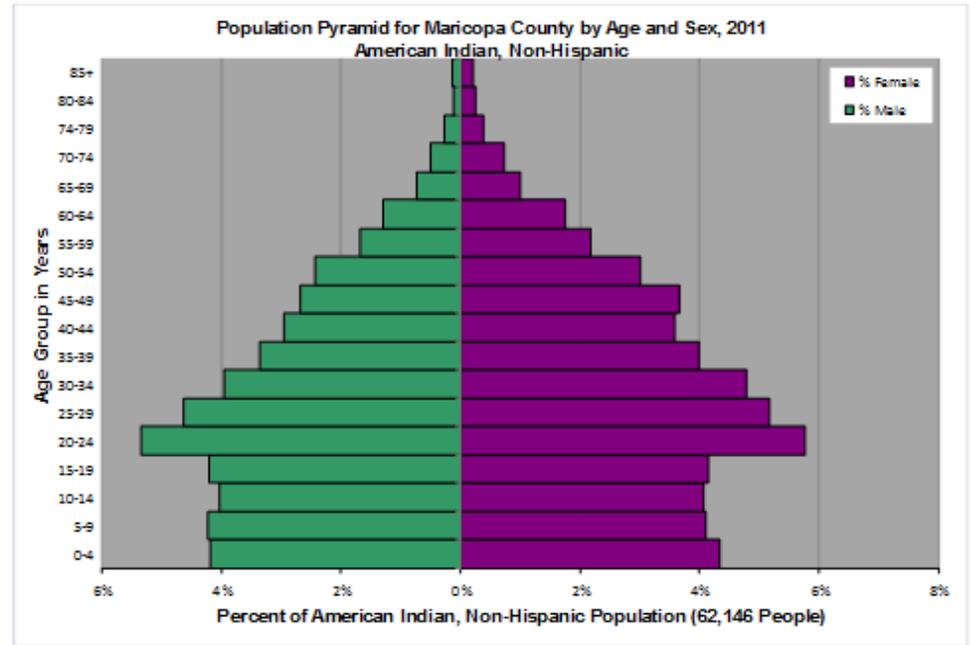
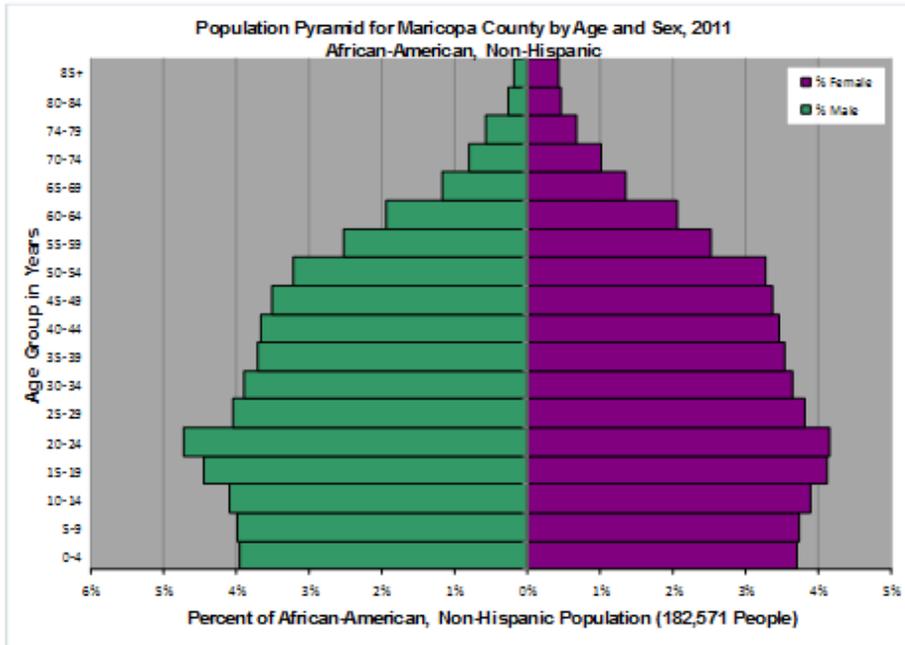
Females Age	White		Hispanic		African American		American Indian		Asian		Multiple		Total
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.
0-4	54,302	4.7%	62,414	10.8%	6,785	7.5%	2,703	8.2%	4,687	6.3%	5,632	15.7%	136,523
5-9	57,737	5.0%	61,058	10.6%	6,827	7.6%	2,550	7.7%	4,888	6.6%	4,951	13.8%	138,011
10-14	60,813	5.3%	58,081	10.1%	7,114	7.9%	2,527	7.6%	4,516	6.1%	4,393	12.3%	137,444
15-19	59,149	5.1%	54,126	9.4%	7,517	8.4%	2,573	7.8%	4,023	5.4%	3,731	10.4%	131,119
20-24	67,165	5.8%	49,578	8.6%	7,573	8.4%	3,587	10.8%	4,293	5.8%	3,035	8.5%	135,231
25-29	72,307	6.3%	45,954	8.0%	6,958	7.7%	3,217	9.7%	6,424	8.6%	2,691	7.5%	137,551
30-34	69,449	6.0%	45,971	8.0%	6,667	7.4%	2,972	9.0%	7,240	9.7%	2,340	6.5%	134,639
35-39	67,668	5.9%	44,174	7.7%	6,449	7.2%	2,485	7.5%	7,559	10.1%	1,894	5.3%	130,229
40-44	77,029	6.7%	38,398	6.7%	6,331	7.0%	2,227	6.7%	6,743	9.0%	1,614	4.5%	132,342
45-49	83,327	7.2%	31,673	5.5%	6,157	6.8%	2,276	6.9%	5,398	7.2%	1,352	3.8%	130,183
50-54	88,567	7.7%	25,469	4.4%	5,998	6.7%	1,873	5.7%	4,687	6.3%	1,160	3.2%	127,754
55-59	83,257	7.2%	18,824	3.3%	4,621	5.1%	1,360	4.1%	4,167	5.6%	926	2.6%	113,155
60-64	83,830	7.3%	14,008	2.4%	3,752	4.2%	1,096	3.3%	3,560	4.8%	739	2.1%	106,985
65-69	65,997	5.7%	9,636	1.7%	2,483	2.8%	627	1.9%	2,438	3.3%	504	1.4%	81,685
70-74	50,722	4.4%	6,554	1.1%	1,863	2.1%	457	1.4%	1,639	2.2%	339	0.9%	61,574
75+	108,589	9.4%	10,248	1.8%	2,852	3.2%	531	1.6%	2,326	3.1%	498	1.4%	125,044
Total	1,149,908		576,166		89,947		33,061		74,588		35,799		1,959,469
Males													
0-4	56,811	5.1%	65,180	11.1%	7,235	7.8%	2,603	8.9%	4,813	7.2%	5,809	16.7%	142,451
5-9	60,754	5.5%	63,161	10.8%	7,275	7.9%	2,627	9.0%	4,852	7.2%	5,183	14.9%	143,852
10-14	63,847	5.7%	60,380	10.3%	7,470	8.1%	2,512	8.6%	4,439	6.6%	4,614	13.2%	143,262
15-19	63,919	5.8%	57,413	9.8%	8,125	8.8%	2,619	9.0%	4,218	6.3%	3,762	10.8%	140,056
20-24	70,272	6.3%	53,310	9.1%	8,617	9.3%	3,329	11.4%	4,862	7.3%	2,865	8.2%	143,255
25-29	74,450	6.7%	49,081	8.4%	7,403	8.0%	2,881	9.9%	6,363	9.5%	2,427	7.0%	142,605
30-34	71,135	6.4%	47,636	8.1%	7,121	7.7%	2,463	8.5%	6,376	9.5%	2,165	6.2%	136,896
35-39	69,423	6.2%	43,271	7.4%	6,761	7.3%	2,088	7.2%	6,628	9.9%	1,734	5.0%	129,905
40-44	79,452	7.2%	38,711	6.6%	6,700	7.2%	1,840	6.3%	5,896	8.8%	1,488	4.3%	134,087
45-49	82,339	7.4%	32,529	5.5%	6,407	6.9%	1,664	5.7%	4,671	7.0%	1,227	3.5%	128,837
50-54	85,063	7.7%	24,783	4.2%	5,882	6.4%	1,517	5.2%	3,868	5.8%	1,103	3.2%	122,216
55-59	75,994	6.8%	17,497	3.0%	4,616	5.0%	1,041	3.6%	3,003	4.5%	801	2.3%	102,952
60-64	74,487	6.7%	12,905	2.2%	3,548	3.8%	805	2.8%	2,362	3.5%	582	1.7%	94,689
65-69	58,780	5.3%	8,273	1.4%	2,142	2.3%	453	1.6%	1,761	2.6%	403	1.2%	71,812
70-74	44,875	4.0%	5,314	0.9%	1,472	1.6%	315	1.1%	1,347	2.0%	283	0.8%	53,606
75+	79,177	7.1%	6,986	1.2%	1,850	2.0%	328	1.1%	1,576	2.4%	377	1.1%	90,294
Total	1,110,778		586,430		92,624		29,085		67,035		34,823		1,920,775

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2011.

Maricopa County 2011 Population Statistics



Maricopa County 2011 Population Statistics



II. Maricopa County 2011 Mortality (Death) Statistics

Maricopa County 2011 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	Black	American Indian	Asian	Multiple	Other/Unknown	
<1	104	149	27	7	10	10	1	308
1-4	21	26	11	1	1	2	0	62
5-9	9	9	2	1	0	2	0	23
10-14	20	16	3	1	1	1	0	42
15-19	61	46	8	3	2	0	0	120
20-24	137	75	19	5	3	4	0	243
25-34	274	144	38	22	6	10	2	496
35-44	474	190	54	37	17	13	4	789
45-54	1,239	324	120	39	33	14	5	1,774
55-64	2,348	384	195	54	57	17	7	3,062
65-74	3,379	413	191	52	59	27	14	4,135
75-84	5,485	525	168	13	102	39	14	6,346
85+	7,328	436	162	20	81	29	8	8,064
Total	20,879	2,737	998	255	372	168	55	25,464

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	Black	American Indian	Asian	Multiple	Other/Unknown	
0-4	112.5	137.2	271.0	150.8	115.8	104.9	-	132.6
5-9	7.6	7.2	14.2	19.3	0	19.7	-	8.2
10-14	16.0	13.5	20.6	19.8	11.2	11.1	-	15.0
15-19	49.6	41.2	51.1	57.8	24.3	0	-	44.3
20-24	99.7	72.9	117.4	72.3	32.8	67.8	-	87.3
25-34	95.4	76.3	135.0	190.8	22.7	103.9	-	89.9
35-44	161.5	115.5	205.8	428.2	63.4	193.2	-	149.8
45-54	365.2	283.1	490.9	532.1	177.2	289.1	-	348.5
55-64	739.4	607.3	1,179.2	1,255.2	435.4	557.7	-	732.9
65-74	1,533.3	1,387.0	2,399.5	2,807.8	821.2	1,765.9	-	1,539.0
75-84	4,174.8	3,945.3	4,674.5	2,034.4	3,322.5	5,820.9	-	4,156.9
85+	12,996.8	11,102.6	14,620.9	9,090.9	9,735.6	14,146.3	-	12,866.4
Total	923.6	235.4	546.6	410.3	262.7	237.9	-	656.2

**Maricopa County 2011 Mortality (Death) Statistics
Table 2.02a Number of Deaths by Age Group and Sex**

Age Group	Number of Death by Gender			Total
	Male	Female	Unknown	
<1	174	134	0	308
1-4	43	19	0	62
5-9	13	10	0	23
10-14	25	17	0	42
15-19	85	35	0	120
20-24	191	52	0	243
25-34	350	146	0	496
35-44	480	309	0	789
45-54	1,084	690	0	1,774
55-64	1,817	1,245	0	3,062
65-74	2,371	1,764	0	4,135
75-84	3,211	3,135	0	6,346
85+	3,045	5,018	1	8,064
Total	12,889	12,574	1	25,464

**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	Unknown	Total
<1	152.3	112.1	-	133.3
5-9	9.0	7.2	-	8.2
10-14	17.5	12.4	-	15.0
15-19	60.7	26.7	-	44.3
20-24	133.3	38.5	-	87.3
25-34	125.2	53.6	-	89.9
35-44	181.8	117.7	-	149.8
45-54	431.8	267.5	-	348.5
55-64	919.3	565.5	-	732.9
65-74	1,890.5	1,231.3	-	1,539.0
75-84	4,737.7	3,693.1	-	4,156.9
85+	13,521.9	12,496.3	-	12,866.4
Total	671.0	641.7	-	656.3

Maricopa County 2011 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	Black	American Indian.	Asian	Multiple		Other/Unknown
Infectious Diseases		Tuberculosis	2	1	1	2	1	0	0	7
		Syphilis	0	1	0	0	0	0	0	1
		HIV	29	16	10	4	1	0	0	60
Cancer		Stomach	70	28	7	1	9	1	0	116
		Colon	393	56	23	8	11	3	0	494
		Pancreas	331	36	15	2	9	1	0	394
		Lung	1,246	78	49	4	18	13	1	1,409
		Breast	355	33	19	1	7	6	1	422
		Uterine	235	38	12	5	7	1	0	298
		Prostate	259	23	6	1	2	1	2	294
		Urinary	263	28	9	4	2	0	1	307
		Lymphoma	176	24	7	0	3	3	1	214
		Leukemia	183	25	5	1	5	2	0	221
		Other Cancer	1,190	185	60	8	26	9	1	1,479
	All	4,701	554	212	35	99	40	7	5,648	
Diabetes and Alzheimer's		Diabetes	684	173	75	37	23	6	2	1,000
		Alzheimer's	1,540	111	47	7	17	10	0	1,732
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	360	29	25	0	5	3	1	423
		Ischemic Heart Disease	3,544	358	143	16	48	17	19	4,145
		Other Heart Disease	671	64	33	4	14	4	0	790
		All	4,575	451	201	20	67	24	20	5,358
	Other Cardiovascular	Primary Hypertension	405	46	40	4	7	2	1	505
		Cerebrovascular	877	117	56	4	25	5	2	1,086
		Atherosclerosis	57	3	1	1	0	0	0	62
		Other Circulatory	141	22	8	0	5	2	0	178
	All	1,480	188	105	9	37	9	3	1,831	
Other Respiratory		Influenza & Pneumonia	191	30	7	2	3	0	1	234
		Chronic Lower Respiratory	1,581	59	36	7	12	10	5	1,710
GI & Urinary		Peptic Ulcer	30	3	1	1	0	0	0	35
		Liver Disease	296	95	9	22	4	1	1	428
		Nephritis	71	12	4	2	5	0	0	94
Pregnancy & Early Life		Pregnancy	1	2	0	0	0	0	0	3
		Perinatal Conditions	52	69	14	2	8	5	0	150
		Congenital Malformations	58	48	9	1	3	1	0	120
		SIDS	5	9	2	0	0	1	0	17
Other Diseases		Symptoms, Signs	690	68	26	7	9	5	4	809
		Other Diseases	3,051	390	124	36	47	34	5	3,687
External Causes		Motor Vehicle Collisions	212	88	23	22	9	3	1	358
		All Other Accidents	1,009	199	45	27	13	8	3	1,304
		Suicide	488	69	11	5	8	6	2	589
		Homicide	67	85	34	7	5	3	1	202
		Other External Causes	66	16	2	0	1	2	0	87
		All	1,842	457	115	61	36	22	7	2,540
Total			20,879	2,737	998	255	372	168	55	25,464

Maricopa County 2011 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							Total
			White	Hispanic	Black	American Indian	Asian	Multiple	Other/Unknown	
Infectious Diseases		Tuberculosis	0.1	0.1	0.5	3.2	0.7	0	-	0.2
		Syphilis	0	0.1	0	0	0	0	-	0.0
		HIV	1.3	1.4	5.5	6.4	0.7	0	-	1.5
Cancer		Stomach	3.1	2.4	3.8	1.6	6.4	1.4	-	3.0
		Colon	17.4	4.8	12.6	12.9	7.8	4.2	-	12.7
		Pancreas	14.6	3.1	8.2	3.2	6.4	1.4	-	10.2
		Lung	55.1	6.7	26.8	6.4	12.7	18.4	-	36.3
		Breast	15.7	2.8	10.4	1.6	4.9	8.5	-	10.9
		Uterine & Ovarian ¹	20.4	6.6	13.3	15.1	9.4	2.8	-	15.2
		Prostate ¹	23.3	3.9	6.5	3.4	3.0	2.9	-	15.3
		Urinary	11.6	2.4	4.9	6.4	1.4	0	-	7.9
		Lymphoma	7.8	2.1	3.8	0	2.1	4.2	-	5.5
		Leukemia	8.1	2.2	2.7	1.6	3.5	2.8	-	5.7
		Other Cancer	52.6	15.9	32.9	12.9	18.4	12.7	-	38.1
		All Cancer	207.9	47.7	116.1	56.3	69.9	56.6	-	145.6
Diabetes and Alzheimer's		Diabetes	30.3	14.9	41.1	59.5	16.2	8.5	-	25.8
		Alzheimer's	68.1	9.5	25.7	11.3	12.0	14.2	-	44.6
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	15.9	2.5	13.7	0	3.5	4.2	-	10.9
		Ischemic Heart Disease	156.8	30.8	78.3	25.7	33.9	24.1	-	106.8
		Other Heart Disease	29.7	5.5	18.1	6.4	9.9	5.7	-	20.4
		All Heart Disease	202.4	38.8	110.1	32.2	47.3	34.0	-	138.1
	Other Cardiovascular	Primary Hypertension	17.9	4.0	21.9	6.4	4.9	2.8	-	13.0
		Cerebrovascular	38.8	10.1	30.7	6.4	17.7	7.1	-	28.0
		Atherosclerosis	2.5	0.3	0.5	1.6	0	0	-	1.6
		Other Circulatory	6.2	1.9	4.4	0	3.5	2.8	-	4.6
	All Other Cardiovascular	65.5	16.2	57.5	14.5	26.1	12.7	-	47.2	
Other Respiratory		Influenza & Pneumonia	8.4	2.6	3.8	3.2	2.1	0	-	6.0
		Chronic Lower Respiratory	69.9	5.1	19.7	11.3	8.5	14.2	-	44.1
GI & Urinary		Peptic Ulcer	1.3	0.3	0.5	1.6	0	0	-	0.9
		Liver Disease	13.1	8.2	4.9	35.4	2.8	1.4	-	11.0
		Nephritis	3.1	1.0	2.2	3.2	3.5	0	-	2.4
Pregnancy & Early Life		Pregnancy ¹	0.1	0.3	0	0	0	0	-	0.2
		Perinatal Conditions	2.3	5.9	7.7	3.2	5.6	7.1	-	3.9
		Congenital Malformations	2.6	4.1	4.9	1.6	2.1	1.4	-	3.1
		SIDS ²	0.2	0.4	0.6	0	0	-	-	0.3
Other Diseases		Symptoms, Signs	30.5	5.8	14.2	11.3	6.4	7.1	-	20.8
		Other Diseases	135.0	33.5	67.9	57.9	33.2	48.1	-	95.0
External Causes		Motor Vehicle Collisions	9.4	7.6	12.6	35.4	6.4	4.2	-	9.2
		All Other Accidents	44.6	17.1	24.6	43.4	9.2	11.3	-	33.6
		Suicide	21.6	5.9	6.0	8.0	5.6	8.5	-	15.2
		Homicide	3.0	7.3	18.6	11.3	3.5	4.2	-	5.2
		Other External Causes	2.9	1.4	1.1	0	0.7	2.8	-	2.2
		All External causes	81.5	39.3	63.0	98.2	25.4	31.2	-	65.5
Total			923.6	235.4	546.6	410.3	262.7	237.9	-	656.2

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 2011 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	1	0	1	2	2	1	7	
	Syphilis	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
	HIV	0	0	0	0	0	1	5	14	24	9	6	1	0	60	
Cancer	Stomach	0	0	0	0	0	0	1	6	15	20	26	31	17	116	
	Colon	0	0	0	0	0	0	1	17	52	84	105	131	104	494	
	Pancreas	0	0	0	0	0	0	0	8	28	71	109	120	58	394	
	Lung	0	0	0	0	0	3	0	14	77	246	445	453	171	1,409	
	Breast	0	0	0	0	0	0	8	13	65	91	84	90	71	422	
	Uterine & Ovarian	0	0	0	0	0	0	4	16	29	69	63	74	43	298	
	Prostate	0	0	0	0	0	0	0	3	4	27	67	97	96	294	
	Urinary	0	0	1	0	0	0	1	3	15	48	80	92	67	307	
	Lymphoma	0	1	0	0	0	0	3	3	12	26	43	70	56	214	
	Leukemia	0	0	2	2	1	2	8	9	15	29	44	70	39	221	
	Other	1	3	3	7	5	7	8	40	151	319	363	356	216	1,479	
	All Cancer	1	4	6	9	6	12	34	132	463	1,030	1,429	1,584	938	5,648	
Diabetes and Alzheimer's	Diabetes	0	0	0	0	2	1	10	28	83	179	234	250	213	1,000	
	Alzheimer's	0	0	0	0	0	0	0	0	0	19	81	491	1,141	1,732	
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Dis.	0	0	0	0	0	1	2	9	31	48	45	79	208	423
		Ischemic Heart Disease	0	0	0	0	0	1	15	70	188	491	672	1,094	1,614	4,145
		Other Heart Disease	6	1	0	0	1	3	11	19	37	74	84	189	365	790
		All Heart Disease	6	1	0	0	1	5	28	98	256	613	801	1,362	2,187	5,358
	Other Cardiovascular	Primary Hypertension	0	0	0	0	0	0	0	4	21	34	71	152	223	505
		Cerebrovascular	5	1	1	1	0	0	5	15	42	77	158	316	465	1,086
		Atherosclerosis	0	0	0	0	0	0	0	0	4	1	11	19	27	62
		Other Circulatory	0	0	0	0	1	1	0	3	8	21	34	44	66	178
All Other Cardiovascular	5	1	1	1	1	1	5	22	75	133	274	531	781	1,831		

(Continued)

Maricopa County 2011 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	4	2	1	1	1	0	3	4	14	12	29	63	100	234
	Chronic Lower Respiratory	1	1	1	2	0	0	5	6	38	149	401	617	489	1,710
GI & Urinary	Peptic Ulcer	0	0	0	0	0	0	0	0	1	4	5	8	17	35
	Liver Disease	0	0	0	0	0	0	9	35	100	147	73	49	15	428
	Nephritis	0	1	0	0	0	0	0	1	3	7	19	26	37	94
Pregnancy & Early Life	Pregnancy	0	0	0	0	0	1	0	2	0	0	0	0	0	3
	Perinatal Conditions	148	0	1	1	0	0	0	0	0	0	0	0	0	150
	Congenital Malformations	63	5	1	3	2	1	10	6	3	7	8	6	5	120
	SIDS	17	0	0	0	0	0	0	0	0	0	0	0	0	17
Other Diseases	Symptoms, Signs	21	3	1	1	3	15	12	18	32	25	46	160	472	809
	Other Diseases	19	10	3	8	10	14	41	106	272	409	551	935	1,309	3,687
External Causes	Motor Vehicle Collisions	2	5	1	5	23	38	61	58	49	46	27	29	14	358
	All Other Accidents	17	19	5	4	27	70	113	118	171	148	99	192	321	1,304
	Suicide	0	0	1	6	26	49	93	95	134	99	37	30	19	589
	Homicide	1	9	0	1	14	31	58	32	31	16	2	4	3	202
	Other External Causes	3	1	1	0	4	4	9	13	25	9	10	6	2	87
	All External Causes	23	34	8	16	94	192	334	316	410	318	175	261	359	2,540
Total		308	62	23	42	120	243	496	789	1,774	3,062	4,135	6,346	8,064	25,467

Maricopa County 2011 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	0.2	0	0.2	0.7	1.3	1.6	0.2	
	Syphilis	0	0	0	0	0	0	0	0	0	0.4	0	0	0.0	
	HIV	0	0	0	0	0.4	0.9	2.7	4.7	2.2	2.2	0.7	0	1.5	
Cancer	Stomach	0	0	0	0	0	0.2	1.1	2.9	4.8	9.7	20.3	27.1	3.0	
	Colon	0	0	0	0	0	0.2	3.2	10.2	20.1	39.1	85.8	165.9	12.7	
	Pancreas	0	0	0	0	0	0	1.5	5.5	17.0	40.6	78.6	92.5	10.2	
	Lung	0	0	0	0	1.1	0	2.7	15.1	58.9	165.6	296.7	272.8	36.3	
	Breast	0	0	0	0	0	1.5	2.5	12.8	21.8	31.3	59.0	113.3	10.9	
	Uterine & Ovarian	0	0	0	0	0	1.5	6.1	11.2	31.3	44.0	87.2	107.1	15.2	
	Prostate	0	0	0	0	0	0	1.1	1.6	13.7	53.4	143.1	426.3	15.3	
	Urinary	0	0.4	0	0	0	0.2	0.6	2.9	11.5	29.8	60.3	106.9	7.9	
	Lymphoma	0.4	0	0	0	0	0.5	0.6	2.4	6.2	16.0	45.9	89.3	5.5	
	Leukemia	0	0.7	0.7	0.4	0.7	1.5	1.7	2.9	6.9	16.4	45.9	62.2	5.7	
	Other Cancer	1.4	1.1	2.5	1.8	2.5	1.5	7.6	29.7	76.4	135.1	233.2	344.6	38.1	
All Cancer	1.8	2.1	3.2	2.2	4.3	6.2	25.1	91.0	246.5	531.9	1,037.6	1,496.6	145.6		
Diabetes and Alzheimer's	Diabetes	0	0	0	0.7	0.4	1.8	5.3	16.3	42.8	87.1	163.8	339.8	25.8	
	Alzheimer's	0	0	0	0	0	0	0	0	4.5	30.1	321.6	1,820.5	44.6	
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	0	0	0	0	0.4	0.4	1.7	6.1	11.5	16.7	51.7	331.9	10.9
		Ischemic Heart Disease	0	0	0	0	0.4	2.7	13.3	36.9	117.5	250.1	716.6	2,575.2	106.8
		Other Heart Disease	2.5	0	0	0.4	1.1	2.0	3.6	7.3	17.7	31.3	123.8	582.4	20.4
		All Heart Disease	2.5	0	0	0.4	1.8	5.1	18.6	50.3	146.7	298.1	892.2	3,489.4	138.1
	Other Cardiovascular	Primary Hypertension	0	0	0	0	0	0	0.8	4.1	8.1	26.4	99.6	355.8	13.0
		Cerebrovascular	2.2	0.4	0.4	0	0	0.9	2.8	8.3	18.4	58.8	207.0	741.9	28.0
		Atherosclerosis	0	0	0	0	0	0	0	0.8	0.2	4.1	12.4	43.1	1.6
		Other Circulatory	0	0	0	0.4	0.4	0	0.6	1.6	5.0	12.7	28.8	105.3	4.6
All Other Cardiovascular	2.2	0.4	0.4	0.4	0.4	0.9	4.2	14.7	31.8	102.0	347.8	1,246.1	47.2		

(Continued)
(Table 2.04b Continued)

Maricopa County 2011 Mortality (Death) Statistics

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	2.2	0.4	0.4	0.4	0	0.5	0.8	2.8	2.9	10.8	41.3	159.6	6.0
	Chronic Lower Respiratory	0.7	0.4	0.7	0	0	0.9	1.1	7.5	35.7	149.2	404.2	780.2	44.1
GI & Urinary	Peptic Ulcer	0	0	0	0	0	0	0	0.2	1.0	1.9	5.2	27.1	0.9
	Liver Disease	0	0	0	0	0	1.6	6.6	19.6	35.2	27.2	32.1	23.9	11.0
	Nephritis	0.4	0	0	0	0	0	0.2	0.6	1.7	7.1	17.0	59.0	2.4
Pregnancy & Early Life	Pregnancy	0	0	0	0	0.7	0	0.8	0	0	0	0	0	0.2
	Perinatal Conditions	53.1	0.4	0.4	0	0	0	0	0	0	0	0	0	3.9
	Congenital Malformations	24.4	0.4	1.1	0.7	0.4	1.8	1.1	0.6	1.7	3.0	3.9	8.0	3.1
	SIDS	0.3	0	0	0	0	0	0	0	0	0	0	0	0.3
Other Diseases	Symptoms, Signs	8.6	0.4	0.4	1.1	5.4	2.2	3.4	6.3	6.0	17.1	104.8	753.1	20.8
	Other Diseases	10.4	1.1	2.8	3.7	5.0	7.4	20.1	53.4	97.9	205.1	612.5	2,088.6	95.0
External Causes	Motor Vehicle Collisions	2.5	0.4	1.8	8.5	13.6	11.1	11.0	9.6	11.0	10.0	19.0	22.3	9.2
	All Other Accidents	12.9	1.8	1.4	10.0	25.1	20.5	22.4	33.6	35.4	36.8	125.8	512.2	33.6
	Suicide	0	0.4	2.1	9.6	17.6	16.9	18.0	26.3	23.7	13.8	19.7	30.3	15.2
	Homicide	3.6	0	0.4	5.2	11.1	10.5	6.1	6.1	3.8	0.7	2.6	4.8	5.2
	Other External Causes	1.4	0.4	0	1.5	1.4	1.6	2.5	4.9	2.2	3.7	3.9	3.2	2.2
	All External Causes	20.4	2.8	5.7	34.7	68.9	60.5	60.0	80.6	76.1	65.1	171.0	572.8	65.5
Total		132.6	8.2	15.0	44.3	87.3	89.9	149.8	348.5	732.9	1,539.0	4,156.9	12,866.4	656.2

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.

Maricopa County 2011 Mortality (Death) Statistics

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

Cause		Number of Deaths by Gender			Total	
		Male	Female	Unknown		
Infectious Diseases	Tuberculosis	3	4	0	7	
	Syphilis	1	0	0	1	
	HIV	52	8	0	60	
Cancer	Stomach	72	44	0	116	
	Colon	236	258	0	494	
	Pancreas	191	203	0	394	
	Lung	759	650	0	1,409	
	Breast	1	421	0	422	
	Uterine & Ovarian	0	298	0	298	
	Prostate	294	0	0	294	
	Urinary	206	100	1	307	
	Lymphoma	113	101	0	214	
	Leukemia	130	91	0	221	
	Other Cancer	882	597	0	1,479	
	All Cancer	2,884	2,763	1	5,648	
	Diabetes and Alzheimer's	Diabetes	546	454	0	1,000
Alzheimer's		581	1,151	0	1,732	
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	179	244	0	423
		Ischemic Heart Disease	2,394	1,751	0	4,145
		Other Heart Disease	341	449	0	790
		All Heart Disease	2,914	2,444	0	5,358
	Other Cardiovascular	Primary Hypertension	207	298	0	505
		Cerebrovascular	414	672	0	1,086
		Atherosclerosis	30	32	0	62
		Other Circulatory	87	91	0	178
		All Other Cardiovascular	738	1,093	0	1,831
Other Respiratory Diseases	Influenza & Pneumonia	107	127	0	234	
	Chronic Lower Respiratory	783	927	0	1,710	
GI & Urinary	Peptic Ulcer	17	18	0	35	
	Liver Disease	277	151	0	428	
	Nephritis	53	41	0	94	
Pregnancy & Early Life	Pregnancy	0	3	0	3	
	Perinatal Conditions	86	64	0	150	
	Congenital Malformations	61	59	0	120	
	SIDS	11	6	0	17	
Other Diseases	Symptoms, Signs	317	492	0	809	
	Other Diseases	1,813	1,874	0	3,687	
External Causes	Motor Vehicle Collisions	250	108	0	358	
	All Other Accidents	734	570	0	1,304	
	Suicide	456	133	0	589	
	Homicide	154	48	0	202	
	Other External Causes	51	36	0	87	
	All External causes	1,645	895	0	2,540	
Total		12,889	12,574	1	25,464	

Maricopa County 2011 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			Total	
		Male	Female	Unknown		
Infectious Diseases	Tuberculosis	0.2	0.2	-	0.2	
	Syphilis	0.1	0	-	0.0	
	HIV	2.7	0.4	-	1.5	
Cancer	Stomach	3.7	2.2	-	3.0	
	Colon	12.3	13.2	-	12.7	
	Pancreas	9.9	10.4	-	10.2	
	Lung	39.5	33.2	-	36.3	
	Breast	0.1	21.5	-	10.9	
	Uterine & Ovarian ¹	0	15.2	-	15.2	
	Prostate ¹	15.3	0	-	15.3	
	Urinary	10.7	5.1	-	7.9	
	Lymphoma	5.9	5.2	-	5.5	
	Leukemia	6.8	4.6	-	5.7	
	Other Cancer	45.9	30.5	-	38.1	
	All Cancer	150.1	141.0	-	145.6	
	Diabetes and Alzheimer's	Diabetes	28.4	23.2	-	25.8
		Alzheimer's	30.2	58.7	-	44.6
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	9.3	12.5	-	10.9
		Ischemic Heart Disease	124.6	89.4	-	106.8
		Other Heart Disease	17.8	22.9	-	20.4
		All Heart Disease	151.7	124.7	-	138.1
	Other Cardiovascular	Primary Hypertension	9.3	12.5	-	10.9
		Cerebrovascular	124.6	89.4	-	106.8
		Atherosclerosis	17.8	22.9	-	20.4
		Other Circulatory	9.3	12.5	-	10.9
		All Other Cardiovascular	38.4	55.8	-	47.2
		Other Respiratory Diseases	Influenza & Pneumonia	5.6	6.5	-
	Chronic Lower Respiratory	40.8	47.3	-	44.1	
GI & Urinary	Peptic Ulcer	0.9	0.9	-	0.9	
	Liver Disease	14.4	7.7	-	11.0	
	Nephritis	2.8	2.1	-	2.4	
Pregnancy & Early Life	Pregnancy ¹	0	0.2	-	0.2	
	Perinatal Conditions	4.5	3.3	-	3.9	
	Congenital Malformations	3.2	3.0	-	3.1	
	SIDS ²	0.4	0.2	-	0.3	
Other Diseases	Symptoms, Signs	16.5	25.1	-	20.8	
	Other Diseases	94.4	95.6	-	95.0	
External Causes	Motor Vehicle Collisions	13.0	5.5	-	9.2	
	All Other Accidents	38.2	29.1	-	33.6	
	Suicide	23.7	6.8	-	15.2	
	Homicide	8.0	2.4	-	5.2	
	Other External Causes	2.7	1.8	-	2.2	
	All External causes	85.6	45.7	-	65.5	
Total		671.0	641.9	-	656.4	

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 2011 Mortality (Death) Statistics

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

Cause		Number of Deaths by Race/Ethnicity						Total	
		White	Hispanic	Black	American Indian	Asian	Multiple		Other/Unknown
Infectious Diseases	Clostridium Difficile	81	8	1	2	1	1	0	94
	Other Intestinal Infections	9	3	0	0	0	1	0	13
	Septicemia	81	13	7	2	3	1	0	107
	Viral Hepatitis	80	35	7	2	2	2	0	128
	Coccidioidomycosis	11	1	0	0	1	0	0	13
	Other Mycoses	5	1	0	0	1	0	0	7
Cancer	Brain	132	19	3	1	0	0	0	155
	Lip & Oral	64	7	3	1	1	1	0	77
	Skin	95	4	0	0	2	1	0	102
	Ovarian	138	15	4	4	2	1	0	164
	Testicular	4	2	0	0	0	0	0	6
Other Diseases	Anemias	20	3	4	0	0	0	0	27
	Nutritional Deficiencies	24	2	0	0	0	0	0	26
	Obesity	60	15	3	2	1	2	0	83
	Mental & Behavioral Disorders Due to the Use of Alcohol	86	16	0	5	0	0	2	109
	Parkinson's Disease	289	12	5	1	2	3	0	312
	Multiple Sclerosis	33	3	3	0	0	2	0	41
	Epilepsy	15	3	1	0	0	0	0	19
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	747	67	26	3	13	3	1	860
	Congestive Heart Failure	97	8	1	0	0	2	0	108
Chronic Lower Respiratory	Emphysema	76	1	2	0	0	0	0	79
	Asthma	40	7	7	1	1	1	0	57
Liver Disease	Alcoholic Liver Disease	230	75	7	18	3	1	1	335
Musculoskeletal	Rheumatoid Arthritis	31	5	5	1	0	0	0	42
	Lupus	6	4	0	1	1	0	0	12
	Osteoporosis	11	0	0	0	0	0	0	11
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth Weight	11	22	4	1	2	1	0	41
	Congenital Malformations of the Circulatory System	17	17	3	0	1	0	0	38
	Chromosomal Abnormalities	7	9	2	0	0	0	0	18
External Causes	Falls	445	48	9	5	5	3	1	516
	Unintentional Drowning	30	14	5	1	3	1	0	54
	Unintentional Poisoning	351	87	21	16	1	3	1	480
	Exposure to Excessive Natural Heat	22	9	4	0	0	1	0	36
	Legal Intervention	2	4	0	0	0	0	0	6
	Accidental Discharge of Firearms	2	1	1	0	0	0	0	4
	Discharge of Firearms, Undetermined Intent	3	1	0	0	0	0	0	4
	Complications of Medical and Surgical Care	22	6	0	0	1	0	0	29

Maricopa County 2011 Mortality (Death) Statistics

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

Cause		Death Rate by Race/Ethnicity							Total
		White	Hispanic	Black	American Indian	Asian	Multiple	Other/Unknown	
Infectious Diseases	Clostridium Difficile	3.6	0.7	0.5	3.2	0.7	1.4	-	2.4
	Other Intestinal Infections	0.4	0.3	0	0	0	1.4	-	0.3
	Septicemia	3.6	1.1	3.8	3.2	2.1	1.4	-	2.8
	Viral Hepatitis	3.5	3.0	3.8	3.2	1.4	2.8	-	3.3
	Coccidioidomycosis	0.5	0.1	0	0	0.7	0	-	0.3
	Other Mycoses	0.2	0.1	0	0	0.7	0	-	0.2
Cancer	Brain	5.8	1.6	1.6	1.6	0	0	-	4.0
	Lip & Oral	2.8	0.6	1.6	1.6	0.7	1.4	-	2.0
	Skin	4.2	0.3	0	0	1.4	1.4	-	2.6
	Ovarian ¹	12.0	2.6	4.4	12.1	2.7	2.8	-	8.4
	Testicular ¹	0.4	0.3	0	0	0	0	-	0.3
Other Diseases	Anemias	0.9	0.3	2.2	0	0	0	-	0.7
	Nutritional Deficiencies	1.1	0.2	0	0	0	0	-	0.7
	Obesity	2.7	1.3	1.6	3.2	0.7	2.8	-	2.1
	Mental & Behavioral Disorders Due to the Use of Alcohol	3.8	1.4	0	8.0	0	0	-	2.8
	Parkinson's Disease	12.8	1.0	2.7	1.6	1.4	4.2	-	8.0
	Multiple Sclerosis	1.5	0.3	1.6	0	0	2.8	-	1.1
	Epilepsy	0.7	0.3	0.5	0	0	0	-	0.5
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	33.0	5.8	14.2	4.8	9.2	4.2	-	22.2
	Congestive Heart Failure	4.3	0.7	0.5	0	0	2.8	-	2.8
Chronic Lower Respiratory	Emphysema	3.4	0.1	1.1	0	0	0	-	2.0
	Asthma	1.8	0.6	3.8	1.6	0.7	1.4	-	1.5
Liver Disease	Alcoholic Liver Disease	10.2	6.5	3.8	29.0	2.1	1.4	-	8.6
Musculoskeletal	Rheumatoid Arthritis	1.4	0.4	2.7	1.6	0	0	-	1.1
	Lupus	0.3	0.3	0	1.6	0.7	0	-	0.3
	Osteoporosis	0.5	0	0	0	0	0	-	0.3
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth Weight	0.5	1.9	2.2	1.6	1.4	1.4	-	1.1
	Congenital Malformations of the Circulatory System	0.8	1.5	1.6	0	0.7	0	-	1.0
	Chromosomal Abnormalities	0.3	0.8	1.1	0	0	0	-	0.5
External Causes	Falls	19.7	4.1	4.9	8.0	3.5	4.2	-	13.3
	Unintentional Drowning	1.3	1.2	2.7	1.6	2.1	1.4	-	1.4
	Unintentional Poisoning	15.5	7.5	11.5	25.7	0.7	4.2	-	12.4
	Exposure to Excessive Natural Heat	1.0	0.8	2.2	0	0	1.4	-	0.9
	Legal Intervention	0.1	0.3	0	0	0	0	-	0.2
	Accidental Discharge of Firearms	0.1	0.1	0.5	0	0	0	-	0.1
	Discharge of Firearms, Undetermined Intent	0.1	0.1	0	0	0	0	-	0.1
	Complications of Medical and Surgical Care	1.0	0.5	0	0	0.7	0	-	0.7

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

Maricopa County 2011 Mortality (Death) Statistics

**Table 2.07a Other 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	Clostridium Difficile	0	0	0	0	0	0	0	1	4	6	15	25	43	94
	Other Intestinal Infections	1	0	1	0	0	0	0	0	0	2	1	6	2	13
	Septicemia	3	0	1	0	1	0	0	2	10	14	18	27	31	107
	Viral Hepatitis	0	0	0	0	0	0	1	5	31	55	23	11	2	128
	Coccidioidomycosis	0	0	0	0	1	0	0	0	2	1	3	4	2	13
	Other Mycoses	0	0	0	0	0	0	0	0	1	1	2	2	1	7
Cancer	Brain	0	0	2	3	3	3	2	11	20	32	39	28	12	155
	Lip & Oral	0	0	0	0	0	0	0	1	8	27	21	13	7	77
	Skin	0	0	0	0	0	0	1	1	10	24	27	24	15	102
	Ovarian	0	0	0	0	0	0	2	4	13	34	38	46	27	164
	Testicular	0	0	0	0	1	1	0	1	1	0	0	1	1	6
Other Diseases	Anemias	0	0	0	2	0	1	0	1	1	3	4	5	10	27
	Nutritional Deficiencies	0	0	0	0	0	0	0	0	2	2	4	4	14	26
	Obesity	0	0	0	0	0	0	6	12	19	26	10	8	2	83
	Mental & Behavioral Disorders Due to the Use of Alcohol	0	0	0	0	0	0	1	18	40	36	11	2	1	109
	Parkinson's Disease	0	0	0	0	0	0	0	0	3	6	37	140	126	312
	Multiple Sclerosis	0	0	0	0	0	0	1	2	7	7	18	5	1	41
Cardiovascular	Epilepsy	0	0	0	1	0	1	1	2	7	3	2	2	0	19
	Acute Myocardial Infarction (Heart Attack)	0	0	0	0	0	1	1	9	34	90	173	243	309	860
Chronic Lower Respiratory	Congestive Heart Failure	0	0	0	0	0	0	0	0	1	7	6	33	61	108
	Emphysema	1	0	0	0	0	0	0	0	2	11	21	25	19	79
Liver Disease	Asthma	0	1	1	2	0	0	4	3	7	12	6	11	10	57
	Alcoholic Liver Disease	0	0	0	0	0	0	9	33	86	126	52	25	4	335
Musculoskeletal	Rheumatoid Arthritis	0	0	0	0	0	0	0	0	5	15	10	12	42	
	Lupus	0	0	0	0	0	0	2	3	2	3	1	1	0	12
	Osteoporosis	0	0	0	0	0	0	0	0	0	0	0	1	10	11
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth Weight	41	0	0	0	0	0	0	0	0	0	0	0	0	41
	Congenital Malformations of the Circulatory System	17	2	1	1	0	0	4	3	2	1	5	1	1	38
	Chromosomal Abnormalities	13	1	0	0	0	0	0	1	0	2	1	0	0	18
External Causes	Falls	1	0	0	0	2	2	4	6	16	24	39	144	278	516
	Unintentional Drowning	1	11	4	1	3	3	1	7	3	5	8	5	2	54
	Unintentional Poisoning	0	0	0	0	18	51	94	93	121	81	17	3	2	480
	Exposure to Excessive Natural Heat	0	0	0	0	0	0	1	4	7	9	3	5	7	36
	Legal Intervention	0	0	0	0	1	1	1	2	1	0	0	0	0	6
	Accidental Discharge of Firearms	0	0	0	0	1	0	1	0	1	0	0	1	0	4
	Discharge of Firearms, Undetermined Intent	0	0	0	0	0	0	1	2	1	0	0	0	0	4
	Complications of Medical and Surgical Care	4	0	0	0	1	1	2	1	1	4	3	9	3	29

Maricopa County 2011 Mortality (Death) Statistics

**Table 2.07b Other 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	Clostridium Difficile	0	0	0	0	0	0	0.2	0.8	1.4	5.6	16.4	68.6	2.4
	Other Intestinal Infections	0.4	0.4	0	0	0	0	0	0	0.5	0.4	3.9	3.2	0.3
	Septicemia	1.1	0.4	0	0.4	0	0	0.4	2.0	3.4	6.7	17.7	49.5	2.8
	Viral Hepatitis	0	0	0	0	0	0.2	0.9	6.1	13.2	8.6	7.2	3.2	3.3
	Coccidioidomycosis	0	0	0	0.4	0	0	0	0.4	0.2	1.1	2.6	3.2	0.3
	Other Mycoses	0	0	0	0	0	0	0	0.2	0.2	0.7	1.3	1.6	0.2
Cancer	Brain	0	0.7	1.1	1.1	1.1	0.4	2.1	3.9	7.7	14.5	18.3	19.1	4.0
	Lip & Oral	0	0	0	0	0	0	0.2	1.6	6.5	7.8	8.5	11.2	2.0
	Skin	0	0	0	0	0	0.2	0.2	2.0	5.7	10.0	15.7	23.9	2.6
	Ovarian ¹	0	0	0	0	0	0.7	1.5	5.0	15.4	26.5	54.2	67.2	8.4
	Testicular ¹	0	0	0	0.7	0.7	0	0.4	0.4	0	0	1.5	4.4	0.3
Other Diseases	Anemias	0	0	0.7	0	0.4	0	0.2	0.2	0.7	1.5	3.3	16.0	0.7
	Nutritional Deficiencies	0	0	0	0	0	0	0	0.4	0.5	1.5	2.6	22.3	0.7
	Obesity	0	0	0	0	0	1.1	2.3	3.7	6.2	3.7	5.2	3.2	2.1
	Mental & Behavioral Disorders Due to the Use of Alcohol	0	0	0	0	0	0.2	3.4	7.9	8.6	4.1	1.3	1.6	2.8
	Parkinson's Disease	0	0	0	0	0	0	0	0.6	1.4	13.8	91.7	201.0	8.0
	Multiple Sclerosis	0	0	0	0	0	0.2	0.4	1.4	1.7	6.7	3.3	1.6	1.1
	Epilepsy	0	0	0.4	0	0.4	0.2	0.4	1.4	0.7	0.7	1.3	0	0.5
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	0	0	0	0	0.4	0.2	1.7	6.7	21.5	64.4	159.2	493.0	22.2
	Congestive Heart Failure	0	0	0	0	0	0	0	0.2	1.7	2.2	21.6	97.3	2.8
Chronic Lower Respiratory	Emphysema	0.4	0	0	0	0	0	0	0.4	2.6	7.8	16.4	30.3	2.0
	Asthma	0	0.4	0.7	0	0	0.7	0.6	1.4	2.9	2.2	7.2	16.0	1.5
Liver Disease	Alcoholic Liver Disease	0	0	0	0	0	1.6	6.3	16.9	30.2	19.4	16.4	6.4	8.6
Musculoskeletal	Rheumatoid Arthritis	0	0	0	0	0	0	0	0	1.2	5.6	6.6	19.1	1.1
	Lupus	0	0	0	0	0	0.4	0.6	0.4	0.7	0.4	0.7	0	0.3
	Osteoporosis	0	0	0	0	0	0	0	0	0	0	0.7	16.0	0.3
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth Weight	14.7	0	0	0	0	0	0	0	0	0	0	0	1.1
	Congenital Malformations of the Circulatory System	6.1	0.4	0.4	0	0	0.7	0.6	0.4	0.2	1.9	0.7	1.6	1.0
	Chromosomal Abnormalities	4.7	0	0	0	0	0	0.2	0	0.5	0.4	0	0	0.5
External Causes	Falls	0.4	0	0	0.7	0.7	0.7	1.1	3.1	5.7	14.5	94.3	443.6	13.3
	Unintentional Drowning	0.4	1.4	0.4	1.1	1.1	0.2	1.3	0.6	1.2	3.0	3.3	3.2	1.4
	Unintentional Poisoning	0	0	0	6.6	18.3	17.0	17.7	23.8	19.4	6.3	2.0	3.2	12.4
	Exposure to Excessive Natural Heat	0	0	0	0	0	0.2	0.8	1.4	2.2	1.1	3.3	11.2	0.9
	Legal Intervention	0	0	0	0.4	0.4	0.2	0.4	0.2	0	0	0	0	0.2
	Accidental Discharge of Firearms	0	0	0	0.4	0	0.2	0	0.2	0	0	0.7	0	0.1
	Discharge of Firearms, Undetermined Intent	0	0	0	0	0	0.2	0.4	0.2	0	0	0	0	0.1
	Complications of Medical and Surgical Care	1.4	0	0	0.4	0.4	0.4	0.2	0.2	1.0	1.1	5.9	4.8	0.7

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

Maricopa County 2011 Mortality (Death) Statistics

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

Cause		Number of Deaths by Gender		
		Male	Female	Total
Infectious Diseases	Clostridium Difficile	34	60	94
	Other Intestinal Infections	4	9	13
	Septicemia	63	44	107
	Viral Hepatitis	79	49	128
	Coccidioidomycosis	9	4	13
	Other Mycoses	5	2	7
Cancer	Brain	72	83	155
	Lip & Oral	62	15	77
	Skin	63	39	102
	Ovarian	0	164	164
	Testicular	6	0	6
Other Diseases	Anemias	12	15	27
	Nutritional Deficiencies	13	13	26
	Obesity	41	42	83
	Mental & Behavioral Disorders Due to the Use of Alcohol	80	29	109
	Parkinson's Disease	181	131	312
	Multiple Sclerosis	16	25	41
	Epilepsy	10	9	19
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	475	385	860
	Congestive Heart Failure	47	61	108
Chronic Lower Respiratory	Emphysema	45	34	79
	Asthma	18	39	57
Liver Disease	Alcoholic Liver Disease	237	98	335
Musculoskeletal	Rheumatoid Arthritis	9	33	42
	Lupus	3	9	12
	Osteoporosis	1	10	11
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth Weight	15	26	41
	Congenital Malformations of the Circulatory System	23	15	38
	Chromosomal Abnormalities	5	13	18
External Causes	Falls	223	293	516
	Unintentional Drowning	34	20	54
	Unintentional Poisoning	316	164	480
	Exposure to Excessive Natural Heat	23	13	36
	Legal Intervention	6	0	6
	Accidental Discharge of Firearms	4	0	4
	Discharge of Firearms, Undetermined Intent	3	1	4
	Complications of Medical and Surgical Care	13	16	29

Maricopa County 2011 Mortality (Death) Statistics

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

Cause		Death Rate by Gender		
		Male	Female	Total
Infectious Diseases	Clostridium Difficile	1.8	3.1	2.4
	Other Intestinal Infections	0.2	0.5	0.3
	Septicemia	3.3	2.2	2.8
	Viral Hepatitis	4.1	2.5	3.3
	Coccidioidomycosis	0.5	0.2	0.3
	Other Mycoses	0.3	0.1	0.2
Cancer	Brain	3.7	4.2	4.0
	Lip & Oral	3.2	0.8	2.0
	Skin	3.3	2.0	2.6
	Ovarian ¹	0	8.4	8.4
	Testicular ¹	0.3	0	0.3
Other Diseases	Anemias	0.6	0.8	0.7
	Nutritional Deficiencies	0.7	0.7	0.7
	Obesity	2.1	2.1	2.1
	Mental & Behavioral Disorders Due to the Use of Alcohol	4.2	1.5	2.8
	Parkinson's Disease	9.4	6.7	8.0
	Multiple Sclerosis	0.8	1.3	1.1
	Epilepsy	0.5	0.5	0.5
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	24.7	19.6	22.2
	Congestive Heart Failure	2.4	3.1	2.8
Chronic Lower Respiratory	Emphysema	2.3	1.7	2.0
	Asthma	0.9	2.0	1.5
Liver Disease	Alcoholic Liver Disease	12.3	5.0	8.6
Musculoskeletal	Rheumatoid Arthritis	0.5	1.7	1.1
	Lupus	0.2	0.5	0.3
	Osteoporosis	0.1	0.5	0.3
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth Weight	0.8	1.3	1.1
	Congenital Malformations of the Circulatory System	1.2	0.8	1.0
	Chromosomal Abnormalities	0.3	0.7	0.5
External Causes	Falls	11.6	15.0	13.3
	Unintentional Drowning	1.8	1.0	1.4
	Unintentional Poisoning	16.5	8.4	12.4
	Exposure to Excessive Natural Heat	1.2	0.7	0.9
	Legal Intervention	0.3	0	0.2
	Accidental Discharge of Firearms	0.2	0	0.1
	Discharge of Firearms, Undetermined Intent	0.2	0.1	0.1
	Complications of Medical and Surgical Care	0.7	0.8	0.7

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

Maricopa County 2011 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	2	0	1	2	0	0
10-14	2	0	0	0	0	0
15-19	27	20	22	22	1	3
20-24	62	57	58	58	0	2
25-34	107	114	122	129	12	32
35-44	72	115	141	174	60	83
45-54	91	158	212	405	133	188
55-64	73	104	138	674	170	253
65-74	31	30	36	906	66	112
75-84	27	10	10	1,034	27	40
85+	16	3	2	580	5	8
Total	510	611	742	3,984	474	721

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

**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	0.7	0	0.4	0.7	0	0
10-14	0.7	0	0	0	0	0
15-19	10.0	7.4	8.1	8.1	0.4	1.1
20-24	22.3	20.5	20.8	20.8	0	0.7
25-34	19.4	20.7	22.1	23.4	2.2	5.8
35-44	13.7	21.8	26.8	33.0	11.4	15.8
45-54	17.9	31.0	41.7	79.6	26.1	36.9
55-64	17.5	24.9	33.0	161.3	40.7	60.6
65-74	11.5	11.2	13.4	337.2	24.6	41.7
75-84	17.7	6.6	6.6	677.3	17.7	26.2
85+	25.5	4.8	3.2	925.4	8.0	12.8
Total	13.1	15.7	19.1	102.7	12.2	18.6

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 2011 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	357	471	577	3,447	332	488
Hispanic	110	99	113	296	98	152
African American	29	24	30	138	8	22
American Indian	5	11	13	30	29	45
Asian	2	1	2	26	3	6
Multiple	6	4	6	36	1	3
Other/ Unknown	1	1	1	11	3	5
Total	510	611	742	3,984	474	721

1. See Technical Notes for explanation for the large difference between Drug Related deaths including and excluding tobacco.
- 2.

**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	15.8	20.8	25.5	152.5	14.7	21.6
Hispanic	9.5	8.5	9.7	25.5	8.4	13.1
African American	15.9	13.1	16.4	75.6	4.4	12.1
American Indian	8.0	17.7	20.9	48.3	46.7	72.4
Asian	1.4	0.7	1.4	18.4	2.1	4.2
Multiple	8.5	5.7	8.5	51.0	1.4	4.2
Other/ Unknown	-	-	-	-	-	-
Total	13.1	15.7	19.1	102.7	12.2	18.6

1. See Technical Notes for explanation for the large difference between Drug Related deaths including and excluding tobacco.
- 2.

**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	440	355	438	2,347	342	528
Female	70	256	304	1,637	132	193
Total	510	611	742	3,984	474	721

1. See Technical Notes for explanation for the large difference between Drug Related deaths including and excluding tobacco.
- 2.

**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	22.9	18.5	22.8	122.2	17.8	27.5
Female	3.6	13.1	15.5	83.5	6.7	9.8
Total	13.1	15.7	19.1	102.7	12.2	18.6

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 2011 Mortality (Death) Statistics

Table 2.12 Number and Percent of Deaths by Race/Ethnicity and Sex

Gender	Number and Percent of Deaths by Race/Ethnicity														Total	
	White		Hispanic		Black		American Indian		Asian		Multiple		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male	10,376	49.7	1,543	56.4	521	52.2	140	54.9	184	49.5	86	51.2	39	70.9	12,889	50.6
Female	10,503	50.3	1,194	43.6	477	47.8	115	45.1	188	50.5	82	48.8	15	27.3	12,574	49.4
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	1	1.8	1	0.0
Total	20,879		2,737		998		255		372		168		55		25,464	

Table 2.13 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		Black		American Indian		Asian		Multiple		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Single	1,675	8.0	677	24.7	247	24.7	93	36.5	40	10.8	41	24.4	4	7.3	2,777	10.9
Married	8,235	39.4	1,018	37.2	297	29.8	69	27.1	181	48.7	56	33.3	12	21.8	9,868	38.8
Widowed	7,443	35.6	622	22.7	210	21.0	41	16.1	109	29.3	41	24.4	5	9.1	8,471	33.3
Divorced	3,350	16.0	396	14.5	233	23.3	48	18.8	40	10.8	29	17.3	5	9.1	4,101	16.1
Unknown	176	0.8	24	0.9	11	1.1	4	1.6	2	0.5	1	0.6	29	52.7	247	1.0
Total	20,879		2,737		998		255		372		168		55		25,464	

Maricopa County 2011 Mortality (Death) Statistics

Table 2.14 Number and Percent of Deaths by Race/Ethnicity and Education Level

Educational Level	Number and Percent of Deaths Race/Ethnicity														Total	
	White		Hispanic		Black		American Indian		Asian		Multiple		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
8th Grade or Less	1,043	5.0	884	32.3	97	9.7	33	12.9	43	11.6	16	9.5	4	7.3	2,120	8.3
Some High School	1,581	7.6	388	14.2	116	11.6	68	26.7	24	6.5	12	7.1	1	1.8	2,190	8.6
High School Graduate or GED	7,914	37.9	680	24.8	324	32.5	70	27.5	117	31.5	52	31.0	5	9.1	9,162	36.0
Some College	4,065	19.5	272	9.9	197	19.7	40	15.7	46	12.4	38	22.6	2	3.6	4,660	18.3
College Graduate	4,208	20.2	195	7.1	158	15.8	28	11.0	71	19.1	29	17.3	4	7.3	4,693	18.4
Graduate School	1,538	7.4	51	1.9	50	5.0	4	1.6	37	9.9	9	5.4	4	7.3	1,693	6.6
Unknown	530	2.5	267	9.8	56	5.6	12	4.7	34	9.1	12	7.1	35	63.6	946	3.7
Total	20,879		2,737		998		255		372		168		55		25,464	

Maricopa County 2011 Mortality (Death) Statistics

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

Note: The methods used for age adjusting may be found in the Technical Notes.

Crude Death Rates							
	White	Hispanic	African American	American Indian	Asian	Multiple	Total
All Causes – Total	923.6	235.4	546.6	410.3	262.7	237.9	656.3
Heart Disease	202.4	38.8	110.1	32.2	47.3	34.0	138.1
All Cancer	207.9	47.7	116.1	56.3	69.9	56.6	145.6
Cerebrovascular	38.8	10.1	30.7	6.4	17.7	7.1	28.0
Unintentional Injuries ¹	53.0	24.2	37.2	78.8	14.8	15.6	42.1
Pneumonia & Influenza	8.4	2.6	3.8	3.2	2.1	0	6.0
Diabetes (single cause)	30.3	14.9	41.1	59.5	16.2	8.5	25.8
Suicide	21.6	5.9	6.0	8.0	5.6	8.5	15.2
Homicide	3.0	7.3	18.6	11.3	3.5	4.2	5.2
AIDS and HIV	1.3	1.4	5.5	6.4	0.7	0	1.5
Asthma	1.8	0.6	3.8	1.6	0.7	1.4	1.5
Drug Induced	20.8	8.5	13.1	17.7	0.7	5.7	15.7
Firearm Related	15.8	9.5	15.9	8.0	1.4	8.5	13.1
Alcohol Induced	14.7	8.4	4.4	46.7	2.1	1.4	12.2
Age Adjusted Death Rates							
	White	Hispanic	African American	American Indian	Asian	Multiple	Total
All Causes	662.6	579.8	848.4	716.6	442.2	744.2	655.0
Heart Disease	139.3	115.1	176.8	63.8	85.3	126.4	137.4
All Cancer	148.4	116.5	173.7	119.2	111.9	176.9	144.5
Cerebrovascular	26.8	31.3	52.5	10.5	27.8	27.5	28.2
Unintentional Injuries ¹	44.5	39.1	47.2	98.2	20.8	33.6	42.1
Pneumonia & Influenza	5.9	7.6	4.3	4.7	4.4	0	6.1
Diabetes (single cause)	21.4	39.0	64.5	125.7	26.1	28.6	25.5
Suicide	20.0	6.8	5.4	6.6	6.3	14.5	15.1
Homicide	2.9	7.2	17.6	10.8	4.1	4.4	5.2
AIDS and HIV	1.1	1.7	5.5	6.8	0.7	0	1.6
Asthma	1.4	1.6	4.8	1.3	0.7	2.8	1.4
Drug Induced	20.0	10.6	13.6	17.6	0.7	6.1	15.7
Firearm Related	14.3	9.5	15.1	6.9	1.4	14.5	13.0
Alcohol Induced	11.7	14.8	5.3	58.7	2.0	2.4	11.8

¹ Unintentional injuries listed in this table include 1,549 deaths from unintentional injuries, but do not include the 29 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 2011 Mortality (Death) Statistics

Table 2.16 Death Rate Comparisons to Arizona, U.S. and Healthy People 2020 Goals for Selected Underlying Causes of Death

Causes of Death	2011 Maricopa County		Age Adjusted Rate (Deaths per 100,000 Residents)			
	No. of Individuals	Crude Rate (Deaths per 100,000 Residents)	Maricopa County 2011	Arizona 2010	U.S. 2011/ 2009 ³	Healthy People 2020 Goal
All Causes	25,464	656.2	654.9	679.9	740.6	
Heart Disease	5,358	138.1	137.4	143.3	173.7	-
Coronary Heart Disease	4,541	117.0	116.4	112.9	-	100.8
All Other Heart Disease	817	21.1	21.0	-	-	-
All Cancers	5,648	145.6	144.5	150.5	168.6	160.6
Lung, Trachea, Bronchus Cancer	1,409	36.3	36.2	38.1	45.9	45.5
Female Breast Cancer ¹	421	21.5	19.5	19.2	26.1 ³	20.6
Prostate Cancer ¹	294	15.3	18.1	19.1	18.5 ³	21.2
All Other Cancers	3,524	90.8	-	-	-	-
Cerebrovascular Disease (Stroke)	1,086	28.0	28.2	30.7	37.9	33.8
Unintentional Injuries (Accidents) ²	1,633	42.1	42.1	43.8	38.0	36.0
Motor Vehicle	358	9.2	9.3	11.1	10.9	12.4
Falls	516	13.3	13.4	11.5	7.8	-
Accidental Poisoning	480	12.4	12.3	14.0	10.7	11.1
Drowning	54	1.4	1.4	1.3	1.1	1.1
All Other Unintentional Injuries	225	5.8	-	-	-	-
Pneumonia & Influenza	234	6.0	6.1	10.9	15.7	-
Diabetes ⁴	1,000	25.8	25.5	20.1	21.5	-
Suicide	589	15.2	15.1	16.7	12.0	10.2
Homicide	202	5.2	5.2	6.5	5.9	5.5
AIDS & HIV	60	1.5	1.6	1.6	2.4	3.3
Asthma	57	1.5	1.4	-	1.0	-
Drug Induced	611	15.7	15.7	17.6	12.8	11.3
Firearm Related	510	13.1	13.0	14.2	10.1	9.2
Alcohol Induced	474	12.2	11.8	14.1	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 1,633 deaths from unintentional injuries, but do not include the 29 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 except for Breast cancer and Prostate cancer which are Final 2009 U.S. data.
4. Healthy People 2020 Goal for diabetes includes deaths where diabetes is listed as a multiple cause of death. Maricopa County had a death rate of 58.2 deaths per 100,000 residents. The Healthy People 2020 Goal is 65.8 deaths per 100,000 residents.

Maricopa County 2011 Mortality (Death) Statistics

Table 2.17 Leading Causes of Death by Race/Ethnicity

Rank	White	Hispanic	Black	American Indian	Asian	All
1	Cancer (4,701)	Cancer (554)	Cancer (212)	Unintentional Injury (49)	Cancer (99)	Cancer (5,648)
2	Heart Disease (4,575)	Heart Disease (451)	Heart Disease (201)	Diabetes (37)	Heart Disease (67)	Heart Disease (5,358)
3	Chronic Lower Respiratory (1,581)	Unintentional Injury (287)	Diabetes (75)	Cancer (35)	Stroke (25)	Chronic Lower Respiratory (1,710)
4	Alzheimer's (1,540)	Diabetes (173)	Unintentional Injury (68)	Liver Disease (22)	Diabetes (23)	Alzheimer's (1,732)
5	Unintentional Injury (1,221)	Stroke (117)	Stroke (56)	Heart Disease (20)	Unintentional Injury (22)	Unintentional Injury (1,662)
6	Stroke (877)	Alzheimer's (111)	Alzheimer's (47)	**		Stroke (1,086)
7	Diabetes (684)	Liver Disease (95)	Chronic Lower Respiratory (36)			Diabetes (1,000)
8	Suicide (488)	Homicide (85)	Homicide (34)			Suicide (589)
9	Liver Disease (296)	Suicide (69)				Liver Disease (428)
10	Parkinson's Disease (289)	Chronic Lower Respiratory (59)				Parkinson's Disease (312)

**Fewer than 20 deaths occurred for a cause of death for Black (9th and 10th), American Indian (6th-10th), and Asian (6th-10th).

Maricopa County 2011 Mortality (Death) Statistics

Table 2.18 Years of Potential Life Lost

Cause of Death	YPLL*	Percent	Total Deaths
Total	254,930	100.0	25,464
Malignant Neoplasms.....	55,800	21.9	5,648
Trachea, bronchus, and lung.....	11,573	4.5	1,409
Breast.....	6,117	2.4	422
Colon, rectum, and anus.....	4,844	1.9	494
Uterus, cervix, and ovary.....	4,107	1.6	298
Pancreas.....	3,481	1.4	394
Unintentional Injury.....	39,494	15.5	1,662
Poisoning.....	17,250	6.8	480
Motor Vehicle Collisions.....	12,007	4.7	358
Drowning.....	2,182	0.9	54
Heart Disease.....	31,134	12.2	5,358
Suicide.....	18,608	7.3	589
Diabetes.....	9,563	2.3	1,000
Chronic Lower Respiratory.....	8,634	3.4	1,710
Homicide.....	8,591	3.4	202
Liver Disease.....	8,036	3.2	428
Cerebrovascular Disease.....	5,793	2.3	1,086
Viral Hepatitis.....	2,348	0.9	128
Pneumonia and Influenza.....	1,892	0.7	234
HIV.....	1,658	0.6	60
All Other Causes.....	63,379	24.9	7,359

*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 76.2 years. See Technical Notes for details.

III. Maricopa County 2011 Communicable Disease Statistics

Maricopa County 2011 Communicable Disease Statistics

Table 3.01a Number of Cases of Selected Reportable Diseases by Race/Ethnicity

Disease		Number of Cases by Race/Ethnicity						Total
		White	Hispanic	African American	American Indian	Asian	Unknown	
Vaccine Preventable	<i>H. influenzae</i>	34	7	2	1	0	8	52
	Measles	1	0	0	0	0	0	1
	Mumps	0	0	0	0	0	0	0
	Pertussis	495	56	22	5	6	114	698
Central Nervous System	Encephalitis Viral Other	4	0	0	0	0	0	4
	Meningitis Viral/Aseptic	163	75	23	10	7	43	321
	Meningococcal Meningitis	10	1	0	2	0	1	14
Enterics	Amebiasis	3	0	0	1	0	4	8
	Botulism	2	0	0	0	2	1	5
	Campylobacteriosis	164	88	3	12	2	265	534
	Cholera	0	0	0	0	0	0	0
	Cryptosporidiosis	15	1	4	0	0	12	32
	<i>E. Coli</i> O157.H7	37	9	1	0	0	32	79
	Giardiasis	22	9	4	0	1	37	73
	Listeriosis	4	0	0	0	0	2	6
	Norovirus ¹	1	0	0	0	1	68	70
	Salmonella Paratyphi	2	0	0	0	0	1	3
	Salmonellosis	177	56	9	18	4	121	385
	Shigellosis	57	88	10	2	1	52	210
	Typhoid Fever	0	0	0	0	0	1	1
Mycosis	Coccidioidomycosis	1,817	338	165	76	65	10,943	13,404
Zoonoses/ Vectorborne	Brucellosis	0	2	0	0	0	1	3
	Dengue	1	0	0	0	1	1	3
	Hantavirus Pulmonary Syndrome	0	0	0	1	0	0	1
	Lyme Disease	4	0	0	0	0	3	7
	Malaria	5	0	6	0	4	2	17
	West Nile Virus	33	4	0	0	0	8	45
Hepatitides	Hepatitis A	18	8	4	0	3	23	56
	Hepatitis B (Acute)	16	3	1	1	1	113	135
	Hepatitis D	0	0	0	0	0	0	0
Other	Legionellosis	22	1	2	1	0	2	28
	MRSA	67	11	11	4	1	711	805
	RSV ¹	229	263	37	79	12	1,784	2,404
	Strep Group A	43	21	3	9	2	34	112
	Strep Group B ² Invasive	8	5	4	0	0	7	24
	Strep Pneumo Invasive	191	48	16	8	1	170	434
	Toxic Shock Syndrome	2	0	0	0	0	0	2
	Vibrio Infection	5	4	0	0	0	7	16
	Yersiniosis	4	0	0	0	0	0	4
	Hansen's Disease ¹	0	0	0	0	0	0	0
Tuberculosis¹		24	44	12	33	4	0	117
Sexually Transmitted Disease	Genital Herpes ¹	887	23	164	62	16	208	1,360
	Gonorrhea ¹	1,545	135	916	155	28	457	3,236
	Syphilis-Primary and Secondary ¹	93	65	32	9	1	0	200
	Syphilis-All Others ¹	149	199	57	22	3	0	430
	Chlamydia ¹	9,267	867	2,279	812	150	3,348	16,723
	HIV ¹	127	51	113	12	9	3	315
	AIDS ¹	116	44	69	7	12	1	249
All Others		208	112	13	12	5	196	546
Total		16,074	2,638	3,982	1,354	343	18,784	43,175

¹ Confirmed cases only

² Streptococcal Group B Invasive disease is only reportable for cases in infants under 90 days.

Maricopa County 2011 Communicable Disease Statistics

Table 3.01b Case Rates per 100,000 Residents for Selected Reportable Diseases by Race/Ethnicity

Disease		Rate of Cases by Race/Ethnicity						Total
		White	Hispanic	African American	American Indian	Asian	Unknown	
Vaccine Preventable	<i>H. influenzae</i>	1.5	0.6	1.1	1.6	0	-	1.3
	Measles	0.0	0	0	0	0	-	0.0
	Mumps	0	0	0	0	0	-	0
	Pertussis	21.9	4.8	12.1	8.0	4.2	-	18.0
Central Nervous System	Encephalitis Viral Other	0.2	0	0	0	0	-	0.1
	Meningitis Viral/Aseptic	7.2	6.5	12.6	16.1	4.9	-	8.3
	Meningococcal Meningitis	0.4	0.1	0	3	0	-	0.4
Enterics	Amebiasis	0.1	0	0	2	0	-	0.2
	Botulism	0.1	0	0	0	1.4	-	0.1
	Campylobacteriosis	7.3	7.6	1.6	19.3	1.4	-	13.8
	Cholera	0	0	0	0	0	-	0
	Cryptosporidiosis	0.7	0.1	2.2	0	0	-	0.8
	<i>E. Coli</i> O157.H7	1.6	0.8	0.5	0	0	-	2.0
	Giardiasis	1.0	0.8	2.2	0	0.7	-	1.9
	Listeriosis	0.2	0	0	0	0	-	0.2
	Norovirus ¹	0.0	0	0	0	1	-	1.8
	Salmonella Paratyphi	0.1	0	0	0	0	-	0.1
	Salmonellosis	7.8	4.8	4.9	29.0	2.8	-	9.9
	Shigellosis	2.5	7.6	5.5	3.2	0.7	-	5.4
	Typhoid Fever	0	0	0	0	0	-	0.0
Mycosis	Coccidioidomycosis	80.4	29.1	90.4	122.3	45.9	-	345.4
Zoonoses/ Vectorborne	Brucellosis	0	0.2	0	0	0	-	0.1
	Dengue	0.0	0	0	0	0.7	-	0.1
	Hantavirus Pulmonary Syndrome	0	0	0	1.6	0	-	0.0
	Lyme Disease	0.2	0	0	0	0	-	0.2
	Malaria	0.2	0	3.3	0	2.8	-	0.4
	West Nile Virus	1.5	0.3	0	0	0	-	1.2
Hepatitides	Hepatitis A	0.8	0.7	2.2	0.0	2.1	-	1.4
	Hepatitis B (Acute)	0.7	0.3	0.5	1.6	0.7	-	3.5
	Hepatitis D	0	0	0	0	0	-	0
Other	Legionellosis	1.0	0.1	1.1	1.6	0	-	0.7
	MRSA	3.0	0.9	6.0	6.4	0.7	-	20.7
	RSV ¹	10.1	22.6 ¹	20.3	127.1	8.5	-	62.0
	Strep Group A	1.9	1.8	1.6	14.5	1.4	-	2.9
	Strep Group B ² Invasive	0.3	0.2	1.3	0	0	-	0.4
	Strep Pneumo Invasive	8.4	4.1	8.8	12.9	0.7	-	11.2
	Toxic Shock Syndrome	0.1	0	0	0	0	-	0.1
	Vibrio Infection	0.2	0.3	0	0	0	-	0.4
	Yersiniosis	0.2	0	0	0	0	-	0.1
	Hansen's Disease ¹	0	0	0	0	0	-	0
Tuberculosis¹		1.1	3.8	6.6	53.1	2.8	-	3.0
Sexually Transmitted Disease	Genital Herpes ¹	39.2	2.0	89.8	99.8	11.3	-	35.0
	Gonorrhea ¹	68.3	11.6	501.7	249.4	19.8	-	83.4
	Syphilis-Primary and Secondary ¹	4.1	5.6	17.5	14.5	0.7	-	5.2
	Syphilis-All Others ¹	6.6	17.1	31.2	35.4	2.1	-	11.1
	Chlamydia ¹	409.9	74.6	1,248.3	1,306.6	105.9	-	431.0
	HIV ¹	5.6	4.4	61.9	19.3	6.4	-	8.1
AIDS ¹	5.1	3.8	37.8	11.3	8.5	-	6.4	
All Others		9.2	9.7	7.1	19.3	3.5	-	14.1
Total		711.0	226.9	2,181.1	2,178.7	242.2	-	1,112.7

¹ Confirmed cases only

² Rates for Streptococcal Group B Invasive in infants <90 days are per 1,000 live births by race of the mother.

Maricopa County 2011 Communicable Disease Statistics
Table 3.02a Number of Cases of Selected Reportable Diseases by Age Group

Disease		Number of Cases by 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>	4	2	0	0	0	1	2	3	9	8	19	4	0	52
	Measles	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	Mumps	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pertussis	45	28	48	47	41	32	70	115	106	88	75	1	2	698
Central Nervous System	Enceph Viral Other	0	0	0	0	0	0	0	0	2	0	1	1	0	4
	Meningitis Viral/Aseptic	28	4	8	14	14	29	55	51	41	33	40	1	3	321
	Meningococcal Meningitis	2	2	0	0	0	2	2	1	0	1	3	1	0	14
Enterics	Amebiasis	0	0	0	0	0	0	0	1	3	1	3	0	0	8
	Botulism	3	0	0	0	0	0	0	1	0	0	1	0	0	5
	Campylobacteriosis	17	82	41	27	25	26	51	70	60	56	56	7	16	534
	Cholera	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cryptosporidiosis	0	2	1	3	0	1	5	8	5	3	4	0	0	32
	<i>E. Coli</i> O157.H7	6	30	6	5	4	4	5	5	2	2	8	2	0	79
	Giardiasis	0	15	6	4	2	3	11	16	4	7	4	0	1	73
	Listeriosis	0	0	0	0	0	0	1	0	1	3	1	0	0	6
	Norovirus ¹	0	7	7	1	1	1	1	7	8	10	14	13	0	70
	Salmonella Paratyphi	0	0	1	1	0	0	1	0	0	0	0	0	0	3
	Salmonellosis	31	60	40	19	21	21	32	33	38	19	55	11	5	385
	Shigellosis	1	67	38	21	8	13	21	13	11	10	5	1	1	210
	Typhoid	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Mycosis	Coccidioidomycosis	13	55	168	329	669	731	1,841	2,331	2,338	1,994	2,516	336	83	13,404
Zoonoses/ Vectorborne	Brucellosis	0	0	0	0	0	0	2	0	1	0	0	0	0	3
	Dengue	0	0	0	0	0	0	2	0	1	0	0	0	0	3
	Hantavirus Pulm. Syn.	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	Lyme Disease	0	0	0	2	0	2	0	0	1	1	1	0	0	7
	Malaria	0	1	0	0	0	2	6	2	0	3	3	0	0	17
	West Nile Virus	0	0	0	0	0	0	1	6	11	10	16	1	0	45
Hepatitides	Hepatitis A	0	0	0	0	5	8	4	3	13	14	7	2	0	56
	Hepatitis B (Acute)	0	0	0	2	3	4	29	38	31	19	8	0	1	135
	Hepatitis D	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	Legionellosis	0	0	0	0	0	0	1	0	2	3	20	2	0	28
	MRSA	3	1	1	6	5	15	36	61	117	156	325	70	9	805
	RSV ¹	1,165	796	62	18	11	9	14	20	29	27	31	11	211	2,404
	Strep Group A	2	4	3	2	0	2	8	18	21	14	29	8	1	112
	Strep Group B ² Invasive	24	0	0	0	0	0	0	0	0	0	0	0	0	24
	Strep Pneumo Invasive	6	25	5	9	2	13	23	36	65	78	137	31	4	434
	Toxic Shock Syndrome	0	0	0	0	2	0	0	0	0	0	0	0	0	2
	Vibrio spp.	0	0	0	0	0	0	5	2	4	3	2	0	0	16
	Yersiniosis	1	0	0	0	0	0	0	1	1	1	0	0	0	4
	Hansen's Disease ¹	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tuberculosis¹		0	2	0	1	1	11	17	21	14	17	29	4	0	117
Sexually Transmitted Diseases	Genital Herpes ¹	1	2	1	1	100	271	449	267	163	71	34	0	0	1,360
	Gonorrhea ¹	1	0	1	16	763	1,076	846	324	159	40	10	0	0	3,236
	Syphilis-Primary and Secondary ¹	0	0	0	0	4	39	72	42	34	5	4	0	0	200
	Syphilis – All Others ¹	10	0	0	0	7	47	146	108	85	21	6	0	0	430
	Chlamydia ¹	4	0	1	111	5,007	6,301	3,988	945	294	55	17	0	0	16,723
	HIV ¹	0	1	0	0	13	54	106	84	43	12	2	0	0	315
	AIDS ¹	0	0	0	0	2	16	69	60	70	25	7	0	0	249
All Others		15	48	140	137	33	11	15	12	23	16	36	44	16	546
Total		1,385	1,234	578	776	6,744	8,745	7,938	4,705	3,811	2,826	3,529	551	353	43,175

¹ Confirmed cases only

² Streptococcal Group B Invasive disease is only reportable for cases in infants under 90 days.

Maricopa County 2011 Communicable Disease Statistics

Table 3.02b Case Rates per 100,000 Residents for Selected Reportable Diseases by Age Group

Disease	Rate of Cases by 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>	2.2	0.0	0	0	0.4	0.4	0.6	1.8	1.9	4.5	6.4	-	1.3
	Measles	0	0	0	0	0	0	0	0.0	0	0	0	-	0.0
	Mumps	0	0	0	0	0	0	0	0	0	0	0	-	0
	Pertussis	26.2	17.0	16.7	15.1	11.5	12.7	21.8	20.8	21.1	17.8	1.6	-	18.0
Central Nervous System	Enceph Viral Other	0	0	0	0	0	0	0	0.4	0	0.2	1.6	-	0.1
	Meningitis Viral/Aseptic	11.5	2.8	5.0	5.2	10.4	10.0	9.7	8.1	7.9	9.5	1.6	-	8.3
	Meningococcal Meningitis	1.4	0	0	0	0.7	0.4	0.2	0	0.2	0.7	1.6	-	0.4
Enterics	Amebiasis	0	0	0	0	0	0	0.2	0.6	0.2	0.7	0	-	0.2
	Botulism	1.1	0	0	0	0	0	0.2	0	0	0.2	0	-	0.1
	Campylobacteriosis	35.5	14.5	9.6	9.2	9.3	9.2	13.3	11.8	13.4	13.3	11.2	-	13.8
	Cholera	0	0	0	0	0	0	0	0	0	0	0	-	0
	Cryptosporidiosis	0.7	0.4	1.1	0	0.4	0.9	1.5	1.0	0.7	0.9	0	-	0.8
	<i>E. Coli</i> O157.H7	12.9	2.1	1.8	1.5	1.4	0.9	0.9	0.4	0.5	1.9	3.2	-	2.0
	Giardiasis	5.4	2.1	1.4	0.7	1.1	2.0	3.0	0.8	1.7	0.9	0	-	1.9
	Listeriosis	0	0	0	0	0	0.2	0	0.2	0.7	0.2	0	-	0.2
	Norovirus ¹	2.5	2.5	0.4	0.4	0.4	0.2	1.3	1.6	2.4	3.3	20.7	-	1.8
	Salmonella Paratyphi	0	0.4	0.4	0	0	0.2	0	0	0	0	0	-	0.1
	Salmonellosis	32.6	14.2	6.8	7.7	7.5	5.8	6.3	7.5	4.5	13.1	17.6	-	9.9
	Shigellosis	24.4	13.5	7.5	3.0	4.7	3.8	2.5	2.2	2.4	1.2	1.6	-	5.4
	Typhoid	0	0	0	0	0	0.2	0	0	0	0	0	-	0.0
Mycosis	Coccidioidomycosis	24.4	59.6	117.2	246.7	262.5	333.7	442.7	459.3	477.3	597.1	536.1	-	345.4
Zoonoses/ Vectorborne	Brucellosis	0	0	0	0	0	0.4	0	0.2	0	0	0	-	0.1
	Dengue	0	0	0	0	0	0.4	0	0.2	0	0	0	-	0.1
	Hantavirus Pulm. Syn.	0	0	0	0.4	0	0	0	0	0	0	0	-	0.0
	Lyme Disease	0	0	0.7	0	0.7	0	0	0.2	0.2	0.2	0	-	0.2
	Malaria	0.4	0	0	0	0.7	1.1	0.4	0.0	0.7	0.7	0	-	0.4
	West Nile Virus	0	0	0	0	0	0.2	1.1	2.2	2.4	3.8	1.6	-	1.2
Hepatitides	Hepatitis A	0	0	0	1.8	2.9	0.7	0.6	2.6	3.4	1.7	3.2	-	1.4
	Hepatitis B (Acute)	0	0	0.7	1.1	1.4	5.3	7.2	6.1	4.5	1.9	0	-	3.5
	Hepatitis D	0	0	0	0	0	0	0	0	0	0	0	-	0
Other	Legionellosis	0	0	0	0	0	0.2	0	0.4	0.7	4.7	3.2	-	0.7
	MRSA	1.4	0.4	2.1	1.8	5.4	6.5	11.6	23.0	37.3	77.1	111.7	-	20.7
	RSV ¹	702.9	22.0	6.4	4.1	3.2	2.5	3.8	5.7	6.5	7.4	17.6	-	62.0
	Strep Group A	2.2	1.1	0.7	0	0.7	1.5	3.4	4.1	3.4	6.9	12.8	-	2.9
	Strep Group B ² Invasive	0.4	0	0	0	0	0	0	0	0	0	0	-	0.4
	Strep Pneumo Invasive	11.1	1.8	3.2	0.7	4.7	4.2	6.8	12.8	18.7	32.5	49.5	-	11.2
	Toxic Shock Syndrome	0	0	0	0.7	0	0	0	0	0	0	0	-	0.1
	Vibrio spp.	0	0	0	0	0	0.9	0.4	0.8	0.7	0.5	0	-	0.4
	Yersiniosis	0.4	0	0	0	0	0	0.2	0.2	0.2	0	0	-	0.1
	Hansen's Disease ¹	0	0	0	0	0	0	0	0	0	0	0	-	0
Tuberculosis¹	0.7	0	0.4	0.4	3.9	3.1	4.0	2.8	4.1	6.9	6.4	-	3.0	
Sexually Transmitted Diseases	Genital Herpes ¹	1.1	0.4	0.4	36.9	97.3	81.4	50.7	32.0	17.0	8.1	0.0	-	35.0
	Gonorrhea ¹	0.4	0.4	5.7	281.4	386.4	153.3	61.5	31.2	9.6	2.4	0.0	-	83.4
	Syphilis – Primary and Secondary ¹	0	0	0	1.5	14.0	13.1	8.0	6.7	1.2	0.9	0	-	5.2
	Syphilis – All Others ¹	3.6	0	0	2.6	16.9	26.5	20.5	16.7	5.0	1.4	0	-	11.1
	Chlamydia ¹	1.4	0.4	39.5	1,846.4	2,262.6	722.9	179.5	57.8	13.2	4.0	0	-	431.0
	HIV ¹	0.4	0	0	4.8	19.4	19.2	16.0	8.4	2.9	0.5	0	-	8.1
	AIDS ¹	0	0	0	0.7	5.7	12.5	11.4	13.8	6.0	1.7	0	-	6.4
All Others	10.1	49.7	48.8	12.2	3.9	2.7	2.3	4.5	3.8	8.5	70.2	-	14.1	
Total	938.8	205.1	276.4	2,487.0	3,140.2	1,438.8	893.5	748.7	676.4	837.6	879.1	-	1,112.7	

² Confirmed cases only

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

Maricopa County 2011 Communicable Disease Statistics

Table 3.03a Number of Cases of Selected Reportable Diseases by Sex

Disease		Number of Cases by Sex			Total
		Male	Female	Unk.	
Vaccine Preventable	<i>H. influenzae</i>	20	32	0	52
	Measles	1	0	0	1
	Mumps	0	0	0	0
	Pertussis	224	473	1	698
Central Nervous System	Enceph Viral Other	1	3	0	4
	Meningitis Viral/Aseptic	140	180	1	321
	Meningococcal	10	3	1	14
Enterics	Amebiasis	8	0	0	8
	Botulism	5	0	0	5
	Campylobacteriosis	276	257	1	534
	Cholera	0	0	0	0
	Cryptosporidiosis	17	15	0	32
	<i>E. Coli</i> O157.H7	27	52	0	79
	Giardiasis	44	29	0	73
	Listeriosis	2	4	0	6
	Norovirus ¹	27	42	1	70
	Salmonella Paratyphi	1	2	0	3
	Salmonellosis	175	210	0	385
	Shigellosis	96	114	0	210
	Typhoid	0	1	0	1
Mycosis	Coccidioidomycosis	5,574	7,697	133	13,404
Zoonoses/ Vectorborne	Brucellosis	0	3	0	3
	Dengue	2	1	0	3
	Hantavirus Pulm. Syn.	0	1	0	1
	Lyme Disease	7	0	0	7
	Malaria	12	5	0	17
	West Nile Virus	26	19	0	45
Hepatitides	Hepatitis A	30	26	0	56
	Hepatitis B (Acute)	86	49	0	135
	Hepatitis D	0	0	0	0
Other	Legionellosis	20	8	0	28
	MRSA	456	313	36	805
	RSV ¹	1,121	890	393	2,404
	Strep Group A	71	40	1	112
	Strep Group B ² Invasive	10	14	0	24
	Strep Pneumo Invasive	227	195	12	434
	Toxic Shock Syndrome	0	2	0	2
	Vibrio spp.	10	6	0	16
	Yersiniosis	2	2	0	4
	Hansen's Disease ¹	0	0	0	0
Tuberculosis¹		69	48	0	117
Sexually Transmitted Diseases	Genital Herpes ¹	504	856	0	1,360
	Gonorrhea ¹	1,719	1,517	0	3,236
	Syphilis – Primary and Secondary ¹	192	8	0	200
	Syphilis – All Others ¹	342	88	0	430
	Chlamydia ¹	4,784	11,939	0	16,723
	HIV ¹	267	48	0	315
	AIDS ¹	216	33	0	249
All Others		236	298	12	546
Total		17,060	25,523	592	43,175

¹ Confirmed cases only

² Streptococcal Group B Invasive disease is only reportable for cases in infants under 90 days.

Maricopa County 2011 Communicable Disease Statistics

Table 3.03b Case Rates per 100,000 Residents for Selected Reportable Diseases by Sex

Disease		Rate of Cases by Sex			Total
		Male	Female	Unk.	
Vaccine Preventable	<i>H. influenzae</i>	1.0	1.6	-	1.3
	Measles	0.1	0	-	0.0
	Mumps	0	0	-	0
	Pertussis	11.7	24.1	-	18.0
Central Nervous System	Enceph Viral Other	0.1	0.2	-	0.1
	Meningitis Viral/Aseptic	7.3	9.2	-	8.3
	Meningococcal Meningitis	0.5	0.2	-	0.4
Enterics	Amebiasis	0.4	0	-	0.2
	Botulism	0.3	0	-	0.1
	Campylobacteriosis	14.4	13.1	-	13.8
	Cholera	0	0	-	0
	Cryptosporidiosis	0.9	0.8	-	0.8
	<i>E. Coli</i> O157.H7	1.4	2.7	-	2.0
	Giardiasis	2.3	1.5	-	1.9
	Listeriosis	0.1	0.2	-	0.2
	Norovirus ¹	1.4	2.1	-	1.8
	Salmonella Paratyphi	0.1	0.1	-	0.1
	Salmonellosis	9.1	10.7	-	9.9
	Shigellosis	5.0	5.8	-	5.4
	Typhoid	0.0	0.1	-	0.0
	Mycosis	Coccidioidomycosis	290.2	392.8	-
Zoonoses/ Vectorborne	Brucellosis	0	0	-	0.1
	Dengue	0.1	0.1	-	0.1
	Hantavirus Pulm. Syn.	0	0.1	-	0.0
	Lyme Disease	0.4	0.0	-	0.2
	Malaria	0.6	0.3	-	0.4
	West Nile Virus	1.4	1.0	-	1.2
Hepatitides	Hepatitis A	1.6	1.3	-	1.4
	Hepatitis B (Acute)	4.5	2.5	-	3.5
	Hepatitis D	0	0	-	0
Other	Legionellosis	1.0	0.4	-	0.7
	MRSA	23.7	16.0	-	20.7
	RSV ¹	58.4	45.4	-	62.0
	Strep Group A	3.7	2.0	-	2.9
	Strep Group B ² Invasive	0.4	0.5	-	0.4
	Strep Pneumo Invasive	11.8	10.0	-	11.2
	Toxic Shock Syndrome	0	0.1	-	0.1
	Vibrio spp.	0.5	0.3	-	0.4
	Yersiniosis	0.1	0.1	-	0.1
	Hansen's Disease ¹	0	0	-	0
Tuberculosis¹		3.6	2.4	-	3.0
Sexually Transmitted Diseases	Genital Herpes ¹	26.2	43.7	-	35.0
	Gonorrhea ¹	89.5	77.4	-	83.4
	Syphilis – Primary and Secondary ¹	10.0	0.4	-	5.2
	Syphilis – All Others ¹	17.8	4.5	-	11.1
	Chlamydia ¹	249.1	609.3	-	431.0
	HIV ¹	13.9	2.4	-	8.1
	AIDS ¹	11.2	1.7	-	6.4
All Others		12.3	15.2	-	14.1
Total		888.2	1,302.5	-	1,112.7

² Confirmed cases only

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

Maricopa County 2011 Communicable Disease Statistics

Table 3.04 Case Rate Comparisons to Arizona, U.S. and Healthy People 2020 Goals for Selected Diseases

Disease	2011 Maricopa County		Crude Case Rate (Cases per 100,000 Residents)		
	Number of cases	Crude Case Rate (Cases per 100,000 Residents)	Arizona 2010	U.S. 2010	Healthy People 2020 Goal
Salmonellosis	385	9.9	14.3	17.7	11.4
AIDS	249	6.4	5.6	-	-
HIV	315	8.1	6.3	-	-
Tuberculosis	117	3.0	3.6	3.6	1.0
Hepatitis B (Acute Cases Only)	135	3.5	2.3	1.1	-
Hepatitis A	56	1.4	1.1	0.5	-
Syphilis (Primary and Secondary)	200	5.2	3.6	4.5	-
Pertussis	698	18.0	1.2	9.0	-
Rubella	0	0	0.0	0	0
Mumps	0	0	0.1	0.9	0
Measles	1	0.0	0.0	0.02	0

IV. Maricopa County 2011 Natality (Birth) Statistics

Maricopa County 2011 Natality (Birth) Statistics

Table 4.01 Number and Percent of Births by Age & Race/Ethnicity of Mother

Age Group of Mother	Number and Percent of Live Births by Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<15	8	0.0	41	0.2	7	0.2	5	0.3	1	0.0	0	0.0	62	0.1
15-19	1,135	4.6	2,880	13.6	409	12.9	229	14.4	61	2.4	4	2.4	4,718	8.8
20-24	4,814	19.4	6,120	29	944	29.7	509	32.1	264	10.5	19	11.4	12,670	23.7
25-29	7,737	31.2	5,443	25.8	847	26.6	419	26.4	708	28.1	29	17.4	15,183	28.5
30-34	6,978	28.2	4,040	19.1	596	18.7	276	17.4	899	35.7	38	22.8	12,827	24
35-39	3,310	13.4	2,115	10.0	306	9.6	127	8.0	480	19.1	37	22.2	6,375	11.9
40-44	753	3.0	469	2.2	65	2.0	20	1.3	97	3.9	27	16.2	1,431	2.7
45+	51	0.2	16	0.1	6	0.2	1	0.1	8	0.3	13	7.8	95	0.2
Total	24,786		21,124		3,180		1,586		2,518		167		53,361	

Table 4.02 Number and Percent of Births by Marital Status & Race/Ethnicity of Mother

Marital Status of Mother	Number and Percent of Live Births by Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Married	17,625	71.1	8,769	41.5	1,049	33.0	363	22.9	2,105	83.6	132	79.0	30,043	56.3
Single	6,978	28.2	12,105	57.3	2,091	65.8	1,188	74.9	401	15.9	34	20.4	22,797	42.7
Refused	110	0.4	180	0.9	31	1.0	19	1.2	4	0.2	1	0.6	345	0.6
Divorced	14	0.1	6	0.0	0	0.0	1	0.1	1	0.0	0	0.0	22	0.00
Unknown	59	0.2	64	0.3	9	0.3	15	0.9	7	0.3	0	0.0	154	0.3
Total	24,786		21,124		3,180		1,586		2,518		167		53,361	

Table 4.03 Number and Percent of Births by Educational Level & Race/Ethnicity of Mother

Education Level of Mother	Number and Percent of Live Births by Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
< 6th Grade	70	0.3	440	2.1	76	2.4	2	0.1	48	1.9	2	1.2	638	1.2
6-11th Grade	1,621	6.5	7,433	35.2	481	15.1	414	26.1	114	4.5	3	1.8	10,066	18.9
HS Diploma	5,587	22.5	7,332	34.7	1,190	37.4	525	33.1	447	17.8	7	4.2	15,088	28.3
College+	17,093	69	5,756	27.2	1,390	43.7	629	39.7	1,870	74.3	31	18.6	26,769	50.2
Unknown	415	1.7	163	0.8	43	1.4	16	1.0	39	1.5	124	74.3	800	1.5
Total	24,786		21,124		3,180		1,586		2,518		167		53,361	

Maricopa County 2011 Natality (Birth) Statistics

Table 4.04 Number and Percent of Births by Method of Payment & Race/Ethnicity of Mother

Method of Payment	Number and Percent of Live Births by Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
AHCCCS	8,040	32.4	15,860	75.1	2,221	69.8	1,029	64.9	720	28.6	111	66.5	27,981	52.4
Indian Health Service	25	0.1	11	0.1	4	0.1	170	10.7	4	0.2	0	0.0	214	0.4
Private Insurance	15,707	63.4	4,710	22.3	885	27.8	362	22.8	1,715	68.1	39	23.4	23,418	43.9
Self	901	3.6	472	2.2	54	1.7	20	1.3	68	2.7	10	6	1,525	2.9
Unknown	113	0.5	71	0.3	16	0.5	5	0.3	11	0.4	7	4.2	223	0.4
Total	24,786		21,124		3,180		1,586		2,518		167		53,361	

Table 4.05 Trimester of First Prenatal Care & Race/Ethnicity of Mother

Trimester of First Prenatal Care	Number and Percent of Live Births by Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
First	22,464	90.6	16,975	80.4	2,593	81.5	1,142	72	2,218	88.1	94	56.3	45,486	85.2
Second	1,684	6.8	3,042	14.4	414	13	309	19.5	210	8.3	38	22.8	5,697	10.7
Third	323	1.3	634	3.0	89	2.8	86	5.4	52	2.1	6	3.6	1,190	2.2
No PNC	146	0.6	399	1.9	55	1.7	35	2.2	26	1.0	25	15.0	686	1.3
Unknown	169	0.7	74	0.4	29	0.9	14	0.9	12	0.5	4	2.4	302	0.6
Total	24,786		21,124		3,180		1,586		2,518		167		53,361	

Table 4.06 Number and Percent of Prenatal Care Visits & Race/Ethnicity of Mother

Number of Prenatal Care Visits	Number and Percent of Live Births by Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
None	146	0.6	399	1.9	55	1.7	35	2.2	26	1.0	25	15.0	686	1.3
1 to 4	317	1.3	750	3.6	123	3.9	126	7.9	45	1.8	17	10.2	1,378	2.6
5 to 8	2,143	8.6	2,953	14.0	401	12.6	347	21.9	276	11.0	24	14.4	6,144	11.5
9 to 12	11,538	46.6	10,270	48.6	1,448	45.5	733	46.2	1,145	45.5	64	38.3	25,198	47.2
13 to 16	8,348	33.7	5,696	27	900	28.3	266	16.8	856	34.0	29	17.4	16,095	30.2
17 or More	2,101	8.5	969	4.6	219	6.9	64	4.0	154	6.1	4	2.4	3,511	6.6
Unknown	193	0.8	87	0.4	34	1.1	15	0.9	16	0.6	4	2.4	349	0.7
Total	24,786		21,124		3,180		1,586		2,518		167		53,361	

Maricopa County 2011 Natality (Birth) Statistics

**Table 4.07 Adequacy of Prenatal Care & Race/Ethnicity of Mother
Singleton Births Only (Excludes Twins and Other Multiple Births)**

Adequacy of Prenatal Care	Number and Percent of Live Births by Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Inadequate	1,375	5.7	2,855	13.8	400	13.0	343	22.0	200	8.2	62	38.8	5,235	10.1
Intermediate	2,759	11.5	2,929	14.2	396	12.9	286	18.3	284	11.7	18	11.3	6,672	12.9
Adequate	10,933	45.7	8,558	41.4	1,172	38.2	564	36.2	1,064	43.7	49	30.6	22,340	43.1
Adequate Plus	8,659	36.2	6,260	30.3	1,068	34.8	353	22.6	870	35.7	28	17.5	17,238	33.3
Information Missing	190	0.8	90	0.4	33	1.1	13	0.8	18	0.7	3	1.9	347	0.7
Total	23,916		20,692		3,069		1,559		2,436		160		51,832	

Table 4.08 Birthweight of Infant & Race/Ethnicity of Mother

Birthweight of Infant	Number and Percent of Live Births by Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1500 Grams	278	1.1	242	1.1	88	2.8	19	1.2	29	1.2	2	1.2	658	1.2
1500-2499 Grams	1,336	5.4	1,130	5.3	326	10.3	81	5.1	172	6.8	17	10.2	3,062	5.7
2500-4249 Grams	22,302	90.0	19,136	90.6	2,704	85.0	1,400	88.3	2,279	90.5	141	84.4	47,962	89.9
>4249 Grams	869	3.5	615	2.9	62	1.9	86	5.4	38	1.5	4	2.4	1,674	3.1
Unknown	1	0.0	1	0.0	0	0.0	0	0.0	0	0.0	3	1.8	5	0.0
Total	24,786		21,124		3,180		1,586		2,518		167		53,361	

Table 4.09 Preterm Births (Less than 37 Weeks Gestation) & Race/ Ethnicity of Mother

Gestational Estimate	Number and Percent of Live Births by Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Less than 34 Weeks	608	2.5	529	2.5	137	4.3	42	2.6	66	2.6	14	8.4	1,396	2.6
Late Preterm (34-36 Weeks)	1,667	6.7	1,501	7.1	271	8.5	111	7.0	160	6.4	10	6.0	3,720	7.0
37 Weeks or More	22,511	90.8	19,094	90.4	2,772	87.2	1,433	90.4	2,292	91.0	142	85.0	48,244	90.4
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.6	1	0.0
Total	24,786		21,124		3,180		1,586		2,518		167		53,361	

Maricopa County 2011 Natality (Birth) Statistics

Table 4.10 Number and Percent of Births by Medical Risk Factor & Race/Ethnicity of Mother

Medical Risk Factor	Number and Percent of Live Births by Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
No Medical Risk Present	15,955	64.4	14,480	68.5	1,903	59.8	710	44.8	1,672	66.4	83	49.7	34,803	65.2
Medical Risk Present	8,831	35.6	6,644	31.5	1,277	40.2	876	55.2	846	33.6	84	50.3	18,558	34.8
Total	24,786		21,124		3,180		1,586		2,518		167		53,361	

Table 4.11 Number and Percent of Births by Type of Delivery & Race/Ethnicity of Mother

Type of Delivery	Number and Percent of Live Births by Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Vaginal	17,308	69.8	15,762	74.6	2,159	67.9	1,172	73.9	1,662	66.0	119	71.3	38,182	71.6
Primary C-Section	4,166	16.8	2,607	12.3	549	17.3	214	13.5	511	20.3	28	16.8	8,075	15.1
Repeat C-Section	3,312	13.4	2,755	13.0	472	14.8	200	12.6	345	13.7	20	12.0	7,104	13.3
Total	24,786		21,124		3,180		1,586		2,518		167		53,361	

Table 4.12 Number and Percent of Births by Birth Attendee & Race/ Ethnicity of Mother

Birth Attendee	Number and Percent of Live Births by Race/Ethnicity												Total	
	White		Hispanic		African American		American Indian		Asian		Other/Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Medical Doctor	20,582	83	18,967	89.8	2,762	86.9	1,127	71.1	2,225	88.4	135	80.8	45,798	85.8
Doctor of Osteopathy	3,240	13.1	1,645	7.8	337	10.6	92	5.8	233	9.3	22	13.2	5,569	10.4
Certified Nurse Midwife	535	2.2	422	2	59	1.9	362	22.8	45	1.8	5	3	1,428	2.7
Midwife	355	1.4	68	0.3	12	0.4	3	0.2	12	0.5	1	0.6	451	0.8
Other	74	0.3	22	0.1	10	0.3	2	0.1	3	0.1	4	2.4	115	0.2
Total	24,786		21,124		3,180		1,586		2,518		167		53,361	

Maricopa County 2011 Natality (Birth) Statistics

Table 4.13 Number and Percent of Births by Marital Status & Age Group of Mother

Marital Status of Mother	Number and Percent of Live Births by Age Group of Mother																Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%				
Married	0	0.0	482	10.2	4,491	35.4	9,607	63.3	9,564	74.6	4,796	75.2	1,027	71.8	76	80	30,043	56.3
Single	62	100	4,226	89.6	8,070	63.7	5,420	35.7	3,123	24.3	1,500	23.5	379	26.5	17	17.9	22,797	42.7
Refused	0	0.0	6	0.1	72	0.6	105	0.7	92	0.7	55	0.9	15	1	0	0.0	345	0.6
Divorced	0	0.0	0	0.0	5	0.0	9	0.1	5	0.0	3	0.0	0	0.0	0	0.0	22	0.0
Unknown	0	0.0	4	0.1	32	0.3	42	0.3	43	0.3	21	0.3	10	0.7	2	2.1	154	0.3
Total	62		4,718		12,670		15,183		12,827		6,375		1,431		95		53,361	

Table 4.14 Number and Percent of Births by Educational Level & Age Group of Mother

Educational Level of Mother	Number and Percent of Live Births by Age Group of Mother																Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%				
< 6th Grade	1	1.6	22	0.5	99	0.8	154	1.0	183	1.4	140	2.2	35	2.4	4	4.2	638	1.2
6-11th Grade	60	96.8	2,367	50.2	2,707	21.4	2,178	14.3	1,607	12.5	941	14.8	200	14.0	6	6.3	10,066	18.9
HS Diploma	0	0.0	1,871	39.7	5,367	42.4	4,040	26.6	2,483	19.4	1,061	16.6	248	17.3	18	18.9	15,088	28.3
College+	0	0.0	416	8.8	4,348	34.3	8,602	56.7	8,344	65.1	4,107	64.4	902	63.0	50	52.6	26,769	50.2
Unknown	1	1.6	42	0.9	149	1.2	209	1.4	210	1.6	126	2.0	46	3.2	17	17.9	800	1.5
Total	62		4,718		12,670		15,183		12,827		6,375		1,431		95		53,361	

Table 4.15 Number and Percent of Births by Method of Payment & Age Group of Mother

Method of Payment	Number and Percent of Live Births by Age Group of Mother																Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%				
AHCCCS	56	90.3	4,107	87.0	9,148	72.2	7,164	47.2	4,665	36.4	2,298	36.0	513	35.8	30	31.6	27,981	52.4
Indian Health Service	2	3.2	28	0.6	61	0.5	59	0.4	39	0.3	22	0.3	3	0.2	0	0.0	214	0.4
Private Insurance	3	4.8	488	10.3	3,142	24.8	7,428	48.9	7,644	59.6	3,786	59.4	870	60.8	57	60.0	23,418	43.9
Self	1	1.6	70	1.5	262	2.1	463	3.0	438	3.4	246	3.9	39	2.7	6	6.3	1,525	2.9
Unknown	0	0.0	25	0.5	57	0.4	69	0.5	41	0.3	23	0.4	6	0.4	2	2.1	223	0.4
Total	62		4,718		12,670		15,183		12,827		6,375		1,431		95		53,361	

Maricopa County 2011 Natality (Birth) Statistics

Table 4.16 Trimester of First Prenatal Care & Age Group of Mother

Trimester of First Prenatal Care	Number and Percent of Live Births by Age Group of Mother																Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
First	41	66.1	3,457	73.3	10,276	81.1	13,338	87.8	11,469	89.4	5,607	88.0	1,226	85.7	72	75.8	45,486	85.2
Second	14	22.6	939	19.9	1,707	13.5	1,359	9.0	976	7.6	543	8.5	145	10.1	14	14.7	5,697	10.7
Third	5	8.1	209	4.4	380	3.0	254	1.7	195	1.5	117	1.8	28	2.0	2	2.1	1,190	2.2
None	2	3.2	88	1.9	232	1.8	141	0.9	122	1	73	1.1	22	1.5	6	6.3	686	1.3
Unknown	0	0.0	25	0.5	75	0.6	91	0.6	65	0.5	35	0.5	10	0.7	1	1.1	302	0.6
Total	62		4,718		12,670		15,183		12,827		6,375		1,431		95		53,361	

Table 4.17 Number and Percent of Prenatal Care Visits & Age Group of Mother

Number of Prenatal Care Visits	Number and Percent of Live Births by Age Group of Mother																Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
None	2	3.2	88	1.9	232	1.8	141	0.9	122	1.0	73	1.1	22	1.5	6	6.3	686	1.3
1 to 4	5	8.1	222	4.7	460	3.6	321	2.1	215	1.7	121	1.9	32	2.2	2	2.1	1,378	2.6
5 to 8	16	25.8	859	18.2	1,755	13.9	1,530	10.1	1,182	9.2	655	10.3	138	9.6	9	9.5	6,144	11.5
9 to 12	26	41.9	2,306	48.9	6,045	47.7	7,138	47.0	6,116	47.7	2,909	45.6	624	43.6	34	35.8	25,198	47.2
13 to 16	10	16.1	1,026	21.7	3,430	27.1	4,948	32.6	4,192	32.7	2,013	31.6	451	31.5	25	26.3	16,095	30.2
17 or More	3	4.8	187	4.0	661	5.2	998	6.6	930	7.3	561	8.8	153	10.7	18	18.9	3,511	6.6
Unknown	0	0.0	30	0.6	87	0.7	107	0.7	70	0.5	43	0.7	11	0.8	1	1.1	349	0.7
Total	62		4,718		12,670		15,183		12,827		6,375		1,431		95		53,361	

Maricopa County 2011 Natality (Birth) Statistics

**Table 4.18 Adequacy of Prenatal Care & Age Group of Mother
Singleton Births Only (Excludes Twins and Other Multiple Births)**

Adequacy of Prenatal Care	Number and Percent of Live Births by Age Group of Mother																Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%				
Inadequate	19	31.7	858	18.4	1,638	13.2	1,203	8.1	881	7.1	496	8.1	128	9.5	12	16.2	5,235	10.1
Intermediate	8	13.3	707	15.2	1,658	13.4	1,821	12.3	1,560	12.5	759	12.4	151	11.2	8	10.8	6,672	12.9
Adequate	22	36.7	1,810	38.9	5,240	42.3	6,631	44.9	5,591	45	2,519	41.2	506	37.4	21	28.4	22,340	43.1
Adequate Plus	11	18.3	1,248	26.8	3,766	30.4	4,999	33.9	4,330	34.8	2,292	37.5	560	41.4	32	43.2	17,238	33.3
Information Missing	0	0.0	30	0.6	88	0.7	109	0.7	69	0.6	41	0.7	9	0.7	1	1.4	347	0.7
Total	60		4,653		12,390		14,763		12,431		6,107		1,354		74		51,832	

Table 4.19 Birthweight of Infant & Age Group of Mother

Birthweight of Infant	Number and Percent of Live Births by Age Group of Mother																Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%				
<1500 Grams	1	1.6	62	1.3	160	1.3	172	1.1	166	1.3	78	1.2	17	1.2	2	2.1	658	1.2
1500-2499 Grams	1	1.6	347	7.4	762	6.0	743	4.9	654	5.1	421	6.6	113	7.9	21	22.1	3,062	5.7
2500-4249 Grams	60	96.8	4,236	89.8	11,448	90.4	13,783	90.8	11,498	89.6	5,617	88.1	1,250	87.4	70	73.7	47,962	89.9
>4249 Grams	0	0.0	72	1.5	299	2.4	483	3.2	508	4.0	259	4.1	51	3.6	2	2.1	1,674	3.1
Unknown	0	0.0	1	0.0	1	0.0	2	0.0	1	0.0	0	0.0	0	0.0	0	0.0	5	0.0
Total	62		4,718		12,670		15,183		12,827		6,375		1,431		95		53,361	

Table 4.20 Preterm Births (Less Than 37 Weeks Gestation) & Age Group of Mother

Gestational Estimate	Number and Percent of Live Births by Age Group of Mother																Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%				
Less than 34 Weeks	1	1.6	132	2.8	328	2.6	369	2.4	313	2.4	200	3.1	44	3.1	9	9.5	1,396	2.6
Late Preterm (34-36 Weeks)	2	3.2	320	6.8	886	7	956	6.3	893	7	511	8	134	9.4	18	18.9	3,720	7
37 Weeks or More	59	95.2	4,266	90.4	11,456	90.4	13,858	91.3	11,620	90.6	5,664	88.8	1,253	87.6	68	71.6	48,244	90.4
Unknown	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
Total	62		4,718		12,670		15,183		12,827		6,375		1,431		95		53,361	

Maricopa County 2011 Natality (Birth) Statistics

Table 4.21 Number and Percent of Births by Medical Risk Factor & Age Group of Mother

Medical Risk Factor	Number and Percent of Live Births by Age Group of Mother																Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%				
No Medical Risk Present	28	45.2	2,900	61.5	8,524	67.3	10,380	68.4	8,687	67.7	3,542	55.6	710	49.6	32	33.7	34,803	65.2
Medical Risk Present	34	54.8	1,818	38.5	4,146	32.7	4,803	31.6	4,140	32.3	2,833	44.4	721	50.4	63	66.3	18,558	34.8
Total	62		4,718		12,670		15,183		12,827		6,375		1,431		95		53,361	

Table 4.22 Number and Percent of Births by Birth Attendee & Age Group of Mother

Birth Attendee	Number and Percent of Live Births by Age Group of Mother																Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%				
Medical Doctor	57	91.9	4,147	87.9	10,769	85	12,930	85.2	11,001	85.8	5,524	86.7	1,289	90.1	81	85.3	45,798	85.8
Doctor of Osteopathy	2	3.2	416	8.8	1,429	11.3	1,636	10.8	1,338	10.4	628	9.9	111	7.8	9	9.5	5,569	10.4
Certified Nurse Midwife	3	4.8	147	3.1	391	3.1	430	2.8	306	2.4	127	2	22	1.5	2	2.1	1,428	2.7
Midwife	0	0	2	0	68	0.5	149	1	142	1.1	81	1.3	8	0.6	1	1.1	451	0.8
Other	0	0	6	0.1	13	0.1	38	0.3	40	0.3	15	0.2	1	0.1	2	2.1	115	0.2
Total	62	100	4,718	100	12,670	100	15,183	100	12,827	100	6,375	100	1,431	100	95	100	53,361	100

Table 4.23 Number and Percent of Births by Type of Delivery & Age Group of Mother

Type of Delivery	Number and Percent of Live Births by Age Group of Mother																Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		No.	%
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%				
Vaginal	52	83.9	3,875	82.1	9,658	76.2	11,085	73	8,728	68	3,946	61.9	799	55.8	39	41.1	38,182	71.6
Primary C-Section	10	16.1	725	15.4	1,837	14.5	2,119	14	1,904	14.8	1,109	17.4	329	23	42	44.2	8,075	15.1
Repeat C-Section	0	0	118	2.5	1,175	9.3	1,979	13	2,195	17.1	1,320	20.7	303	21.2	14	14.7	7,104	13.3
Total	62	100	4,718	100	12,670	100	15,183	100	12,827	100	6,375	100	1,431	100	95	100	53,361	100

Maricopa County 2011 Natality (Birth) Statistics

Table 4.24 Comparisons to Arizona, U.S. and Healthy People 2020 Goals for Selected Natality Measures

		Maricopa County 2011		Arizona 2010	U.S. 2011 ¹	Healthy People 2020 Goal
		Number of Individuals	Rate or Percent			
Unlinked Infant Mortality – Rate per 1,000 live births	Neo-natal	203	3.8	3.8	4.0	4.1
	Post-natal	105	1.9	2.2	2.0	2.0
	Total	308	5.8	6.0	6.1	6.0
Low birthweight births (< 2500g) – Percent of live births		3,720	7.0%	7.1%	8.1%	7.8%
Births to teen mothers – Percent of live births	10-14 Years Old	62	0.12%	0.12%	0.1%	-
	15-17 Years Old	1,377	2.6%	3.3%	2.4%	-
	15-19 Years Old	4,718	8.8%	10.7%	8.3%	-
	Total 10-19 Years Old	4,780	9.0%	10.8%	8.4%	-
Maternal Mortality ² – Rate per 100,000 live births		7	13.1	-	Not Available	11.4
Pregnancy-related Mortality – Rate per 100,000 live births		12	22.5	-	-	-

1. All figures are Preliminary 2011 U.S. data.
2. See Technical Notes for an explanation on the increase in maternal deaths .
3. See Technical Notes for an explanation on why the Maternal Mortality rate is unavailable at the national level.

V. Maricopa County 2011 Hospital Discharge Statistics

Maricopa County 2011 Hospital Discharge Statistics

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

Age Group	Number of Discharges by Race/Ethnicity						Total
	White	Hispanic	African American	American Indian	Asian	Other/Unknown	
0-4	6,803	6,978	1,194	606	349	357	16,287
5-9	2,180	2,063	422	184	69	95	5,013
10-14	2,371	1,861	444	126	53	88	4,943
15-19	3,695	2,408	605	167	113	123	7,111
20-24	5,375	2,768	941	310	142	121	9,657
25-34	13,472	6,002	2,222	792	440	279	23,207
35-44	19,927	7,782	3,073	1,047	598	366	32,793
45-54	33,769	9,167	4,150	1,127	791	495	49,499
55-64	41,692	8,240	3,760	780	851	531	55,854
65-74	45,723	6,364	2,324	483	927	574	56,395
75-84	44,240	4,263	1,541	213	728	376	51,361
85+	26,669	1,534	577	68	279	164	29,291
Unknown	0	0	0	0	0	1	1
Total	245,916	59,430	21,253	5,903	5,340	3,570	341,412

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

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	9,093	7,192	2	16,287
5-9	2,832	2,181	0	5,013
10-14	2,602	2,341	0	4,943
15-19	3,534	3,576	1	7,111
20-24	4,816	4,841	0	9,657
25-34	10,935	12,272	0	23,207
35-44	15,202	17,590	1	32,793
45-54	24,638	24,860	1	49,499
55-64	27,602	28,252	0	55,854
65-74	27,377	29,018	0	56,395
75-84	23,302	28,059	0	51,361
85+	10,761	18,530	0	29,291
Unknown	1	0	0	1
Total	162,695	178,712	5	341,412

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

Maricopa County 2011 Hospital Discharge Statistics

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

Age Group	Number and Percent of Discharges by Sex						Payer	
	Male		Female		Unknown		No.	%
	No.	%	No.	%	No.	%		
Other	6,942	4.3	5,694	3.2	1	20	12,637	3.7
Self Pay	9,938	6.1	6,813	3.8	1	20	16,752	4.9
Private Insurance	41,995	25.8	45,444	25.4	2	40	87,441	25.6
Medicare	71,065	43.7	86,284	48.3	0	0	157,349	46.1
AHCCCS Medicaid	32,755	20.1	34,477	19.3	1	20	67,233	19.7
Total Discharges	162,695	100	178,712	100	5	100	341,412	100

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

Maricopa County 2011 Hospital Discharge Statistics

Table 5.04a Selected Primary Diagnosis Groups by Race/Ethnicity

Number of Discharges

Primary Diagnosis		Number of Discharges by Race/Ethnicity						Total
		White	Hispanic	Black	American Indian	Asian	Other/Unknown	
Infectious and parasitic diseases	Septicemia	9,168	2,356	683	303	232	107	12,849
	Other Infectious and parasitic diseases	4,985	1,563	541	134	188	81	7,492
	All	14,153	3,919	1,224	437	420	188	20,341
Neoplasms	Neoplasms - Other Malignant	1,021	157	51	12	32	11	1,284
	Malignant Neoplasm of large intestine & rectum	1,141	102	77	6	38	5	1,369
	Malignant neoplasm of trachea, bronchus & lung	559	72	33	2	20	6	692
	Malignant neoplasm of breast	2,076	667	319	28	82	43	3,215
	Neoplasms - Benign	6,338	1,134	358	79	190	128	8,227
	Neoplasms - Other	518	86	42	3	12	7	668
	All	11,653	2,218	880	130	374	200	15,455
Endocrine, nutritional and metabolic diseases, and immunity disorders	Diabetes mellitus	3,868	1,864	669	287	60	45	6,793
	Volume depletion (dehydration)	189	27	9	1	2	1	229
	Other Endocrine, nutritional and metabolic diseases, and immunity disorders	5,826	1,582	600	158	191	80	8,437
	All	9,883	3,473	1,278	446	253	126	15,459
Diseases of the blood and blood-forming organs		2,724	2,651	914	920	69	77	51
Mental disorders	Psychoses	6,868	1,157	677	146	154	115	9,117
	Alcohol dependence syndrome	470	60	26	33	3	6	598
	Other Mental disorders	1,527	315	111	53	25	35	2,066
	All	8,865	1,532	814	232	182	156	11,781
Diseases of the nervous system and sense organs		7,052	7,190	1,884	772	207	173	120
Diseases of the circulatory system	Heart disease	9,249	1,431	951	113	163	103	12,010
	Acute myocardial infarction	4,181	648	242	44	96	60	5,271
	Coronary atherosclerosis	4,940	741	269	43	111	68	6,172
	Other ischemic heart disease	260	44	20	2	5	2	333
	Cardiac dysrhythmias	7,981	753	390	60	121	81	9,386
	Congestive heart failure	1,182	187	106	11	17	11	1,514
	Cerebrovascular disease	7,916	1,233	525	69	216	133	10,092
	Other Diseases of the circulatory system	7,943	1,634	954	139	175	71	10,916
	All	43,652	6,671	3,457	481	904	529	55,694

(Continued)

Table 5.04a continued

Maricopa County 2011 Hospital Discharge Statistics

Primary Diagnosis		Number of Discharges by Race/Ethnicity						Total
		White	Hispanic	Black	American Indian	Asian	Other/Unknown	
Diseases of the respiratory system	Acute bronchitis and bronchiolitis	1,412	1,340	189	104	76	41	3,162
	Pneumonia	7,206	1,870	558	193	179	90	10,096
	Chronic bronchitis	4,794	417	244	18	51	26	5,550
	Asthma	2,596	1,266	720	129	61	59	4,831
	Other Diseases of the respiratory system	8,183	2,041	717	236	210	145	11,532
	All	24,191	6,934	2,428	680	577	361	35,171
Diseases of the digestive system	Appendicitis	2,524	1,736	162	72	85	61	4,640
	Noninfectious enteritis and colitis	2,992	615	210	34	55	32	3,938
	Cholelithiasis	514	218	30	102	14	8	886
	Other Diseases of the digestive system	24,968	7,201	1,890	691	536	301	35,587
	All	30,998	9,770	2,292	899	690	402	45,051
Diseases of the genitourinary system	Calculus of kidney and ureter	1,990	539	80	27	43	28	2,707
	Other Diseases of the genitourinary system	13,527	3,906	1,214	319	277	180	19,423
	All	15,517	4,445	1,294	346	320	208	22,130
Diseases of the skin and subcutaneous tissue	Cellulitis and abscess	6,533	1,877	437	287	76	67	9,277
	Other Diseases of the skin and subcutaneous tissue	871	233	114	39	21	16	1,294
	All	7,404	2,110	551	326	97	83	10,571
Diseases of the musculoskeletal system and connective tissue	Osteoarthritis and allied disorders	9,395	794	357	49	88	132	10,815
	Intervertebral disc disorders	2,482	279	139	17	34	30	2,981
	Other - Diseases of the musculoskeletal system and connective tissue	7,616	1,359	552	145	119	81	9,872
	All	19,493	2,432	1,048	211	241	243	23,668
Congenital anomalies		835	1,005	558	96	50	26	41
Certain conditions originating in the perinatal period		948	834	757	140	71	56	65
Symptoms, signs, and ill-defined conditions		16,143	14,500	3,824	1,593	331	255	196
Injury and poisoning	Fractures, all sites	7,271	1,854	379	229	137	137	10,007
	Fracture of neck of femur	3,085	240	39	21	32	24	3,441
	Poisonings	3,519	735	302	115	47	56	4,774
	Other Injury and poisoning	15,599	4,099	1,395	534	344	308	22,279
	All	29,474	6,928	2,115	899	560	525	40,501
Other healthcare encounters	Rehab Services	2,586	339	175	43	60	39	3,242
	Other healthcare encounters	1,867	722	176	45	75	37	2,922
	All	4,453	1,061	351	88	135	76	6,164
Total		245,916	59,430	21,253	5,903	5,340	3,570	341,412

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

Maricopa County 2011 Hospital Discharge Statistics

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

Primary Diagnosis		Hospitalization Rate by Race/Ethnicity						
		White	Hispanic	Black	American Indian.	Asian	Other/Unknown	Total
Infectious and parasitic diseases	Septicemia	307.2	146.9	235.5	419.2	117.1	-	331.1
	Other Infectious and parasitic diseases	228.9	166.0	281.3	275.0	140.5	-	193.1
	All	536.1	312.9	516.8	694.1	257.6	-	524.2
Neoplasms	Malignant Neoplasm of large intestine & rectum	47.8	13.8	38.6	8.4	18.3	-	33.1
	Malignant neoplasm of trachea, bronchus & lung	58.2	8.2	31.3	6.7	20.5	-	35.3
	Malignant neoplasm of breast	27.7	8.2	17.3	1.7	14.6	-	17.8
	Neoplasms - Other Malignant	101.1	64.2	228.7	43.6	77.6	-	82.9
	Neoplasms - Benign	293.4	104.4	208.6	117.4	123.7	-	212.0
	Neoplasms - Other	21.8	6.5	10.1	8.4	12.4	-	17.2
	All	550.0	205.2	534.7	186.1	267.2	-	398.3
Endocrine, nutritional and metabolic diseases, and immunity disorders	Diabetes mellitus	160.5	160.4	326.6	432.6	48.3	-	175.1
	Volume depletion (dehydration)	7.6	2.3	18.5	3.4	1.5	-	5.9
	Other Endocrine, nutritional and metabolic diseases, and immunity disorders	266.8	135.8	337.8	291.7	117.1	-	217.4
	All	434.9	298.6	682.9	727.7	166.9	-	398.4
Diseases of the blood and blood-forming organs		121.3	72.3	484.9	109.0	57.1	-	120.7
Mental disorders	Psychoses	250.3	87.1	307.0	228.0	90.0	-	235.0
	Alcohol dependence syndrome	14.0	5.0	7.3	63.7	0.0	-	15.4
	Other Mental disorders	58.5	30.7	74.4	82.2	23.4	-	53.2
	All	322.8	122.9	388.7	373.9	113.5	-	303.6
Diseases of the nervous system and sense organs		314.8	314.0	155.6	372.5	269.9	-	101.0
Diseases of the circulatory system	Heart disease	403.6	116.9	481.0	181.1	98.1	-	309.5
	Acute myocardial infarction	190.9	59.2	110.7	102.3	63.7	-	135.8
	Coronary atherosclerosis	267.9	85.5	172.8	88.9	105.4	-	159.1
	Other ischemic heart disease	11.0	4.4	17.3	5.0	2.2	-	8.6
	Cardiac dysrhythmias	359.2	71.6	187.9	95.6	85.6	-	241.9
	Congestive heart failure	77.0	25.5	97.3	50.3	26.3	-	39.0
	Cerebrovascular disease	359.1	108.0	290.8	134.1	128.8	-	260.1
	Other Diseases of the circulatory system	371.4	149.6	521.8	233.0	113.5	-	281.3
	All	2,040.0	620.7	1,879.7	890.3	623.6	-	1,435.3

(Continued)

Maricopa County 2011 Hospital Discharge Statistics

Table 5.04b continued

Primary Diagnosis		Hospitalization Rate by Race/Ethnicity						
		White	Hispanic	Black	American Indian.	Asian	Other/Unknown	Total
Diseases of the respiratory system	Other Diseases of the respiratory system	56.9	125.2	125.3	197.8	38.1	-	81.5
	Acute bronchitis and bronchiolitis	311.6	172.8	330.5	372.2	140.5	-	260.2
	Pneumonia	203.2	31.0	132.0	50.3	21.2	-	143.0
	Chronic bronchitis	123.7	132.5	453.6	159.3	52.0	-	124.5
	Asthma	338.5	168.5	403.2	350.4	132.5	-	297.2
	All	1,033.9	630.0	1,444.6	1,130.0	384.3	-	906.4
Diseases of the digestive system	Other Diseases of the digestive system	122.8	167.9	96.2	114.0	68.8	-	119.6
	Appendicitis	133.6	60.4	115.2	70.4	39.5	-	101.5
	Noninfectious enteritis and colitis	21.4	22.4	15.7	196.2	8.1	-	22.8
	Cholelithiasis	1,115.1	664.5	1,071.6	1,197.1	361.6	-	917.1
	All	1,392.9	915.3	1,298.6	1,577.7	478.0	-	1,161.0
Diseases of the genitourinary system	Other Diseases of the genitourinary system	90.3	42.0	40.3	28.5	32.9	-	69.8
	Calculus of kidney and ureter	623.4	379.0	660.5	538.2	232.8	-	500.6
	All	713.6	421.0	700.8	566.7	265.7	-	570.3
Diseases of the skin and subcutaneous tissue	Other Diseases of the skin and subcutaneous tissue	284.3	171.0	236.6	476.2	77.6	-	239.1
	Cellulitis and abscess	38.4	24.3	56.5	58.7	14.6	-	33.3
	All	322.7	195.3	293.1	534.8	92.2	-	272.4
Diseases of the musculoskeletal system and connective tissue	Other - Diseases of the musculoskeletal system and connective tissue	419.5	70.4	184.6	75.4	44.6	-	278.7
	Osteoarthritis and allied disorders	116.9	28.9	73.3	40.2	27.1	-	76.8
	Intervertebral disc disorders	347.2	128.9	323.3	263.2	114.2	-	254.4
	All	883.6	228.2	581.1	378.9	185.9	-	610.0
Congenital anomalies		37.2	46.8	41.9	83.8	19.8	-	45.8
Certain conditions originating in the perinatal period		42.2	75.6	73.8	112.3	43.2	-	49.6
Symptoms, signs, and ill-defined conditions		718.8	393.9	984.3	588.5	259.1	-	533.4
Injury and poisoning	Injury and poisoning	717.6	382.1	758.9	969.1	223.2	-	574.2
	Fractures, all sites	320.3	169.5	228.7	375.6	96.6	-	257.9
	Fracture of neck of femur	133.0	19.7	27.4	36.9	22.0	-	88.7
	Poisonings	717.6	382.1	758.9	969.1	223.2	-	574.2
	All	1,321.3	634.8	1,166.1	1,550.9	386.5	-	1,043.8
Other healthcare encounters	Other healthcare encounters	151.3	35.6	111.3	80.5	35.9	-	83.6
	Rehab Services	88.1	65.3	65.4	80.5	36.6	-	75.3
	All	239.3	100.9	176.7	161.0	72.5	-	158.9
Total		11,024.7	5,429.8	11,621.1	9,935.6	3,773.9	-	8,798.7

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

Maricopa County 2011 Hospital Discharge Statistics

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

Primary Diagnosis		Number of Discharges 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	Septicemia	62	19	18	151	349	717	1,020	1,718	2,185	2,442	2,477	1,691	0	12,849
	Other Infectious and parasitic diseases	683	170	132	203	282	665	803	1,083	1,132	899	878	562	0	7,492
	All	745	189	150	354	631	1,382	1,823	2,801	3,317	3,341	3,355	2,253	0	20,341
Neoplasms	Malignant Neoplasm of large intestine &	0	0	0	0	1	24	57	163	265	339	296	139	0	1,284
	Malignant neoplasm of trachea, bronchus &	3	0	1	4	12	9	37	129	288	469	339	78	0	1,369
	Malignant neoplasm of breast	0	0	0	0	0	16	91	183	157	136	72	37	0	692
	Neoplasms - Other Malignant	30	12	21	39	49	259	761	939	453	366	242	44	0	3,215
	Neoplasms - Benign	111	65	64	69	67	258	529	1,280	2,039	1,980	1,357	408	0	8,227
	Neoplasms - Other	13	5	11	17	10	28	61	103	106	126	120	68	0	668
All	157	82	97	129	139	594	1,536	2,797	3,308	3,416	2,426	774	0	15,455	
Endocrine, nutritional and metabolic diseases, and immunity disorders	Diabetes mellitus	46	68	167	287	446	747	979	1,266	1,272	796	524	195	0	6,793
	Volume depletion (dehydration)	8	12	8	21	55	55	20	11	16	13	9	1	0	229
	Other Endocrine, nutritional and metabolic diseases, and immunity disorders	604	148	66	96	140	539	924	1,282	1,466	1,273	1,147	752	0	8,437
	All	658	228	241	404	641	1,341	1,923	2,559	2,754	2,082	1,680	948	0	15,459
Diseases of the blood and blood-forming organs		190	150	159	157	188	412	511	583	615	661	687	369	0	4,682
Mental disorders	Psychoses	14	144	127	248	756	1,566	1,699	1,955	1,227	699	436	246	0	9,117
	Alcohol dependence syndrome	0	0	0	6	21	63	138	192	105	54	17	2	0	598
	Other Mental disorders	8	19	43	126	235	341	348	386	242	164	97	57	0	2,066
	All	22	163	170	380	1,012	1,970	2,185	2,533	1,574	917	550	305	0	11,781
Diseases of the nervous system and sense organs		559	313	359	419	366	1,084	1,258	1,575	1,368	1,250	1,198	597	0	10,346
Diseases of the circulatory system	Heart disease	19	10	23	34	83	324	663	1,298	1,895	2,459	3,143	2,059	0	12,010
	Acute myocardial infarction	0	0	0	0	1	34	231	808	1,188	1,271	1,058	680	0	5,271
	Coronary atherosclerosis	1	0	0	0	1	19	171	776	1,662	1,896	1,321	325	0	6,172
	Other ischemic heart disease	0	0	0	0	1	12	31	71	70	62	44	42	0	333
	Cardiac dysrhythmias	29	11	13	27	75	186	395	889	1,572	2,324	2,429	1,436	0	9,386
	Congestive heart failure	13	1	3	0	1	17	61	126	216	315	434	327	0	1,514
	Cerebrovascular disease	14	9	7	8	29	151	414	1,052	1,745	2,366	2,609	1,688	0	10,092
	Other Diseases of the circulatory system	68	17	18	57	105	407	884	1,539	2,040	2,319	2,288	1,174	0	10,916
All	144	48	64	126	296	1,150	2,850	6,559	10,388	13,012	13,326	7,731	0	55,694	

(Continued)

Maricopa County 2011 Hospital Discharge Statistics

Table 5.05a continued

Primary Diagnosis		Number of Discharges 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
Diseases of the respiratory system	Acute bronchitis and bronchiolitis	2,357	20	2	5	18	45	81	117	123	108	145	141	0	3,162
	Pneumonia	1,098	404	190	126	159	351	591	1,043	1,370	1,589	1,806	1,369	0	10,096
	Chronic bronchitis	0	0	0	0	2	4	91	661	1,284	1,599	1,362	547	0	5,550
	Asthma	785	608	337	102	134	307	519	670	554	408	268	139	0	4,831
	Other Diseases of the respiratory system	1,283	273	157	259	256	484	690	1,211	1,709	2,001	1,896	1,313	0	11,532
	All	5,523	1,305	686	492	569	1,191	1,972	3,702	5,040	5,705	5,477	3,509	0	35,171
Diseases of the digestive system	Appendicitis	113	452	680	604	426	718	573	451	305	196	89	33	0	4,640
	Noninfectious enteritis and colitis	179	56	81	117	194	406	451	578	572	552	512	240	0	3,938
	Cholelithiasis	4	1	0	1	3	24	82	238	293	171	65	4	0	886
	Other Diseases of the digestive system	708	316	366	709	1,175	3,338	4,514	6,141	5,954	5,141	4,714	2,511	0	35,587
	All	1,004	825	1,127	1,431	1,798	4,486	5,620	7,408	7,124	6,060	5,380	2,788	0	45,051
Diseases of the genitourinary system	Calculus of kidney and ureter	1	8	24	76	104	386	510	550	441	349	194	64	0	2,707
	Other Diseases of the genitourinary system	870	195	201	384	528	1,485	2,354	2,609	2,478	2,838	3,235	2,246	0	19,423
	All	871	203	225	460	632	1,871	2,864	3,159	2,919	3,187	3,429	2,310	0	22,130
Diseases of the skin and subcutaneous tissue	Cellulitis and abscess	695	197	146	235	380	1,006	1,288	1,755	1,344	883	782	566	0	9,277
	Other Diseases of the skin and	89	36	29	59	51	111	171	219	215	134	126	54	0	1,294
	All	784	233	175	294	431	1,117	1,459	1,974	1,559	1,017	908	620	0	10,571
Diseases of the musculoskeletal system and connective tissue	Osteoarthritis and allied disorders	0	0	1	1	6	32	236	1,318	3,025	3,726	2,139	331	0	10,815
	Intervertebral disc disorders	1	1	0	10	38	283	589	752	563	465	233	46	0	2,981
	Other - Diseases of the musculoskeletal system and connective tissue	105	134	214	222	223	565	973	1,724	1,801	1,899	1,372	640	0	9,872
	All	106	135	215	233	267	880	1,798	3,794	5,389	6,090	3,744	1,017	0	23,668
Congenital anomalies		885	113	101	101	51	94	97	111	105	78	31	9	0	1,776
Certain conditions originating in the perinatal period		1,923	0	0	0	0	0	0	0	0	0	0	0	0	1,923
Symptoms, signs, and ill-defined conditions		1,157	261	317	408	439	1,257	2,195	3,582	3,564	3,031	2,827	1,661	0	20,699
Injury and poisoning	Fractures, all sites	353	244	219	474	609	1,097	987	1,218	1,294	1,040	1,266	1,206	0	10,007
	Fracture of neck of femur	4	2	7	7	14	18	36	110	288	493	1,170	1,292	0	3,441
	Poisonings	156	21	81	324	457	888	851	909	607	269	146	65	0	4,774
	Other Injury and poisoning	689	365	379	729	939	2,034	2,404	3,357	3,653	3,644	2,781	1,304	1	22,279
	All	1,202	632	686	1,534	2,019	4,037	4,278	5,594	5,842	5,446	5,363	3,867	1	40,501
Other healthcare encounters	Rehab Services	6	9	9	49	68	120	164	345	516	690	785	481	0	3,242
	Other healthcare encounters	351	124	162	140	110	221	260	423	472	412	195	52	0	2,922
	All	357	133	171	189	178	341	424	768	988	1,102	980	533	0	6,164
Total		16,287	5,013	4,943	7,111	9,657	23,207	32,793	49,499	55,854	56,395	51,361	29,291	1	341,412

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

Maricopa County 2011 Hospital Discharge Statistics

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

Primary Diagnosis		Hospitalization Rate by Age Group													
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unknown	Total
Infectious and parasitic diseases	Septicemia	22.2	6.7	6.4	55.7	125.3	130.0	193.7	337.5	523.0	908.9	1,622.50	2,698.00	-	331.1
	Other Infectious and parasitic diseases	244.8	60.3	47.0	74.9	101.3	120.5	152.5	212.8	271.0	334.6	575.1	896.7	-	193.1
	All	267.0	67.1	53.4	130.5	226.6	250.5	346.2	550.3	794.0	1,243.5	2,197.7	3,594.7	-	524.2
Neoplasms	Malignant Neoplasm of large intestine & rectum	0.0	0.0	0.0	0.0	0.4	4.4	10.8	32.0	63.4	126.2	193.9	221.8	-	33.1
	Malignant neoplasm of trachea, bronchus & lung	1.1	0.0	0.4	1.5	4.3	1.6	7.0	25.3	68.9	174.6	222.1	124.5	-	35.3
	Malignant neoplasm of breast	0.0	0.0	0.0	0.0	0.0	2.9	17.3	36.0	37.6	50.6	47.2	59.0	-	17.8
	Neoplasms - Other Malignant	10.8	4.3	7.5	14.4	17.6	46.9	144.5	184.5	108.4	136.2	158.5	70.2	-	82.9
	Neoplasms - Benign	39.8	23.1	22.8	25.4	24.1	46.8	100.5	251.5	488.1	736.9	888.9	651.0	-	212.0
	Neoplasms - Other	4.7	1.8	3.9	6.3	3.6	5.1	11.6	20.2	25.4	46.9	78.6	108.5	-	17.2
	All	56.3	29.1	34.6	47.6	49.9	107.7	291.7	549.5	791.8	1,271.4	1,589.1	1,234.9	-	398.3
Endocrine, nutritional and metabolic diseases, and immunity disorders	Diabetes mellitus	16.5	24.1	59.5	105.8	160.2	135.4	185.9	248.7	304.5	296.3	343.2	311.1	-	175.1
	Volume depletion (dehydration)	2.9	4.3	2.8	7.7	19.7	10.0	3.8	2.2	3.8	4.8	5.9	1.6	-	5.9
	Other Endocrine, nutritional and metabolic diseases, and immunity disorders	216.5	52.5	23.5	35.4	50.3	97.7	175.5	251.9	350.9	473.8	751.3	1,199.8	-	217.4
	All	235.9	80.9	85.9	149.0	230.2	243.1	365.2	502.8	659.2	774.9	1,100.5	1,512.6	-	398.4
Diseases of the blood and blood-forming organs		68.1	53.2	56.6	57.9	67.5	74.7	97.0	114.5	147.2	246.0	450.0	588.8	-	120.7
Mental disorders	Other Mental disorders	5.0	51.1	45.2	91.5	271.5	283.9	322.7	384.1	293.7	260.2	285.6	392.5	-	235.0
	Psychoses	0.0	0.0	0.0	2.2	7.5	11.4	26.2	37.7	25.1	20.1	11.1	3.2	-	15.4
	Alcohol dependence syndrome	2.9	6.7	15.3	46.5	84.4	61.8	66.1	75.8	57.9	61.0	63.5	90.9	-	53.2
	All	7.9	57.8	60.6	140.1	363.4	357.1	415.0	497.7	376.8	341.3	360.3	486.6	-	303.6

(Continued)

Maricopa County 2011 Hospital Discharge Statistics

Table 5.05b continued

Primary Diagnosis	Hospitalization Rate by Age Group														
	0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unknown	Total	
Diseases of the nervous system and sense organs	200.4	111.0	127.9	154.5	131.4	196.5	238.9	309.4	327.4	465.2	784.7	952.5	-	266.6	
Diseases of the circulatory system	Heart disease	6.8	3.5	8.2	12.5	29.8	58.7	125.9	255.0	453.6	915.2	2,058.8	3,285.2	-	309.5
	Acute myocardial infarction	0.0	0.0	0.0	0.0	0.4	6.2	43.9	158.7	284.4	473.1	693.0	1,085.0	-	135.8
	Coronary atherosclerosis	0.4	0.0	0.0	0.0	0.4	3.4	32.5	152.5	397.8	705.7	865.3	518.5	-	159.1
	Other ischemic heart disease	0.0	0.0	0.0	0.0	0.4	2.2	5.9	13.9	16.8	23.1	28.8	67.0	-	8.6
	Cardiac dysrhythmias	10.4	3.9	4.6	10.0	26.9	33.7	75.0	174.7	376.3	865.0	1,591.1	2,291.2	-	241.9
	Congestive heart failure	4.7	0.4	1.1	0.0	0.4	3.1	11.6	24.8	51.7	117.2	284.3	521.7	-	39.0
	Cerebrovascular disease	5.0	3.2	2.5	3.0	10.4	27.4	78.6	206.7	417.7	880.6	1,709.0	2,693.3	-	260.1
	Other Diseases of the circulatory system	24.4	6.0	6.4	21.0	37.7	73.8	167.9	302.4	488.3	863.1	1,498.7	1,873.2	-	281.3
	All	51.6	17.0	22.8	46.5	106.3	208.5	541.2	1,288.6	2,486.5	4,843.0	8,729.0	12,335.1	-	1,435.3
Diseases of the respiratory system	Acute bronchitis and bronchiolitis	844.9	7.1	0.7	1.8	6.5	8.2	15.4	23.0	29.4	40.2	95.0	225.0	-	81.5
	Pneumonia	393.6	143.3	67.7	46.5	57.1	63.6	112.2	204.9	327.9	591.4	1,183.0	2,184.3	-	260.2
	Chronic bronchitis	0.0	0.0	0.0	0.0	0.7	0.7	17.3	129.9	307.3	595.1	892.2	872.8	-	143.0
	Asthma	281.4	215.7	120.1	37.6	48.1	55.6	98.6	131.6	132.6	151.9	175.6	221.8	-	124.5
	Other Diseases of the respiratory system	459.9	96.9	55.9	95.5	91.9	87.7	131.0	237.9	409.1	744.8	1,242.0	2,094.9	-	297.2
	All	1,979.8	463.0	244.4	181.4	204.3	215.9	374.5	727.3	1,206.4	2,123.4	3,587.6	5,598.7	-	906.4
Diseases of the digestive system	Appendicitis	40.5	160.4	242.2	222.7	153.0	130.1	108.8	88.6	73.0	73.0	58.3	52.7	-	119.6
	Noninfectious enteritis and colitis	64.2	19.9	28.9	43.1	69.7	73.6	85.6	113.6	136.9	205.5	335.4	382.9	-	101.5
	Cholelithiasis	1.4	0.4	0.0	0.4	1.1	4.4	15.6	46.8	70.1	63.6	42.6	6.4	-	22.8
	Other Diseases of the digestive system	253.8	112.1	130.4	261.5	421.9	605.0	857.3	1,206.5	1,425.1	1,913.4	3,087.8	4,006.4	-	917.1
	All	359.9	292.7	401.5	527.7	645.6	813.1	1,067.3	1,455.4	1,705.2	2,255.5	3,524.1	4,448.3	-	1,161.0
Diseases of the genitourinary system	Calculus of kidney and ureter	0.4	2.8	8.5	28.0	37.3	70.0	96.9	108.1	105.6	129.9	127.1	102.1	-	69.8
	Other Diseases of the genitourinary system	311.9	69.2	71.6	141.6	189.6	269.2	447.1	512.6	593.1	1,056.3	2,119.0	3,583.6	-	500.6
	All	312.2	72.0	80.2	169.6	226.9	339.1	543.9	620.6	698.7	1,186.2	2,246.1	3,685.7	-	570.3
Diseases of the skin and subcutaneous tissue	Cellulitis and abscess	249.1	69.9	52.0	86.7	136.5	182.3	244.6	344.8	321.7	328.6	512.2	903.1	-	239.1
	Other Diseases of the skin and tissue	31.9	12.8	10.3	21.8	18.3	20.1	32.5	43.0	51.5	49.9	82.5	86.2	-	33.3
	All	281.0	82.7	62.3	108.4	154.8	202.5	277.1	387.8	373.2	378.5	594.8	989.2	-	272.4

(Continued)

Maricopa County 2011 Hospital Discharge Statistics

Table 5.05b continued

Primary Diagnosis		Hospitalization Rate by Age Group													
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unknown	Total
Diseases of the musculoskeletal system and connective tissue	Osteoarthritis and allied disorders	0.0	0.0	0.4	0.4	2.2	5.8	44.8	258.9	724.1	1,386.8	1,401.1	528.1	-	278.7
	Intervertebral disc disorders	0.4	0.4	0.0	3.7	13.6	51.3	111.9	147.7	134.8	173.1	152.6	73.4	-	76.8
	Other - Diseases of the musculoskeletal system and connective tissue	37.6	47.5	76.2	81.9	80.1	102.4	184.8	338.7	431.1	706.8	898.7	1,021.1	-	254.4
	All	38.0	47.9	76.6	85.9	95.9	159.5	341.5	745.4	1,289.9	2,266.7	2,452.5	1,622.7	-	610.0
Congenital anomalies		317.2	40.1	36.0	37.2	18.3	17.0	18.4	21.8	25.1	29.0	20.3	14.4	-	45.8
Certain conditions originating in the perinatal period		689.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	49.6
Symptoms, signs, and ill-defined conditions		414.7	92.6	112.9	150.5	157.6	227.8	416.9	703.7	853.1	1,128.1	1,851.8	2,650.2	-	533.4
Injury and poisoning	Fractures, all sites	126.5	86.6	78.0	174.8	218.7	198.8	187.4	239.3	309.7	387.1	829.3	1,924.2	-	257.9
	Fracture of neck of femur	1.4	0.7	2.5	2.6	5.0	3.3	6.8	21.6	68.9	183.5	766.4	2,061.4	-	88.7
	Poisonings	55.9	7.5	28.9	119.5	164.1	161.0	161.6	178.6	145.3	100.1	95.6	103.7	-	123.0
	Other Injury and poisoning	247.0	129.5	135.0	268.8	337.2	368.7	456.5	659.5	874.4	1,356.3	1,821.7	2,080.6	-	574.2
	All	430.9	224.2	244.4	565.7	725.0	731.8	812.4	1,099.0	1,398.3	2,027.0	3,513.0	6,169.9	-	1,043.8
Other healthcare encounters	Rehab Services	2.2	3.2	3.2	18.1	24.4	21.8	31.1	67.8	123.5	256.8	514.2	767.5	-	83.6
	Other healthcare encounters	125.8	44.0	57.7	51.6	39.5	40.1	49.4	83.1	113.0	153.3	127.7	83.0	-	75.3
	All	128.0	47.2	60.9	69.7	63.9	61.8	80.5	150.9	236.5	410.2	641.9	850.4	-	158.9
Total		5,838.2	1,778.5	1,760.9	2,622.3	3,467.7	4,206.5	6,227.7	9,724.9	13,369.2	20,989.9	33,643.4	46,734.7	-	8,798.7

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

Maricopa County 2011 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	Septicemia	6,192	6,657	0	12,849
	Other Infectious and parasitic diseases	3,525	3,967	0	7,492
	All	9,717	10,624	0	20,341
Neoplasms	Malignant Neoplasm of large intestine & rectum	681	603	0	1,284
	Malignant neoplasm of trachea, bronchus & lung	712	657	0	1,369
	Malignant neoplasm of breast	8	684	0	692
	Neoplasms - Other Malignant	583	2,632	0	3,215
	Neoplasms - Benign	4,392	3,835	0	8,227
	Neoplasms - Other	321	347	0	668
	All	6,697	8,758	0	15,455
Endocrine, nutritional and metabolic diseases, and immunity disorders	Diabetes mellitus	3,718	3,075	0	6,793
	Volume depletion (dehydration)	98	131	0	229
	Other Endocrine, nutritional and metabolic diseases, and immunity disorders	3,343	5,094	0	8,437
	All	7,159	8,300	0	15,459
Diseases of the blood and blood-forming organs		1,978	2,704	0	4,682
Mental disorders	Psychoses	4,912	4,205	0	9,117
	Alcohol dependence syndrome	351	247	0	598
	Other Mental disorders	994	1,072	0	2,066
	All	6,257	5,524	0	11,781
Diseases of the nervous system and sense organs		4,536	5,810	0	10,346
Diseases of the circulatory system	Heart disease	6,403	5,607	0	12,010
	Acute myocardial infarction	3,398	1,873	0	5,271
	Coronary atherosclerosis	4,213	1,959	0	6,172
	Other ischemic heart disease	156	177	0	333
	Cardiac dysrhythmias	4,877	4,509	0	9,386
	Congestive heart failure	841	673	0	1,514
	Cerebrovascular disease	4,778	5,314	0	10,092
	Other Diseases of the circulatory system	5,492	5,424	0	10,916
	All	30,158	25,536	0	55,694
Diseases of the respiratory system	Acute bronchitis and bronchiolitis	1,644	1,518	0	3,162
	Pneumonia	4,869	5,227	0	10,096
	Chronic bronchitis	2,472	3,078	0	5,550
	Asthma	1,986	2,845	0	4,831
	Other Diseases of the respiratory system	5,714	5,818	0	11,532
	All	16,685	18,486	0	35,171
Diseases of the digestive system	Appendicitis	2,528	2,112	0	4,640
	Noninfectious enteritis and colitis	1,450	2,488	0	3,938
	Cholelithiasis	465	421	0	886
	Other Diseases of the digestive system	15,762	19,825	0	35,587
	All	20,205	24,846	0	45,051
Diseases of the genitourinary system	Calculus of kidney and ureter	1,478	1,229	0	2,707
	Other Diseases of the genitourinary system	6,755	12,668	0	19,423
	All	8,233	13,897	0	22,130
Diseases of the skin and subcutaneous tissue	Cellulitis and abscess	4,917	4,360	0	9,277
	Other Diseases of the skin and subcutaneous	681	613	0	1,294
	All	5,598	4,973	0	10,571

(Continued)

Maricopa County 2011 Hospital Discharge Statistics

Table 5.06a continued

Primary Diagnosis		Number of Discharges by Gender			Total
		Male	Female	Unknown	
Diseases of the musculoskeletal system and connective tissue	Osteoarthritis and allied disorders	4,434	6,381	0	10,815
	Intervertebral disc disorders	1,533	1,448	0	2,981
	Other - Diseases of the musculoskeletal	4,650	5,222	0	9,872
	All	10,617	13,051	0	23,668
Congenital anomalies		986	790	0	1,776
Certain conditions originating in the perinatal period		1,107	814	2	1,923
Symptoms, signs, and ill-defined conditions		9,105	11,593	1	20,699
Injury and poisoning	Fractures, all sites	5,085	4,921	1	10,007
	Fracture of neck of femur	1,096	2,345	0	3,441
	Poisonings	2,239	2,535	0	4,774
	Other Injury and poisoning	12,125	10,153	1	22,279
	All	20,545	19,954	2	40,501
Other healthcare encounters	Rehab Services	1,650	1,592	0	3,242
	Other healthcare encounters	1,462	1,460	0	2,922
	All	3,112	3,052	0	6,164
Total		162,695	178,712	5	341,412

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

Maricopa County 2011 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	Septicemia	322.4	339.7	-	331.1
	Other Infectious and parasitic diseases	183.5	202.5	-	193.1
	All	505.9	542.2	-	524.2
Neoplasms	Malignant Neoplasm of large intestine & rectum	35.5	30.8	-	33.1
	Malignant neoplasm of trachea, bronchus & lung	37.1	33.5	-	35.3
	Malignant neoplasm of breast	0.4	34.9	-	17.8
	Neoplasms - Benign	30.4	134.3	-	82.9
	Neoplasms - Other Malignant	228.7	195.7	-	212.0
	Neoplasms - Other	16.7	17.7	-	17.2
	All	348.7	447.0	-	398.3
Endocrine, nutritional and metabolic diseases, and immunity disorders	Diabetes mellitus	193.6	156.9	-	175.1
	Volume depletion (dehydration)	5.1	6.7	-	5.9
	Other Endocrine, nutritional and metabolic diseases, and immunity disorders	174.0	260.0	-	217.4
	All	372.7	423.6	-	398.4
Diseases of the blood and blood-forming organs		103.0	138.0	-	120.7
Mental disorders	Psychoses	255.7	214.6	-	235.0
	Alcohol dependence syndrome	18.3	12.6	-	15.4
	Other Mental disorders	51.7	54.7	-	53.2
	All	325.8	281.9	-	303.6
Diseases of the nervous system and sense organs		236.2	296.5	-	266.6
Diseases of the circulatory system	Heart disease	333.4	286.1	-	309.5
	Acute myocardial infarction	176.9	95.6	-	135.8
	Coronary atherosclerosis	219.3	100.0	-	159.1
	Other ischemic heart disease	8.1	9.0	-	8.6
	Cardiac dysrhythmias	253.9	230.1	-	241.9
	Congestive heart failure	43.8	34.3	-	39.0
	Cerebrovascular disease	248.8	271.2	-	260.1
	Other Diseases of the circulatory system	285.9	276.8	-	281.3
	All	1,570.1	1,303.2	-	1,435.3
Diseases of the respiratory system	Acute bronchitis and bronchiolitis	85.6	77.5	-	81.5
	Pneumonia	253.5	266.8	-	260.2
	Chronic bronchitis	128.7	157.1	-	143.0
	Asthma	103.4	145.2	-	124.5
	Other Diseases of the respiratory system	297.5	296.9	-	297.2
	All	868.7	943.4	-	906.4
Diseases of the digestive system	Appendicitis	131.6	107.8	-	119.6
	Noninfectious enteritis and colitis	75.5	127.0	-	101.5
	Cholelithiasis	24.2	21.5	-	22.8
	Other Diseases of the digestive system	820.6	1,011.8	-	917.1
	All	1,051.9	1,268.0	-	1,161.0
Diseases of the genitourinary system	Calculus of kidney and ureter	76.9	62.7	-	69.8
	Other Diseases of the genitourinary system	351.7	646.5	-	500.6
	All	428.6	709.2	-	570.3
Diseases of the skin and subcutaneous tissue	Cellulitis and abscess	256.0	222.5	-	239.1
	Other Diseases of the skin and subcutaneous tissue	35.5	31.3	-	33.3
	All	291.4	253.8	-	272.4

(Continued)

Maricopa County 2011 Hospital Discharge Statistics

Table 5.06b continued

Primary Diagnosis		Hospitalization Rate by Gender			
		Male	Female	Unknown	Total
Diseases of the musculoskeletal system and connective tissue	Osteoarthritis and allied disorders	230.8	325.6	-	278.7
	Intervertebral disc disorders	79.8	73.9	-	76.8
	Other - Diseases of the musculoskeletal	242.1	266.5	-	254.4
	All	552.7	666.0	-	610.0
Congenital anomalies		51.3	40.3	-	45.8
Certain conditions originating in the perinatal period		57.6	41.5	-	49.6
Symptoms, signs, and ill-defined conditions		474.0	591.6	-	533.4
Injury and poisoning	Fractures, all sites	264.7	251.1	-	257.9
	Fracture of neck of femur	57.1	119.7	-	88.7
	Poisonings	116.6	129.4	-	123.0
	Other Injury and poisoning	631.3	518.2	-	574.2
	All	1,069.6	1,018.3	-	1,043.8
Other healthcare encounters	Rehab Services	85.9	81.2	-	83.6
	Other healthcare encounters	76.1	74.5	-	75.3
	All	162.0	155.8	-	158.9
Total		8,470.3	9,120.4	-	8,798.7

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

Maricopa County 2011 Hospital Discharge Statistics

Table 5.07 Total Charges for Hospitalizations by Primary Diagnosis Groups

Primary Diagnosis Category	Number Discharges	Median Charges	Mean Charges	Total Charges
Infectious and parasitic diseases	20,341	\$34,804	\$58,392	\$1,187,750,000
Septicemia	7,492	\$23,958	\$37,200	\$278,701,025
Neoplasms	15,455	\$48,664	\$69,172	\$1,069,060,000
Malignant neoplasms	1,369	\$59,198	\$72,929	\$99,840,135
Malignant neoplasm - large intestine & rectum	692	\$41,894	\$49,112	\$33,985,728
Malignant neoplasm - trachea, bronchus, & lung	3,215	\$38,373	\$54,533	\$175,324,840
Malignant neoplasm - breast	8,227	\$50,483	\$75,341	\$619,831,975
Benign neoplasms	668	\$46,025	\$63,889	\$42,677,695
Endocrine, nutritional and metabolic diseases, and immunity disorders	15,458	\$22,832	\$32,544	\$503,070,332
Diabetes mellitus	229	\$59,164	\$85,555	\$19,592,183
Volume depletion (dehydration)	8,436	\$22,265	\$29,396	\$247,985,887
Diseases of the blood and blood-forming organs	4682	\$23,044	\$34,758	\$162,736,304
Mental disorders	11,754	\$21,161	\$29,067	\$341,652,682
Psychoses	597	\$14,316	\$19,604	\$11,703,759
Alcohol dependence syndrome	2,055	\$16,168	\$20,685	\$42,508,429
Diseases of the nervous system and sense organs	10,346	\$24,523	\$37,599	\$388,995,642
Diseases of the circulatory system	55,694	\$35,793	\$57,643	\$3,210,350,000
Heart disease	5,271	\$69,126	\$87,899	\$463,313,793
Acute myocardial infarction	6,172	\$66,365	\$83,535	\$515,580,381
Coronary atherosclerosis	333	\$22,913	\$27,871	\$9,281,193
Other ischemic heart disease	9,386	\$26,108	\$45,292	\$425,114,052
Cardiac dysrhythmias	1,514	\$27,476	\$46,884	\$70,982,190
Congestive heart failure	10,092	\$31,322	\$47,765	\$482,042,956
Cerebrovascular disease	10,916	\$29,272	\$46,725	\$510,046,078
Diseases of the respiratory system	35,171	\$23,365	\$35,576	\$1,251,250,000
Acute bronchitis and bronchiolitis	10,096	\$24,277	\$34,374	\$347,044,096
Pneumonia	5,550	\$24,460	\$30,864	\$171,297,970
Chronic bronchitis	4,831	\$16,248	\$20,998	\$101,442,496
Asthma	11,532	\$31,495	\$50,355	\$580,688,098
Diseases of the digestive system	45,051	\$28,317	\$38,998	\$1,756,910,000
Appendicitis	3,938	\$23,257	\$33,130	\$130,466,689
Noninfectious enteritis and colitis	886	\$27,743	\$45,485	\$40,299,346
Cholelithiasis	35,587	\$28,422	\$40,000	\$1,423,470,000
Diseases of the genitourinary system	22,130	\$24,205	\$30,645	\$678,184,818
Calculus of kidney and ureter	19,423	\$23,856	\$30,806	\$598,352,889
Diseases of the skin and subcutaneous tissue	10,571	\$19,160	\$25,863	\$273,401,629

(Continued)

Maricopa County 2011 Hospital Discharge Statistics

Primary Diagnosis Category	Number Discharges	Median Charges	Mean Charges	Total Charges
Cellulitis and abscess	1,294	\$22,169	\$39,383	\$50,961,417
Diseases of the musculoskeletal system and connective tissue	23,668	\$48,858	\$58,258	\$1,378,840,000
Osteoarthritis and allied disorders	2,981	\$51,614	\$70,420	\$209,922,350
Intervertebral disc disorders	9,872	\$39,207	\$58,983	\$582,283,373
Congenital anomalies	1,776	\$61,540	\$114,595	\$203,519,877
Certain conditions originating in the perinatal period	1,923	\$12,741	\$71,044	\$136,617,909
Symptoms, signs, and ill-defined conditions	20,699	\$20,471	\$24,444	\$505,966,278
Injury and poisoning	40,501	\$35,578	\$55,089	\$2,231,170,000
Fractures, all sites	3,441	\$55,003	\$62,439	\$214,854,117
Fracture of neck of femur	4,774	\$19,223	\$28,872	\$137,833,802
Poisonings	22,279	\$34,319	\$57,923	\$1,290,460,000
Other healthcare encounters	6,164	\$39,040	\$51,430	\$317,013,951
Rehab Services	2,922	\$32,874	\$49,594	\$144,913,831
Total	341,384	\$29,512	\$45,686	\$15,596,000,000

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 Discharges	Median Charges	Mean Charges	Total Charges
Infant	52,633	\$2,480	\$7,494	\$394,434,535
Mother	59,031	\$11,950	\$14,908	\$880,062,154
Total	111,664	\$7,521	\$11,414	\$1,274,500,000

Note: Mothers include all women hospitalized for pregnancy related conditions

Maricopa County 2011 Hospital Discharge Statistics

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

Primary Diagnosis Code Categories	Number Discharges	Median Days	Mean Days	Total Days
Infectious and parasitic diseases	20,341	4.0	6.0	121,400.0
Septicemia	7,492	3.0	4.6	34,684.0
Neoplasms	15,455	4.0	5.5	85,495.0
Malignant neoplasms	1,369	5.0	6.9	9,380.0
Malignant neoplasm - large intestine & rectum	692	1.0	2.1	1,419.0
Malignant neoplasm - trachea, bronchus, & lung	3,215	2.0	3.4	11,063.0
Malignant neoplasm - breast	8,227	4.0	6.1	50,453.0
Benign neoplasms	668	4.0	5.4	3,619.0
Endocrine, nutritional and metabolic diseases, and immunity disorders	15,459	2.0	3.5	53,472.0
Diabetes mellitus	229	8.0	9.4	2,143.0
Volume depletion (dehydration)	8,437	2.0	3.0	24,912.0
Diseases of the blood and blood-forming organs	4,682	3.0	3.9	18,384.0
Mental disorders	11,781	6.0	9.6	113,131.0
Psychoses	598	3.0	4.8	2,871.0
Alcohol dependence syndrome	2,066	3.0	4.7	9,645.0
Diseases of the nervous system and sense organs	10,346	3.0	3.8	38,810.0
Diseases of the circulatory system	55,694	3.0	3.9	214,540.0
Heart disease	5,271	3.0	4.3	22,572.0
Acute myocardial infarction	6,172	2.0	3.5	21,648.0
Coronary atherosclerosis	333	2.0	1.9	625.0
Other ischemic heart disease	9,386	2.0	2.9	27,682.0
Cardiac dysrhythmias	1,514	3.0	3.9	5,838.0
Congestive heart failure	10,092	2.0	3.6	36,678.0
Cerebrovascular disease	10,916	3.0	3.6	39,169.0
Diseases of the respiratory system	35,171	3.0	4.3	149,715.0
Acute bronchitis and bronchiolitis	10,096	3.0	4.3	43,687.0
Pneumonia	5,550	3.0	4.0	22,162.0
Chronic bronchitis	4,831	2.0	3.0	14,495.0
Asthma	11,532	4.0	5.2	59,672.0
Diseases of the digestive system	45,051	3.0	3.9	174,810.0
Appendicitis	3,938	3.0	4.0	15,562.0
Noninfectious enteritis and colitis	886	3.0	5.0	4,414.0
Cholelithiasis	35,587	3.0	4.0	143,782.0
Diseases of the genitourinary system	22,130	2.0	3.2	70,288.0
Calculus of kidney and ureter	19,423	3.0	3.3	64,451.0
Diseases of the skin and subcutaneous tissue	10,571	3.0	3.8	40,314.0

(Continued)

Maricopa County 2011 Hospital Discharge Statistics

Table 5.09 continued

Primary Diagnosis Code Categories	Number Discharges	Median Days	Mean Days	Total Days
Cellulitis and abscess	1,294	3.0	5.1	6,588.0
Diseases of the musculoskeletal system and connective tissue	23,668	3.0	3.2	74,966.0
Osteoarthritis and allied disorders	2,981	2.0	2.7	8,176.0
Intervertebral disc disorders	9,872	3.0	3.6	35,543.0
Congenital anomalies	1,776	3.0	6.6	11,713.0
Certain conditions originating in the perinatal period	1,923	3.0	10.4	19,954.0
Symptoms, signs, and ill-defined conditions	20,699	2.0	2.4	48,969.0
Injury and poisoning	40,501	3.0	4.3	174,084.0
Fractures, all sites	3,441	4.0	5.2	17,787.0
Fracture of neck of femur	4,774	2.0	2.9	13,750.0
Poisonings	22,279	3.0	4.6	103,051.0
Other healthcare encounters	6,164	7.0	9.9	60,911.0
Rehab Services	2,922	3.0	5.1	14,852.0
Total	341,412	3.0	4.3	1,470,956.0

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 Discharges	Median Days	Mean Days	Total Days
Infant	52,633	2.0	3.0	160,024.0
Mother	59,031	2.0	2.6	153,931.0
Total	111,664	2.0	2.8	313,955.0

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

Maricopa County 2011 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/NHPI	Unknown	
0-4	49,571	71,429	12,822	3,809	2,682	2,222	142,535
5-9	23,303	29,020	5,554	1,446	1,112	1,055	61,490
10-14	16,897	15,998	3,596	818	551	568	38,428
15-19	42,699	33,722	9,217	1,653	1,170	1,073	89,534
20-24	59,866	35,085	13,239	2,666	1,491	1,107	113,454
25-34	110,793	55,351	21,324	5,500	3,315	1,822	198,105
35-44	90,534	40,648	16,171	3,779	2,785	1,459	155,376
45-54	87,230	28,363	14,370	2,549	1,950	1,162	135,624
55-64	60,231	15,201	7,406	1,183	1,478	783	86,282
65-74	45,240	7,951	3,005	466	1,039	567	58,268
75-84	39,644	4,472	1,476	167	701	305	46,765
85+	24,337	1,432	528	41	214	132	26,684
Unknown	2	0	1	0	0	2	5
Total	650,347	338,672	108,709	24,077	18,488	12,257	1,152,550

Table 5.12 Number of ED Visits by Age Group and Sex

Age Group	Number of ED Visits by Gender			Total
	Female	Male	Unknown	
0-4	64,754	77,777	4	142,535
5-9	28,466	33,024	0	61,490
10-14	17,811	20,617	0	38,428
15-19	52,339	37,195	0	89,534
20-24	71,771	41,683	0	113,454
25-34	122,102	76,003	0	198,105
35-44	92,186	63,189	1	155,376
45-54	75,364	60,260	0	135,624
55-64	48,785	37,497	0	86,282
65-74	33,207	25,061	0	58,268
75-84	27,557	19,208	0	46,765
85+	17,460	9,224	0	26,684
Unknown	2	2	1	5
Total	651,804	500,740	6	1,152,550

Maricopa County 2011 Hospital Discharge Statistics

Table 5.13 Number of ED Visits by Sex and Payer Type

Primary Diagnosis	Number of ED Visits by Age Group			Total
	Female	Male	Unknown	
Other	26,936	23,678	0	50,614
Self Pay	76,036	82,756	3	158,795
Private Insurance	174,277	132,694	1	306,972
Medicare	104,494	72,074	0	176,568
AHCCCS Medicaid	270,061	189,538	2	459,601
Total	651,804	500,740	6	1,152,550

Maricopa County 2011 Hospital Discharge Statistics

Table 5.14a Selected Primary Diagnosis Groups by Race/Ethnicity

Number of ED Visits

Primary Diagnosis	Number of ED Visits by Race/Ethnicity						Total
	White	Hispanic	Black	American Indian	Asian/NHPI	Unknown	
Infectious and parasitic diseases	9,565	9,892	2,535	560	362	341	23,255
Neoplasms	733	366	169	19	36	12	1,335
Endocrine, nutritional and metabolic diseases, and immunity disorders	9,440	4,345	1,525	357	238	161	16,066
Diseases of the blood and blood-forming organs	1,654	927	788	51	64	33	3,517
Mental disorders	23,336	6,830	2,387	1,407	364	310	34,634
Diseases of the nervous system and sense organs	34,708	22,228	6,575	1,711	897	753	66,872
Diseases of the circulatory system	18,051	3,828	2,302	258	474	250	25,163
Diseases of the respiratory system	54,530	43,431	13,871	2,802	2,057	1,444	118,135
Diseases of the digestive system	36,055	20,620	6,390	1,278	989	714	66,046
Diseases of the genitourinary system	39,161	21,782	6,579	1,217	1,028	616	70,383
Complications of pregnancy, childbirth, & the puerperium	13,693	13,290	3,760	716	728	271	32,458
Diseases of the skin and subcutaneous tissue	22,894	13,230	4,232	1,061	581	414	42,412
Diseases of the musculoskeletal system and connective tissue	50,001	18,657	8,833	1,751	1,064	730	81,036
Congenital anomalies	189	102	26	3	1	4	325
Certain conditions originating in the perinatal period	603	858	154	38	35	29	1,717
Symptoms, signs, and ill-defined conditions	169,456	84,057	26,608	5,186	5,206	3,103	293,616
Injury and poisoning	150,800	67,020	18,910	4,969	3,960	2,787	248,446
Newborn Infant	1	3	0	1	1	0	6
Other healthcare encounters	15,477	7,206	3,065	692	403	285	27,128
Total	650,347	338,672	108,709	24,077	18,488	12,257	1,152,550

Maricopa County 2011 Hospital Discharge Statistics

Table 5.14b Selected Primary Diagnosis Groups by Race/Ethnicity

Crude Rate of ED Visits per 100,000 Residents

Primary Diagnosis	ED Visits Rate by Race/Ethnicity						Total
	White	Hispanic	Black	American Indian	Asian/NHPI	Unknown	
Infectious and parasitic diseases	423.1	850.9	1,388.5	901.1	255.6	-	599.3
Neoplasms	32.4	31.5	92.6	30.6	25.4	-	34.4
Endocrine, nutritional and metabolic diseases, and immunity disorders	417.6	373.7	835.3	574.5	168.1	-	414.1
Diseases of the blood and blood-forming organs	73.2	79.7	431.6	82.1	45.2	-	90.6
Mental disorders	1,032.3	587.5	1,307.4	2,264.0	257	-	892.6
Diseases of the nervous system and sense organs	1,535.3	1,911.9	3,601.3	2,753.2	633.4	-	1,723.4
Diseases of the circulatory system	798.5	329.3	1,260.9	415.2	334.7	-	648.5
Diseases of the respiratory system	2,412.1	3,735.7	7,597.6	4,508.7	1,452.4	-	3,044.5
Diseases of the digestive system	1,594.9	1,773.6	3,500.0	2,056.4	698.3	-	1,702.1
Diseases of the genitourinary system	1,732.3	1,873.6	3,603.5	1,958.3	725.9	-	1,813.9
Complications of pregnancy, childbirth, & the puerperium	605.7	1,143.1	2,059.5	1,152.1	514.0	-	836.5
Diseases of the skin and subcutaneous tissue	1,012.7	1,138.0	2,318.0	1,707.3	410.2	-	1,093.0
Diseases of the musculoskeletal system and connective tissue	2,211.8	1,604.8	4,838.1	2,817.6	751.3	-	2,088.4
Congenital anomalies	8.4	8.8	14.2	4.8	0.7	-	8.4
Certain conditions originating in the perinatal period	26.7	73.8	84.4	61.1	24.7	-	44.3
Symptoms, signs, and ill-defined conditions	7,495.8	7,230.1	14,574.1	8,344.9	3,676.0	-	7,567.0
Injury and poisoning	6,670.5	5,764.7	10,357.6	7,995.7	2,796.2	-	6,402.8
Newborn Infant	0	0.3	0	1.6	0.7	-	0.2
Other healthcare encounters	684.6	619.8	1,678.8	1,113.5	284.6	-	699.1
Total	28,767.7	29,130.7	59,543.4	38,742.6	13,054.4	-	29,703.0

Maricopa County 2011 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	7,013	3,302	1,259	1,989	2,025	2,807	1,704	1,318	805	499	397	137	0	23,255
Neoplasms	47	12	14	25	58	163	240	265	198	150	116	47	0	1,335
Endocrine, nutritional and metabolic diseases, and immunity disorders	941	405	287	759	927	2,153	2,423	2,764	2,123	1,464	1,213	607	0	16,066
Diseases of the blood and blood-forming organs	272	238	200	261	277	521	425	379	270	240	285	149	0	3,517
Mental disorders	55	233	614	3,621	4,620	7,993	6,528	5,965	2,848	1,113	692	352	0	34,634
Diseases of the nervous system and sense organs	15,065	5,383	2,146	3,548	4,827	10,781	9,210	7,558	4,305	2,102	1,330	617	0	66,872
Diseases of the circulatory system	117	69	91	353	627	1,823	2,788	3,958	4,391	4,360	4,138	2,447	1	25,163
Diseases of the respiratory system	36,691	12,074	5,194	8,242	9,591	14,549	10,807	8,745	5,332	3,421	2,340	1,149	0	118,135
Diseases of the digestive system	7,214	3,302	1,928	4,067	7,089	13,757	9,789	7,859	4,593	2,875	2,340	1,233	0	66,046
Diseases of the genitourinary system	3,215	1,943	990	6,842	10,958	16,178	10,638	7,537	4,566	3,223	2,721	1,572	0	70,383
Complications of pregnancy, childbirth, & the puerperium	1	0	10	5,026	10,863	13,227	3,277	52	2	0	0	0	0	32,458
Diseases of the skin and subcutaneous tissue	5,431	2,226	1,447	3,813	4,729	7,899	6,114	5,083	2,593	1,517	1,013	547	0	42,412
Diseases of the musculoskeletal system and connective tissue	1,233	1,209	1,562	4,031	6,333	15,389	15,024	14,956	8,866	5,773	4,305	2,355	0	81,036
Congenital anomalies	101	18	22	24	18	47	29	30	14	12	9	1	0	325
Certain conditions originating in the perinatal period	1,701	0	0	3	4	5	1	2	0	0	1	0	0	1,717
Symptoms, signs, and ill-defined conditions	31,128	12,040	7,586	19,371	24,810	48,488	43,082	39,941	26,187	18,451	14,785	7,744	3	293,616
Injury and poisoning	28,684	17,983	14,495	25,497	22,873	37,690	29,704	25,589	17,071	11,791	10,015	7,054	0	248,446
Newborn Infant	6	0	0	0	0	0	0	0	0	0	0	0	0	6
Other healthcare encounters	3,620	1,053	583	2,062	2,825	4,635	3,593	3,623	2,118	1,277	1,065	673	1	27,128
Total	142,535	61,490	38,428	89,534	113,454	198,105	155,376	135,624	86,282	58,268	46,765	26,684	5	1,152,550

Maricopa County 2011 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+	Unk	
Infectious and parasitic diseases	1,610.6	1,226.4	464.1	746.0	773.5	509.3	320.6	276.1	222.4	223.2	271.8	261.1	-	599.3
Neoplasms	7.7	4.3	5.1	9.1	21.9	29.5	45.2	54.1	53.0	63.7	79.1	86.2	-	34.4
Endocrine, nutritional and metabolic diseases, and immunity disorders	243.4	144.4	103.9	274.2	348.1	392.6	458.3	553.8	549.4	592.4	824.1	1,059.3	-	414.1
Diseases of the blood and blood-forming organs	80.6	84.2	72.1	94.3	103.8	96.3	81.0	75.2	67.8	94.0	192.3	252.3	-	90.6
Mental disorders	17.9	82.7	218.7	1,335.3	1,659.0	1,448.8	1,239.7	1,171.9	681.7	414.3	453.3	561.6	-	892.6
Diseases of the nervous system and sense organs	4,005.4	1,909.8	764.5	1,308.4	1,733.3	1,954.2	1,749.1	1,484.9	1,030.4	782.4	871.2	984.4	-	1,723.4
Diseases of the circulatory system	19.4	24.5	32.4	130.2	225.1	330.4	529.5	777.6	1,051.0	1,622.8	2,710.5	3,904.3	-	648.5
Diseases of the respiratory system	8,539.5	4,283.6	1,850.3	3,039.4	3,444.0	2,637.2	2,052.4	1,718.1	1,276.3	1,273.3	1,532.8	1,833.3	-	3,044.5
Diseases of the digestive system	1,731.0	1,171.5	686.8	1,499.8	2,545.5	2,493.6	1,859.0	1,544.0	1,099.4	1,070.1	1,532.8	1,967.3	-	1,702.1
Diseases of the genitourinary system	870.0	689.3	352.7	2,523.1	3,934.8	2,932.4	2,020.3	1,480.8	1,092.9	1,199.6	1,782.4	2,508.2	-	1,813.9
Complications of pregnancy, childbirth, & the puerperium	0.4	0.0	3.6	1,853.4	3,900.7	2,397.5	622.3	10.2	0.5	0.0	0.0	0.0	-	836.5
Diseases of the skin and subcutaneous tissue	1,509.5	789.7	515.5	1,406.1	1,698.1	1,431.8	1,161.1	998.6	620.7	564.6	663.6	872.8	-	1,093.0
Diseases of the musculoskeletal system and connective tissue	410.4	428.9	556.5	1,486.5	2,274.1	2,789.4	2,853.2	2,938.4	2,122.2	2,148.7	2,819.9	3,757.5	-	2,088.4
Congenital anomalies	13.6	6.4	7.8	8.9	6.5	8.5	5.5	5.9	3.4	4.5	5.9	1.6	-	8.4
Certain conditions originating in the perinatal period	0.7	0.0	0.0	1.1	1.4	0.9	0.2	0.4	0.0	0.0	0.7	0.0	-	44.3
Symptoms, signs, and ill-defined conditions	7,431.5	4,271.6	2,702.5	7,143.4	8,908.9	8,789.0	8,181.7	7,847.1	6,268.1	6,867.4	9,684.7	12,355.8	-	7,567.0
Injury and poisoning	8,996.5	6,380.0	5,163.8	9,402.4	8,213.3	6,831.7	5,641.1	5,027.4	4,086.1	4,388.5	6,560.2	11,254.9	-	6,402.8
Newborn Infant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.2
Other healthcare encounters	743.8	373.6	207.7	760.4	1,014.4	840.1	682.3	711.8	507.0	475.3	697.6	1,073.8	-	699.1
Total	36,231.8	21,871.0	13,708.0	33,021.8	40,806.5	35,913.3	29,502.6	26,676.5	20,732.2	21,784.5	30,682.9	42,734.3	-	29,703.0

Maricopa County 2011 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	12,551	10,704	0	23,255
Neoplasms	871	464	0	1,335
Endocrine, nutritional and metabolic diseases, and immunity disorders	8,224	7,842	0	16,066
Diseases of the blood and blood-forming organs	2,044	1,473	0	3,517
Mental disorders	16,354	18,280	0	34,634
Diseases of the nervous system and sense organs	38,310	28,562	0	66,872
Diseases of the circulatory system	13,112	12,051	0	25,163
Diseases of the respiratory system	62,741	55,393	1	118,135
Diseases of the digestive system	35,881	30,165	0	66,046
Diseases of the genitourinary system	52,064	18,319	0	70,383
Complications of pregnancy, childbirth, & the puerperium	32,458	0	0	32,458
Diseases of the skin and subcutaneous tissue	21,919	20,493	0	42,412
Diseases of the musculoskeletal system and connective tissue	46,280	34,756	0	81,036
Congenital anomalies	143	182	0	325
Certain conditions originating in the perinatal period	786	931	0	1,717
Symptoms, signs, and ill-defined conditions	176,290	117,323	3	293,616
Injury and poisoning	119,242	129,203	1	248,446
Newborn Infant	3	3	0	6
Other healthcare encounters	12,531	14,596	1	27,128
Total	651,804	500,740	6	1,152,550

Maricopa County 2011 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	640.5	557.3	-	599.3
Neoplasms	44.5	24.2	-	34.4
Endocrine, nutritional and metabolic diseases, and immunity disorders	419.7	408.3	-	414.0
Diseases of the blood and blood-forming organs	104.3	76.7	-	90.6
Mental disorders	834.6	951.7	-	892.6
Diseases of the nervous system and sense organs	1,955.1	1487	-	1,723.4
Diseases of the circulatory system	669.2	627.4	-	648.5
Diseases of the respiratory system	3,201.9	2,883.9	-	3,044.5
Diseases of the digestive system	1,831.2	1,570.5	-	1,702.1
Diseases of the genitourinary system	2657	953.7	-	1,813.9
Complications of pregnancy, childbirth, & the puerperium	1,656.5	-	-	836.5
Diseases of the skin and subcutaneous tissue	1,118.6	1,066.9	-	1,093.0
Diseases of the musculoskeletal system and connective tissue	2,361.9	1,809.5	-	2,088.4
Congenital anomalies	7.3	9.5	-	8.4
Certain conditions originating in the perinatal period	40.1	48.5	-	44.2
Symptoms, signs, and ill-defined conditions	8,996.8	6,108.1	-	7,566.9
Injury and poisoning	6,085.4	6,726.6	-	6,402.8
Newborn Infant	0.2	0.2	-	0.2
Other healthcare encounters	639.5	759.9	-	699.1
Total	33,264.3	26,069.7	-	29,703.0

Maricopa County 2011 Hospital Discharge Statistics

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

Primary Diagnosis	Number of Injury Related ED Visits by Race/Ethnicity						Total
	White	Hispanic	Black	American Indian	Asian/NHPI	Unknown	
MVT	16,569	7,938	3,245	524	797	509	29,582
FIREARM	197	206	79	6	4	22	514
POISONING	5,588	1,956	608	160	116	85	8,513
FALLS	52,973	20,066	4,603	1,474	1,049	837	81,002
SUFFOCATION/DROWNING	231	123	37	21	6	4	422
FIRE/BURN	2,471	1,549	408	93	117	53	4,691
CUT/PIERCE	11,719	5,360	1,251	378	276	223	19,207
STRUCK BY/AGAINST	23,266	11,730	3,585	982	595	456	40,614
OTHER CAUSES	16,286	8,984	2,145	693	532	300	28,940
OTHER TRANS	5,507	1,765	322	138	77	76	7,885
OVEREXERTION	14,297	5,900	2,135	503	335	200	23,370
CAUSE UNKNOWN	12,938	6,078	2,298	612	292	210	22,428
Total	162,042	71,655	20,716	5,584	4,196	2,975	267,168

Maricopa County 2011 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+	
MVT	799	906	777	3,738	4,471	6,388	4,668	3,772	2,315	1,037	559	154	29,584
FIREARM	3	2	6	102	129	127	58	44	25	9	4	5	514
POISONING	1,011	131	197	1,294	1,018	1,604	1,248	1,049	540	212	150	60	8,514
FALLS	13,504	7,268	4,607	4,748	3,941	7,193	6,656	7,568	6,740	6,083	6,787	5,911	81,006
SUFFOCATION/DROWNING	154	22	16	37	43	48	35	39	9	9	2	8	422
FIRE/BURN	1,002	299	178	374	514	807	584	464	274	113	58	24	4,691
CUT/PIERCE	1,139	1,093	942	2,079	2,548	4,026	2,748	2,119	1,218	770	385	140	19,207
STRUCK BY/AGAINST	4,199	3,775	3,959	6,705	4,430	6,455	4,497	3,152	1,624	847	581	390	40,614
OTHER CAUSES	5,241	2,874	1,461	2,246	2,492	4,191	3,451	3,099	1,797	1,109	659	321	28,941
OTHER TRANS	320	819	873	1,117	724	1,098	1,050	946	503	257	123	55	7,885
OVEREXERTION	883	602	1,272	2,978	2,550	5,279	3,935	2,917	1,477	793	500	185	23,371
CAUSE UNKNOWN	1,473	762	715	2,050	2,496	4,606	3,627	2,948	1,615	966	728	442	22,428
Total	29,728	18,553	15,003	27,468	25,356	41,822	32,557	28,117	18,137	12,205	10,536	7,695	267,177

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

Primary Diagnosis	Number of Injury Related ED Visits by Age Group			Total
	Female	Male	Unknown	
MVT	16,524	13,060	0	29,584
FIREARM	64	450	0	514
POISONING	4,693	3,821	0	8,514
FALLS	44,208	36,798	0	81,006
SUFFOCATION/DROWNING	197	225	0	422
FIRE/BURN	2,307	2,384	0	4,691
CUT/PIERCE	7,323	11,884	0	19,207
STRUCK BY/AGAINST	15,271	25,343	0	40,614
OTHER CAUSES	14,003	14,938	0	28,941
OTHER TRANS	2,523	5,362	0	7,885
OVEREXERTION	11,366	12,005	0	23,371
CAUSE UNKNOWN	11,341	11,086	1	22,428
Total	129,820	137,356	1	267,177

VII. Technical Notes

Population Statistics

Population statistics are shown in Tables **1.01** and **1.02**. This report used the 2011 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, 2011, released May 2012.

The estimates for 2011 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 2011): April 1, 2010 to July 1, 2011*. This located <http://www.census.gov/popest/methodology/2011-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 7.1 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 150,000 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 2011, 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 7.2 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

(Continued)

(Table 5.2, Continued)

Malignant Neoplasm of the Colon	C18-C21
Malignant Neoplasm of the Pancreas	C25
Malignant Neoplasm of Bronchus, Lung, or Trachea	C33-C34
Malignant Neoplasm of Skin	C43
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

(Continued)

(Table 5.2, Continued)

Pregnancy, childbirth, and the puerperium	A34, O00-O99
Perinatal Conditions	P00-P96
Disorders Related to Short Gestation and Low Birth Weight (LBW)	P07
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 2011, these were 76.2 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 2011, 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 2010*, published by the ADHS at http://www.azdhs.gov/plan/report/ahs/ahs2010/chptr2a_2d.pdf. Figures for the U.S., except for breast cancer and prostate cancer are from *Deaths: Preliminary Data for 2011*. Figures for the U.S. for breast cancer and prostate cancer are from *Deaths: Final Data for 2008*. 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. The Final 2009 data were published in National Vital Statistics Reports, Vol 60, no 3, December 29, 2011. These data can be found at: http://www.cdc.gov/nchs/data/nvsr/nvsr60/nvsr60_03.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.

Communicable Disease (Morbidity) Statistics

Communicable disease statistics are shown in Tables **3.01a** through **3.04**. 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 seventeen residents with malaria in 2011. 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 September 18, 2012.
- STD data were acquired on September 19, 2012.
- Syphilis data were acquired on September 19, 2012.
- HIV/AIDS data for Maricopa County residents were acquired on September 21, 2012.
- HIV/AIDS data for Arizona residents were acquired on August 3, 2012.

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 **3.01a** through **3.03b**, 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 **3.04**, comparison morbidity rates for Arizona can be found in *Arizona Health Status and Vital Statistics 2010*, http://www.azdhs.gov/plan/report/ahs/ahs2010/chptr3a_3c.pdf. The rates for HIV and AIDS for Arizona were provided directly from ADHS on August 3, 2012. All U.S. rates are for 2010 and may be found in *Morbidity and Mortality Weekly Report Vol 59 no. 53 June 1, 2012* at <http://www.cdc.gov/mmwr/pdf/wk/mm5953.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>.

Nativity (Birth) Statistics

Nativity (birth) statistics are shown in Tables **4.01** through **4.24**. 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 **4.01**). 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 **4.24** compares natality measures for Maricopa County to Arizona and the U.S. Arizona figures for 2010 can be found in *Arizona Health Status and Vital Statistics 2010*, published by ADHS at http://www.azdhs.gov/plan/report/ahs/ahs2010/chptr1a_1d.pdf. Infant mortality statistics are from unlinked data or the number of infant deaths in a given year. 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: Preliminary Data for 2011*, National Vital Statistics Reports, Vol 61, no 5, October 3, 2012 at http://www.cdc.gov/nchs/data/nvsr/nvsr61/nvsr61_05.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

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.

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

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

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

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.

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

⁵ Ibid.

- 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.

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 7.3 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
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

(Continued)

(Table 7.3, Continued)

Category of Primary Diagnoses	ICD-9-CM Code
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 7.4 Injury Mechanism or Cause and Corresponding ICD-9-CM Codes

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