

# Maricopa County Health Status Report 2002 – 2006

## Five Year Trends Reference Tables



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

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# Maricopa County Health Status Report 2002-2006

## Five Year Trends: Reference Tables

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## Introduction

This report provides health status information for the years 2002 to 2006 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
  - Communicable Disease Example: 75 residents of Maricopa County were diagnosed with a confirmed case of West Nile Virus in 2006.
  - Natality (Birth) Example: There were 790 infants born with a very low birthweight (less than 1500 grams) in 2006.
- Rate or percentage of cases in the county
  - Communicable Disease Example: For every 100,000 residents of Maricopa County, 2.0 were diagnosed with West Nile Virus in 2006.
  - Natality (Birth) Example: Among all live births in 2006, 1.2% of infants were born with a very low birthweight.

All data in this report are for calendar years 2002 through 2006.

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

***I. Maricopa County Population Statistics  
2002-2006 Tables***

## Maricopa County Population Statistics

### Table 1.01 Population Estimates by Age, Sex, and Race/Ethnicity, 2006

#### Age by Sex

Age	Males		Females		Total	
	No.	%	No.	%	No.	%
0-4	159,221	8.4%	152,462	8.1%	311,683	8.3%
5-9	145,272	7.7%	138,217	7.4%	283,489	7.5%
10-14	139,821	7.4%	133,441	7.1%	273,262	7.3%
15-19	130,843	6.9%	122,198	6.5%	253,041	6.7%
20-24	132,919	7.0%	117,892	6.3%	250,811	6.7%
25-34	310,398	16.4%	278,352	14.9%	588,750	15.6%
35-44	286,596	15.1%	269,162	14.4%	555,758	14.8%
45-54	237,176	12.5%	239,106	12.8%	476,282	12.6%
55-64	172,158	9.1%	185,203	9.9%	357,361	9.5%
65-74	98,661	5.2%	113,399	6.1%	212,060	5.6%
75-84	62,497	3.3%	84,808	4.5%	147,305	3.9%
85+	20,904	1.1%	37,417	2.0%	58,321	1.6%
<b>Total</b>	<b>1,896,466</b>		<b>1,871,657</b>		<b>3,768,123</b>	

#### Race/Ethnicity by Sex

Race/Ethnicity	Males		Females	
	No.	%	No.	%
White	1,120,051	59.1%	1,155,038	61.7%
Hispanic	587,041	31.0%	523,919	28.0%
African American	75,483	4.0%	73,063	3.9%
Amer. Ind., Non-Hisp.	27,436	1.4%	30,099	1.6%
Amer. Ind., Hisp.	9,549	0.5%	9,047	0.5%
Asian	52,214	2.8%	55,932	3.0%
Other/2+ Races	24,692	1.3%	24,559	1.3%
<b>Total</b>	<b>1,896,466</b>		<b>1,871,657</b>	

#### Age by Race/Ethnicity

Age	White		Hispanic		African American		American Indian Non-Hispanic		Hispanic		Asian		Other/2+ Races		Total No.
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
0-4	132,163	5.8%	143,549	12.9%	12,123	8.2%	5,965	10.4%	1,648	8.9%	8,532	7.9%	7,703	15.6%	311,683
5-9	129,201	5.7%	120,886	10.9%	11,835	8.0%	4,995	8.7%	2,082	11.2%	7,205	6.7%	7,285	14.8%	283,489
10-14	133,120	5.9%	107,246	9.7%	12,817	8.6%	4,923	8.6%	2,179	11.7%	6,719	6.2%	6,258	12.7%	273,262
15-19	133,866	5.9%	88,536	8.0%	12,658	8.5%	5,202	9.0%	1,988	10.7%	5,931	5.5%	4,860	9.9%	253,041
20-24	132,133	5.8%	90,020	8.1%	11,601	7.85%	4,828	8.4%	1,665	9.0%	6,544	6.1%	4,020	8.2%	250,811
25-34	292,875	12.9%	228,850	20.6%	23,685	15.9%	11,193	19.5%	3,240	17.4%	22,506	20.8%	6,401	13.0%	588,750
35-44	336,979	14.8%	158,048	14.2%	23,970	16.1%	8,829	15.4%	2,752	14.8%	20,351	18.8%	4,829	9.8%	555,758
45-54	340,410	15.0%	91,625	8.2%	19,050	12.8%	5,827	10.1%	1,766	9.5%	13,938	12.9%	3,666	7.4%	476,282
55-64	284,215	12.5%	47,170	4.2%	11,045	7.4%	3,269	5.7%	770	4.1%	8,576	7.9%	2,316	4.7%	357,361
65-74	176,730	7.8%	21,425	1.9%	5,896	4.0%	1,534	2.7%	369	2.0%	4,917	4.6%	1,189	2.4%	212,060
75-84	130,486	5.7%	10,272	0.9%	2,897	2.0%	714	1.2%	128	0.7%	2,266	2.1%	542	1.1%	147,305
85+	52,911	2.3%	3,333	0.3%	969	0.7%	256	0.4%	9	0.1%	661	0.6%	182	0.4%	58,321
<b>Total</b>	<b>2,275,089</b>		<b>1,110,960</b>		<b>148,546</b>		<b>57,535</b>		<b>18,596</b>		<b>108,146</b>		<b>49,251</b>		<b>3,768,123</b>

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2006.

## Maricopa County Population Statistics

### Table 1.02 Population by Race/Ethnicity, Age, and Sex, 2006

Females Age	White		Hispanic		African American		American Indian		Asian		Other/2+ Races		Total		
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%		No.	%
							No.	%	No.	%					
0-4	64,765	5.6%	70,091	13.4%	6,018	8.2%	3,025	10.1%	828	9.2%	4,187	7.5%	3,548	14.4%	152,462
5-9	62,839	5.4%	58,950	11.3%	5,794	7.9%	2,480	8.2%	1,067	11.8%	3,643	6.5%	3,444	14.0%	138,217
10-14	64,816	5.6%	52,406	10.0%	6,346	8.7%	2,453	8.1%	1,047	11.6%	3,302	5.9%	3,071	12.5%	133,441
15-19	64,972	5.6%	42,424	8.1%	6,007	8.2%	2,609	8.7%	1,024	11.3%	2,806	5.0%	2,356	9.6%	122,198
20-24	64,025	5.5%	40,136	7.7%	5,408	7.4%	2,507	8.3%	842	9.3%	2,972	5.3%	2,002	8.2%	117,892
25-29	73,233	6.3%	51,810	9.9%	5,686	7.8%	3,227	10.7%	782	8.6%	5,198	9.3%	1,894	7.7%	141,830
30-34	70,892	6.1%	48,879	9.3%	5,688	7.8%	2,679	8.9%	685	7.6%	6,249	11.2%	1,450	5.9%	136,522
35-39	79,637	6.9%	39,696	7.6%	5,800	7.9%	2,307	7.7%	687	7.6%	5,761	10.3%	1,297	5.3%	135,185
40-44	86,843	7.5%	32,354	6.2%	5,845	8.0%	2,256	7.5%	592	6.5%	4,845	8.7%	1,242	5.1%	133,977
45-49	90,145	7.8%	25,353	4.8%	5,207	7.1%	1,811	6.0%	506	5.6%	4,057	7.3%	1,030	4.2%	128,109
50-54	82,119	7.1%	18,660	3.6%	4,023	5.5%	1,453	4.8%	340	3.8%	3,518	6.3%	884	3.6%	110,997
55-59	82,226	7.1%	13,929	2.7%	3,312	4.5%	1,124	3.7%	205	2.3%	2,888	5.2%	694	2.8%	104,378
60-64	65,517	5.7%	9,534	1.8%	2,376	3.3%	671	2.2%	153	1.7%	2,008	3.6%	566	2.3%	80,825
65-69	51,378	4.4%	6,658	1.3%	1,804	2.5%	543	1.8%	115	1.3%	1,575	2.8%	387	1.6%	62,460
70-74	42,831	3.7%	4,908	0.9%	1,346	1.8%	360	1.2%	86	1.0%	1,153	2.1%	255	1.0%	50,939
75+	108,800	9.4%	8,131	1.6%	2,403	3.3%	594	2.0%	88	1.0%	1,770	3.2%	439	1.8%	122,225
<b>Total</b>	<b>1,155,038</b>		<b>523,919</b>		<b>73,063</b>		<b>30,099</b>		<b>9,047</b>		<b>55,932</b>		<b>24,559</b>		<b>1,871,657</b>
<b>Males</b>															
0-4	67,398	6.0%	73,458	12.5%	6,105	8.1%	2,940	10.7%	820	8.6%	4,345	8.3%	4,155	16.8%	159,221
5-9	66,362	5.9%	61,936	10.6%	6,041	8.0%	2,515	9.2%	1,015	10.6%	3,562	6.8%	3,841	15.6%	145,272
10-14	68,304	6.1%	54,840	9.3%	6,471	8.6%	2,470	9.0%	1,132	11.9%	3,417	6.5%	3,187	12.9%	139,821
15-19	68,894	6.2%	46,112	7.9%	6,651	8.8%	2,593	9.5%	964	10.1%	3,125	6.0%	2,504	10.1%	130,843
20-24	68,108	6.1%	49,884	8.5%	6,193	8.2%	2,321	8.5%	823	8.6%	3,572	6.8%	2,018	8.2%	132,919
25-29	75,407	6.7%	68,109	11.6%	6,291	8.3%	2,840	10.4%	941	9.9%	4,844	9.3%	1,718	7.0%	160,150
30-34	73,343	6.5%	60,052	10.2%	6,020	8.0%	2,447	8.9%	832	8.7%	6,215	11.9%	1,339	5.4%	150,248
35-39	82,560	7.4%	48,144	8.2%	6,069	8.0%	2,248	8.2%	743	7.8%	5,429	10.4%	1,207	4.9%	146,400
40-44	87,939	7.9%	37,854	6.4%	6,256	8.3%	2,018	7.4%	730	7.6%	4,316	8.3%	1,083	4.4%	140,196
45-49	88,825	7.9%	28,107	4.8%	5,537	7.3%	1,493	5.4%	519	5.4%	3,575	6.8%	981	4.0%	129,037
50-54	79,321	7.1%	19,505	3.3%	4,283	5.7%	1,070	3.9%	401	4.2%	2,788	5.3%	771	3.1%	108,139
55-59	76,223	6.8%	14,377	2.4%	3,206	4.2%	934	3.4%	242	2.5%	2,148	4.1%	627	2.5%	97,757
60-64	60,249	5.4%	9,330	1.6%	2,151	2.8%	540	2.0%	170	1.8%	1,532	2.9%	429	1.7%	74,401
65-69	45,867	4.1%	5,964	1.0%	1,627	2.2%	396	1.4%	89	0.9%	1,320	2.5%	320	1.3%	55,583
70-74	36,654	3.3%	3,895	0.7%	1,119	1.5%	235	0.9%	79	0.8%	869	1.7%	227	0.9%	43,078
75+	74,597	6.7%	5,474	0.9%	1,463	1.9%	376	1.4%	49	0.5%	1,157	2.2%	285	1.2%	83,401
<b>Total</b>	<b>1,120,051</b>		<b>587,041</b>		<b>75,483</b>		<b>27,436</b>		<b>9,549</b>		<b>52,214</b>		<b>24,692</b>		<b>1,896,466</b>

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2006.

## Maricopa County Population Statistics

### Table 1.03 Population Estimates by Age, Sex, and Race/Ethnicity, 2005

#### Age by Sex

Age	Males		Females		Total	
	No.	%	No.	%	No.	%
0-4	154,580	8.4%	147,145	8.1%	301,725	8.3%
5-9	138,625	7.6%	132,236	7.3%	270,861	7.4%
10-14	136,108	7.4%	129,630	7.2%	265,738	7.3%
15-19	125,757	6.9%	117,082	6.5%	242,839	6.7%
20-24	133,111	7.3%	117,018	6.5%	250,129	6.9%
25-34	300,650	16.4%	272,064	15.0%	572,714	15.7%
35-44	276,498	15.1%	260,944	14.4%	537,442	14.8%
45-54	226,775	12.4%	229,302	12.7%	456,077	12.5%
55-64	161,922	8.8%	174,704	9.7%	336,626	9.3%
65-74	95,155	5.2%	109,539	6.1%	204,694	5.6%
75-84	61,435	3.4%	83,895	4.6%	145,330	4.0%
85+	19,239	1.1%	35,067	1.9%	54,306	1.5%
<b>Total</b>	<b>1,829,855</b>		<b>1,808,626</b>		<b>3,638,481</b>	

#### Race/Ethnicity by Sex

Race/Ethnicity	Males		Females	
	No.	%	No.	%
White	1,102,210	60.2%	1,137,376	62.9%
Hispanic	550,102	30.1%	490,599	27.1%
African American	70,965	3.9%	68,564	3.8%
Amer. Ind., Non-Hisp.	26,424	1.4%	28,943	1.6%
Amer. Ind., Hisp.	9,160	0.5%	8,685	0.5%
Asian	47,743	2.6%	51,279	2.8%
Other/2+ Races	23,251	1.3%	23,180	1.3%
<b>Total</b>	<b>1,829,855</b>		<b>1,808,626</b>	

#### Age by Race/Ethnicity

Age	White		Hispanic		African American		American Indian Non-Hispanic		American Indian Hispanic		Asian		Other/2+ Races		Total No.
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
0-4	131,428	5.9%	136,253	13.1%	11,562	8.3%	5,633	10.2%	1,549	8.7%	7,937	8.0%	7,363	15.9%	301,725
5-9	127,001	5.7%	112,195	10.8%	11,168	8.0%	4,789	8.6%	2,212	12.4%	6,457	6.5%	7,039	15.2%	270,861
10-14	133,588	6.0%	100,655	9.7%	12,483	8.9%	4,920	8.9%	2,109	11.8%	6,157	6.2%	5,826	12.5%	265,738
15-19	131,833	5.9%	82,227	7.9%	11,926	8.5%	4,945	8.9%	1,893	10.6%	5,489	5.5%	4,526	9.7%	242,839
20-24	132,494	5.9%	90,407	8.7%	10,769	7.7%	4,935	8.9%	1,585	8.9%	6,169	6.2%	3,770	8.1%	250,129
25-34	294,009	13.1%	215,071	20.7%	22,305	16.0%	10,976	19.8%	3,093	17.3%	21,169	21.4%	6,091	13.1%	572,714
35-44	335,579	15.0%	145,262	14.0%	22,737	16.3%	8,422	15.2%	2,618	14.7%	18,251	18.4%	4,573	9.8%	537,442
45-54	331,534	14.8%	83,638	8.0%	17,732	12.7%	5,490	9.9%	1,608	9.0%	12,712	12.8%	3,363	7.2%	456,077
55-64	270,294	12.1%	42,840	4.1%	9,900	7.1%	3,001	5.4%	712	4.0%	7,739	7.8%	2,140	4.6%	336,626
65-74	172,378	7.7%	19,710	1.9%	5,397	3.9%	1,375	2.5%	333	1.9%	4,430	4.5%	1,071	2.3%	204,694
75-84	129,937	5.8%	9,502	0.9%	2,654	1.9%	659	1.2%	126	0.7%	1,952	2.0%	500	1.1%	145,330
85+	49,511	2.2%	2,941	0.3%	896	0.6%	222	0.4%	7	0.0%	560	0.6%	169	0.4%	54,306
<b>Total</b>	<b>2,239,586</b>		<b>1,040,701</b>		<b>139,529</b>		<b>55,367</b>		<b>17,845</b>		<b>99,022</b>		<b>46,431</b>		<b>3,638,481</b>

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2005.

## Maricopa County Population Statistics

### Table 1.04 Population by Race/Ethnicity, Age, and Sex, 2005

Females Age	White		Hispanic		African American		American Indian				Asian		Other/2+ Races		Total
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%	No.	%	
							No.	%	No.	%					
0-4	64,197	5.6%	66,336	13.5%	5,704	8.3%	2,821	9.7%	788	9.1%	3,904	7.6%	3,395	14.6%	147,145
5-9	61,902	5.4%	54,760	11.2%	5,474	8.0%	2,377	8.2%	1,101	12.7%	3,291	6.4%	3,331	14.4%	132,236
10-14	64,943	5.7%	49,152	10.0%	6,125	8.9%	2,455	8.5%	1,043	12.0%	2,999	5.8%	2,913	12.6%	129,630
15-19	63,961	5.6%	39,261	8.0%	5,646	8.2%	2,481	8.6%	980	11.3%	2,582	5.0%	2,171	9.4%	117,082
20-24	63,788	5.6%	39,832	8.1%	5,180	7.6%	2,580	8.9%	785	9.0%	2,941	5.7%	1,912	8.2%	117,018
25-29	71,544	6.3%	49,505	10.1%	5,129	7.5%	3,146	10.9%	743	8.6%	4,755	9.3%	1,765	7.6%	136,587
30-34	73,770	6.5%	45,600	9.3%	5,478	8.0%	2,645	9.1%	684	7.9%	5,902	11.5%	1,398	6.0%	135,477
35-39	77,483	6.8%	36,474	7.4%	5,543	8.1%	2,148	7.4%	628	7.2%	5,057	9.9%	1,185	5.1%	128,518
40-44	88,612	7.8%	29,888	6.1%	5,459	8.0%	2,223	7.7%	571	6.6%	4,478	8.7%	1,195	5.2%	132,426
45-49	87,676	7.7%	23,199	4.7%	4,797	7.0%	1,699	5.9%	465	5.4%	3,744	7.3%	963	4.2%	122,543
50-54	80,182	7.0%	17,020	3.5%	3,861	5.6%	1,380	4.8%	300	3.5%	3,220	6.3%	796	3.4%	106,759
55-59	77,570	6.8%	12,696	2.6%	2,842	4.1%	1,012	3.5%	190	2.2%	2,607	5.1%	661	2.9%	97,578
60-64	63,071	5.5%	8,747	1.8%	2,204	3.2%	648	2.2%	132	1.5%	1,803	3.5%	521	2.2%	77,126
65-69	49,293	4.3%	6,107	1.2%	1,684	2.5%	484	1.7%	112	1.3%	1,438	2.8%	341	1.5%	59,459
70-74	42,641	3.7%	4,566	0.9%	1,222	1.8%	312	1.1%	74	0.9%	1,043	2.0%	222	1.0%	50,080
75+	106,743	9.4%	7,456	1.5%	2,216	3.2%	532	1.8%	89	1.0%	1,515	3.0%	411	1.8%	118,962
Total	1,137,376		490,599		68,564		28,943		8,685		51,279		23,180		1,808,626
<b>Males</b>															
0-4	67,231	6.1%	69,917	12.7%	5,858	8.3%	2,812	10.6%	761	8.3%	4,033	8.4%	3,968	17.1%	154,580
5-9	65,099	5.9%	57,435	10.4%	5,694	8.0%	2,412	9.1%	1,111	12.1%	3,166	6.6%	3,708	15.9%	138,625
10-14	68,645	6.2%	51,503	9.4%	6,358	9.0%	2,465	9.3%	1,066	11.6%	3,158	6.6%	2,913	12.5%	136,108
15-19	67,872	6.2%	42,966	7.8%	6,280	8.8%	2,464	9.3%	913	10.0%	2,907	6.1%	2,355	10.1%	125,757
20-24	68,706	6.2%	50,575	9.2%	5,589	7.9%	2,355	8.9%	800	8.7%	3,228	6.8%	1,858	8.0%	133,111
25-29	72,685	6.6%	64,467	11.7%	6,078	8.6%	2,755	10.4%	923	10.1%	4,882	10.2%	1,619	7.0%	153,409
30-34	76,010	6.9%	55,499	10.1%	5,620	7.9%	2,430	9.2%	743	8.1%	5,630	11.8%	1,309	5.6%	147,241
35-39	80,459	7.3%	44,083	8.0%	5,746	8.1%	2,108	8.0%	744	8.1%	4,748	9.9%	1,125	4.8%	139,013
40-44	89,025	8.1%	34,817	6.3%	5,989	8.4%	1,943	7.4%	675	7.4%	3,968	8.3%	1,068	4.6%	137,485
45-49	86,918	7.9%	25,552	4.6%	5,175	7.3%	1,373	5.2%	490	5.3%	3,222	6.7%	894	3.8%	123,624
50-54	76,758	7.0%	17,867	3.2%	3,899	5.5%	1,038	3.9%	353	3.9%	2,526	5.3%	710	3.1%	103,151
55-59	72,214	6.6%	12,947	2.4%	2,878	4.1%	876	3.3%	233	2.5%	1,944	4.1%	574	2.5%	91,666
60-64	57,439	5.2%	8,450	1.5%	1,976	2.8%	465	1.8%	157	1.7%	1,385	2.9%	384	1.7%	70,256
65-69	43,790	4.0%	5,399	1.0%	1,482	2.1%	372	1.4%	68	0.7%	1,180	2.5%	299	1.3%	52,590
70-74	36,654	3.3%	3,638	0.7%	1,009	1.4%	207	0.8%	79	0.9%	769	1.6%	209	0.9%	42,565
75+	72,705	6.6%	4,987	0.9%	1,334	1.9%	349	1.3%	44	0.5%	997	2.1%	258	1.1%	80,674
Total	1,102,210		550,102		70,965		26,424		9,160		47,743		23,251		1,829,855

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2005.

## Maricopa County Population Statistics

### Table 1.05 Population Estimates by Age, Sex, and Race/Ethnicity, 2004

#### Age by Sex

Age	Males		Females		Total	
	No.	%	No.	%	No.	%
0-4	147,570	8.4%	140,137	8.1%	287,707	8.2%
5-9	133,932	7.6%	127,881	7.3%	261,813	7.5%
10-14	131,878	7.5%	125,709	7.2%	257,587	7.4%
15-19	120,114	6.8%	111,572	6.4%	231,686	6.6%
20-24	132,425	7.5%	117,082	6.7%	249,507	7.1%
25-34	290,140	16.5%	262,260	15.1%	552,400	15.8%
35-44	266,496	15.2%	252,213	14.5%	518,709	14.8%
45-54	214,496	12.2%	218,977	12.6%	433,473	12.4%
55-64	150,859	8.6%	163,360	9.4%	314,219	9.0%
65-74	92,229	5.2%	106,397	6.1%	198,626	5.7%
75-84	59,863	3.4%	82,125	4.7%	141,988	4.1%
85+	17,642	1.0%	32,990	1.9%	50,632	1.4%
<b>Total</b>	<b>1,757,644</b>		<b>1,740,703</b>		<b>3,498,347</b>	

#### Race/Ethnicity by Sex

Race/Ethnicity	Males		Females	
	No.	%	No.	%
White	1,076,830	61.3%	1,112,257	63.9%
Hispanic	514,157	29.3%	458,900	26.4%
African American	66,779	3.8%	64,294	3.7%
Amer. Ind., Non-Hisp.	25,548	1.5%	28,009	1.6%
Amer. Ind., Hisp.	8,779	0.5%	8,334	0.5%
Asian	43,842	2.5%	47,252	2.7%
Other/2+ Races	21,709	1.2%	21,657	1.2%
<b>Total</b>	<b>1,757,644</b>		<b>1,740,703</b>	

#### Age by Race/Ethnicity

Age	White		Hispanic		African American		American Indian				Asian		Other/2+ Races		Total
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%	No.	%	
							No.	%	No.	%					
0-4	128,758	5.9%	127,108	13.1%	10,892	8.3%	5,286	9.9%	1,560	9.1%	7,065	7.8%	7,038	16.2%	287,707
5-9	125,709	5.7%	105,754	10.9%	10,757	8.2%	4,715	8.8%	2,186	12.8%	6,076	6.7%	6,616	15.3%	261,813
10-14	132,951	6.1%	94,373	9.7%	12,138	9.3%	4,929	9.2%	2,092	12.2%	5,680	6.2%	5,424	12.5%	257,587
15-19	128,523	5.9%	76,282	7.8%	11,141	8.5%	4,731	8.8%	1,761	10.3%	5,122	5.6%	4,126	9.5%	231,686
20-24	131,792	6.0%	91,295	9.4%	10,310	7.9%	5,116	9.6%	1,558	9.1%	5,869	6.4%	3,567	8.2%	249,507
25-34	291,442	13.3%	200,422	20.6%	20,978	16.0%	10,677	19.9%	2,942	17.2%	20,239	22.2%	5,700	13.1%	552,400
35-44	332,346	15.2%	133,728	13.7%	21,518	16.4%	8,117	15.2%	2,501	14.6%	16,304	17.9%	4,195	9.7%	518,709
45-54	319,834	14.6%	75,993	7.8%	16,200	12.4%	5,173	9.7%	1,422	8.3%	11,723	12.9%	3,128	7.2%	433,473
55-64	254,587	11.6%	38,511	4.0%	8,919	6.8%	2,721	5.1%	665	3.9%	6,880	7.6%	1,936	4.5%	314,219
65-74	168,805	7.7%	18,263	1.9%	4,990	3.8%	1,276	2.4%	309	1.8%	3,984	4.4%	999	2.3%	198,626
75-84	128,002	5.8%	8,704	0.9%	2,415	1.8%	601	1.1%	108	0.6%	1,677	1.8%	481	1.1%	141,988
85+	46,338	2.1%	2,624	0.3%	815	0.6%	215	0.4%	9	0.1%	475	0.5%	156	0.4%	50,632
<b>Total</b>	<b>2,189,087</b>		<b>973,057</b>		<b>131,073</b>		<b>53,557</b>		<b>17,113</b>		<b>91,094</b>		<b>43,366</b>		<b>3,498,347</b>

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2004.

## Maricopa County Population Statistics

### Table 1.06 Population by Race/Ethnicity, Age, and Sex, 2004

Females Age	White		Hispanic		African American		American Indian				Asian		Other/2+ Races		Total
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%	No.	%	
							No.	%	No.	%					
0-4	62,850	5.7%	61,769	13.5%	5,326	8.3%	2,663	9.5%	788	9.5%	3,513	7.4%	3,228	14.9%	140,137
5-9	61,207	5.5%	51,687	11.3%	5,323	8.3%	2,328	8.3%	1,085	13.0%	3,078	6.5%	3,173	14.7%	127,881
10-14	64,659	5.8%	46,166	10.1%	5,931	9.2%	2,469	8.8%	1,054	12.6%	2,738	5.8%	2,692	12.4%	125,709
15-19	62,378	5.6%	36,290	7.9%	5,217	8.1%	2,373	8.5%	914	11.0%	2,427	5.1%	1,973	9.1%	111,572
20-24	64,170	5.8%	39,950	8.7%	5,036	7.8%	2,623	9.4%	770	9.2%	2,701	5.7%	1,832	8.5%	117,082
25-29	68,093	6.1%	46,793	10.2%	4,682	7.3%	3,055	10.9%	693	8.3%	4,821	10.2%	1,622	7.5%	129,759
30-34	75,016	6.7%	42,166	9.2%	5,238	8.1%	2,656	9.5%	653	7.8%	5,467	11.6%	1,305	6.0%	132,501
35-39	76,378	6.9%	33,514	7.3%	5,155	8.0%	2,051	7.3%	596	7.2%	4,515	9.6%	1,112	5.1%	123,321
40-44	88,130	7.9%	27,747	6.0%	5,212	8.1%	2,184	7.8%	561	6.7%	4,009	8.5%	1,049	4.8%	128,892
45-49	85,023	7.6%	21,053	4.6%	4,387	6.8%	1,573	5.6%	379	4.5%	3,487	7.4%	935	4.3%	116,837
50-54	77,696	7.0%	15,582	3.4%	3,543	5.5%	1,282	4.6%	288	3.5%	3,027	6.4%	722	3.3%	102,140
55-59	72,886	6.6%	11,539	2.5%	2,541	4.0%	918	3.3%	169	2.0%	2,300	4.9%	606	2.8%	90,959
60-64	59,713	5.4%	7,886	1.7%	1,982	3.1%	594	2.1%	138	1.7%	1,610	3.4%	478	2.2%	72,401
65-69	47,285	4.3%	5,744	1.3%	1,531	2.4%	456	1.6%	104	1.2%	1,318	2.8%	326	1.5%	56,764
70-74	42,750	3.8%	4,216	0.9%	1,169	1.8%	280	1.0%	67	0.8%	939	2.0%	212	1.0%	49,633
75+	104,023	9.4%	6,798	1.5%	2,021	3.1%	504	1.8%	75	0.9%	1,302	2.8%	392	1.8%	115,115
Total	1,112,257		458,900		64,294		28,009		8,334		47,252		21,657		1,740,703
<b>Males</b>															
0-4	65,908	6.1%	65,339	12.7%	5,566	8.3%	2,623	10.3%	772	8.8%	3,552	8.1%	3,810	17.6%	147,570
5-9	64,502	6.0%	54,067	10.5%	5,434	8.1%	2,387	9.3%	1,101	12.5%	2,998	6.8%	3,443	15.9%	133,932
10-14	68,292	6.3%	48,207	9.4%	6,207	9.3%	2,460	9.6%	1,038	11.8%	2,942	6.7%	2,732	12.6%	131,878
15-19	66,145	6.1%	39,992	7.8%	5,924	8.9%	2,358	9.2%	847	9.6%	2,695	6.1%	2,153	9.9%	120,114
20-24	67,622	6.3%	51,345	10.0%	5,274	7.9%	2,493	9.8%	788	9.0%	3,168	7.2%	1,735	8.0%	132,425
25-29	70,406	6.5%	60,559	11.8%	5,392	8.1%	2,620	10.3%	911	10.4%	4,530	10.3%	1,479	6.8%	145,897
30-34	77,927	7.2%	50,904	9.9%	5,666	8.5%	2,346	9.2%	685	7.8%	5,421	12.4%	1,294	6.0%	144,243
35-39	79,129	7.3%	40,706	7.9%	5,394	8.1%	2,087	8.2%	743	8.5%	4,171	9.5%	1,000	4.6%	133,230
40-44	88,709	8.2%	31,761	6.2%	5,757	8.6%	1,795	7.0%	601	6.8%	3,609	8.2%	1,034	4.8%	133,266
45-49	83,474	7.8%	23,064	4.5%	4,691	7.0%	1,317	5.2%	462	5.3%	2,908	6.6%	835	3.8%	116,751
50-54	73,641	6.8%	16,294	3.2%	3,579	5.4%	1,001	3.9%	293	3.3%	2,301	5.2%	636	2.9%	97,745
55-59	67,886	6.3%	11,515	2.2%	2,602	3.9%	759	3.0%	230	2.6%	1,703	3.9%	491	2.3%	85,186
60-64	54,102	5.0%	7,571	1.5%	1,794	2.7%	450	1.8%	128	1.5%	1,267	2.9%	361	1.7%	65,673
65-69	42,235	3.9%	4,914	1.0%	1,371	2.1%	335	1.3%	67	0.8%	1,027	2.3%	280	1.3%	50,229
70-74	36,535	3.4%	3,389	0.7%	919	1.4%	205	0.8%	71	0.8%	700	1.6%	181	0.8%	42,000
75+	70,317	6.5%	4,530	0.9%	1,209	1.8%	312	1.2%	42	0.5%	850	1.9%	245	1.1%	77,505
Total	1,076,830		514,157		66,779		25,548		8,779		43,842		21,709		1,757,644

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2004.

## Maricopa County Population Statistics

### Table 1.07 Population Estimates by Age, Sex, and Race/Ethnicity, 2003

#### Age by Sex

Age	Males		Females		Total	
	No.	%	No.	%	No.	%
0-4	141,129	8.3%	134,671	8.0%	275,800	8.1%
5-9	130,503	7.7%	124,461	7.4%	254,964	7.5%
10-14	128,228	7.5%	121,803	7.2%	250,031	7.4%
15-19	116,485	6.8%	107,818	6.4%	224,303	6.6%
20-24	132,580	7.8%	117,818	7.0%	250,398	7.4%
25-34	280,667	16.5%	253,885	15.0%	534,552	15.8%
35-44	259,561	15.3%	246,766	14.6%	506,327	14.9%
45-54	205,637	12.1%	211,540	12.5%	417,177	12.3%
55-64	141,281	8.3%	152,867	9.1%	294,148	8.7%
65-74	89,903	5.3%	104,103	6.2%	194,006	5.7%
75-84	58,673	3.4%	80,717	4.8%	139,390	4.1%
85+	16,613	1.0%	31,520	1.9%	48,133	1.4%
Total	1,701,260		1,687,969		3,389,229	

#### Race/Ethnicity by Sex

Race/Ethnicity	Males		Females	
	No.	%	No.	%
White	1,057,301	62.1%	1,093,024	64.8%
Hispanic	485,264	28.5%	433,640	25.7%
African American	63,880	3.8%	61,228	3.6%
Amer. Ind., Non-Hisp.	24,775	1.5%	27,226	1.6%
Amer. Ind., Hisp.	8,503	0.5%	8,068	0.5%
Asian	41,100	2.4%	44,352	2.6%
Other/2+ Races	20,437	1.2%	20,431	1.2%
Total	1,701,260		1,687,969	

#### Age by Race/Ethnicity

Age	White		Hispanic		African American		American Indian				Asian		Other/2+ Races		Total
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%	No.	%	
							No.	%	No.	%					
0-4	126,426	5.9%	118,944	12.9%	10,469	8.4%	5,105	9.8%	1,633	9.9%	6,438	7.5%	6,785	16.6%	275,800
5-9	124,722	5.8%	100,822	11.0%	10,654	8.5%	4,597	8.8%	2,109	12.7%	5,770	6.8%	6,290	15.4%	254,964
10-14	132,506	6.2%	88,564	9.6%	11,691	9.3%	4,865	9.4%	2,053	12.4%	5,312	6.2%	5,040	12.3%	250,031
15-19	125,728	5.8%	72,915	7.9%	10,636	8.5%	4,562	8.8%	1,696	10.2%	4,905	5.7%	3,861	9.4%	224,303
20-24	132,114	6.1%	92,441	10.1%	9,726	7.8%	5,315	10.2%	1,617	9.8%	5,777	6.8%	3,408	8.3%	250,398
25-34	288,853	13.4%	187,921	20.5%	20,084	16.1%	10,408	20.0%	2,742	16.5%	19,313	22.6%	5,231	12.8%	534,552
35-44	331,548	15.4%	124,594	13.6%	20,820	16.6%	7,857	15.1%	2,408	14.5%	15,065	17.6%	4,035	9.9%	506,327
45-54	311,752	14.5%	70,170	7.6%	15,133	12.1%	4,879	9.4%	1,309	7.9%	11,022	12.9%	2,912	7.1%	417,177
55-64	239,803	11.2%	34,940	3.8%	8,195	6.6%	2,533	4.9%	607	3.7%	6,254	7.3%	1,816	4.4%	294,148
65-74	166,266	7.7%	17,099	1.9%	4,658	3.7%	1,139	2.2%	297	1.8%	3,659	4.3%	888	2.2%	194,006
75-84	126,387	5.9%	8,117	0.9%	2,277	1.8%	562	1.1%	96	0.6%	1,511	1.8%	440	1.1%	139,390
85+	44,220	2.1%	2,377	0.3%	765	0.6%	179	0.3%	4	0.0%	426	0.5%	162	0.4%	48,133
Total	2,150,325		918,904		125,108		52,001		16,571		85,452		40,868		3,389,229

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2003.

## Maricopa County Population Statistics

### Table 1.08 Population by Race/Ethnicity, Age, and Sex, 2003

Females Age	White		Hispanic		African American		American Indian				Asian		Other/2+ Races		Total
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%	No.	%	
							No.	%	No.	%					
0-4	61,673	5.6%	58,154	13.4%	5,110	8.3%	2,567	9.4%	831	10.3%	3,219	7.3%	3,117	15.3%	134,671
5-9	60,730	5.6%	49,182	11.3%	5,288	8.6%	2,280	8.4%	1,034	12.8%	2,885	6.5%	3,062	15.0%	124,461
10-14	64,389	5.9%	43,190	10.0%	5,675	9.3%	2,425	8.9%	1,053	13.1%	2,560	5.8%	2,511	12.3%	121,803
15-19	61,065	5.6%	34,436	7.9%	4,985	8.1%	2,300	8.4%	863	10.7%	2,336	5.3%	1,833	9.0%	107,818
20-24	64,733	5.9%	40,248	9.3%	4,812	7.9%	2,800	10.3%	812	10.1%	2,686	6.1%	1,727	8.5%	117,818
25-29	65,894	6.0%	44,513	10.3%	4,394	7.2%	2,898	10.6%	611	7.6%	4,621	10.4%	1,452	7.1%	124,383
30-34	75,563	6.9%	39,281	9.1%	5,025	8.2%	2,609	9.6%	615	7.6%	5,149	11.6%	1,260	6.2%	129,502
35-39	77,187	7.1%	31,746	7.3%	4,999	8.2%	2,064	7.6%	592	7.3%	4,230	9.5%	1,048	5.1%	121,866
40-44	87,064	8.0%	25,631	5.9%	4,962	8.1%	2,043	7.5%	516	6.4%	3,702	8.3%	982	4.8%	124,900
45-49	82,952	7.6%	19,392	4.5%	4,086	6.7%	1,539	5.7%	358	4.4%	3,324	7.5%	922	4.5%	112,573
50-54	76,139	7.0%	14,511	3.3%	3,328	5.4%	1,187	4.4%	263	3.3%	2,878	6.5%	661	3.2%	98,967
55-59	68,705	6.3%	10,457	2.4%	2,254	3.7%	819	3.0%	162	2.0%	2,034	4.6%	546	2.7%	84,977
60-64	56,096	5.1%	7,273	1.7%	1,874	3.1%	576	2.1%	133	1.6%	1,481	3.3%	457	2.2%	67,890
65-69	45,896	4.2%	5,353	1.2%	1,451	2.4%	416	1.5%	100	1.2%	1,220	2.8%	290	1.4%	54,726
70-74	42,950	3.9%	3,969	0.9%	1,082	1.8%	245	0.9%	63	0.8%	872	2.0%	196	1.0%	49,377
75+	101,988	9.3%	6,304	1.5%	1,903	3.1%	458	1.7%	62	0.8%	1,155	2.6%	367	1.8%	112,237
Total	1,093,024		433,640		61,228		27,226		8,068		44,352		20,431		1,687,969
<b>Males</b>															
0-4	64,753	6.1%	60,790	12.5%	5,359	8.4%	2,538	10.2%	802	9.4%	3,219	7.8%	3,668	17.9%	141,129
5-9	63,992	6.1%	51,640	10.6%	5,366	8.4%	2,317	9.4%	1,075	12.6%	2,885	7.0%	3,228	15.8%	130,503
10-14	68,117	6.4%	45,374	9.4%	6,016	9.4%	2,440	9.8%	1,000	11.8%	2,752	6.7%	2,529	12.4%	128,228
15-19	64,663	6.1%	38,479	7.9%	5,651	8.8%	2,262	9.1%	833	9.8%	2,569	6.3%	2,028	9.9%	116,485
20-24	67,381	6.4%	52,193	10.8%	4,914	7.7%	2,515	10.2%	805	9.5%	3,091	7.5%	1,681	8.2%	132,580
25-29	68,058	6.4%	56,679	11.7%	5,208	8.2%	2,566	10.4%	846	9.9%	4,479	10.9%	1,293	6.3%	139,129
30-34	79,338	7.5%	47,448	9.8%	5,457	8.5%	2,335	9.4%	670	7.9%	5,064	12.3%	1,226	6.0%	141,538
35-39	79,853	7.6%	38,008	7.8%	5,337	8.4%	2,041	8.2%	749	8.8%	3,866	9.4%	1,005	4.9%	130,859
40-44	87,444	8.3%	29,209	6.0%	5,522	8.6%	1,709	6.9%	551	6.5%	3,267	7.9%	1,000	4.9%	128,702
45-49	81,095	7.7%	21,204	4.4%	4,362	6.8%	1,181	4.8%	406	4.8%	2,747	6.7%	735	3.6%	111,730
50-54	71,566	6.8%	15,063	3.1%	3,357	5.3%	972	3.9%	282	3.3%	2,073	5.0%	594	2.9%	93,907
55-59	64,275	6.1%	10,366	2.1%	2,378	3.7%	711	2.9%	201	2.4%	1,562	3.8%	460	2.3%	79,953
60-64	50,727	4.8%	6,844	1.4%	1,689	2.6%	427	1.7%	111	1.3%	1,177	2.9%	353	1.7%	61,328
65-69	40,515	3.8%	4,564	0.9%	1,282	2.0%	292	1.2%	77	0.9%	958	2.3%	242	1.2%	47,930
70-74	36,905	3.5%	3,213	0.7%	843	1.3%	186	0.8%	57	0.7%	609	1.5%	160	0.8%	41,973
75+	68,619	6.5%	4,190	0.9%	1,139	1.8%	283	1.1%	38	0.4%	782	1.9%	235	1.1%	75,286
Total	1,057,301		485,264		63,880		24,775		8,503		41,100		20,437		1,701,260

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2003.

## Maricopa County Population Statistics

### Table 1.09 Population Estimates by Age, Sex, and Race/Ethnicity, 2002

#### Age by Sex

Age	Males		Females		Total	
	No.	%	No.	%	No.	%
0-4	135,495	8.2%	128,894	7.8%	264,389	8.0%
5-9	128,223	7.8%	122,530	7.5%	250,753	7.6%
10-14	124,217	7.5%	117,995	7.2%	242,212	7.3%
15-19	114,145	6.9%	105,237	6.4%	219,382	6.7%
20-24	131,303	7.9%	116,918	7.1%	248,221	7.5%
25-34	273,686	16.6%	247,425	15.1%	521,111	15.8%
35-44	255,056	15.4%	243,859	14.8%	498,915	15.1%
45-54	198,100	12.0%	204,604	12.5%	402,704	12.2%
55-64	132,291	8.0%	143,432	8.7%	275,723	8.4%
65-74	88,314	5.3%	102,894	6.3%	191,208	5.8%
75-84	57,510	3.5%	79,451	4.8%	136,961	4.2%
85+	15,298	0.9%	29,862	1.8%	45,160	1.4%
<b>Total</b>	<b>1,653,638</b>		<b>1,643,101</b>		<b>3,296,739</b>	

#### Race/Ethnicity by Sex

Race/Ethnicity	Males		Females	
	No.	%	No.	%
White	1,042,395	63.0%	1,078,051	65.6%
Hispanic	458,514	27.7%	410,021	25.0%
African American	61,754	3.7%	59,004	3.6%
Amer. Ind., Non-Hisp.	24,324	1.5%	26,648	1.6%
Amer. Ind., Hisp.	8,348	0.5%	7,887	0.5%
Asian	38,847	2.3%	42,060	2.6%
Other/2+ Races	19,456	1.2%	19,430	1.2%
<b>Total</b>	<b>1,653,638</b>		<b>1,643,101</b>	

#### Age by Race/Ethnicity

Age	White		Hispanic		African American		American Indian Non-Hispanic		American Indian Hispanic		Asian		Other/2+ Races		Total
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
0-4	124,036	5.8%	110,834	12.8%	10,200	8.4%	4,920	9.7%	1,790	11.0%	5,985	7.4%	6,624	17.0%	264,389
5-9	124,873	5.9%	97,138	11.2%	10,615	8.8%	4,634	9.1%	2,058	12.7%	5,503	6.8%	5,932	15.3%	250,753
10-14	131,587	6.2%	82,611	9.5%	11,359	9.4%	4,837	9.5%	1,973	12.2%	5,048	6.2%	4,797	12.3%	242,212
15-19	123,627	5.8%	70,933	8.2%	10,232	8.5%	4,435	8.7%	1,702	10.5%	4,804	5.9%	3,649	9.4%	219,382
20-24	130,506	6.2%	92,396	10.6%	9,299	7.7%	5,502	10.8%	1,520	9.4%	5,805	7.2%	3,193	8.2%	248,221
25-34	289,554	13.7%	175,780	20.2%	19,637	16.3%	10,108	19.8%	2,720	16.8%	18,396	22.7%	4,916	12.6%	521,111
35-44	334,216	15.8%	116,141	13.4%	20,285	16.8%	7,752	15.2%	2,297	14.1%	14,280	17.6%	3,944	10.1%	498,915
45-54	304,495	14.4%	65,089	7.5%	14,306	11.8%	4,673	9.2%	1,204	7.4%	10,203	12.6%	2,734	7.0%	402,704
55-64	225,976	10.7%	31,792	3.7%	7,538	6.2%	2,360	4.6%	592	3.6%	5,806	7.2%	1,659	4.3%	275,723
65-74	165,107	7.8%	16,160	1.9%	4,404	3.6%	1,056	2.1%	283	1.7%	3,330	4.1%	868	2.2%	191,208
75-84	124,808	5.9%	7,581	0.9%	2,166	1.8%	527	1.0%	89	0.5%	1,384	1.7%	406	1.0%	136,961
85+	41,661	2.0%	2,080	0.2%	717	0.6%	168	0.3%	7	0.0%	363	0.4%	164	0.4%	45,160
<b>Total</b>	<b>2,120,446</b>		<b>868,535</b>		<b>120,758</b>		<b>50,972</b>		<b>16,235</b>		<b>80,907</b>		<b>38,886</b>		<b>3,296,739</b>

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2002.

## Maricopa County Population Statistics

### Table 1.10 Population by Race/Ethnicity, Age, and Sex, 2002

Females Age	White		Hispanic		African American		American Indian				Asian		Other/2+ Races		Total
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%	No.	%	
							No.	%	No.	%					
0-4	60,431	5.6%	54,024	13.2%	4,983	8.4%	2,457	9.2%	913	11.6%	3,007	7.1%	3,079	15.8%	128,894
5-9	60,831	5.6%	47,480	11.6%	5,284	9.0%	2,280	8.6%	1,001	12.7%	2,770	6.6%	2,884	14.8%	122,530
10-14	63,953	5.9%	40,331	9.8%	5,488	9.3%	2,410	9.0%	1,027	13.0%	2,417	5.7%	2,369	12.2%	117,995
15-19	60,177	5.6%	33,146	8.1%	4,778	8.1%	2,235	8.4%	853	10.8%	2,294	5.5%	1,754	9.0%	105,237
20-24	64,161	6.0%	40,208	9.8%	4,579	7.8%	2,916	10.9%	728	9.2%	2,717	6.5%	1,609	8.3%	116,918
25-29	65,417	6.1%	42,015	10.2%	4,381	7.4%	2,815	10.6%	636	8.1%	4,522	10.8%	1,328	6.8%	121,114
30-34	75,734	7.0%	36,688	8.9%	4,848	8.2%	2,471	9.3%	599	7.6%	4,766	11.3%	1,205	6.2%	126,311
35-39	79,265	7.4%	29,643	7.2%	4,928	8.4%	2,099	7.9%	558	7.1%	3,959	9.4%	1,049	5.4%	121,501
40-44	86,574	8.0%	24,038	5.9%	4,758	8.1%	1,985	7.4%	500	6.3%	3,576	8.5%	927	4.8%	122,358
45-49	80,142	7.4%	18,059	4.4%	3,835	6.5%	1,484	5.6%	328	4.2%	3,116	7.4%	854	4.4%	107,818
50-54	75,474	7.0%	13,508	3.3%	3,092	5.2%	1,147	4.3%	230	2.9%	2,712	6.4%	623	3.2%	96,786
55-59	65,289	6.1%	9,559	2.3%	2,096	3.6%	767	2.9%	174	2.2%	1,875	4.5%	524	2.7%	80,284
60-64	52,342	4.9%	6,621	1.6%	1,713	2.9%	544	2.0%	127	1.6%	1,394	3.3%	407	2.1%	63,148
65-69	44,791	4.2%	5,106	1.2%	1,400	2.4%	372	1.4%	95	1.2%	1,087	2.6%	268	1.4%	53,119
70-74	43,653	4.0%	3,801	0.9%	1,016	1.7%	243	0.9%	52	0.7%	817	1.9%	193	1.0%	49,775
75+	99,817	9.3%	5,794	1.4%	1,825	3.1%	423	1.6%	66	0.8%	1,031	2.5%	357	1.8%	109,313
Total	1,078,051		410,021		59,004		26,648		7,887		42,060		19,430		1,643,101
<b>Males</b>															
0-4	63,605	6.1%	56,810	12.4%	5,217	8.4%	2,463	10.1%	877	10.5%	2,978	7.7%	3,545	18.2%	135,495
5-9	64,042	6.1%	49,658	10.8%	5,331	8.6%	2,354	9.7%	1,057	12.7%	2,733	7.0%	3,048	15.7%	128,223
10-14	67,634	6.5%	42,280	9.2%	5,871	9.5%	2,427	10.0%	946	11.3%	2,631	6.8%	2,428	12.5%	124,217
15-19	63,450	6.1%	37,787	8.2%	5,454	8.8%	2,200	9.0%	849	10.2%	2,510	6.5%	1,895	9.7%	114,145
20-24	66,345	6.4%	52,188	11.4%	4,720	7.6%	2,586	10.6%	792	9.5%	3,088	7.9%	1,584	8.1%	131,303
25-29	68,372	6.6%	52,712	11.5%	5,151	8.3%	2,542	10.5%	828	9.9%	4,448	11.5%	1,210	6.2%	135,263
30-34	80,031	7.7%	44,365	9.7%	5,257	8.5%	2,280	9.4%	657	7.9%	4,660	12.0%	1,173	6.0%	138,423
35-39	81,238	7.8%	35,565	7.8%	5,329	8.6%	1,962	8.1%	710	8.5%	3,593	9.2%	993	5.1%	129,390
40-44	87,139	8.4%	26,895	5.9%	5,270	8.5%	1,706	7.0%	529	6.3%	3,152	8.1%	975	5.0%	125,666
45-49	78,234	7.5%	19,415	4.2%	4,190	6.8%	1,099	4.5%	406	4.9%	2,517	6.5%	677	3.5%	106,538
50-54	70,645	6.8%	14,107	3.1%	3,189	5.2%	943	3.9%	240	2.9%	1,858	4.8%	580	3.0%	91,562
55-59	60,926	5.8%	9,400	2.1%	2,160	3.5%	640	2.6%	181	2.2%	1,421	3.7%	422	2.2%	75,150
60-64	47,419	4.5%	6,212	1.4%	1,569	2.5%	409	1.7%	110	1.3%	1,116	2.9%	306	1.6%	57,141
65-69	39,465	3.8%	4,197	0.9%	1,206	2.0%	262	1.1%	86	1.0%	868	2.2%	231	1.2%	46,315
70-74	37,198	3.6%	3,056	0.7%	782	1.3%	179	0.7%	50	0.6%	558	1.4%	176	0.9%	41,999
75+	66,652	6.4%	3,867	0.8%	1,058	1.7%	272	1.1%	30	0.4%	716	1.8%	213	1.1%	72,808
Total	1,042,395		458,514		61,754		24,324		8,348		38,847		19,456		1,653,638

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2002.

**Maricopa County Population Statistics**

<b>Table 1.11 Maricopa County, Phoenix, and Arizona Population 1980-2006</b>				
<b>Year</b>	<b>City of Phoenix</b>	<b>Maricopa County</b>	<b>State of Arizona</b>	<b>Source</b>
1980	789,704	1,509,175	2,726,100	1980 U.S. Census
1983	NA	1,642,300	2,898,400	DES Estimate
1984	NA	1,726,398	3,032,400	DES Estimate
1985	NA	1,837,912	3,162,900	1985 Special Census
1986	NA	1,909,998	3,291,600	DES Estimate
1987	NA	1,976,600	3,459,900	DES Estimate
1988	940,662	2,032,000	3,538,400	DES Estimate
1989	968,258	2,089,900	3,617,300	DES Estimate
1990	983,403	2,122,101	3,680,800	1990 U.S. Census
1991	1,005,600	2,181,950	3,767,000	DES Estimate
1992	1,020,285	2,233,700	3,858,850	DES Estimate
1993	1,035,560	2,285,200	3,958,875	DES Estimate
1994	1,059,585	2,338,263	4,071,650	DES Estimate
1995	1,098,684	2,551,765	4,228,900	1995 Special Census
1996	1,149,717	2,634,625	4,462,300	DES Estimate
1997	1,205,285	2,720,576	4,600,275	DES Estimate
1998	1,238,120	2,803,320	4,764,025	DES Estimate
1999	1,263,895	2,879,492	4,924,350	DES Estimate
2000	1,321,045	3,072,149	5,130,632	2000 U.S. Census
2001	1,348,061	3,198,064	5,300,366	U.S. Census Estimate
2002	1,372,495	3,296,739	5,445,333	U.S. Census Estimate
2003	1,393,036	3,389,229	5,582,252	U.S. Census Estimate
2004	1,422,822	3,498,347	5,745,674	U.S. Census Estimate
2005	1,469,794	3,638,481	5,953,007	U.S. Census Estimate
2006	1,512,986	3,768,123	6,166,318	U.S. Census Estimate

## ***II. Maricopa County Five-Year Health Trends***

**Maricopa County Five-Year Health Trends**

**Table 2.01a Selected Underlying Causes of Death 2002-2006,  
Number of Deaths**

Cause		2002	2003	2004	2005	2006	
Infectious Diseases	Tuberculosis	11	5	7	6	10	
	Syphilis	1	0	0	0	0	
	HIV	110	119	108	93	89	
Cancer	Stomach	94	87	113	110	92	
	Colon	502	570	500	514	480	
	Pancreas	278	267	298	319	295	
	Lung	1,417	1,448	1,371	1,352	1,432	
	Breast	394	364	379	356	427	
	Uterine & Ovarian	226	225	257	247	220	
	Prostate	300	283	276	293	270	
	Urinary	232	244	275	276	278	
	Lymphoma	233	216	195	220	212	
	Leukemia	201	220	201	207	230	
	Other Cancer	1,188	1,236	1,303	1,283	1,302	
	All Cancer	5,066	5,160	5,168	5,177	5,238	
Diabetes and Alzheimer's	Diabetes	691	611	604	597	624	
	Alzheimer's	936	1,103	1,113	1,246	1,445	
Major Cardio-vascular Diseases	Heart Disease	Hypertensive Heart Disease	307	297	318	345	368
		Ischemic Heart Disease	4,752	4,801	4,655	4,849	4,523
		Other Heart Disease	883	868	802	817	828
		All Heart Disease	5,942	5,966	5,775	6,011	5,719
	Other Cardio-vascular	Primary Hypertension	209	224	265	264	283
		Cerebrovascular	1,385	1,313	1,350	1,270	1,217
		Atherosclerosis	122	116	128	171	76
		Other Circulatory	234	193	220	200	175
		All Other Cardiovascular	1,950	1,846	1,963	1,905	1,751
		Other Respiratory Diseases	Influenza & Pneumonia	708	628	582	715
	Chronic Lower Respiratory	1,389	1,357	1,318	1,506	1,484	
GI & Urinary	Peptic Ulcer	35	29	36	43	43	
	Liver Disease	350	323	320	377	357	
	Nephritis	269	263	257	212	217	
Pregnancy & Early Life	Pregnancy	4	2	2	6	5	
	Perinatal Conditions	193	172	196	181	206	
	Congenital Malformations	113	124	144	123	153	
	SIDS	20	14	8	14	21	
Other Diseases	Symptoms, Signs	159	315	412	511	584	
	Other Diseases	3,152	3,175	3,218	3,574	3,864	
External Causes	Motor Vehicle Collisions	504	493	537	587	643	
	All Other Accidents	810	806	907	1,098	1,162	
	Suicide	457	447	458	486	498	
	Homicide	298	319	307	331	355	
	Other External Causes	59	70	56	92	84	
	All External Causes	2,128	2,135	2,265	2,594	2,742	
Unknown		264	202	36	6	1	
<b>Total</b>		23,491	23,549	23,532	24,897	25,176	

**Maricopa County Five-Year Health Trends**

**Table 2.01b Selected Underlying Causes of Death, 2002-2006  
Crude Death Rate per 100,000 Residents**

Cause		2002	2003	2004	2005	2006	
Infectious Diseases	Tuberculosis	0.3	0.1	0.2	0.2	0.3	
	Syphilis	0.0	0	0	0	0	
	HIV	3.3	3.5	3.1	2.6	2.4	
Cancer	Stomach	2.9	2.6	3.2	3.0	2.4	
	Colon	15.2	16.8	14.3	14.1	12.7	
	Pancreas	8.4	7.9	8.5	8.8	7.8	
	Lung	43.0	42.7	39.2	37.2	38.0	
	Breast	12.0	10.7	10.8	9.8	11.3	
	Uterine & Ovarian <sup>1</sup>	13.8	13.3	14.8	13.7	11.8	
	Prostate <sup>1</sup>	18.1	16.6	15.7	16.0	14.2	
	Urinary	7.0	7.2	7.9	7.6	7.4	
	Lymphoma	7.1	6.4	5.6	6.0	5.6	
	Leukemia	6.1	6.5	5.7	5.7	6.1	
	Other Cancer	36.0	36.5	37.2	35.3	34.6	
	All Cancer	153.7	152.2	147.7	142.3	139.0	
	Diabetes and Alzheimer's	Diabetes	21.0	18.0	17.3	16.4	16.6
Alzheimer's		28.4	32.5	31.8	34.2	38.3	
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	9.3	8.8	9.1	9.5	9.8
		Ischemic Heart Disease	144.1	141.7	133.1	133.3	120.0
		Other Heart Disease	26.8	25.6	22.9	22.5	22.0
		All Heart Disease	180.2	176.0	165.1	165.2	151.8
	Other Cardiovascular	Primary Hypertension	6.3	6.6	7.6	7.3	7.5
		Cerebrovascular	42.0	38.7	38.6	34.9	32.3
		Atherosclerosis	3.7	3.4	3.7	4.7	2.0
		Other Circulatory	7.1	5.7	6.3	5.5	4.6
		All Other Cardiovascular	59.1	54.5	56.1	52.4	46.5
		Other Respiratory Diseases	Influenza & Pneumonia	21.5	18.5	16.6	19.7
	Chronic Lower Respiratory	42.1	40.0	37.7	41.4	39.4	
GI & Urinary	Peptic Ulcer	1.1	0.9	1.0	1.2	1.1	
	Liver Disease	10.6	9.5	9.1	10.4	9.5	
	Nephritis	8.2	7.8	7.3	5.8	5.8	
Pregnancy & Early Life	Pregnancy <sup>1</sup>	0.2	0.1	0.1	0.3	0.3	
	Perinatal Conditions	5.9	5.1	5.6	5.0	5.5	
	Congenital Malformations	3.4	3.7	4.1	3.4	4.1	
	SIDS <sup>2</sup>	0.4	0.2	0.1	0.2	0.3	
Other Diseases	Symptoms, Signs	4.8	9.3	11.8	14.0	15.5	
	Other Diseases	95.6	93.7	92.0	98.2	102.5	
External Causes	Motor Vehicle Collisions	15.3	14.5	15.4	16.1	17.1	
	All Other Accidents	24.6	23.8	25.9	30.2	30.8	
	Suicide	13.9	13.2	13.1	13.4	13.2	
	Homicide	9.0	9.4	8.8	9.1	9.4	
	Other External Causes	1.8	2.1	1.6	2.5	2.2	
	All External Causes	64.5	63.0	64.7	71.3	72.8	
Unknown		8.0	6.0	1.0	0.2	0.0	
<b>Total</b>		712.6	694.8	672.7	684.3	668.1	

<sup>1</sup> Uterine & ovarian cancer and pregnancy rates are per 100,000 females; prostate cancer rates are per 100,000 males.

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

**Maricopa County Five-Year Health Trends**

**Table 2.02a Other Selected Underlying Causes of Death 2002-2006,  
Number of Deaths**

Cause		2002	2003	2004	2005	2006
Infectious Diseases	Salmonella & Other Intestinal Infections	11	31	45	44	77
	Septicemia	210	235	219	258	307
	Viral Hepatitis	59	85	79	83	133
	Coccidioidomycosis	24	16	20	19	23
	Other Mycoses	12	18	15	18	24
Cancer	Brain	123	128	141	162	149
	Lip	57	55	67	72	63
	Skin (Melanoma)	78	90	90	94	99
	Ovarian	143	151	167	149	144
	Testicular	5	3	5	5	0
Other Diseases	Anemias	31	27	28	26	21
	Nutritional Deficiencies	20	18	13	14	9
	Obesity	29	34	39	46	52
	Mental & Behavioral Disorders Due to the Use of Alcohol	86	111	104	115	96
	Parkinson's Disease	230	239	222	290	269
	Multiple Sclerosis	33	25	35	37	53
	Epilepsy	22	15	19	14	13
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	1,382	1,286	1,130	1,168	1,015
	Congestive Heart Failure	127	148	135	149	187
Chronic Lower Respiratory	Emphysema	253	262	232	215	197
	Asthma	43	38	28	38	37
Liver Disease	Alcoholic Liver Disease	168	161	181	223	233
Musculoskeletal	Rheumatoid Arthritis	32	23	17	25	21
	Lupus	16	11	12	20	17
	Osteoporosis	11	11	10	7	6
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth Weight	67	57	61	46	64
	Congenital Malformations of the Circulatory System	37	42	37	38	41
	Chromosomal Abnormalities	12	25	29	21	30
External Causes	Falls <sup>1</sup>	282	289	323	434	441
	Drowning	41	55	66	55	56
	Unintentional Poisoning	258	235	299	327	384
	Exposure to Excessive Natural Heat <sup>1</sup>	15	18	20	46	40
	Legal Intervention	10	9	12	4	6
	Accidental Discharge of Firearms	11	11	5	6	7
	Discharge of Firearms, Undetermined Intent	8	12	5	15	7
	Complications of Medical & Surgical Care	31	31	23	22	35

<sup>1</sup> Refer to the Technical Notes for an explanation of the sharp changes in these causes of death over time.

**Maricopa County Five-Year Health Trends**

**Table 2.02b Other Selected Underlying Causes of Death 2002-2006,  
Crude Death Rate per 100,000 Residents**

Cause		2002	2003	2004	2005	2006
Infectious Diseases	Salmonella & Other Intestinal Infections	0.3	0.9	1.3	1.2	2.0
	Septicemia	6.4	6.9	6.3	7.1	8.1
	Viral Hepatitis	1.8	2.5	2.3	2.3	3.5
	Coccidioidomycosis	0.7	0.5	0.6	0.5	0.6
	Other Mycoses	0.4	0.5	0.4	0.5	0.6
Cancer	Brain	3.7	3.8	4.0	4.5	4.0
	Lip	1.7	1.6	1.9	2.0	1.7
	Skin (Melanoma)	2.4	2.7	2.6	2.6	2.6
	Ovarian <sup>1</sup>	8.7	8.9	9.6	8.2	7.7
	Testicular <sup>1</sup>	0.3	0.2	0.3	0.3	0
Other Diseases	Anemias	0.9	0.8	0.8	0.7	0.6
	Nutritional Deficiencies	0.6	0.5	0.4	0.4	0.2
	Obesity	0.9	1.0	1.1	1.3	1.4
	Mental & Behavioral Disorders Due to the Use of Alcohol	2.6	3.3	3.0	3.2	2.5
	Parkinson's Disease	7.0	7.1	6.3	8.0	7.1
	Multiple Sclerosis	1.0	0.7	1.0	1.0	1.4
	Epilepsy	0.7	0.4	0.5	0.4	0.3
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	41.9	37.9	32.3	32.1	26.9
	Congestive Heart Failure	3.9	4.4	3.9	4.1	5.0
Chronic Lower Respiratory	Emphysema	7.7	7.7	6.6	5.9	5.2
	Asthma	1.3	1.1	0.8	1.0	1.0
Liver Disease	Alcoholic Liver Disease	5.1	4.8	5.2	6.1	6.2
Musculoskeletal	Rheumatoid Arthritis	1.0	0.7	0.5	0.7	0.6
	Lupus	0.5	0.3	0.3	0.5	0.5
	Osteoporosis	0.3	0.3	0.3	0.2	0.2
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth Weight	2.0	1.7	1.7	1.3	1.7
	Congenital Malformations of the Circulatory System	1.1	1.2	1.1	1.0	1.1
	Chromosomal Abnormalities	0.4	0.7	0.8	0.6	0.8
External Causes	Falls <sup>2</sup>	8.6	8.5	9.2	11.9	11.7
	Drowning	1.2	1.6	1.9	1.5	1.5
	Unintentional Poisoning	7.8	6.9	8.5	9.0	10.2
	Exposure to Excessive Natural Heat <sup>2</sup>	0.5	0.5	0.6	1.3	1.1
	Legal Intervention	0.3	0.3	0.3	0.1	0.2
	Accidental Discharge of Firearms	0.3	0.3	0.1	0.2	0.2
	Discharge of Firearms, Undetermined Intent	0.2	0.4	0.1	0.4	0.2
	Complications of Medical & Surgical Care	0.9	0.9	0.7	0.6	0.9

<sup>1</sup> Ovarian cancer rates are per 100,000 females; testicular cancer rates are per 100,000 males.

<sup>2</sup> Refer to the Technical Notes for an explanation of the sharp changes in these rates over time.

**Maricopa County Five-Year Health Trends**

**Table 2.03a Firearm, Drug, and Alcohol Induced and Related Deaths 2002-2006  
Number of Deaths**

Cause	Year				
	2002	2003	2004	2005	2006
Firearm Induced	558	513	506	546	583
Drug Induced, Including Tobacco	354	357	406	470	569
Drug Related, Excluding Tobacco	-	-	443	539	629
Drug Related, Including Tobacco	-	-	601	739	825
Alcohol Induced	263	285	289	353	338
Alcohol Related	-	-	469	530	550

**Table 2.03b Firearm, Drug, and Alcohol Induced and Related Deaths 2002-2006  
Crude Death Rate per 100,000 Residents**

Cause	Year				
	2002	2003	2004	2005	2006
Firearm Induced	16.9	15.1	14.5	15.0	15.5
Drug Induced, Including Tobacco	10.7	10.5	11.6	12.9	15.1
Drug Related, Excluding Tobacco	-	-	12.7	14.8	16.7
Drug Related, Including Tobacco	-	-	17.2	20.3	21.9
Alcohol Induced	8.0	8.4	8.3	9.7	9.0
Alcohol Related	-	-	13.4	14.6	14.6

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 Five-Year Health Trends

**Table 2.04a Number of Confirmed Cases to Residents of Selected Reportable Diseases, 2002-2006**

Disease		2002	2003	2004	2005	2006
<b>Vaccine Preventable</b>	<i>H. influenzae</i>	56	44	44	60	54
	Measles	0	1	0	1	0
	Mumps	0	1	1	0	3
	Pertussis	58	75	109	248	21
<b>Central Nervous System</b>	Enceph Viral Other	12	21	31	23	15
	Meningitis Viral/Aseptic	232	1,140	562	722	624
	Meningococcal Meningitis	21	26	9	20	6
<b>Enterics</b>	Amebiasis	17	28	10	11	10
	Botulism	2	0	1	0	4
	Campylobacteriosis	367	464	427	501	432
	Cholera	0	1	0	0	0
	Cryptosporidiosis	15	5	7	9	19
	<i>E. Coli</i> O157.H7	25	28	20	30	42
	Giardiasis	162	168	105	120	66
	Listeriosis	10	8	6	8	7
	Salmonella Paratyphi	6	6	5	0	6
	Salmonellosis	395	380	356	379	432
	Shigellosis	354	338	229	249	381
	Typhoid	0	1	2	4	7
<b>Mycosis</b>	Coccidioidomycosis	2,337	2,019	2,702	2,461	4,209
<b>Zoonoses/ Vectorborne</b>	Brucellosis	5	1	0	2	3
	Dengue	0	0	0	0	8
	Hantavirus Pulm. Syndrome	3	0	0	1	3
	Lyme Disease	3	1	10	7	6
	Malaria	15	10	13	15	18
	West Nile Virus <sup>1</sup>	-	6	355	79	75
<b>Hepatitides</b>	Hepatitis A	182	151	120	68	91
	Hepatitis B <sup>2</sup> (Acute)	148	183	180	239	265
	Hepatitis C	1,492	1,906	1,725	1,366	1,585
	Hepatitis D	0	0	0	2	0
<b>Other</b>	Legionellosis	8	12	13	15	25
	MRSA <sup>3</sup>	-	-	218	1,109	997
	Strep Group A	191	149	152	168	216
	Strep Group B (<90 Days)	19	29	34	31	39
	Strep Pneumo Invasive	495	423	437	474	569
	Toxic Shock Syndrome	0	5	2	1	0
	Vibrio spp.	7	8	5	13	10
	VRE	733	622	991	1,362	1,805
	Yersiniosis	6	7	5	1	11
	Hansen's Disease	0	1	3	1	2
<b>Tuberculosis</b>		172	195	186	169	171
<b>Sexually Transmitted Diseases</b>	Genital Herpes <sup>4</sup>	777	584	817	799	1,213
	Gonorrhea <sup>4</sup>	2,974	2,674	2,967	2,915	4,000
	Syphilis – Primary and Secondary	155	141	112	123	163
	Syphilis – All Others	708	540	540	421	542
	Chlamydia <sup>4</sup>	9,663	7,755	10,677	11,330	14,596
	HIV	348	326	319	358	389
	AIDS	327	319	335	306	332
<b>All Others</b>		8	1	17	22	40
<b>Total</b>		22,509	20,803	24,862	26,247	33,257

<sup>1</sup> In 2003, two WNV cases were Maricopa County residents who acquired WNV locally but tests were not confirmed until 2004. The remaining four cases in 2003 were Maricopa County residents who acquired WNV outside of the county. WNV was not reported to health departments until 2003.

<sup>2</sup> 2006 figures for Hepatitis B (Acute) include confirmed and probable cases.

<sup>3</sup> Methicillin-resistant *Staphylococcus Aureus* (MRSA) was not reported to health departments until October 2004.

<sup>4</sup> 2003 data for genital herpes, chlamydia, and gonorrhea are disproportionately lower than other years due to a backlog in data entry during 2003.

## Maricopa County Five-Year Health Trends

**Table 2.04b Case Rates per 100,000 Residents for Selected Reportable Diseases, 2002-2006**

Disease		2002	2003	2004	2005	2006
<b>Vaccine Preventable</b>	<i>H. influenzae</i>	1.7	1.3	1.3	1.6	1.4
	Measles	0.0	0.0	0.0	0.0	0
	Mumps	0.0	0.0	0.0	0.0	0.1
	Pertussis	1.8	2.2	3.1	6.8	0.6
<b>Central Nervous System</b>	Enceph Viral Other	0.4	0.6	0.9	0.6	0.4
	Meningitis Viral/Aseptic	7.0	33.6	16.1	19.8	16.6
	Meningococcal Meningitis	0.6	0.8	0.3	0.5	0.2
<b>Enterics</b>	Amebiasis	0.5	0.8	0.3	0.3	0.3
	Botulism	0.1	0.0	0.0	0.0	0.1
	Campylobacteriosis	11.1	13.7	12.2	13.8	11.5
	Cholera	0.0	0.0	0.0	0.0	0
	Cryptosporidiosis	0.5	0.1	0.2	0.2	0.5
	<i>E. Coli</i> O157.H7	0.8	0.8	0.6	0.8	1.1
	Giardiasis	4.9	5.0	3.0	3.3	1.8
	Listeriosis	0.3	0.2	0.2	0.2	0.2
	Salmonella Paratyphi	0.2	0.2	0.1	0.0	0.2
	Salmonellosis	12.0	11.2	10.2	10.4	11.5
	Shigellosis	10.7	10.0	6.5	6.8	10.1
Typhoid	0.0	0.0	0.1	0.1	0.2	
<b>Mycosis</b>	Coccidioidomycosis	70.9	59.6	77.2	67.6	111.7
<b>Zoonoses/ Vectorborne</b>	Brucellosis	0.2	0.0	0.0	0.1	0.1
	Dengue	0.0	0.0	0.0	0.0	0.2
	Hantavirus Pulm. Syndrome	0.1	0.0	0.0	0.0	0.1
	Lyme Disease	0.1	0.0	0.3	0.2	0.2
	Malaria	0.5	0.3	0.4	0.4	0.5
	West Nile Virus <sup>1</sup>	-	0.2	10.1	2.2	2.0
<b>Hepatitides</b>	Hepatitis A	5.5	4.5	3.4	1.9	2.4
	Hepatitis B (Acute)	4.5	5.4	5.1	6.6	7.0
	Hepatitis C	45.3	56.2	49.3	37.5	42.1
	Hepatitis D	0.0	0.0	0.0	0.1	0
<b>Other</b>	Legionellosis	0.2	0.4	0.4	0.4	0.7
	MRSA <sup>2</sup>	-	-	6.2	30.5	26.5
	Strep Group A	5.8	4.4	4.3	4.6	5.7
	Strep Group B <sup>3</sup>	0.6	0.9	1.0	0.9	0.6
	Strep Pneumo Invasive	15.0	12.5	12.5	13.0	15.1
	Toxic Shock Syndrome	0.0	0.1	0.1	0.0	0
	Vibrio spp.	0.2	0.2	0.1	0.4	0.3
	VRE	22.2	18.4	28.3	37.4	47.9
	Yersiniosis	0.2	0.2	0.1	0.0	0.3
	Hansen's Disease	0.0	0.0	0.1	0.0	0.1
<b>Tuberculosis</b>		5.2	5.8	5.3	4.6	4.5
<b>Sexually Transmitted Diseases</b>	Genital Herpes <sup>4</sup>	23.6	17.2	23.4	22.0	32.2
	Gonorrhea <sup>4</sup>	90.2	78.9	84.8	80.1	106.2
	Syphilis – Primary and Secondary	4.7	4.2	3.2	3.4	4.3
	Syphilis – All Others	21.5	15.9	15.4	11.6	14.4
	Chlamydia <sup>4</sup>	293.1	228.8	305.2	311.4	387.4
	HIV	10.6	9.6	9.1	9.8	10.3
	AIDS	9.9	9.4	9.6	8.4	8.8
<b>All Others</b>		0.2	0.0	0.5	0.6	1.1
<b>Total</b>		682.8	613.8	710.7	721.4	882.6

<sup>1</sup> In 2003, two WNV cases were Maricopa County residents who acquired WNV locally but tests were not confirmed until 2004. The remaining four cases in 2003 were Maricopa County residents who acquired WNV outside of the county. WNV was not reported to health departments until 2003.

<sup>2</sup> Methicillin-resistant *Staphylococcus Aureus* (MRSA) was not reported to health departments until October 2004.

<sup>3</sup> Rates for Streptococcus Group B Invasive disease in infants <90 days are per 1,000 live births.

<sup>4</sup> 2003 data for genital herpes, chlamydia, and gonorrhea are disproportionately lower than other years due to a backlog in data entry during 2003.

**Maricopa County Five-Year Health Trends**

**Table 2.05a Congenital Syphilis by Race/Ethnicity and Year  
Number of Cases, 2002-2006**

Race/Ethnicity	Year				
	2002	2003	2004	2005	2006
White	2	2	1	1	1
Hispanic (Including Amer. Ind.)	12	19	11	16	7
African American	3	3	0	3	0
American Indian, Non-Hispanic	3	1	0	2	2
Asian	0	0	0	0	0
Other/Unknown	0	0	0	0	0
Total	20	25	12	22	10

**Table 2.05b Congenital Syphilis by Race/Ethnicity and Year  
Case Rates per 100,000 Live Births, 2002-2006**

Race/Ethnicity	Year				
	2002	2003	2004	2005	2006
White	7.6	7.6	3.7	3.7	3.5
Hispanic (Including Amer. Ind.)	48.0	71.0	40.1	55.8	23.0
African American	151.7	137.6	0	116.4	0
American Indian, Non-Hispanic	191.6	62.0	0	114.4	103.5
Asian	0	0	0	0	0
Other/Unknown	-	-	-	-	-
Total	35.3	42.4	19.8	35.4	15.1

**Table 2.06 Hansen's Disease Prevalence**

Total number of cases reported in Maricopa County as of December 31, 2006	
Sex	
Male	39
Female	31
Total	70
Age at Diagnosis	
0-9	1
10-14	1
15-19	7
20-24	8
25-34	18
35-44	11
45-54	3
55-64	8
65 and Older	1
Unknown	12
Total	70

This table includes all known cases of Hansen's Disease diagnosed in Maricopa County, including some non-Maricopa County residents. It includes suspect and confirmed cases diagnosed between 1955 and 2006.

## Maricopa County Five-Year Health Trends

### Table 2.07a Selected Maternal & Child Health Indicators, 2002-2006

Indicator		2002	2003	2004	2005	2006	
<b>Countywide Indicators</b>	Number of Live Births	56,611	59,000	60,535	62,223	66,162	
	Male Infants of Total Live Births	29,059	30,119	30,971	31,771	33,867	
<b>Number of Live Births to Mothers With Selected Risk Factors</b>	Mothers With <12 Years Education	17,139	18,420	18,662	18,816	19,765	
	Births to Women 10-19 Years Old	6,832	6,968	7,082	7,212	7,904	
	Births to Women 15-17 Years Old	2,351	2,484	2,540	2,582	2,774	
	Births to Women Over 35 Years Old	6,544	6,753	7,339	7,478	8,218	
	Births to Never Married Women	21,720	23,191	24,204	25,574	28,224	
	Tobacco Use During Pregnancy	3,263	3,226	3,145	2,833	2,737	
	Alcohol Use During Pregnancy	400	475	411	397	334	
	Mother with Pre-Existing Cardiac Disease	103	73	53	99	117	
	Mother with Pre-Existing Diabetes	1,343	1,180	1,303	1,713	2,005	
	Mothers with No Medical Risk Factors for Pregnancy	42,285	43,753	45,689	47,616	51,467	
<b>Number of Live Births With Selected Risk Factors Associated with Pregnancy</b>	Induced Labor	9,424	10,122	10,726	12,060	11,185	
	Delivery via C-Section	Primary Cesarean Section	7,372	7,856	8,260	9,030	10,361
		Repeat Cesarean Section	4,933	5,404	6,153	6,826	7,228
	Preterm Births (Less than 37 Weeks)	5,877	6,339	6,816	6,804	7,250	
	Hospital Births	56,186	58,523	60,098	61,837	65,728	
	Method of Payment	AHCCCS	26,569	28,719	30,044	32,242	34,144
		IHS	263	281	219	212	252
		Private Insurance	28,091	28,202	28,264	27,904	29,723
		Self	1,188	1,153	1,421	1,602	1,819
	Prenatal Care	None	1,000	1,619	1,460	1,193	1,382
		1 <sup>st</sup> Trimester	44,784	46,429	48,202	50,090	53,160
		2 <sup>nd</sup> Trimester	8,566	8,457	8,605	9,107	9,628
		3 <sup>rd</sup> Trimester	1,905	2,157	2,129	1,797	1,949
	Number of Prenatal Care Visits	0	1,000	1,619	1,460	1,193	1,382
		1-4	1,885	1,883	2,198	2,147	2,287
		5-8	7,239	7,687	8,791	9,859	10,455
		9-12	25,250	26,899	30,114	33,038	33,328
		13+	20,204	19,260	17,426	15,932	18,577
	Plurality	Singletons	54,962	57,281	58,691	60,450	64,275
		Twins	1,524	1,589	1,713	1,684	1,788
Singleton Births Receiving Early & Adequate Prenatal Care <sup>1</sup>		40,885	40,663	41,925	42,992	45,554	
<b>Number of Live Births with Selected Risk Factors Associated with the Neonate</b>	Neonatal Intensive Care	3,233	2,974	3,312	3,525	3,326	
	Infants Transferred to Another Facility <sup>2</sup>	216	262	289	346	392	
	Birthweight	Very Low (<1500g)	673	673	735	735	790
		Low (<2500g)	3,800	4,113	4,275	4,253	4,638
		High (>4250g)	1,953	1,910	1,878	1,866	2,104
	Infants With a Neural Tube Defect <sup>3</sup>	7	17	11	7	5	
Infants With Fetal Alcohol Syndrome <sup>3</sup>	0	0	0	1	0		

<sup>1</sup> See the technical notes for an explanation of early and adequate prenatal care.

<sup>2</sup> Infants transferred from Banner Good Samaritan Hospital to Phoenix Children's Hospital have not been counted as transfers since the two hospitals share facilities, with Phoenix Children's Hospital providing Neonatal Intensive Care services to infants born at Banner Good Samaritan.

<sup>3</sup> Due to the collection method for these data, information is underestimated.

## Maricopa County Five-Year Health Trends

**Table 2.07b Selected Maternal & Child Health Indicator Percentages, 2002-2006**

Indicator		2002	2003	2004	2005	2006	
<b>Countywide Indicators</b>	Number of Live Births	56,611	59,000	60,535	62,223	66,162	
	% Male Infants of Total Live Births	51.3%	51.0%	51.2%	51.1%	51.2%	
	Fertility Rate per 1,000 Women Age 15-44 <sup>1</sup>	79.3	81.2	81.5	81.1	84.0	
<b>Percentage of Live Births to Mothers With Selected Risk Factors</b>	% Mothers With <12 Years Education	30.3%	31.2%	30.8%	30.2%	29.9%	
	% Births to Women 10-19 Years Old	12.1%	11.8%	11.7%	11.6%	11.9%	
	% Births to Women 15-17 Years Old	4.2%	4.2%	4.2%	4.1%	4.2%	
	% Births to Women Over 35 Years Old	11.6%	11.4%	12.1%	12.0%	12.4%	
	% Births to Never Married Women	38.4%	39.3%	40.0%	41.1%	42.7%	
	% Tobacco Use During Pregnancy	5.8%	5.5%	5.2%	4.6%	4.1%	
	% Alcohol Use During Pregnancy	0.7%	0.8%	0.7%	0.6%	0.5%	
	% Mother with Pre-Existing Cardiac Disease	0.2%	0.1%	0.1%	0.2%	0.2%	
	% Mother with Pre-Existing Diabetes	2.4%	2.0%	2.2%	2.8%	3.0%	
	% Mothers with No Medical Risk Factors for Pregnancy	74.7%	74.2%	75.5%	76.5%	77.8%	
<b>Percentage of Live Births With Selected Risk Factors Associated with Pregnancy</b>	% Induced Labor		16.6%	17.2%	17.7%	19.4%	16.9%
	Delivery via C-Section	Primary Cesarean Section	13.0%	13.3%	13.6%	14.5%	15.7%
		Repeat Cesarean Section	8.7%	9.2%	10.2%	11.0%	10.9%
	% Preterm Births (Less than 37 Weeks)		10.4%	10.7%	11.3%	10.9%	11.0%
	% Hospital Births		99.2%	99.2%	99.3%	99.4%	99.3%
	Method of Payment	AHCCCS	46.9%	48.7%	49.6%	51.8%	51.6%
		IHS	0.5%	0.5%	0.4%	0.3%	0.4%
		Private Insurance	49.6%	47.8%	46.7%	44.8%	44.9%
		Self	2.1%	2.0%	2.3%	2.6%	2.7%
	Prenatal Care	None	1.8%	2.7%	2.4%	1.9%	2.1%
		1 <sup>st</sup> Trimester	79.1%	78.7%	79.6%	80.5%	80.3%
		2 <sup>nd</sup> Trimester	15.1%	14.3%	14.2%	14.6%	14.6%
		3 <sup>rd</sup> Trimester	3.4%	3.7%	3.5%	2.9%	2.9%
	Number of Prenatal Care Visits	0	1.8%	2.7%	2.4%	1.9%	2.1%
		1-4	3.3%	3.2%	3.6%	3.5%	3.5%
		5-8	12.8%	13.0%	14.5%	15.8%	15.8%
		9-12	44.6%	45.6%	49.7%	53.1%	50.4%
		13+	35.7%	32.6%	28.8%	25.6%	28.1%
	Plurality	Singletons	97.1%	97.1%	97.0%	97.2%	97.1%
		Twins	2.7%	2.7%	2.8%	2.7%	2.7%
% Singleton Births Receiving Early & Adequate Prenatal Care <sup>2</sup>		74.4%	71.0%	71.4%	71.1%	68.9%	
<b>Percentage of Live Births with Selected Risk Factors Associated with the Neonate</b>	Neonatal Intensive Care		5.7%	5.0%	5.5%	5.7%	5.0%
	% Infants Transferred to Another Facility <sup>3</sup>		0.4%	0.4%	0.5%	0.6%	0.6%
	Birthweight	Very Low (<1500g)	1.2%	1.1%	1.2%	1.2%	1.2%
		Low (<2500g)	6.7%	7.0%	7.1%	6.8%	7.0%
		High (>4250g)	3.4%	3.2%	3.1%	3.0%	3.2%
	% Infants With a Neural Tube Defect <sup>4</sup>		0.0%	0.0%	0.0%	0.0%	0.0%
% Infants With Fetal Alcohol Syndrome <sup>4</sup>		0%	0%	0%	0.0%	0%	

<sup>1</sup> The annual number of women age 15 to 44 years old was used to compute this rate.

<sup>2</sup> See the technical notes for an explanation of early and adequate prenatal care.

<sup>3</sup> Infants transferred from Banner Good Samaritan Hospital to Phoenix Children's Hospital have not been counted as transfers since the two hospitals share facilities, with Phoenix Children's Hospital providing Neonatal Intensive Care services to infants born at Banner Good Samaritan.

<sup>4</sup> Due to the collection method for these data, information is underestimated.

**Maricopa County Five-Year Health Trends**

**Table 2.08a Infant Mortality by Race/Ethnicity of Mother, 2002-2006 (Linked)**

Race/Ethnicity of Mother	Year					Total
	2002	2003	2004	2005	2006	
White	168	138	151	155	139	751
Hispanic	148	171	185	172	207	883
African American	20	26	21	21	42	130
Amer Ind., Non-Hisp.	10	18	11	11	7	57
Amer Ind., Hispanic	0	1	1	0	0	2
Asian	9	12	13	13	7	54
Other/Unknown	0	1	4	1	2	8
Total	355	367	386	373	404	1,885

**Table 2.08b Infant Mortality Rates by Race/Ethnicity of Mother, 2002-2006 (Linked)**  
**Infant Mortality per 1,000 Live Births**

Race/Ethnicity of Mother	Year				
	2002	2003	2004	2005	2006
White	6.4	5.2	5.6	5.7	4.9
Hispanic	6.0	6.4	6.8	6.0	6.8
African American	10.1	11.9	8.7	8.1	14.8
Amer Ind., Non-Hisp.	6.4	11.2	6.4	6.3	3.6
Amer Ind., Hispanic	0	9.9	11.6	0	0
Asian	5.4	6.5	6.6	6.4	3.0
Other/Unknown	-	-	-	-	-
Total	6.3	6.2	6.4	6.0	6.1

**Table 2.09a Infant Mortality by Age of Mother, 2002-2006 (Linked)**

Age of Mother	Year					Total
	2002	2003	2004	2005	2006	
<20	65	57	67	63	67	319
20-29	172	201	205	208	214	1,000
30-39	109	96	102	89	114	510
40 and Older	9	13	12	13	9	56
Total	355	367	386	373	404	1,885

**Table 2.09b Infant Mortality Rates by Age of Mother, 2002-2006 (Linked)**  
**Infant Mortality per 1,000 Live Births**

Age of Mother	Year				
	2002	2003	2004	2005	2006
<20	9.5	8.2	9.5	8.7	8.5
20-29	5.6	6.2	6.3	6.1	5.9
30-39	6.2	5.2	5.2	4.5	5.5
40 and Older	8.0	10.6	9.0	10.0	6.4
Total	6.3	6.2	6.4	6.0	6.1

Note: See Technical Notes at the end of this report for an explanation of linked and unlinked data.

**Maricopa County Five-Year Health Trends**

**Table 2.10a Infant Mortality by Educational Level of Mother, 2002-2006 (Linked)**

Educational Level of Mother	Year					Total
	2002	2003	2004	2005	2006	
Less Than 6 <sup>th</sup> Grade	6	13	7	9	7	42
6 <sup>th</sup> – 11 <sup>th</sup> Grade	115	109	142	125	137	628
High School Diploma	102	118	108	113	127	568
College or Higher	122	117	121	120	128	608
Unknown	10	10	8	6	5	39
<b>Total</b>	<b>355</b>	<b>367</b>	<b>386</b>	<b>373</b>	<b>404</b>	<b>1,885</b>

**Table 2.10b Infant Mortality Rates by Educational Level of Mother, 2002-2006 (Linked)**  
**Infant Mortality per 1,000 Live Births**

Educational Level of Mother	Year				
	2002	2003	2004	2005	2006
Less Than 6 <sup>th</sup> Grade	5.7	10.6	6.2	8.3	5.4
6 <sup>th</sup> – 11 <sup>th</sup> Grade	7.1	6.3	8.1	7.0	7.4
High School Diploma	6.7	7.7	6.9	6.8	7.0
College or Higher	5.3	4.8	4.8	4.6	4.6
Unknown	8.3	9.6	9.0	10.4	8.3
<b>Total</b>	<b>6.3</b>	<b>6.2</b>	<b>6.4</b>	<b>6.0</b>	<b>6.1</b>

**Table 2.11a Infant Mortality by Birthweight, 2002-2006 (Linked)**

Birthweight	Year					Total
	2002	2003	2004	2005	2006	
<1500 Grams	196	180	212	197	215	1,000
1500-2499 Grams	38	57	70	52	54	271
2500-4249 Grams	117	126	103	121	127	594
>4249 Grams	3	2	0	2	3	10
Unknown	1	2	1	1	5	10
<b>Total</b>	<b>355</b>	<b>367</b>	<b>386</b>	<b>373</b>	<b>404</b>	<b>1,885</b>

**Table 2.11b Infant Mortality Rates by Birthweight, 2002-2006 (Linked)**  
**Infant Mortality per 1,000 Live Births**

Birthweight	Year				
	2002	2003	2004	2005	2006
<1500 Grams	291.2	267.5	288.4	268.0	272.2
1500-2499 Grams	12.2	16.6	19.8	14.8	14.0
2500-4249 Grams	2.3	2.4	1.9	2.2	2.1
>4249 Grams	1.5	1.0	0	1.1	1.4
Unknown	58.8	95.2	66.7	200.0	714.3
<b>Total</b>	<b>6.3</b>	<b>6.2</b>	<b>6.4</b>	<b>6.0</b>	<b>6.1</b>

Note: See Technical Notes at the end of this report for an explanation of linked and unlinked data.

**Maricopa County Five-Year Health Trends**

**Table 2.12 Infant Mortality and Rates by Age of Infant, 2002-2006 (Linked & Unlinked)**

Infant Mortality		Year				
		2002	2003	2004	2005	2006
Linked Data	Neonatal (≤ 28 Days)	241	251	271	249	277
	Postnatal (> 28 Days)	114	116	115	124	127
	Total	355	367	386	373	404
Unlinked Data	Neonatal (≤ 28 Days)	244	253	274	253	278
	Postnatal (> 28 Days)	117	116	122	129	128
	Total	361	369	396	382	406
Infant Mortality Rates per 1,000 Live Births		Year				
		2002	2003	2004	2005	2006
Linked Data	Neonatal (≤ 28 Days)	4.3	4.3	4.5	4.0	4.2
	Postnatal (> 28 Days)	2.0	2.0	1.9	2.0	1.9
	Total	6.3	6.2	6.4	6.0	6.1
Unlinked Data	Neonatal (≤ 28 Days)	4.3	4.3	4.5	4.1	4.2
	Postnatal (> 28 Days)	2.1	2.0	2.0	2.1	1.9
	Total	6.4	6.3	6.5	6.1	6.1

Note: See Technical Notes at the end of this report for an explanation of linked and unlinked data.

**Maricopa County Five-Year Health Trends**

**Table 2.13a Infant Mortality by Age of Infant and Race/Ethnicity of Mother, 2002-2006  
(Linked)**

Linked Infant Mortality		Year				
		2002	2003	2004	2005	2006
Neonatal (≤ 28 Days)	White	120	92	107	102	101
	Hispanic	101	126	132	123	140
	African American	10	17	14	11	23
	Amer. Ind., Non-Hisp.	3	6	5	4	8
	Amer. Ind., Hispanic	0	1	1	0	0
	Asian	7	8	10	8	4
	Other/Unknown	0	1	2	1	1
	Total	241	251	271	249	277
Postnatal (> 28 Days)	White	48	46	44	53	38
	Hispanic	47	45	53	49	63
	African American	10	9	7	10	19
	Amer. Ind., Non-Hisp.	7	12	6	7	3
	Amer. Ind., Hispanic	0	0	0	0	0
	Asian	2	4	3	5	3
	Other/Unknown	0	0	2	0	1
	Total	114	116	115	124	127

**Table 2.13b Infant Mortality Rates by Age of Infant and Race/Ethnicity of Mother,  
2002-2006 (Linked) Infant Mortality per 1,000 Live Births**

Linked Infant Mortality		Year				
		2002	2003	2004	2005	2006
Neonatal (≤ 28 Days)	White	4.6	3.5	4.0	3.8	3.6
	Hispanic	4.1	4.7	4.8	4.3	4.6
	African American	5.1	7.8	5.8	4.3	8.1
	Amer. Ind., Non-Hisp.	1.9	3.7	2.9	2.3	4.1
	Amer. Ind., Hispanic	0	9.9	11.6	0	0
	Asian	4.2	4.4	5.1	4.0	1.7
	Other/Unknown	-	-	-	-	-
	Total	4.3	4.3	4.5	4.0	4.2
Postnatal (> 28 Days)	White	1.8	1.7	1.6	2.0	1.3
	Hispanic	1.9	1.7	1.9	1.7	2.1
	African American	5.1	4.1	2.9	3.9	6.7
	Amer. Ind., Non-Hisp.	4.5	7.4	3.5	4.0	1.6
	Amer. Ind., Hispanic	0	0	0	0	0
	Asian	1.2	2.2	1.5	2.5	1.3
	Other/Unknown	-	-	-	-	-
	Total	2.0	2.0	1.9	2.0	1.9

Note: See Technical Notes at the end of this report for an explanation of linked and unlinked data.

**Maricopa County Five-Year Health Trends**

**Table 2.14a Infant Mortality by Race/Ethnicity of Infant, 2002-2006 (Unlinked)**

Race/Ethnicity of Infant	Year					Total
	2002	2003	2004	2005	2006	
White	157	129	141	142	142	711
Hispanic	161	185	203	182	203	934
African American	24	29	28	27	43	151
Amer Ind., Non-Hisp.	6	12	6	10	12	46
Amer Ind., Hispanic	5	7	7	7	2	28
Asian	8	7	8	13	4	40
Other/Unknown	0	0	3	1	0	4
Total	361	369	396	382	406	1,914

**Table 2.14b Infant Mortality Rates by Race/Ethnicity of Infant, 2002-2006 (Unlinked)**  
**Infant Mortality per 1,000 Live Births**

Race/Ethnicity of Infant	Year				
	2002	2003	2004	2005	2006
White	6.0	4.9	5.3	5.2	5.0
Hispanic	6.5	6.9	7.4	6.4	6.7
African American	12.1	13.3	11.6	10.5	15.1
Amer Ind., Non-Hisp.	3.8	7.4	3.5	5.7	6.2
Amer Ind., Hispanic	44.2	69.3	81.4	67.3	18.9
Asian	4.8	3.8	4.1	6.4	1.7
Other/Unknown	-	-	-	-	-
Total	6.4	6.3	6.5	6.1	6.1

Note: See Technical Notes at the end of this report for an explanation of linked and unlinked data.

### III. Technical Notes

#### Population Statistics

Population statistics are shown in Tables 1.01 through 1.11. This report used the most recent U.S. Census data and estimates for population figures at the time of analysis.

- The population for Maricopa County population is from the U.S. Census Bureau, County Population Estimates by Age, Sex, Race and Hispanic Origin for July 1, 2006, released August 9, 2007. This is at <http://www.census.gov/popest/counties/files/CO-EST2006-ALLDATA.csv>
- The population for Arizona is from [http://www.census.gov/popest/national/files/NST\\_EST2006\\_ALLDATA.csv](http://www.census.gov/popest/national/files/NST_EST2006_ALLDATA.csv)
- The population for Phoenix is from <http://www.census.gov/popest/cities/files/SUB-EST2006-almo.csv>

The population figures in this report may differ from figures in previous Maricopa County Department of Public Health (MCDPH) and other reports in two ways. First, some reports use Arizona Department of Economic Security (ADES) or MCDPH estimates for population data. Second, some reports may use the first published estimates by the 2000 U.S. Census. This report uses the most recent U.S. Census population figures and estimates for 2006. For a complete explanation on how the most recent U.S. Census data differ from the first published U.S. Census data, see the following: “2000 Census of Population and Housing, Notes and Errata” at [www.census.gov/prod/cen2000/notes/errata.pdf](http://www.census.gov/prod/cen2000/notes/errata.pdf).

This report defines “Hispanic” as: all respondents listing Hispanic, either alone or in combination with any race that do not identify themselves as American Indian or Alaska Native. This report separates the American Indian population by ethnicity (Hispanic, Non-Hispanic). The table below shows how the U.S. Census variables of “origin” and “race” are used for categorization in this report.

<b>Table 3.1 Race/Ethnicity Categories Used in This Report</b>		
<b>Category Used in This Report</b>	<b>U.S. Census Code “Race”</b>	<b>U.S. Census Code “Origin”</b>
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)
American Indian, Hispanic	Race=3 (American Indian or Alaska Native Alone)	Origin=2 (Hispanic)
Asian	Race=4 (Asian Alone) or 5 (Native Hawaiian or Other Pacific Islander Alone)	Origin=1 (Non-Hispanic)
Other	Race=6 (Two or More Races)	Origin=1 (Non-Hispanic)
Hispanic	Race=1,2,4,5,6	Origin=2 (Hispanic)

## ***Mortality (Death) Statistics***

Mortality (death) statistics are shown in Tables **2.01a** through **2.03b**. Any crude death rate can be calculated by taking the number of deaths from any mortality table in this report and dividing it by the appropriate age, sex, race/ethnicity, or total population denominator found in Tables **1.01** through **1.10**. In tables where rates are shown, “0” means there were no cases/deaths in that category. However, when the number “0.0” is shown, it means that there were fewer than .05 deaths per 100,000 residents. By definition, deaths due to SIDS only occur in infants; as a result, these numbers are divided by the number of live births, to produce a rate per 1,000 live births.

All data on mortality statistics are from the Arizona Department of Health Services (ADHS) final annual files. The Maricopa County mortality data are from death certificates for 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 the course of routine data review, miscoded causes of death and duplicate mortality records were identified. The following number of duplicates have been deleted from the mortality records: 5 records in 2005, 1 record in 2004, and 1 record in 2002. Two records with erroneous causes of death were altered in 2006. As a result of these changes, the numbers presented in this report may not match those presented by ADHS for Maricopa County.

For both mortality and morbidity (communicable disease), rates for some racial/ethnic populations such as American Indians, Asians, and African Americans are 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** through **1.10**), 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. Therefore, it is advisable to examine the raw number of cases or deaths, in addition to the rates.

In Table **2.01a**, deaths due to unintentional injury 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 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). Table **2.02a** presents the number of deaths by year meeting the criteria for ‘complications of medical and surgical care.’

Tables **2.05b**, **2.08b**, **2.13b**, and **2.14b** do not provide a rate for the category labeled “Unknown Race/Ethnicity.” Since the U.S. Census Bureau does not report data on people of ‘unknown race/ethnicity,’ there is no denominator to use for calculating the rate.

Tables **2.02a** and **2.02b** show sharp changes in the numbers and rates of deaths attributed to unintentional falls, exposure to excessive natural heat, and accidental discharge of firearms. These changes may be artifacts of the mortality specification and coding systems and not real changes in the actual incidence of these events. Causes of death due to external events, as opposed to those intrinsically related to disease processes, are subject to many sources of variability:

- Causes of deaths may be translated into International Classification of Disease, 10<sup>th</sup> Revision (ICD-10) codes by different methods
- The medical examiners’ specification of the sequence of the causes of death may change from year to year in systematic, non-random ways
- Changes in NCHS rules regarding the manner, or intentionality, of death may have caused misclassification of intentional injuries, like suicides and homicides, as unintentional, or accidental, injuries.

Further investigation into the reasons for these changes is ongoing.

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. Causes of death are classified by ICD-10 codes. The codes used for each category are listed in Table 3.2 below.

Firearm, drug, and alcohol induced deaths are also included in 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 long or short term effect of alcohol, such as acute alcohol intoxication or alcoholic cardiomyopathy.

Tables 2.03a and 2.03b 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). Since tobacco is not often considered to be a drug in the colloquial sense, drug-related deaths are listed both with and without tobacco-related deaths.

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 cause of death (MCD) data supplied by ADHS with the final annual mortality files, beginning in 2004.

**Table 3.2 ICD-10 Codes Used for This Report**

<b>Cause</b>	<b>ICD-10 Codes Used (2002-2006)</b>
Salmonella & Other Intestinal Infections	A01-A04, 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 Lip, Oral Cavity, and Pharynx	C00-C14
Malignant Neoplasm of the Stomach	C16
Malignant Neoplasm of the Colon	C18-C21
Malignant Neoplasm of the Pancreas	C25
Malignant Neoplasm of Bronchus, Lung, or Trachea	C33-C34
Malignant Melanoma of Skin	C43
Malignant Neoplasm of the Breast	C50
Malignant Neoplasm of the Uterus, Cervix, Ovary	C53-C56
Malignant Neoplasm of the Ovary	C56

(Table Continues)

(Table 3.2, Continued)

<b>Cause</b>	<b>ICD-10 Codes Used (2002-2006)</b>
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	G35
Epilepsy	G40-G41
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	J10-J18
Chronic Lower Respiratory	J40-J47
Emphysema	J43
Asthma	J45-J46
Peptic Ulcer	K25-K28
Liver Disease, including chronic liver disease, cirrhosis, alcoholic liver disease, and other chronic liver disease	K70, K73-K74
Alcoholic Liver Disease	K70
Rheumatoid Arthritis	M05-M08
Lupus	M32
Osteoporosis	M80-M81
Nephritis, nephritic syndrome and nephrosis	N00-N07, N17-N19, N25-N27
Pregnancy, childbirth, and the puerperium	O00-O99
Perinatal Conditions	P00-P96
Disorders Related to Short Gestation and Low Birth Weight (LBW)	P07

(Table Continues)

(Table 3.2, Continued)

<b>Cause</b>	<b>ICD-10 Codes Used (2002-2006)</b>
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-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
Exposure to Excessive 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 & 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

## **Communicable Disease (Morbidity) Statistics**

Communicable disease statistics are shown in Tables **2.04a** through **2.06**. Any morbidity rate can be calculated by taking the number of cases from any communicable disease table in this report and dividing it by the appropriate age, gender, race/ethnicity, or total population denominator found in Tables **1.01** through **1.10**. Because Streptococcal Group B Invasive disease is only reportable in infants under 90 days, these numbers are divided by the number of live births, to produce a rate per 1,000 live births.

The Maricopa County morbidity data are for Maricopa County residents only. 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. 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, this report shows six residents with West Nile virus (WNV) in 2003. Two of these cases acquired WNV outside of Maricopa County, the other four cases were acquired locally. Other reports and press releases may focus on only the locally acquired WNV cases, regardless of the residency status of the cases. For Hansen's disease only, tables include residents from various counties in Arizona, regardless of where the disease was acquired.

Communicable disease data are from the ADHS final annual files with several exceptions: data on West Nile virus, hepatitis C, genital herpes, gonorrhea, chlamydia, syphilis, and Hansen's disease are from MCDPH. Because the MCDPH communicable disease database is continuously updated, the data for hepatitis C and West Nile virus can change over time. Hepatitis C data for 2006 used in this report were generated on May 29, 2007 for confirmed, acute and chronic, physician-reported cases among Maricopa County residents. West Nile virus data for 2006 used in this report were generated on May 30, 2007 for all confirmed cases among Maricopa County residents.

In previous Health Status Reports, hepatitis B data were also obtained from the MCDPH. However, there have been a number of issues contributing to unreliable Hepatitis B data. Therefore, this report uses hepatitis B data for confirmed and probable acute cases from ADHS for all years presented.

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. HIV/AIDS data for Maricopa County are from May 9, 2007 and were provided to MCDPH for this report. Primary and secondary syphilis is shown as "Syphilis-Prim. and Sec". The "Syphilis - All others" category includes latent and congenital syphilis. These two categories can be added to determine the total number of syphilis cases. Syphilis data were generated on June 1, 2007. Congenital syphilis details may be found in Tables **2.05a** and **2.05b**.

Morbidity data include only confirmed cases, with the exception of Hepatitis B and Hansen's disease. Data for Hansen's disease includes all confirmed, suspect, and probable cases diagnosed in Maricopa County, including diagnoses to non-county residents. Data for Hepatitis B includes confirmed and probable acute cases among Maricopa County residents in 2006.

All communicable disease statistics in this report are new cases for each specified year (incidence). The only exception is Hansen's disease for which the prevalence (all existing cases from all years) is shown. The figures presented for Hansen's disease differ from previous years due to the addition of several cases diagnosed in previous years but only recently available.

Morbidity data for hepatitis C and West Nile Virus are classified by the earliest date in the record. The earliest date may be date of onset, date of diagnosis, or date of report. HIV, AIDS, and Hansen's disease data are classified by date of diagnosis. All other data are classified by date of report.

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.

In Tables **2.04a** and **2.04b**, the category labeled “All Others” includes all reportable diseases in the ADHS communicable disease database that are not listed previously on the table.

### ***Natality (Birth) Statistics***

Natality (birth) statistics are shown in Tables **2.07a** through **2.10b**.

In the course of routine data review, erroneous natality records were identified. The following number of duplicates have been deleted from the natality records: 1 record in 2005 and 2 records in 2002. 2 records in 2006 had been assigned to an incorrect residential county, and were altered for accuracy. As a result of these changes, the numbers presented in this report may not match those presented by ADHS for Maricopa County.

Infant mortality statistics shown in this report are from linked and unlinked data as indicated in each table. An explanation of linked and unlinked data is presented below.

The infant mortality rates for older and younger maternal age groups (under 15 and over 45) may be high compared to other groups. These groups have relatively small populations in Maricopa County. Although rates may be high, they may represent only one or two cases in a given category. Therefore, it is advisable to check the raw numbers.

Adequate prenatal care is based on the Adequacy of Prenatal Care Utilization Index (APCUI)<sup>1</sup>. 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 births are shown in these tables because twins and higher order births are typically higher risk pregnancies, and the index is not appropriate for summarizing their prenatal care usage.

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

The following definitions related to reproductive health have been established by NCHS<sup>2</sup>:

- Birth or Live Birth<sup>3</sup> – 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.

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<sup>1</sup> 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.

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

<sup>3</sup> The Arizona statute defining a live birth follows this definition.

- 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 37<sup>th</sup> week (259<sup>th</sup> 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.
- 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.
- Linked Infant Mortality – Whenever possible, infant death certificate data are linked to birth certificate information to determine parental, demographic and birth data. Not all infant deaths can be linked (up to 3% are lost to follow-up). In this report, MCDPH created a linked death cohort such that one calendar year of infant death data linked back to the birth data from the current or prior calendar year.

### ***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/](http://www.maricopa.gov/Public_Health/)
- Arizona Department of Health Services: [www.hs.state.az.us](http://www.hs.state.az.us)
- Centers for Disease Control and Prevention, National Center for Health Statistics: [www.cdc.gov/nchs](http://www.cdc.gov/nchs)
- Department of Economic Security: [www.de.state.az.us](http://www.de.state.az.us)