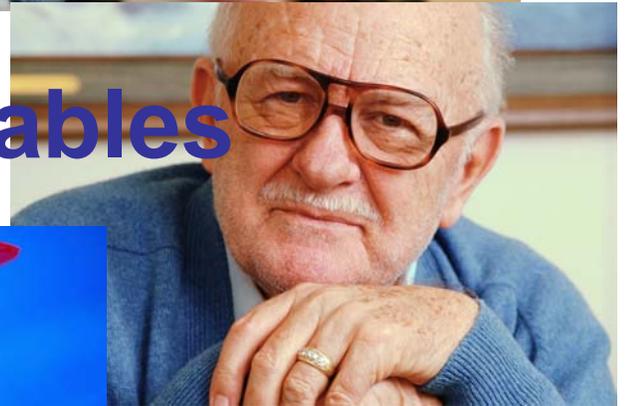


Maricopa County Health Status Report 2002



Reference Tables



Prepared by the Maricopa County Department of Public Health
Office of Epidemiology and Data Services

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Maricopa County

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For additional copies of this report, please call the Maricopa County Department of Public Health, Office of Epidemiology and Data Services at 602.372.2604. This report may also be found at http://www.maricopa.gov/public_health/epi/ under "Health Statistics and Reports."

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Introduction

This report provides health status information for the year 2002 for residents of Maricopa County, Arizona. It includes data for morbidity (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: 58 residents of Maricopa County were diagnosed with confirmed cases of Pertussis (whooping cough) in 2002.
 - Natality (Birth) Example: There were 673 infants born with a very low birthweight (less than 1500 grams) in 2002.
- Rate or percentage of cases in the county
 - Communicable Disease Example: For every 100,000 residents of Maricopa County, 1.8 were diagnosed with Pertussis in 2002.
 - Natality (Birth) Example: Among all live births in 2002, 1.2% were born with a very low birthweight.

All data in this report are for calendar year 2002.

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

I. Maricopa County 2002 Population Statistics

Maricopa County 2002 Population Statistics

Table 1.01 Population Estimates by Age, Gender, and Race/Ethnicity, 2002

Age by Gender

| Age | Males | | Females | | Total | |
|--------------|------------------|-------|------------------|-------|------------------|-------|
| | No. | % | No. | % | No. | % |
| 0-4 | 138,593 | 8.4% | 132,084 | 8.0% | 270,677 | 8.2% |
| 5-9 | 131,610 | 8.0% | 125,856 | 7.7% | 257,466 | 7.8% |
| 10-14 | 127,849 | 7.7% | 121,414 | 7.4% | 249,263 | 7.6% |
| 15-19 | 114,382 | 6.9% | 106,671 | 6.5% | 221,053 | 6.7% |
| 20-24 | 126,529 | 7.7% | 113,167 | 6.9% | 239,696 | 7.3% |
| 25-34 | 273,618 | 16.6% | 247,162 | 15.1% | 520,780 | 15.8% |
| 35-44 | 252,231 | 15.3% | 239,751 | 14.6% | 491,982 | 14.9% |
| 45-54 | 195,191 | 11.8% | 201,501 | 12.3% | 396,692 | 12.0% |
| 55-64 | 130,281 | 7.9% | 142,041 | 8.7% | 272,322 | 8.3% |
| 65-74 | 91,240 | 5.5% | 104,501 | 6.4% | 195,741 | 5.9% |
| 75-84 | 55,329 | 3.3% | 77,810 | 4.7% | 133,139 | 4.0% |
| 85+ | 14,807 | 0.9% | 29,823 | 1.8% | 44,630 | 1.4% |
| Total | 1,651,660 | | 1,641,781 | | 3,293,441 | |

Race/Ethnicity by Gender

| Race/Ethnicity | Males | | Females | |
|-----------------------|------------------|-------|------------------|-------|
| | No. | % | No. | % |
| White | 1,039,197 | 56.8% | 1,074,381 | 59.5% |
| Hispanic | 458,308 | 25.1% | 410,603 | 22.7% |
| African American | 61,515 | 3.4% | 58,898 | 3.3% |
| Amer. Ind., Non-Hisp. | 25,748 | 1.4% | 27,924 | 1.5% |
| Amer. Ind., Hisp. | 8,457 | 0.5% | 8,002 | 0.4% |
| Asian | 38,260 | 2.1% | 41,531 | 2.3% |
| Other/2+ Races | 20,175 | 1.1% | 20,442 | 1.1% |
| Total | 1,651,660 | | 1,641,781 | |

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 | 127,738 | 6.0% | 112,516 | 12.9% | 9,951 | 8.3% | 5,895 | 11.0% | 1,695 | 10.3% | 5,671 | 7.1% | 7,211 | 17.8% | 270,677 |
| 5-9 | 128,389 | 6.1% | 99,243 | 11.4% | 10,900 | 9.1% | 4,972 | 9.3% | 2,141 | 13.0% | 5,484 | 6.9% | 6,337 | 15.6% | 257,466 |
| 10-14 | 135,709 | 6.4% | 84,482 | 9.7% | 11,663 | 9.7% | 5,220 | 9.7% | 2,077 | 12.6% | 5,067 | 6.4% | 5,045 | 12.4% | 249,263 |
| 15-19 | 123,848 | 5.9% | 72,359 | 8.3% | 10,158 | 8.4% | 4,634 | 8.6% | 1,740 | 10.6% | 4,506 | 5.6% | 3,808 | 9.4% | 221,053 |
| 20-24 | 125,013 | 5.9% | 89,938 | 10.4% | 9,095 | 7.6% | 5,296 | 9.9% | 1,561 | 9.5% | 5,643 | 7.1% | 3,150 | 7.8% | 239,696 |
| 25-34 | 289,575 | 13.7% | 174,944 | 20.1% | 19,698 | 16.4% | 10,261 | 19.1% | 2,800 | 17.0% | 18,286 | 22.9% | 5,216 | 12.8% | 520,780 |
| 35-44 | 328,960 | 15.6% | 114,570 | 13.2% | 20,028 | 16.6% | 7,961 | 14.8% | 2,268 | 13.8% | 14,273 | 17.9% | 3,922 | 9.7% | 491,982 |
| 45-54 | 299,803 | 14.2% | 63,842 | 7.3% | 14,187 | 11.8% | 4,891 | 9.1% | 1,193 | 7.2% | 10,007 | 12.5% | 2,769 | 6.8% | 396,692 |
| 55-64 | 223,155 | 10.6% | 31,220 | 3.6% | 7,469 | 6.2% | 2,571 | 4.8% | 593 | 3.6% | 5,708 | 7.2% | 1,606 | 4.0% | 272,322 |
| 65-74 | 168,953 | 8.0% | 16,421 | 1.9% | 4,481 | 3.7% | 1,197 | 2.2% | 294 | 1.8% | 3,464 | 4.3% | 931 | 2.3% | 195,741 |
| 75-84 | 121,214 | 5.7% | 7,361 | 0.8% | 2,087 | 1.7% | 575 | 1.1% | 93 | 0.6% | 1,341 | 1.7% | 468 | 1.2% | 133,139 |
| 85+ | 41,221 | 2.0% | 2,015 | 0.2% | 696 | 0.6% | 199 | 0.4% | 4 | 0.0% | 341 | 0.4% | 154 | 0.4% | 44,630 |
| Total | 2,113,578 | | 868,911 | | 120,413 | | 53,672 | | 16,459 | | 79,791 | | 40,617 | | 3,293,441 |

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 2002 Population Statistics

Table 1.02 Population by Race/Ethnicity, Age, and Gender, 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 | 62,228 | 5.8% | 54,879 | 13.4% | 4,851 | 8.2% | 2,922 | 10.5% | 874 | 10.9% | 2,842 | 6.8% | 3,488 | 17.1% | 132,084 |
| 5-9 | 62,547 | 5.8% | 48,523 | 11.8% | 5,424 | 9.2% | 2,437 | 8.7% | 1,043 | 13.0% | 2,739 | 6.6% | 3,143 | 15.4% | 125,856 |
| 10-14 | 65,960 | 6.1% | 41,240 | 10.0% | 5,650 | 9.6% | 2,607 | 9.3% | 1,076 | 13.4% | 2,433 | 5.9% | 2,448 | 12.0% | 121,414 |
| 15-19 | 60,267 | 5.6% | 34,178 | 8.3% | 4,865 | 8.3% | 2,316 | 8.3% | 883 | 11.0% | 2,220 | 5.3% | 1,942 | 9.5% | 106,671 |
| 20-24 | 61,844 | 5.8% | 39,086 | 9.5% | 4,442 | 7.5% | 2,811 | 10.1% | 738 | 9.2% | 2,639 | 6.4% | 1,607 | 7.9% | 113,167 |
| 25-29 | 65,367 | 6.1% | 42,026 | 10.2% | 4,461 | 7.6% | 2,837 | 10.2% | 642 | 8.0% | 4,388 | 10.6% | 1,408 | 6.9% | 121,129 |
| 30-34 | 75,784 | 7.1% | 36,235 | 8.8% | 4,800 | 8.1% | 2,480 | 8.9% | 639 | 8.0% | 4,826 | 11.6% | 1,269 | 6.2% | 126,033 |
| 35-39 | 77,886 | 7.2% | 29,387 | 7.2% | 4,809 | 8.2% | 2,170 | 7.8% | 537 | 6.7% | 3,974 | 9.6% | 1,056 | 5.2% | 119,819 |
| 40-44 | 84,732 | 7.9% | 23,542 | 5.7% | 4,712 | 8.0% | 2,002 | 7.2% | 492 | 6.1% | 3,511 | 8.5% | 941 | 4.6% | 119,932 |
| 45-49 | 78,834 | 7.3% | 17,744 | 4.3% | 3,833 | 6.5% | 1,569 | 5.6% | 331 | 4.1% | 3,066 | 7.4% | 790 | 3.9% | 106,167 |
| 50-54 | 74,361 | 6.9% | 13,187 | 3.2% | 3,069 | 5.2% | 1,188 | 4.3% | 231 | 2.9% | 2,658 | 6.4% | 640 | 3.1% | 95,334 |
| 55-59 | 64,289 | 6.0% | 9,402 | 2.3% | 2,063 | 3.5% | 834 | 3.0% | 170 | 2.1% | 1,865 | 4.5% | 508 | 2.5% | 79,131 |
| 60-64 | 52,193 | 4.9% | 6,545 | 1.6% | 1,713 | 2.9% | 603 | 2.2% | 130 | 1.6% | 1,384 | 3.3% | 342 | 1.7% | 62,910 |
| 65-69 | 45,571 | 4.2% | 5,156 | 1.3% | 1,411 | 2.4% | 408 | 1.5% | 99 | 1.2% | 1,134 | 2.7% | 259 | 1.3% | 54,038 |
| 70-74 | 44,212 | 4.1% | 3,824 | 0.9% | 1,020 | 1.7% | 274 | 1.0% | 51 | 0.6% | 856 | 2.1% | 226 | 1.1% | 50,463 |
| 75+ | 98,306 | 9.2% | 5,649 | 1.4% | 1,775 | 3.0% | 466 | 1.7% | 66 | 0.8% | 996 | 2.4% | 375 | 1.8% | 107,633 |
| Total | 1,074,381 | | 410,603 | | 58,898 | | 27,924 | | 8,002 | | 41,531 | | 20,442 | | 1,641,781 |
| Males | | | | | | | | | | | | | | | |
| 0-4 | 65,510 | 6.3% | 57,637 | 12.6% | 5,100 | 8.3% | 2,973 | 11.5% | 821 | 9.7% | 2,829 | 7.4% | 3,723 | 18.5% | 138,593 |
| 5-9 | 65,842 | 6.3% | 50,720 | 11.1% | 5,476 | 8.9% | 2,535 | 9.8% | 1,098 | 13.0% | 2,745 | 7.2% | 3,194 | 15.8% | 131,610 |
| 10-14 | 69,749 | 6.7% | 43,242 | 9.4% | 6,013 | 9.8% | 2,613 | 10.1% | 1,001 | 11.8% | 2,634 | 6.9% | 2,597 | 12.9% | 127,849 |
| 15-19 | 63,581 | 6.1% | 38,181 | 8.3% | 5,293 | 8.6% | 2,318 | 9.0% | 857 | 10.1% | 2,286 | 6.0% | 1,866 | 9.2% | 114,382 |
| 20-24 | 63,169 | 6.1% | 50,852 | 11.1% | 4,653 | 7.6% | 2,485 | 9.7% | 823 | 9.7% | 3,004 | 7.9% | 1,543 | 7.6% | 126,529 |
| 25-29 | 67,935 | 6.5% | 52,501 | 11.5% | 5,048 | 8.2% | 2,597 | 10.1% | 821 | 9.7% | 4,430 | 11.6% | 1,362 | 6.8% | 134,694 |
| 30-34 | 80,489 | 7.7% | 44,182 | 9.6% | 5,389 | 8.8% | 2,347 | 9.1% | 698 | 8.3% | 4,642 | 12.1% | 1,177 | 5.8% | 138,924 |
| 35-39 | 80,334 | 7.7% | 35,068 | 7.7% | 5,214 | 8.5% | 2,033 | 7.9% | 700 | 8.3% | 3,644 | 9.5% | 995 | 4.9% | 127,988 |
| 40-44 | 86,008 | 8.3% | 26,573 | 5.8% | 5,293 | 8.6% | 1,756 | 6.8% | 539 | 6.4% | 3,144 | 8.2% | 930 | 4.6% | 124,243 |
| 45-49 | 77,155 | 7.4% | 19,028 | 4.2% | 4,109 | 6.7% | 1,149 | 4.5% | 397 | 4.7% | 2,473 | 6.5% | 759 | 3.8% | 105,070 |
| 50-54 | 69,453 | 6.7% | 13,883 | 3.0% | 3,176 | 5.2% | 985 | 3.8% | 234 | 2.8% | 1,810 | 4.7% | 580 | 2.9% | 90,121 |
| 55-59 | 59,850 | 5.8% | 9,179 | 2.0% | 2,160 | 3.5% | 687 | 2.7% | 182 | 2.2% | 1,364 | 3.6% | 417 | 2.1% | 73,839 |
| 60-64 | 46,823 | 4.5% | 6,094 | 1.3% | 1,533 | 2.5% | 447 | 1.7% | 111 | 1.3% | 1,095 | 2.9% | 339 | 1.7% | 56,442 |
| 65-69 | 40,708 | 3.9% | 4,326 | 0.9% | 1,246 | 2.0% | 300 | 1.2% | 91 | 1.1% | 890 | 2.3% | 249 | 1.2% | 47,810 |
| 70-74 | 38,462 | 3.7% | 3,115 | 0.7% | 804 | 1.3% | 215 | 0.8% | 53 | 0.6% | 584 | 1.5% | 197 | 1.0% | 43,430 |
| 75+ | 64,129 | 6.2% | 3,727 | 0.8% | 1,008 | 1.6% | 308 | 1.2% | 31 | 0.4% | 686 | 1.8% | 247 | 1.2% | 70,136 |
| Total | 1,039,197 | | 458,308 | | 61,515 | | 25,748 | | 8,457 | | 38,260 | | 20,175 | | 1,651,660 |

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

II. Maricopa County 2002 Mortality (Death) Statistics

Maricopa County 2002 Mortality (Death) Statistics

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

| Age Group | Race/Ethnicity | | | | | | | Total |
|--------------|----------------|--------------|------------------|-------------------------------|---------------------------|------------|---------------|---------------|
| | White | Hispanic | African American | American Indian, Non-Hispanic | American Indian, Hispanic | Asian | Other/Unknown | |
| <1 | 157 | 161 | 24 | 6 | 5 | 8 | 0 | 361 |
| 1-4 | 31 | 41 | 5 | 1 | 2 | 1 | 0 | 81 |
| 5-9 | 12 | 17 | 1 | 0 | 0 | 1 | 0 | 31 |
| 10-14 | 19 | 20 | 4 | 3 | 0 | 0 | 0 | 46 |
| 15-19 | 82 | 86 | 11 | 9 | 2 | 1 | 0 | 191 |
| 20-24 | 118 | 119 | 18 | 13 | 5 | 1 | 0 | 274 |
| 25-34 | 265 | 198 | 29 | 20 | 3 | 5 | 2 | 522 |
| 35-44 | 630 | 218 | 61 | 35 | 6 | 9 | 3 | 962 |
| 45-54 | 1,243 | 256 | 80 | 51 | 1 | 14 | 3 | 1,648 |
| 55-64 | 1,910 | 282 | 99 | 43 | 4 | 21 | 3 | 2,362 |
| 65-74 | 3,299 | 319 | 126 | 38 | 4 | 36 | 4 | 3,826 |
| 75-84 | 6,276 | 407 | 144 | 36 | 0 | 55 | 4 | 6,922 |
| 85+ | 5,895 | 229 | 71 | 18 | 1 | 38 | 1 | 6,253 |
| Unknown | 6 | 1 | 0 | 0 | 0 | 0 | 5 | 12 |
| Total | 19,943 | 2,354 | 673 | 273 | 33 | 190 | 25 | 23,491 |

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

| Age Group | Race/Ethnicity | | | | | | | Total |
|--------------|----------------|--------------|------------------|-------------------------------|---------------------------|--------------|---------------|--------------|
| | White | Hispanic | African American | American Indian, Non-Hispanic | American Indian, Hispanic | Asian | Other/Unknown | |
| 0-4 | 147.2 | 179.5 | 291.4 | 118.7 | 413.0 | 158.7 | - | 163.3 |
| 5-9 | 9.3 | 17.1 | 9.2 | 0 | 0 | 18.2 | - | 12.0 |
| 10-14 | 14.0 | 23.7 | 34.3 | 57.5 | 0 | 0 | - | 18.5 |
| 15-19 | 66.2 | 118.9 | 108.3 | 194.2 | 114.9 | 22.2 | - | 86.4 |
| 20-24 | 94.4 | 132.3 | 197.9 | 245.5 | 320.3 | 17.7 | - | 114.3 |
| 25-34 | 91.5 | 113.2 | 147.2 | 194.9 | 107.1 | 27.3 | - | 100.2 |
| 35-44 | 191.5 | 190.3 | 304.6 | 439.6 | 264.6 | 63.1 | - | 195.5 |
| 45-54 | 414.6 | 401.0 | 563.9 | 1,042.7 | 83.8 | 139.9 | - | 415.4 |
| 55-64 | 855.9 | 903.3 | 1,325.5 | 1,672.5 | 674.5 | 367.9 | - | 867.4 |
| 65-74 | 1,952.6 | 1,942.6 | 2,811.9 | 3,174.6 | 1,360.5 | 1,039.3 | - | 1,954.6 |
| 75-84 | 5,177.6 | 5,529.1 | 6,899.9 | 6,260.9 | 0 | 4,101.4 | - | 5,199.1 |
| 85+ | 14,301.0 | 11,364.8 | 10,201.1 | 9,045.2 | 25,000.0 | 11,143.7 | - | 14,010.8 |
| Unknown | - | - | - | - | - | - | - | - |
| Total | 943.6 | 270.9 | 558.9 | 508.6 | 200.5 | 238.1 | - | 713.3 |

Maricopa County 2002 Mortality (Death) Statistics

Table 2.02a Number of Deaths by Age Group and Gender

| Age Group | Gender | | | Total |
|--------------|---------------|---------------|----------|---------------|
| | Male | Female | Unknown | |
| <1 | 218 | 143 | 0 | 361 |
| 1-4 | 41 | 40 | 0 | 81 |
| 5-9 | 17 | 14 | 0 | 31 |
| 10-14 | 25 | 21 | 0 | 46 |
| 15-19 | 147 | 44 | 0 | 191 |
| 20-24 | 217 | 57 | 0 | 274 |
| 25-34 | 398 | 124 | 0 | 522 |
| 35-44 | 624 | 338 | 0 | 962 |
| 45-54 | 1,065 | 583 | 0 | 1,648 |
| 55-64 | 1,387 | 975 | 0 | 2,362 |
| 65-74 | 2,179 | 1,646 | 1 | 3,826 |
| 75-84 | 3,449 | 3,472 | 1 | 6,922 |
| 85+ | 2,260 | 3,990 | 3 | 6,253 |
| Unknown | 8 | 4 | 0 | 12 |
| Total | 12,035 | 11,451 | 5 | 23,491 |

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

| Age Group | Gender | | | Total |
|--------------|--------------|--------------|----------|--------------|
| | Male | Female | Unknown | |
| 0-4 | 186.9 | 138.5 | - | 163.3 |
| 5-9 | 12.9 | 11.1 | - | 12.0 |
| 10-14 | 19.6 | 17.3 | - | 18.5 |
| 15-19 | 128.5 | 41.2 | - | 86.4 |
| 20-24 | 171.5 | 50.4 | - | 114.3 |
| 25-34 | 145.5 | 50.2 | - | 100.2 |
| 35-44 | 247.4 | 141.0 | - | 195.5 |
| 45-54 | 545.6 | 289.3 | - | 415.4 |
| 55-64 | 1,064.6 | 686.4 | - | 867.4 |
| 65-74 | 2,388.2 | 1,575.1 | - | 1,954.6 |
| 75-84 | 6,233.6 | 4,462.2 | - | 5,199.1 |
| 85+ | 15,263.1 | 13,378.9 | - | 14,010.8 |
| Unknown | - | - | - | - |
| Total | 728.7 | 697.5 | - | 713.3 |

Maricopa County 2002 Mortality (Death) Statistics

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

| Cause | | Race/Ethnicity | | | | | | | Total | |
|-------------------------------|--------------------------|----------------------------|-----------------------|------------------|-------------------------------|---------------------------|-------|---------------|--------|-------|
| | | White | Hispanic | African American | American Indian, Non-Hispanic | American Indian, Hispanic | Asian | Other/Unknown | | |
| Infectious Diseases | Tuberculosis | 8 | 1 | 0 | 0 | 0 | 2 | 0 | 11 | |
| | Syphilis | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | |
| | HIV | 61 | 29 | 14 | 6 | 0 | 0 | 0 | 110 | |
| Cancer | Stomach | 67 | 21 | 5 | 0 | 0 | 1 | 0 | 94 | |
| | Colon | 435 | 44 | 17 | 3 | 1 | 2 | 0 | 502 | |
| | Pancreas | 246 | 18 | 10 | 2 | 0 | 3 | 0 | 279 | |
| | Lung | 1,298 | 61 | 44 | 7 | 1 | 6 | 0 | 1,417 | |
| | Breast | 334 | 30 | 20 | 2 | 2 | 6 | 0 | 394 | |
| | Uterine & Ovarian | 191 | 24 | 5 | 3 | 0 | 3 | 0 | 226 | |
| | Prostate | 256 | 33 | 10 | 0 | 0 | 1 | 0 | 300 | |
| | Urinary | 206 | 17 | 4 | 3 | 0 | 2 | 0 | 232 | |
| | Lymphoma | 208 | 17 | 4 | 0 | 0 | 4 | 0 | 233 | |
| | Leukemia | 174 | 20 | 1 | 3 | 1 | 2 | 0 | 201 | |
| | Other | 1,024 | 110 | 34 | 3 | 0 | 16 | 1 | 1,188 | |
| | All Cancer | 4,439 | 395 | 154 | 26 | 5 | 46 | 1 | 5,066 | |
| | Diabetes and Alzheimer's | Diabetes | 520 | 106 | 30 | 26 | 3 | 6 | 0 | 691 |
| Alzheimer's | | 867 | 44 | 13 | 7 | 0 | 5 | 0 | 936 | |
| Major Cardiovascular Diseases | Heart Disease | Hypertensive Heart Disease | 264 | 28 | 12 | 1 | 1 | 1 | 0 | 307 |
| | | Ischemic Heart Disease | 4,266 | 322 | 101 | 28 | 2 | 30 | 3 | 4,752 |
| | | Other Heart Disease | 769 | 72 | 29 | 3 | 0 | 10 | 0 | 883 |
| | | All Heart Disease | 5,299 | 422 | 142 | 32 | 3 | 41 | 3 | 5,942 |
| | Other Cardiovascular | Primary Hypertension | 176 | 23 | 6 | 2 | 0 | 2 | 0 | 209 |
| | | Cerebrovascular | 1,213 | 100 | 44 | 10 | 0 | 18 | 0 | 1,385 |
| | | Atherosclerosis | 112 | 7 | 2 | 1 | 0 | 0 | 0 | 122 |
| | | Other Circulatory | 208 | 17 | 5 | 1 | 0 | 3 | 0 | 234 |
| | | All Other Cardiovascular | 1,709 | 147 | 57 | 14 | 0 | 23 | 0 | 1,950 |
| | | Other Respiratory Diseases | Influenza & Pneumonia | 620 | 53 | 22 | 9 | 0 | 4 | 0 |
| Chronic Lower Respiratory | 1,292 | 55 | 26 | 7 | 0 | 8 | 1 | 1,389 | | |
| GI & Urinary | Peptic Ulcer | 30 | 4 | 0 | 0 | 0 | 1 | 0 | 35 | |
| | Liver Disease | 237 | 75 | 7 | 23 | 3 | 3 | 2 | 350 | |
| | Nephritis | 224 | 33 | 10 | 1 | 0 | 1 | 0 | 269 | |
| Pregnancy & Early Life | Pregnancy | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | |
| | Perinatal Conditions | 85 | 85 | 10 | 3 | 3 | 7 | 0 | 193 | |
| | Congenital Malformations | 66 | 42 | 4 | 0 | 0 | 1 | 0 | 113 | |
| | SIDS | 10 | 4 | 4 | 1 | 1 | 0 | 0 | 20 | |
| Other Diseases | Symptoms, Signs | 138 | 14 | 3 | 1 | 1 | 1 | 1 | 159 | |
| | Other Diseases | 2,677 | 305 | 78 | 54 | 5 | 28 | 5 | 3,152 | |
| External Causes | Motor Vehicle Collisions | 299 | 160 | 18 | 20 | 2 | 4 | 1 | 504 | |
| | All Other Accidents | 639 | 119 | 28 | 18 | 1 | 3 | 2 | 810 | |
| | Suicide | 379 | 56 | 9 | 7 | 2 | 3 | 1 | 457 | |
| | Homicide | 86 | 166 | 28 | 12 | 3 | 1 | 2 | 298 | |
| | Other External Causes | 40 | 11 | 3 | 2 | 1 | 0 | 2 | 59 | |
| | All External Causes | 1,443 | 512 | 86 | 59 | 9 | 11 | 8 | 2,128 | |
| Unknown | | 218 | 23 | 13 | 4 | 0 | 2 | 4 | 264 | |
| Total | | 19,943 | 2,354 | 673 | 273 | 33 | 190 | 25 | 23,491 | |

Maricopa County 2002 Mortality (Death) Statistics

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

| Cause | | Race/Ethnicity | | | | | | Total | | |
|-------------------------------|--------------------------------|----------------------------|-----------------------|------------------|-------------------------------|---------------------------|-------|-------|---------------|-------|
| | | White | Hispanic | African American | American Indian, Non-Hispanic | American Indian, Hispanic | Asian | | Other/Unknown | |
| Infectious Diseases | Tuberculosis | 0.4 | 0.1 | 0 | 0 | 0 | 2.5 | - | 0.3 | |
| | Syphilis | 0 | 0.1 | 0 | 0 | 0 | 0 | - | 0.0 | |
| | HIV | 2.9 | 3.3 | 11.6 | 11.2 | 0 | 0 | - | 3.3 | |
| Cancer | Stomach | 3.2 | 2.4 | 4.2 | 0 | 0 | 1.3 | - | 2.9 | |
| | Colon | 20.6 | 5.1 | 14.1 | 5.6 | 6.1 | 2.5 | - | 15.2 | |
| | Pancreas | 11.6 | 2.1 | 8.3 | 3.7 | 0 | 3.8 | - | 8.5 | |
| | Lung | 61.4 | 7.0 | 36.5 | 13.0 | 6.1 | 7.5 | - | 43.0 | |
| | Breast | 15.8 | 3.5 | 16.6 | 3.7 | 12.2 | 7.5 | - | 12.0 | |
| | Uterine & Ovarian ¹ | 17.8 | 5.8 | 8.5 | 10.7 | 0 | 7.2 | - | 13.8 | |
| | Prostate ¹ | 24.6 | 7.2 | 16.3 | 0 | 0 | 2.6 | - | 18.2 | |
| | Urinary | 9.7 | 2.0 | 3.3 | 5.6 | 0 | 2.5 | - | 7.0 | |
| | Lymphoma | 9.8 | 2.0 | 3.3 | 0 | 0 | 5.0 | - | 7.1 | |
| | Leukemia | 8.2 | 2.3 | 0.8 | 5.6 | 6.1 | 2.5 | - | 6.1 | |
| | Other | 48.4 | 12.7 | 28.2 | 5.6 | 0 | 20.1 | - | 36.1 | |
| | All Cancer | 210.0 | 45.5 | 127.9 | 48.4 | 30.4 | 57.7 | - | 153.8 | |
| | Diabetes and Alzheimer's | Diabetes | 24.6 | 12.2 | 24.9 | 48.4 | 18.2 | 7.5 | - | 21.0 |
| Alzheimer's | | 41.0 | 5.1 | 10.8 | 13.0 | 0 | 6.3 | - | 28.4 | |
| Major Cardiovascular Diseases | Heart Disease | Hypertensive Heart Disease | 12.5 | 3.2 | 10.0 | 1.9 | 6.1 | 1.3 | - | 9.3 |
| | | Ischemic Heart Disease | 201.8 | 37.1 | 83.9 | 52.2 | 12.2 | 37.6 | - | 144.3 |
| | | Other Heart Disease | 36.4 | 8.3 | 24.1 | 5.6 | 0 | 12.5 | - | 26.8 |
| | | All Heart Disease | 250.7 | 48.6 | 117.9 | 59.6 | 18.2 | 51.4 | - | 180.4 |
| | Other Cardiovascular | Primary Hypertension | 8.3 | 2.6 | 5.0 | 3.7 | 0 | 2.5 | - | 6.3 |
| | | Cerebrovascular | 57.4 | 11.5 | 36.5 | 18.6 | 0 | 22.6 | - | 42.1 |
| | | Atherosclerosis | 5.3 | 0.8 | 1.7 | 1.9 | 0 | 0 | - | 3.7 |
| | | Other Circulatory | 9.8 | 2.0 | 4.2 | 1.9 | 0 | 3.8 | - | 7.1 |
| | | All Other Cardiovascular | 80.9 | 16.9 | 47.3 | 26.1 | 0 | 28.8 | - | 59.2 |
| | | Other Respiratory Diseases | Influenza & Pneumonia | 29.3 | 6.1 | 18.3 | 16.8 | 0 | 5.0 | - |
| Chronic Lower Respiratory | 61.1 | 6.3 | 21.6 | 13.0 | 0 | 10.0 | - | 42.2 | | |
| GI & Urinary | Peptic Ulcer | 1.4 | 0.5 | 0 | 0 | 0 | 1.3 | - | 1.1 | |
| | Liver Disease | 11.2 | 8.6 | 5.8 | 42.9 | 18.2 | 3.8 | - | 10.6 | |
| | Nephritis | 10.6 | 3.8 | 8.3 | 1.9 | 0 | 1.3 | - | 8.2 | |
| Pregnancy & Early Life | Pregnancy | 0 | 0.5 | 0 | 0 | 0 | 0 | - | 0.1 | |
| | Perinatal Conditions | 4.0 | 9.8 | 8.3 | 5.6 | 18.2 | 8.8 | - | 5.9 | |
| | Congenital Malformations | 3.1 | 4.8 | 3.3 | 0 | 0 | 1.3 | - | 3.4 | |
| | SIDS | 0.5 | 0.5 | 3.3 | 1.9 | 6.1 | 0 | - | 0.6 | |
| Other Diseases | Symptoms, Signs | 6.5 | 1.6 | 2.5 | 1.9 | 6.1 | 1.3 | - | 4.8 | |
| | Other Diseases | 126.7 | 35.1 | 64.8 | 100.6 | 30.4 | 35.1 | - | 95.7 | |
| External Causes | Motor Vehicle Collisions | 14.1 | 18.4 | 14.9 | 37.3 | 12.2 | 5.0 | - | 15.3 | |
| | All Other Accidents | 30.2 | 13.7 | 23.3 | 33.5 | 6.1 | 3.8 | - | 24.6 | |
| | Suicide | 17.9 | 6.4 | 7.5 | 13.0 | 12.2 | 3.8 | - | 13.9 | |
| | Homicide | 4.1 | 19.1 | 23.3 | 22.4 | 18.2 | 1.3 | - | 9.0 | |
| | Other External Causes | 1.9 | 1.3 | 2.5 | 3.7 | 6.1 | 0 | - | 1.8 | |
| | All External Causes | 68.3 | 58.9 | 71.4 | 109.9 | 54.7 | 13.8 | - | 64.6 | |
| Unknown | | 10.3 | 2.6 | 10.8 | 7.5 | 0 | 2.5 | - | 8.0 | |
| Total | | 943.6 | 270.9 | 558.9 | 508.6 | 200.5 | 238.1 | - | 713.3 | |

¹ Uterine & ovarian cancer rates are per 100,000 females; prostate cancer rates are per 100,000 males.

Maricopa County 2002 Mortality (Death) Statistics

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

| Cause | | Age Group | | | | | | | | | | | | | Total | | |
|-------------------------------|---------------------------------|--------------------------|----------------------|----------|----------|-----------|-----------|-----------|------------|------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | <1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85+ | | Unk. | |
| Infectious Diseases | Tuberculosis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 2 | 4 | 2 | 0 | 11 | |
| | Syphilis | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| | HIV | 0 | 0 | 0 | 0 | 0 | 2 | 9 | 48 | 41 | 8 | 1 | 1 | 0 | 0 | 110 | |
| Cancer | Stomach | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 7 | 8 | 15 | 21 | 28 | 13 | 0 | 94 | |
| | Colon | 0 | 0 | 0 | 0 | 1 | 1 | 4 | 22 | 31 | 96 | 103 | 150 | 94 | 0 | 502 | |
| | Pancreas | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 22 | 44 | 72 | 100 | 37 | 0 | 279 | |
| | Lung | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 26 | 87 | 283 | 458 | 436 | 126 | 0 | 1,417 | |
| | Breast | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 30 | 64 | 83 | 75 | 90 | 48 | 0 | 394 | |
| | Uterine & Ovarian | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 9 | 23 | 50 | 52 | 63 | 23 | 0 | 226 | |
| | Prostate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 9 | 64 | 137 | 86 | 0 | 300 | |
| | Urinary | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 16 | 42 | 47 | 81 | 42 | 0 | 232 | |
| | Lymphoma | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 7 | 24 | 25 | 54 | 88 | 32 | 0 | 233 | |
| | Leukemia | 0 | 0 | 4 | 3 | 4 | 2 | 1 | 7 | 16 | 26 | 45 | 55 | 38 | 0 | 201 | |
| | Other | 1 | 3 | 2 | 3 | 7 | 7 | 17 | 36 | 134 | 216 | 290 | 323 | 149 | 0 | 1,188 | |
| | All Cancer | 1 | 3 | 6 | 6 | 12 | 12 | 37 | 151 | 429 | 889 | 1,281 | 1,551 | 688 | 0 | 5,066 | |
| | Diabetes and Alzheimer's | Diabetes | 0 | 0 | 0 | 1 | 3 | 0 | 4 | 30 | 53 | 100 | 170 | 211 | 119 | 0 | 691 |
| Alzheimer's | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 45 | 295 | 591 | 0 | 936 | |
| Major Cardiovascular Diseases | Heart Disease | Hypertensive Heart Dis. | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 8 | 28 | 34 | 47 | 88 | 97 | 0 | 307 |
| | | Ischemic Heart Disease | 0 | 0 | 0 | 0 | 0 | 2 | 8 | 51 | 227 | 440 | 756 | 1,550 | 1,717 | 1 | 4,752 |
| | | Other Heart Disease | 9 | 0 | 1 | 2 | 4 | 2 | 12 | 43 | 73 | 65 | 126 | 266 | 280 | 0 | 883 |
| | | All Heart Disease | 9 | 0 | 1 | 2 | 4 | 5 | 24 | 102 | 328 | 539 | 929 | 1,904 | 2,094 | 1 | 5,942 |
| | | Other Cardiovascular | Primary Hypertension | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 3 | 1 | 7 | 20 | 88 | 87 | 0 |
| | Cerebrovascular | | 0 | 2 | 0 | 0 | 0 | 0 | 5 | 18 | 50 | 71 | 173 | 516 | 550 | 0 | 1,385 |
| | Atherosclerosis | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 20 | 40 | 59 | 0 | 122 |
| | Other Circulatory | | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 5 | 9 | 19 | 44 | 88 | 67 | 0 | 234 |
| | All Other Cardiovascular | | 0 | 2 | 1 | 0 | 0 | 2 | 7 | 26 | 61 | 99 | 257 | 732 | 763 | 0 | 1,950 |

(Continued)

Maricopa County 2002 Mortality (Death) Statistics

| Cause | | Age Group | | | | | | | | | | | | | Total | |
|----------------------------|---------------------------|-----------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | | <1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85+ | | Unk. |
| Other Respiratory Diseases | Influenza & Pneumonia | 16 | 4 | 0 | 1 | 3 | 0 | 9 | 17 | 30 | 32 | 70 | 226 | 300 | 0 | 708 |
| | Chronic Lower Respiratory | 1 | 0 | 0 | 2 | 0 | 1 | 4 | 11 | 33 | 116 | 310 | 568 | 343 | 0 | 1,389 |
| GI & Urinary | Peptic Ulcer | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 5 | 9 | 12 | 7 | 0 | 35 |
| | Liver Disease | 0 | 0 | 0 | 0 | 0 | 1 | 7 | 53 | 87 | 69 | 76 | 47 | 10 | 0 | 350 |
| | Nephritis | 2 | 0 | 0 | 0 | 0 | 2 | 2 | 6 | 16 | 26 | 49 | 85 | 81 | 0 | 269 |
| Pregnancy & Early Life | Pregnancy | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | Perinatal Conditions | 185 | 2 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 193 |
| | Congenital Malformations | 63 | 6 | 2 | 1 | 5 | 4 | 9 | 2 | 4 | 5 | 6 | 4 | 2 | 0 | 113 |
| | SIDS | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| Other Diseases | Symptoms, Signs | 5 | 3 | 0 | 0 | 1 | 1 | 3 | 5 | 12 | 10 | 11 | 31 | 76 | 1 | 159 |
| | Other Diseases | 40 | 19 | 9 | 8 | 16 | 17 | 48 | 146 | 236 | 268 | 425 | 954 | 966 | 0 | 3,152 |
| External Causes | Motor Vehicle Collisions | 2 | 7 | 4 | 13 | 58 | 70 | 82 | 79 | 67 | 43 | 31 | 36 | 12 | 0 | 504 |
| | All Other Accidents | 9 | 21 | 5 | 0 | 16 | 29 | 76 | 130 | 114 | 50 | 69 | 157 | 134 | 0 | 810 |
| | Suicide | 0 | 0 | 0 | 7 | 23 | 48 | 88 | 81 | 84 | 54 | 28 | 33 | 11 | 0 | 457 |
| | Homicide | 0 | 10 | 0 | 2 | 39 | 62 | 90 | 50 | 21 | 12 | 4 | 3 | 0 | 5 | 298 |
| | Other External Causes | 1 | 0 | 0 | 2 | 7 | 4 | 11 | 13 | 8 | 4 | 3 | 2 | 1 | 3 | 59 |
| | All External Causes | 12 | 38 | 9 | 24 | 143 | 213 | 347 | 353 | 294 | 163 | 135 | 231 | 158 | 8 | 2,128 |
| Unknown | | 6 | 4 | 2 | 0 | 4 | 12 | 9 | 9 | 22 | 27 | 49 | 65 | 53 | 2 | 264 |
| Total | | 361 | 81 | 31 | 46 | 191 | 274 | 522 | 962 | 1,648 | 2,362 | 3,826 | 6,922 | 6,253 | 12 | 23,491 |

Maricopa County 2002 Mortality (Death) Statistics

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

| Cause | | Age Group | | | | | | | | | | | | | Total | |
|-------------------------------|---------------------------------|--------------------------|----------------------|------------|------------|------------|------------|-------------|--------------|--------------|--------------|----------------|----------------|----------------|--------------|--------------|
| | | 0-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85+ | Unk. | | |
| Infectious Diseases | Tuberculosis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.5 | 0.4 | 1.0 | 3.0 | 4.5 | - | 0.3 | |
| | Syphilis | 0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0.0 | |
| | HIV | 0 | 0 | 0 | 0 | 0.8 | 1.7 | 9.8 | 10.3 | 2.9 | 0.5 | 0.8 | 0 | - | 3.3 | |
| Cancer | Stomach | 0 | 0 | 0 | 0 | 0 | 0.4 | 1.4 | 2.0 | 5.5 | 10.7 | 21.0 | 29.1 | - | 2.9 | |
| | Colon | 0 | 0 | 0 | 0.5 | 0.4 | 0.8 | 4.5 | 7.8 | 35.3 | 52.6 | 112.7 | 210.6 | - | 15.2 | |
| | Pancreas | 0 | 0 | 0 | 0 | 0 | 0.2 | 0.6 | 5.5 | 16.2 | 36.8 | 75.1 | 82.9 | - | 8.5 | |
| | Lung | 0 | 0 | 0 | 0 | 0 | 0.2 | 5.3 | 21.9 | 103.9 | 234.0 | 327.5 | 282.3 | - | 43.0 | |
| | Breast | 0 | 0 | 0 | 0 | 0 | 0.8 | 6.1 | 16.1 | 30.5 | 38.3 | 67.6 | 107.6 | - | 12.0 | |
| | Uterine & Ovarian ¹ | 0 | 0 | 0 | 0 | 1.8 | 1.6 | 3.8 | 11.4 | 35.2 | 49.8 | 81.0 | 77.1 | - | 13.8 | |
| | Prostate ¹ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 6.9 | 70.1 | 247.6 | 580.8 | - | 18.2 | |
| | Urinary | 0 | 0 | 0 | 0 | 0 | 0 | 0.8 | 4.0 | 15.4 | 24.0 | 60.8 | 94.1 | - | 7.0 | |
| | Lymphoma | 0 | 0 | 0 | 0 | 0 | 0.6 | 1.4 | 6.1 | 9.2 | 27.6 | 66.1 | 71.7 | - | 7.1 | |
| | Leukemia | 0 | 1.6 | 1.2 | 1.8 | 0.8 | 0.2 | 1.4 | 4.0 | 9.5 | 23.0 | 41.3 | 85.1 | - | 6.1 | |
| | Other | 1.5 | 0.8 | 1.2 | 3.2 | 2.9 | 3.3 | 7.3 | 33.8 | 79.3 | 148.2 | 242.6 | 333.9 | - | 36.1 | |
| | All Cancer | 1.5 | 2.3 | 2.4 | 5.4 | 5.0 | 7.1 | 30.7 | 108.1 | 326.5 | 654.4 | 1,164.9 | 1,541.6 | - | 153.8 | |
| | Diabetes and Alzheimer's | Diabetes | 0 | 0 | 0.4 | 1.4 | 0 | 0.8 | 6.1 | 13.4 | 36.7 | 86.8 | 158.5 | 266.6 | - | 21.0 |
| Alzheimer's | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.8 | 23.0 | 221.6 | 1,324.2 | - | 28.4 | |
| Major Cardiovascular Diseases | Heart Disease | Hypertensive Heart Dis. | 0 | 0 | 0 | 0 | 0.4 | 0.8 | 1.6 | 7.1 | 12.5 | 24.0 | 66.1 | 217.3 | - | 9.3 |
| | | Ischemic Heart Disease | 0 | 0 | 0 | 0 | 0.8 | 1.5 | 10.4 | 57.2 | 161.6 | 386.2 | 1,164.2 | 3,847.2 | - | 144.3 |
| | | Other Heart Disease | 3.3 | 0.4 | 0.8 | 1.8 | 0.8 | 2.3 | 8.7 | 18.4 | 23.9 | 64.4 | 199.8 | 627.4 | - | 26.8 |
| | | All Heart Disease | 3.3 | 0.4 | 0.8 | 1.8 | 2.1 | 4.6 | 20.7 | 82.7 | 197.9 | 474.6 | 1,430.1 | 4,691.9 | - | 180.4 |
| | | Other Cardiovascular | Primary Hypertension | 0 | 0.4 | 0 | 0 | 0.4 | 0.2 | 0.6 | 0.3 | 2.6 | 10.2 | 66.1 | 194.9 | - |
| | Cerebrovascular | | 0.7 | 0 | 0 | 0 | 0 | 1.0 | 3.7 | 12.6 | 26.1 | 88.4 | 387.6 | 1,232.4 | - | 42.1 |
| | Atherosclerosis | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.3 | 0.7 | 10.2 | 30.0 | 132.2 | - | 3.7 |
| | Other Circulatory | | 0 | 0 | 0 | 0 | 0.4 | 0.2 | 1.0 | 2.3 | 7.0 | 22.5 | 66.1 | 150.1 | - | 7.1 |
| | All Other Cardiovascular | 0.7 | 0.4 | 0 | 0 | 0.8 | 1.3 | 5.3 | 15.4 | 36.4 | 131.3 | 549.8 | 1,709.6 | - | 59.2 | |

(Continued)

Maricopa County 2002 Mortality (Death) Statistics

| Cause | | Age Group | | | | | | | | | | | | Total | |
|----------------------------|---------------------------|-----------|------|-------|-------|-------|-------|-------|-------|-------|---------|---------|----------|-------|-------|
| | | 0-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85+ | | Unk. |
| Other Respiratory Diseases | Influenza & Pneumonia | 7.4 | 0 | 0.4 | 1.4 | 0 | 1.7 | 3.5 | 7.6 | 11.8 | 35.8 | 169.7 | 672.2 | - | 21.5 |
| | Chronic Lower Respiratory | 0.4 | 0 | 0.8 | 0 | 0.4 | 0.8 | 2.2 | 8.3 | 42.6 | 158.4 | 426.6 | 768.5 | - | 42.2 |
| GI & Urinary | Peptic Ulcer | 0 | 0 | 0 | 0 | 0 | 0 | 0.4 | 0 | 1.8 | 4.6 | 9.0 | 15.7 | - | 1.1 |
| | Liver Disease | 0 | 0 | 0 | 0 | 0.4 | 1.3 | 10.8 | 21.9 | 25.3 | 38.8 | 35.3 | 22.4 | - | 10.6 |
| | Nephritis | 0.7 | 0 | 0 | 0 | 0.8 | 0.4 | 1.2 | 4.0 | 9.5 | 25.0 | 63.8 | 181.5 | - | 8.2 |
| Pregnancy & Early Life | Pregnancy | 0 | 0 | 0 | 0 | 0.4 | 0.4 | 0.2 | 0 | 0 | 0 | 0 | 0 | - | 0.1 |
| | Perinatal Conditions | 69.1 | 0.4 | 0.4 | 0 | 0.4 | 0.2 | 0 | 0 | 0 | 0.5 | 0.8 | 0 | - | 5.9 |
| | Congenital Malformations | 25.5 | 0.8 | 0.4 | 2.3 | 1.7 | 1.7 | 0.4 | 1.0 | 1.8 | 3.1 | 3.0 | 4.5 | - | 3.4 |
| | SIDS | 7.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0.6 |
| Other Diseases | Symptoms, Signs | 3.0 | 0 | 0 | 0.5 | 0.4 | 0.6 | 1.0 | 3.0 | 3.7 | 5.6 | 23.3 | 170.3 | - | 4.8 |
| | Other Diseases | 21.8 | 3.5 | 3.2 | 7.2 | 7.1 | 9.2 | 29.7 | 59.5 | 98.4 | 217.1 | 716.5 | 2,164.5 | - | 95.7 |
| External Causes | Motor Vehicle Collisions | 3.3 | 1.6 | 5.2 | 26.2 | 29.2 | 15.7 | 16.1 | 16.9 | 15.8 | 15.8 | 27.0 | 26.9 | - | 15.3 |
| | All Other Accidents | 11.1 | 1.9 | 0 | 7.2 | 12.1 | 14.6 | 26.4 | 28.7 | 18.4 | 35.3 | 117.9 | 300.2 | - | 24.6 |
| | Suicide | 0 | 0 | 2.8 | 10.4 | 20.0 | 16.9 | 16.5 | 21.2 | 19.8 | 14.3 | 24.8 | 24.6 | - | 13.9 |
| | Homicide | 3.7 | 0 | 0.8 | 17.6 | 25.9 | 17.3 | 10.2 | 5.3 | 4.4 | 2.0 | 2.3 | 0 | - | 9.0 |
| | Other External Causes | 0.4 | 0 | 0.8 | 3.2 | 1.7 | 2.1 | 2.6 | 2.0 | 1.5 | 1.5 | 1.5 | 2.2 | - | 1.8 |
| | All External Causes | 18.5 | 3.5 | 9.6 | 64.7 | 88.9 | 66.6 | 71.8 | 74.1 | 59.9 | 69.0 | 173.5 | 354.0 | - | 64.6 |
| Unknown | | 3.7 | 0.8 | 0 | 1.8 | 5.0 | 1.7 | 1.8 | 5.5 | 9.9 | 25.0 | 48.8 | 118.8 | - | 8.0 |
| Total | | 163.3 | 12.0 | 18.5 | 86.4 | 114.3 | 100.2 | 195.5 | 415.4 | 867.4 | 1,954.6 | 5,199.1 | 14,010.8 | - | 713.3 |

¹ Uterine & ovarian cancer rates are per 100,000 females; prostate cancer rates are per 100,000 males.

Maricopa County 2002 Mortality (Death) Statistics

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

| Cause | | Gender | | | Total | |
|-------------------------------|----------------------------|---------------------------------|-----------------------|--------------|---------------|--------------|
| | | Male | Female | Unk. | | |
| Infectious Diseases | Tuberculosis | 7 | 4 | 0 | 11 | |
| | Syphilis | 1 | 0 | 0 | 1 | |
| | HIV | 98 | 12 | 0 | 110 | |
| Cancer | Stomach | 66 | 28 | 0 | 94 | |
| | Colon | 275 | 227 | 0 | 502 | |
| | Pancreas | 135 | 144 | 0 | 279 | |
| | Lung | 781 | 635 | 1 | 1,417 | |
| | Breast | 5 | 389 | 0 | 394 | |
| | Uterine & Ovarian | 0 | 226 | 0 | 226 | |
| | Prostate | 300 | 0 | 0 | 300 | |
| | Urinary | 157 | 75 | 0 | 232 | |
| | Lymphoma | 112 | 120 | 1 | 233 | |
| | Leukemia | 115 | 86 | 0 | 201 | |
| | Other | 755 | 433 | 0 | 1,188 | |
| | All Cancer | 2,701 | 2,363 | 2 | 5,066 | |
| | Diabetes and Alzheimer's | Diabetes | 344 | 347 | 0 | 691 |
| | | Alzheimer's | 301 | 635 | 0 | 936 |
| Major Cardiovascular Diseases | Heart Disease | Hypertensive Heart Disease | 139 | 168 | 0 | 307 |
| | | Ischemic Heart Disease | 2,527 | 2,223 | 2 | 4,752 |
| | | Other Heart Disease | 410 | 473 | 0 | 883 |
| | | All Heart Disease | 3,076 | 2,864 | 2 | 5,942 |
| | Other Cardiovascular | Primary Hypertension | 94 | 115 | 0 | 209 |
| | | Cerebrovascular | 549 | 836 | 0 | 1,385 |
| | | Atherosclerosis | 47 | 75 | 0 | 122 |
| | | Other Circulatory | 130 | 104 | 0 | 234 |
| | | All Other Cardiovascular | 820 | 1,130 | 0 | 1,950 |
| | | Other Respiratory Diseases | Influenza & Pneumonia | 307 | 401 | 0 |
| | Chronic Lower Respiratory | 662 | 726 | 1 | 1,389 | |
| GI & Urinary | Peptic Ulcer | 20 | 15 | 0 | 35 | |
| | Liver Disease | 206 | 144 | 0 | 350 | |
| | Nephritis | 120 | 149 | 0 | 269 | |
| Pregnancy & Early Life | Pregnancy | 0 | 4 | 0 | 4 | |
| | Perinatal Conditions | 120 | 73 | 0 | 193 | |
| | Congenital Malformations | 67 | 46 | 0 | 113 | |
| | SIDS | 14 | 6 | 0 | 20 | |
| Other Diseases | Symptoms, Signs | 67 | 92 | 0 | 159 | |
| | Other Diseases | 1,447 | 1,705 | 0 | 3,152 | |
| External Causes | Motor Vehicle Collisions | 344 | 160 | 0 | 504 | |
| | All Other Accidents | 499 | 311 | 0 | 810 | |
| | Suicide | 371 | 86 | 0 | 457 | |
| | Homicide | 254 | 44 | 0 | 298 | |
| | Other External Causes | 36 | 23 | 0 | 59 | |
| | All External Causes | 1,504 | 624 | 0 | 2,128 | |
| Unknown | | 153 | 111 | 0 | 264 | |
| Total | | 12,035 | 11,451 | 5 | 23,491 | |

Maricopa County 2002 Mortality (Death) Statistics

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

| Cause | | Gender | | | Total | |
|-------------------------------|--------------------------------|---------------------------------|-----------------------|--------------|--------------|--------------|
| | | Male | Female | Unk. | | |
| Infectious Diseases | Tuberculosis | 0.4 | 0.2 | - | 0.3 | |
| | Syphilis | 0.1 | 0 | - | 0.0 | |
| | HIV | 5.9 | 0.7 | - | 3.3 | |
| Cancer | Stomach | 4.0 | 1.7 | - | 2.9 | |
| | Colon | 16.6 | 13.8 | - | 15.2 | |
| | Pancreas | 8.2 | 8.8 | - | 8.5 | |
| | Lung | 47.3 | 38.7 | - | 43.0 | |
| | Breast | 0.3 | 23.7 | - | 12.0 | |
| | Uterine & Ovarian ¹ | - | 13.8 | - | 13.8 | |
| | Prostate ¹ | 18.2 | - | - | 18.2 | |
| | Urinary | 9.5 | 4.6 | - | 7.0 | |
| | Lymphoma | 6.8 | 7.3 | - | 7.1 | |
| | Leukemia | 7.0 | 5.2 | - | 6.1 | |
| | Other | 45.7 | 26.4 | - | 36.1 | |
| | All Cancer | 163.5 | 143.9 | - | 153.8 | |
| | Diabetes and Alzheimer's | Diabetes | 20.8 | 21.1 | - | 21.0 |
| | | Alzheimer's | 18.2 | 38.7 | - | 28.4 |
| Major Cardiovascular Diseases | Heart Disease | Hypertensive Heart Disease | 8.4 | 10.2 | - | 9.3 |
| | | Ischemic Heart Disease | 153.0 | 135.4 | - | 144.3 |
| | | Other Heart Disease | 24.8 | 28.8 | - | 26.8 |
| | | All Heart Disease | 186.2 | 174.4 | - | 180.4 |
| | Other Cardiovascular | Primary Hypertension | 5.7 | 7.0 | - | 6.3 |
| | | Cerebrovascular | 33.2 | 50.9 | - | 42.1 |
| | | Atherosclerosis | 2.8 | 4.6 | - | 3.7 |
| | | Other Circulatory | 7.9 | 6.3 | - | 7.1 |
| | | All Other Cardiovascular | 49.6 | 68.8 | - | 59.2 |
| | | Other Respiratory Diseases | Influenza & Pneumonia | 18.6 | 24.4 | - |
| | Chronic Lower Respiratory | 40.1 | 44.2 | - | 42.2 | |
| GI & Urinary | Peptic Ulcer | 1.2 | 0.9 | - | 1.1 | |
| | Liver Disease | 12.5 | 8.8 | - | 10.6 | |
| | Nephritis | 7.3 | 9.1 | - | 8.2 | |
| Pregnancy & Early Life | Pregnancy | 0 | 0.2 | - | 0.1 | |
| | Perinatal Conditions | 7.3 | 4.4 | - | 5.9 | |
| | Congenital Malformations | 4.1 | 2.8 | - | 3.4 | |
| | SIDS | 0.8 | 0.4 | - | 0.6 | |
| Other Diseases | Symptoms, Signs | 4.1 | 5.6 | - | 4.8 | |
| | Other Diseases | 87.6 | 103.9 | - | 95.7 | |
| External Causes | Motor Vehicle Collisions | 20.8 | 9.7 | - | 15.3 | |
| | All Other Accidents | 30.2 | 18.9 | - | 24.6 | |
| | Suicide | 22.5 | 5.2 | - | 13.9 | |
| | Homicide | 15.4 | 2.7 | - | 9.0 | |
| | Other External Causes | 2.2 | 1.4 | - | 1.8 | |
| | All External Causes | 91.1 | 38.0 | - | 64.6 | |
| | Unknown | | 9.3 | 6.8 | - | 8.0 |
| Total | | 728.7 | 697.5 | - | 713.3 | |

¹ Uterine & ovarian cancer rates are per 100,000 females; prostate cancer rates are per 100,000 males.

Maricopa County 2002 Mortality (Death) Statistics

**Table 2.06a Firearm, Drug, and Alcohol Induced Deaths by Age Group
Number of Cases**

| Age Group | Firearm Induced | Drug Induced | Alcohol Induced |
|--------------|-----------------|--------------|-----------------|
| 0-9 | 3 | 2 | 0 |
| 10-14 | 3 | 1 | 0 |
| 15-19 | 58 | 9 | 0 |
| 20-24 | 99 | 18 | 1 |
| 25-34 | 134 | 69 | 9 |
| 35-44 | 96 | 120 | 51 |
| 45-54 | 61 | 91 | 94 |
| 55-64 | 36 | 27 | 58 |
| 65-74 | 27 | 7 | 31 |
| 75-84 | 29 | 5 | 18 |
| 85+ | 9 | 2 | 1 |
| Unknown | 3 | 3 | 0 |
| Total | 558 | 354 | 263 |

**Table 2.06b Firearm, Drug, and Alcohol Induced Deaths by Age Group
Crude Death Rate per 100,000 Residents**

| Age Group | Firearm Induced | Drug Induced | Alcohol Induced |
|--------------|-----------------|--------------|-----------------|
| 0-9 | 0.6 | 0.4 | 0 |
| 10-14 | 1.2 | 0.4 | 0 |
| 15-19 | 26.2 | 4.1 | 0 |
| 20-24 | 41.3 | 7.5 | 0.4 |
| 25-34 | 25.7 | 13.2 | 1.7 |
| 35-44 | 19.5 | 24.4 | 10.4 |
| 45-54 | 15.4 | 22.9 | 23.7 |
| 55-64 | 13.2 | 9.9 | 21.3 |
| 65-74 | 13.8 | 3.6 | 15.8 |
| 75-84 | 21.8 | 3.8 | 13.5 |
| 85+ | 20.2 | 4.5 | 2.2 |
| Unknown | - | - | - |
| Total | 16.9 | 10.7 | 8.0 |

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

Maricopa County 2002 Mortality (Death) Statistics

**Table 2.07a Firearm, Drug, and Alcohol Induced Deaths by Race/Ethnicity
Number of Cases**

| Race/Ethnicity | Firearm Induced | Drug Induced | Alcohol Induced |
|-------------------------------|-----------------|--------------|-----------------|
| White | 324 | 260 | 182 |
| Hispanic | 186 | 59 | 45 |
| African American | 29 | 23 | 10 |
| American Indian, Non-Hispanic | 12 | 7 | 21 |
| American Indian, Hispanic | 5 | 2 | 2 |
| Asian | 2 | 0 | 1 |
| Other/Unknown | 0 | 3 | 2 |
| Total | 558 | 354 | 263 |

**Table 2.07b Firearm, Drug, and Alcohol Induced Deaths by Race/Ethnicity
Crude Death Rate per 100,000 Residents**

| Race/Ethnicity | Firearm Induced | Drug Induced | Alcohol Induced |
|-------------------------------|-----------------|--------------|-----------------|
| White | 15.3 | 12.3 | 8.6 |
| Hispanic | 21.4 | 6.8 | 5.2 |
| African American | 24.1 | 19.1 | 8.3 |
| American Indian, Non-Hispanic | 22.4 | 13.0 | 39.1 |
| American Indian, Hispanic | 30.4 | 12.2 | 12.2 |
| Asian | 2.5 | 0 | 1.3 |
| Other/Unknown | - | - | - |
| Total | 16.9 | 10.7 | 8.0 |

**Table 2.08a Firearm, Drug, and Alcohol Induced Deaths by Gender
Number of Cases**

| Gender | Firearm Induced | Drug Induced | Alcohol Induced |
|--------------|-----------------|--------------|-----------------|
| Male | 490 | 234 | 207 |
| Female | 68 | 120 | 56 |
| Total | 558 | 354 | 263 |

**Table 2.08b Firearm, Drug, and Alcohol Induced Deaths by Gender
Crude Death Rate per 100,000 Residents**

| Gender | Firearm Induced | Drug Induced | Alcohol Induced |
|--------------|-----------------|--------------|-----------------|
| Male | 29.7 | 14.2 | 12.5 |
| Female | 4.1 | 7.3 | 3.4 |
| Total | 16.9 | 10.7 | 8.0 |

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

Maricopa County 2002 Mortality (Death) Statistics

Table 2.09 Number and Percent of Deaths by Race/Ethnicity and Marital Status

| Marital Status | Race/Ethnicity | | | | | | | | | | | | | | Total | |
|----------------|----------------|------|----------|------|------------------|------|-------------------------------|------|---------------------------|------|-------|------|---------------|------|--------|------|
| | White | | Hispanic | | African American | | American Indian, Non-Hispanic | | American Indian, Hispanic | | Asian | | Other/Unknown | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| Never Married | 1,524 | 7.6 | 735 | 31.2 | 152 | 22.6 | 99 | 36.3 | 17 | 51.5 | 24 | 12.6 | 2 | 8.0 | 2,553 | 10.9 |
| Married | 8,411 | 42.2 | 879 | 37.3 | 205 | 30.5 | 71 | 26.0 | 12 | 36.4 | 93 | 48.9 | 5 | 20.0 | 9,676 | 41.2 |
| Widowed | 7,324 | 36.7 | 437 | 18.6 | 175 | 26.0 | 62 | 22.7 | 1 | 3.0 | 60 | 31.6 | 1 | 4.0 | 8,060 | 34.3 |
| Divorced | 2,568 | 12.9 | 276 | 11.7 | 131 | 19.5 | 41 | 15.0 | 3 | 9.1 | 13 | 6.8 | 0 | 0 | 3,032 | 12.9 |
| Unknown | 116 | 0.6 | 27 | 1.1 | 10 | 1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 68.0 | 170 | 0.7 |
| Total | 19,943 | | 2,354 | | 673 | | 273 | | 33 | | 190 | | 25 | | 23,491 | |

Table 2.10 Number and Percent of Deaths by Race/Ethnicity and Education Level

| Educational Level | Race/Ethnicity | | | | | | | | | | | | | | Total | |
|-------------------|----------------|------|----------|------|------------------|------|-------------------------------|------|---------------------------|------|-------|------|---------------|------|--------|------|
| | White | | Hispanic | | African American | | American Indian, Non-Hispanic | | American Indian, Hispanic | | Asian | | Other/Unknown | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| None | 232 | 1.2 | 292 | 12.4 | 31 | 4.6 | 11 | 4.0 | 7 | 21.2 | 10 | 5.3 | 0 | 0 | 583 | 2.5 |
| Grade 1-6 | 356 | 1.8 | 510 | 21.7 | 40 | 5.9 | 21 | 7.7 | 4 | 12.1 | 21 | 11.1 | 0 | 0 | 952 | 4.1 |
| Some HS | 2,991 | 15.0 | 648 | 27.5 | 136 | 20.2 | 93 | 34.1 | 10 | 30.3 | 28 | 14.7 | 2 | 8.0 | 3,908 | 16.6 |
| HS Grad | 8,149 | 40.9 | 505 | 21.5 | 240 | 35.7 | 87 | 31.9 | 8 | 24.2 | 67 | 35.3 | 4 | 16.0 | 9,060 | 38.6 |
| Some College | 4,200 | 21.1 | 204 | 8.7 | 129 | 19.2 | 42 | 15.4 | 4 | 12.1 | 26 | 13.7 | 2 | 8.0 | 4,607 | 19.6 |
| College Grad | 2,203 | 11.0 | 44 | 1.9 | 57 | 8.5 | 4 | 1.5 | 0 | 0 | 21 | 11.1 | 0 | 0 | 2,329 | 9.9 |
| Graduate School | 1,467 | 7.4 | 51 | 2.2 | 23 | 3.4 | 9 | 3.3 | 0 | 0 | 15 | 7.9 | 0 | 0 | 1,565 | 6.7 |
| Unknown | 345 | 1.7 | 100 | 4.2 | 17 | 2.5 | 6 | 2.2 | 0 | 0 | 2 | 1.1 | 17 | 68.0 | 487 | 2.1 |
| Total | 19,943 | | 2,354 | | 673 | | 273 | | 33 | | 190 | | 25 | | 23,491 | |

Table 2.11 Number and Percent of Deaths by Race/Ethnicity and Gender

| Gender | Race/Ethnicity | | | | | | | | | | | | | | Total | |
|--------------|----------------|------|----------|------|------------------|------|-------------------------------|------|---------------------------|------|-------|------|---------------|------|--------|------|
| | White | | Hispanic | | African American | | American Indian, Non-Hispanic | | American Indian, Hispanic | | Asian | | Other/Unknown | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| Male | 9,954 | 49.9 | 1,431 | 60.8 | 377 | 56.0 | 141 | 51.6 | 17 | 51.5 | 99 | 52.1 | 16 | 64.0 | 12,035 | 51.2 |
| Female | 9,986 | 50.1 | 923 | 39.2 | 296 | 44.0 | 131 | 48.0 | 16 | 48.5 | 90 | 47.4 | 9 | 36.0 | 11,451 | 48.7 |
| Total | 3 | 0.0 | 0 | 0 | 0 | 0 | 1 | 0.4 | 0 | 0 | 1 | 0.5 | 0 | 0 | 5 | 0.0 |

III. Maricopa County 2002 Communicable Disease Statistics

Maricopa County 2002 Communicable Disease Statistics

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

| Disease | Race/Ethnicity | | | | | | | | Total | |
|-------------------------------------|--------------------------|---|-------|---------------------|-----------------|-------|------|-------|--------|-------|
| | White | Hisp. | Black | Amer Ind. Non-Hisp. | Amer Ind. Hisp. | Asian | Unk. | | | |
| Vaccine Preventable | <i>H. influenzae</i> | 16 | 7 | 1 | 5 | 0 | 0 | 27 | 56 | |
| | Measles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Mumps | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Pertussis | 31 | 19 | 0 | 0 | 0 | 0 | 8 | 58 | |
| Central Nervous System | Enceph Viral Other | 8 | 2 | 0 | 0 | 0 | 1 | 1 | 12 | |
| | Meningitis Viral/Aseptic | 130 | 50 | 7 | 1 | 0 | 3 | 41 | 232 | |
| | Meningococcal Meningitis | 9 | 8 | 1 | 0 | 0 | 0 | 3 | 21 | |
| Enterics | Amebiasis | 2 | 3 | 5 | 0 | 0 | 1 | 6 | 17 | |
| | Botulism | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | |
| | Campylobacteriosis | 130 | 116 | 4 | 8 | 0 | 2 | 107 | 367 | |
| | Cholera | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Cryptosporidiosis | 6 | 3 | 0 | 1 | 0 | 0 | 5 | 15 | |
| | <i>E. Coli</i> O157.H7 | 12 | 2 | 1 | 0 | 0 | 0 | 10 | 25 | |
| | Giardiasis | 45 | 19 | 8 | 2 | 0 | 3 | 85 | 162 | |
| | Listeriosis | 4 | 3 | 0 | 0 | 0 | 0 | 3 | 10 | |
| | Salmonella Paratyphi | 5 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | |
| | Salmonellosis | 114 | 51 | 3 | 19 | 0 | 5 | 203 | 395 | |
| | Shigellosis | 47 | 130 | 13 | 19 | 0 | 1 | 144 | 354 | |
| | Typhoid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Mycosis | Coccidioidomycosis | 538 | 91 | 41 | 25 | 0 | 17 | 1,625 | 2,337 | |
| Zoonoses/ Vectorborne | Brucellosis | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | |
| | Dengue | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Hantavirus Pulm. Syn. | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | |
| | Lyme Disease | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | |
| | Malaria | 4 | 2 | 5 | 0 | 0 | 0 | 4 | 15 | |
| Hepatitides | Hepatitis A | 58 | 41 | 1 | 4 | 0 | 3 | 75 | 182 | |
| | Hepatitis B (Acute) | 26 | 12 | 3 | 3 | 0 | 4 | 100 | 148 | |
| | Hepatitis C | 721 | 258 | 88 | 139 | 0 | 5 | 281 | 1,492 | |
| | Hepatitis D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Other | Legionellosis | 6 | 0 | 1 | 0 | 0 | 0 | 1 | 8 | |
| | Strep Group A | 62 | 21 | 6 | 14 | 0 | 2 | 86 | 191 | |
| | Strep Group B | 5 | 7 | 0 | 0 | 0 | 0 | 7 | 19 | |
| | Strep Pneumo Invasive | 147 | 45 | 13 | 24 | 0 | 1 | 265 | 495 | |
| | Toxic Shock Syndrome | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Vibrio spp. | 2 | 1 | 0 | 0 | 0 | 0 | 4 | 7 | |
| | VRE | 264 | 57 | 14 | 15 | 0 | 2 | 381 | 733 | |
| | Yersiniosis | 2 | 1 | 2 | 1 | 0 | 0 | 0 | 6 | |
| | Hansen's Disease | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Tuberculosis | | 36 | 99 | 13 | 9 | 1 | 14 | 0 | 172 |
| Sexually Transmitted Disease | | Genital Herpes ¹ | 400 | 188 | 61 | 51 | - | 6 | 71 | 777 |
| | | Gonorrhea ¹ | 904 | 1,113 | 655 | 127 | - | 9 | 166 | 2,974 |
| | | Syphilis – Primary and Secondary ¹ | 52 | 60 | 39 | 4 | - | 0 | 0 | 155 |
| | | Syphilis – All Others ¹ | 137 | 403 | 113 | 49 | - | 6 | 0 | 708 |
| | | Chlamydia ¹ | 2,886 | 4,444 | 947 | 754 | - | 81 | 551 | 9,663 |
| | | HIV | 199 | 98 | 38 | 8 | 1 | 2 | 2 | 348 |
| AIDS | 175 | 85 | 48 | 15 | 0 | 3 | 1 | 327 | | |
| All Others | | 1 | 0 | 0 | 0 | 0 | 0 | 7 | 8 | |
| Total | | 7,190 | 7,445 | 2,131 | 1,297 | 2 | 171 | 4,273 | 22,509 | |

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Data collection methods for race/ethnicity data for genital herpes, gonorrhea, syphilis, and chlamydia do not allow the data to utilize an 'American Indian, Hispanic' category.

Maricopa County 2002 Communicable Disease Statistics

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

| Disease | Race/Ethnicity | | | | | | | Total | |
|-------------------------------|---|-------|-------|---------------------|-----------------|-------|-------|-------|-------|
| | White | Hisp. | Black | Amer Ind. Non-Hisp. | Amer Ind. Hisp. | Asian | Unk. | | |
| Vaccine Preventable | <i>H. influenzae</i> | 0.8 | 0.8 | 0.8 | 9.3 | 0 | 0 | - | 1.7 |
| | Measles | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| | Mumps | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| | Pertussis | 1.5 | 2.2 | 0 | 0 | 0 | 0 | - | 1.8 |
| Central Nervous System | Enceph Viral Other | 0.4 | 0.2 | 0 | 0 | 0 | 1.3 | - | 0.4 |
| | Meningitis Viral/Aseptic | 6.2 | 5.8 | 5.8 | 1.9 | 0 | 3.8 | - | 7.0 |
| | Meningococcal Meningitis | 0.4 | 0.9 | 0.8 | 0 | 0 | 0 | - | 0.6 |
| Enterics | Amebiasis | 0.1 | 0.3 | 4.2 | 0 | 0 | 1.3 | - | 0.5 |
| | Botulism | 0.0 | 0 | 0 | 0 | 0 | 0 | - | 0.1 |
| | Campylobacteriosis | 6.2 | 13.4 | 3.3 | 14.9 | 0 | 2.5 | - | 11.1 |
| | Cholera | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| | Cryptosporidiosis | 0.3 | 0.3 | 0 | 1.9 | 0 | 0 | - | 0.5 |
| | <i>E. Coli</i> O157.H7 | 0.6 | 0.2 | 0.8 | 0 | 0 | 0 | - | 0.8 |
| | Giardiasis | 2.1 | 2.2 | 6.6 | 3.7 | 0 | 3.8 | - | 4.9 |
| | Listeriosis | 0.2 | 0.3 | 0 | 0 | 0 | 0 | - | 0.3 |
| | Salmonella Paratyphi | 0.2 | 0 | 0 | 0 | 0 | 0 | - | 0.2 |
| | Salmonellosis | 5.4 | 5.9 | 2.5 | 35.4 | 0 | 6.3 | - | 12.0 |
| | Shigellosis | 2.2 | 15.0 | 10.8 | 35.4 | 0 | 1.3 | - | 10.7 |
| Typhoid | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | |
| Mycosis | Coccidioidomycosis | 25.5 | 10.5 | 34.0 | 46.6 | 0 | 21.3 | - | 71.0 |
| Zoonoses/ Vectorborne | Brucellosis | 0 | 0.6 | 0 | 0 | 0 | 0 | - | 0.2 |
| | Dengue | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| | Hantavirus Pulm. Syn. | 0.1 | 0.1 | 0 | 0 | 0 | 0 | - | 0.1 |
| | Lyme Disease | 0.1 | 0 | 0 | 0 | 0 | 0 | - | 0.1 |
| | Malaria | 0.2 | 0.2 | 4.2 | 0 | 0 | 0 | - | 0.5 |
| Hepatitides | Hepatitis A | 2.7 | 4.7 | 0.8 | 7.5 | 0 | 3.8 | - | 5.5 |
| | Hepatitis B (Acute) | 1.2 | 1.4 | 2.5 | 5.6 | 0 | 5.0 | - | 4.5 |
| | Hepatitis C | 34.1 | 29.7 | 73.1 | 259.0 | 0 | 6.3 | - | 45.3 |
| | Hepatitis D | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| Other | Legionellosis | 0.3 | 0 | 0.8 | 0 | 0 | 0 | - | 0.2 |
| | Strep Group A | 2.9 | 2.4 | 5.0 | 26.1 | 0 | 2.5 | - | 5.8 |
| | Strep Group B ¹ | 0.2 | 0.3 | 0 | 0 | 0 | 0 | - | 0.3 |
| | Strep Pneumo Invasive | 7.0 | 5.2 | 10.8 | 44.7 | 0 | 1.3 | - | 15.0 |
| | Toxic Shock Syndrome | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| | Vibrio spp. | 0.1 | 0.1 | 0 | 0 | 0 | 0 | - | 0.2 |
| | VRE | 12.5 | 6.6 | 11.6 | 27.9 | 0 | 2.5 | - | 22.3 |
| | Yersiniosis | 0.1 | 0.1 | 1.7 | 1.9 | 0 | 0 | - | 0.2 |
| | Hansen's Disease | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| Tuberculosis | | 1.7 | 11.4 | 10.8 | 16.8 | 6.1 | 17.5 | - | 5.2 |
| | Sexually Transmitted Disease | | | | | | | | |
| | Genital Herpes ² | 18.9 | 21.6 | 50.7 | 95.0 | - | 7.5 | - | 23.6 |
| | Gonorrhea ² | 42.8 | 128.1 | 544.0 | 236.6 | - | 11.3 | - | 90.3 |
| | Syphilis – Primary and Secondary ² | 2.5 | 6.9 | 32.4 | 7.5 | - | 0 | - | 4.7 |
| | Syphilis – All Others ² | 6.5 | 46.4 | 93.8 | 91.3 | - | 7.5 | - | 21.5 |
| | Chlamydia ² | 136.5 | 511.4 | 786.5 | 1,404.8 | - | 101.5 | - | 293.4 |
| HIV | 9.4 | 11.3 | 31.6 | 14.9 | 6.1 | 2.5 | - | 10.6 | |
| AIDS | 8.3 | 9.8 | 39.9 | 27.9 | 0 | 3.8 | - | 9.9 | |
| All Others | | 0.0 | 0 | 0 | 0 | 0 | 0 | - | 0.2 |
| Total | | 340.2 | 856.8 | 1,769.7 | 2,416.5 | 12.2 | 214.3 | - | 683.4 |

¹ Rates for Streptococcal Group B Invasive in infants <90 days are per 1,000 live births by race of the mother.
² Data collection methods for race/ethnicity data for genital herpes, gonorrhea, syphilis, and chlamydia do not allow the data to utilize an 'American Indian, Hispanic' category.

Maricopa County 2002 Communicable Disease Statistics

Table 3.02a Number of Cases of Selected Reportable Diseases by Age Group

| Disease | | Age Group | | | | | | | | | | | | | Total |
|-------------------------------|----------------------------------|-----------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-----|------|--------|
| | | <1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-84 | 85+ | Unk. | |
| Vaccine Preventable | <i>H. influenzae</i> | 12 | 6 | 2 | 2 | 1 | 2 | 6 | 2 | 2 | 6 | 12 | 3 | 0 | 56 |
| | 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 | 0 | 0 |
| | Pertussis | 12 | 7 | 4 | 19 | 3 | 3 | 5 | 4 | 1 | 0 | 0 | 0 | 0 | 58 |
| Central Nervous System | Enceph Viral Other | 0 | 1 | 1 | 0 | 1 | 2 | 4 | 1 | 0 | 1 | 1 | 0 | 0 | 12 |
| | Meningitis Viral/Aseptic | 16 | 6 | 19 | 17 | 19 | 27 | 57 | 43 | 7 | 4 | 14 | 0 | 3 | 232 |
| | Meningococcal Meningitis | 5 | 2 | 1 | 0 | 4 | 3 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 21 |
| Enterics | Amebiasis | 0 | 3 | 5 | 1 | 0 | 0 | 4 | 1 | 1 | 1 | 1 | 0 | 0 | 17 |
| | Botulism | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | Campylobacteriosis | 15 | 50 | 17 | 25 | 13 | 23 | 67 | 45 | 51 | 28 | 26 | 2 | 5 | 367 |
| | Cholera | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Cryptosporidiosis | 0 | 4 | 0 | 0 | 0 | 0 | 3 | 2 | 5 | 0 | 1 | 0 | 0 | 15 |
| | <i>E. Coli</i> O157.H7 | 1 | 8 | 1 | 0 | 6 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 25 |
| | Giardiasis | 0 | 49 | 34 | 7 | 4 | 6 | 14 | 22 | 12 | 6 | 8 | 0 | 0 | 162 |
| | Listeriosis | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 2 | 4 | 1 | 0 | 10 |
| | Salmonella Paratyphi | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 6 |
| | Salmonellosis | 35 | 64 | 32 | 21 | 16 | 25 | 52 | 49 | 28 | 25 | 41 | 5 | 2 | 395 |
| | Shigellosis | 5 | 141 | 78 | 15 | 16 | 18 | 27 | 23 | 13 | 6 | 9 | 0 | 3 | 354 |
| | Typhoid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mycosis | Coccidioidomycosis | 10 | 11 | 40 | 51 | 94 | 101 | 307 | 376 | 390 | 332 | 551 | 54 | 20 | 2,337 |
| Zoonoses/ Vectorborne | Brucellosis | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 5 |
| | Dengue | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Hantavirus Pulm. Syn. | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 3 |
| | Lyme Disease | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 3 |
| | Malaria | 1 | 0 | 1 | 0 | 2 | 0 | 3 | 5 | 2 | 1 | 0 | 0 | 0 | 15 |
| Hepatitides | Hepatitis A | 1 | 4 | 13 | 22 | 10 | 14 | 30 | 30 | 25 | 11 | 18 | 4 | 0 | 182 |
| | Hepatitis B (Acute) | 0 | 1 | 0 | 0 | 3 | 16 | 44 | 36 | 24 | 12 | 10 | 2 | 0 | 148 |
| | Hepatitis C | 3 | 2 | 0 | 1 | 8 | 48 | 251 | 505 | 463 | 108 | 80 | 9 | 14 | 1,492 |
| | Hepatitis D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | Legionellosis | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 3 | 2 | 0 | 0 | 8 |
| | Strep Group A | 12 | 9 | 7 | 4 | 4 | 9 | 17 | 26 | 31 | 24 | 40 | 8 | 0 | 191 |
| | Strep Group B ¹ | 19 | - | - | - | - | - | - | - | - | - | - | - | - | 19 |
| | Strep Pneumo Invasive | 32 | 41 | 11 | 3 | 12 | 11 | 29 | 64 | 61 | 79 | 122 | 29 | 1 | 495 |
| | Toxic Shock Syndrome | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Vibrio spp. | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 1 | 1 | 1 | 0 | 0 | 7 |
| | VRE | 6 | 5 | 0 | 2 | 3 | 11 | 27 | 52 | 99 | 97 | 340 | 81 | 10 | 733 |
| | Yersiniosis | 0 | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 6 |
| | Hansen's Disease | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuberculosis | | 2 | 6 | 5 | 2 | 3 | 14 | 35 | 29 | 23 | 20 | 32 | 1 | 0 | 172 |
| Sexually Transmitted Diseases | Genital Herpes ² | 1 | 0 | 1 | 1 | 116 | 226 | 243 | 107 | 58 | 16 | 8 | ** | 0 | 777 |
| | Gonorrhea ² | 3 | 3 | 5 | 19 | 585 | 892 | 865 | 427 | 137 | 33 | 5 | ** | 0 | 2,974 |
| | Syphilis – Primary and Secondary | 0 | 0 | 0 | 0 | 11 | 22 | 40 | 42 | 29 | 9 | 2 | 0 | 0 | 155 |
| | Syphilis – All Others | 20 | 0 | 0 | 1 | 41 | 103 | 236 | 167 | 99 | 29 | 12 | 0 | 0 | 708 |
| | Chlamydia ² | 25 | 2 | 0 | 143 | 3,106 | 3,534 | 2,225 | 508 | 103 | 13 | 4 | ** | 0 | 9,663 |
| | HIV | 1 | 0 | 1 | 2 | 17 | 36 | 129 | 106 | 42 | 12 | 2 | 0 | 0 | 348 |
| | AIDS | 0 | 0 | 0 | 0 | 0 | 10 | 85 | 148 | 63 | 17 | 4 | 0 | 0 | 327 |
| All Others | | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 3 | 8 |
| Total | | 243 | 427 | 281 | 360 | 4,099 | 5,161 | 4,814 | 2,831 | 1,776 | 901 | 1,354 | 200 | 62 | 22,509 |

¹ Streptococcal Group B Invasive disease is only reportable for cases in infants under 90 days.
² For genital herpes, gonorrhea, and chlamydia, the 65-84 age group includes all individuals over the age of 60.

Maricopa County 2002 Communicable Disease Statistics

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

| Disease | Age Group | | | | | | | | | | | | Total | |
|--------------------------------------|----------------------------------|--------------------|-------|-------|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 0-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-84 | 85+ | Unk. | | |
| Vaccine Preventable | <i>H. influenzae</i> | 6.6 | 0.8 | 0.8 | 0.5 | 0.8 | 1.2 | 0.4 | 0.5 | 2.2 | 3.6 | 6.7 | - | 1.7 |
| | Measles | 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 | 7.0 | 1.6 | 7.6 | 1.4 | 1.3 | 1.0 | 0.8 | 0.3 | 0 | 0 | 0 | - | 1.8 |
| Central Nervous System | Enceph Viral Other | 0.4 | 0.4 | 0 | 0.5 | 0.8 | 0.8 | 0.2 | 0 | 0.4 | 0.3 | 0 | - | 0.4 |
| | Meningitis Viral/Aseptic | 8.1 | 7.4 | 6.8 | 8.6 | 11.3 | 10.9 | 8.7 | 1.8 | 1.5 | 4.3 | 0 | - | 7.0 |
| | Meningococcal Meningitis | 2.6 | 0.4 | 0 | 1.8 | 1.3 | 0.2 | 0.2 | 0.3 | 0.7 | 0.3 | 0 | - | 0.6 |
| Enterics | Amebiasis | 1.1 | 1.9 | 0.4 | 0 | 0 | 0.8 | 0.2 | 0.3 | 0.4 | 0.3 | 0 | - | 0.5 |
| | Botulism | 0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0.1 |
| | Campylobacteriosis | 24.0 | 6.6 | 10.0 | 5.9 | 9.6 | 12.9 | 9.1 | 12.9 | 10.3 | 7.9 | 4.5 | - | 11.1 |
| | Cholera | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| | Cryptosporidiosis | 1.5 | 0 | 0 | 0 | 0 | 0.6 | 0.4 | 1.3 | 0 | 0.3 | 0 | - | 0.5 |
| | <i>E. Coli</i> O157:H7 | 3.3 | 0.4 | 0 | 2.7 | 0.8 | 0.2 | 0.2 | 0.3 | 0.4 | 0.3 | 2.2 | - | 0.8 |
| | Giardiasis | 18.1 | 13.2 | 2.8 | 1.8 | 2.5 | 2.7 | 4.5 | 3.0 | 2.2 | 2.4 | 0 | - | 4.9 |
| | Listeriosis | 0.4 | 0 | 0 | 0 | 0.4 | 0 | 0.2 | 0 | 0.7 | 1.2 | 2.2 | - | 0.3 |
| | Salmonella Paratyphi | 0.4 | 0.4 | 0 | 0 | 0.4 | 0.2 | 0 | 0.3 | 0.4 | 0 | 0 | - | 0.2 |
| | Salmonellosis | 36.6 | 12.4 | 8.4 | 7.2 | 10.4 | 10.0 | 10.0 | 7.1 | 9.2 | 12.5 | 11.2 | - | 12.0 |
| | Shigellosis | 53.9 | 30.3 | 6.0 | 7.2 | 7.5 | 5.2 | 4.7 | 3.3 | 2.2 | 2.7 | 0 | - | 10.7 |
| | Typhoid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| | Mycosis | Coccidioidomycosis | 7.8 | 15.5 | 20.5 | 42.5 | 42.1 | 59.0 | 76.4 | 98.3 | 121.9 | 167.5 | 121.0 | - |
| Zoonoses/ Vectorborne | Brucellosis | 0 | 0 | 0.4 | 0.5 | 0 | 0 | 0.2 | 0.5 | 0 | 0 | 0 | - | 0.2 |
| | Dengue | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| | Hantavirus Pulm. Syn. | 0 | 0 | 0 | 0 | 0 | 0.4 | 0.2 | 0 | 0 | 0 | 0 | - | 0.1 |
| | Lyme Disease | 0 | 0 | 0.4 | 0 | 0 | 0 | 0 | 0 | 0.4 | 0.3 | 0 | - | 0.1 |
| | Malaria | 0.4 | 0.4 | 0 | 0.9 | 0 | 0.6 | 1.0 | 0.5 | 0.4 | 0 | 0 | - | 0.5 |
| Hepatitides | Hepatitis A | 1.8 | 5.0 | 8.8 | 4.5 | 5.8 | 5.8 | 6.1 | 6.3 | 4.0 | 5.5 | 9.0 | - | 5.5 |
| | Hepatitis B (Acute) | 0.4 | 0 | 0 | 1.4 | 6.7 | 8.4 | 7.3 | 6.1 | 4.4 | 3.0 | 4.5 | - | 4.5 |
| | Hepatitis C | 1.8 | 0 | 0.4 | 3.6 | 20.0 | 48.2 | 102.6 | 116.7 | 39.7 | 24.3 | 20.2 | - | 45.3 |
| | Hepatitis D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| Other | Legionellosis | 0.4 | 0 | 0 | 0 | 0 | 0 | 0.4 | 0 | 1.1 | 0.6 | 0 | - | 0.2 |
| | Strep Group A | 7.8 | 2.7 | 1.6 | 1.8 | 3.8 | 3.3 | 5.3 | 7.8 | 8.8 | 12.2 | 17.9 | - | 5.8 |
| | Strep Group B ¹ | 0.3 | - | - | - | - | - | - | - | - | - | - | - | 0.3 |
| | Strep Pneumo Invasive | 27.0 | 4.3 | 1.2 | 5.4 | 4.6 | 5.6 | 13.0 | 15.4 | 29.0 | 37.1 | 65.0 | - | 15.0 |
| | Toxic Shock Syndrome | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| | Vibrio spp. | 0 | 0 | 0 | 0 | 0 | 0.6 | 0.2 | 0.3 | 0.4 | 0.3 | 0 | - | 0.2 |
| | VRE | 4.1 | 0 | 0.8 | 1.4 | 4.6 | 5.2 | 10.6 | 25.0 | 35.6 | 103.4 | 181.5 | - | 22.3 |
| | Yersiniosis | 0.4 | 0.8 | 0 | 0 | 0 | 0.2 | 0.2 | 0.3 | 0 | 0 | 0 | - | 0.2 |
| | Hansen's Disease | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| Tuberculosis | | 3.0 | 1.9 | 0.8 | 1.4 | 5.8 | 6.7 | 5.9 | 5.8 | 7.3 | 9.7 | 2.2 | - | 5.2 |
| Sexually Transmitted Diseases | Genital Herpes ² | 0.4 | 0.4 | 0.4 | 52.5 | 94.3 | 46.7 | 21.7 | 14.6 | 5.9 | 2.4 | ** | - | 23.6 |
| | Gonorrhea ² | 2.2 | 1.9 | 7.6 | 264.6 | 372.1 | 166.1 | 86.8 | 34.5 | 12.1 | 1.5 | ** | - | 90.3 |
| | Syphilis – Primary and Secondary | 0 | 0 | 0 | 5.0 | 9.2 | 7.7 | 8.5 | 7.3 | 3.3 | 0.6 | 0 | - | 4.7 |
| | Syphilis – All Others | 7.4 | 0 | 0.4 | 18.5 | 43.0 | 45.3 | 33.9 | 25.0 | 10.6 | 3.6 | 0 | - | 21.5 |
| | Chlamydia ² | 10.0 | 0 | 57.4 | 1,405.1 | 1,474.4 | 427.2 | 103.3 | 26.0 | 4.8 | 1.2 | ** | - | 293.4 |
| | HIV | 0.4 | 0.4 | 0.8 | 7.7 | 15.0 | 24.8 | 21.5 | 10.6 | 4.4 | 0.6 | 0 | - | 10.6 |
| | AIDS | 0 | 0 | 0 | 0 | 4.2 | 16.3 | 30.1 | 15.9 | 6.2 | 1.2 | 0 | - | 9.9 |
| All Others | | 0.4 | 0 | 0 | 0 | 0.4 | 0 | 0.4 | 0 | 0 | 0.3 | 0 | - | 0.2 |
| Total | | 247.5 | 109.1 | 144.4 | 1,854.3 | 2,153.1 | 924.4 | 575.4 | 447.7 | 330.9 | 411.7 | 448.1 | - | 683.4 |

¹
²

Rates for Streptococcal Group B Invasive in infants <90 days are per 1,000 live births.
For genital herpes, gonorrhea, and chlamydia, the 65-84 age group includes all individuals over the age of 60.

Maricopa County 2002 Communicable Disease Statistics

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

| Disease | | Gender | | | Total |
|--------------------------------------|----------------------------------|--------|--------|------|--------|
| | | Male | Female | Unk. | |
| Vaccine Preventable | <i>H. influenzae</i> | 26 | 30 | 0 | 56 |
| | Measles | 0 | 0 | 0 | 0 |
| | Mumps | 0 | 0 | 0 | 0 |
| | Pertussis | 25 | 32 | 1 | 58 |
| Central Nervous System | Enceph Viral Other | 5 | 7 | 0 | 12 |
| | Meningitis Viral/Aseptic | 124 | 108 | 0 | 232 |
| | Meningococcal Meningitis | 12 | 9 | 0 | 21 |
| Enterics | Amebiasis | 12 | 5 | 0 | 17 |
| | Botulism | 1 | 1 | 0 | 2 |
| | Campylobacteriosis | 192 | 152 | 23 | 367 |
| | Cholera | 0 | 0 | 0 | 0 |
| | Cryptosporidiosis | 11 | 4 | 0 | 15 |
| | <i>E. Coli</i> O157.H7 | 9 | 15 | 1 | 25 |
| | Giardiasis | 88 | 71 | 3 | 162 |
| | Listeriosis | 4 | 6 | 0 | 10 |
| | Salmonella Paratyphi | 4 | 2 | 0 | 6 |
| | Salmonellosis | 164 | 206 | 25 | 395 |
| | Shigellosis | 172 | 165 | 17 | 354 |
| | Typhoid | 0 | 0 | 0 | 0 |
| Mycosis | Coccidioidomycosis | 1,228 | 1,065 | 44 | 2,337 |
| Zoonoses/ Vectorborne | Brucellosis | 2 | 3 | 0 | 5 |
| | Dengue | 0 | 0 | 0 | 0 |
| | Hantavirus Pulm. Syn. | 3 | 0 | 0 | 3 |
| | Lyme Disease | 3 | 0 | 0 | 3 |
| | Malaria | 8 | 7 | 0 | 15 |
| Hepatitides | Hepatitis A | 99 | 79 | 4 | 182 |
| | Hepatitis B (Acute) | 89 | 57 | 2 | 148 |
| | Hepatitis C | 1,043 | 429 | 20 | 1,492 |
| | Hepatitis D | 0 | 0 | 0 | 0 |
| Other | Legionellosis | 4 | 4 | 0 | 8 |
| | Strep Group A | 101 | 85 | 5 | 191 |
| | Strep Group B | 9 | 9 | 1 | 19 |
| | Strep Pneumo Invasive | 283 | 202 | 10 | 495 |
| | Toxic Shock Syndrome | 0 | 0 | 0 | 0 |
| | Vibrio spp. | 4 | 2 | 1 | 7 |
| | VRE | 263 | 442 | 28 | 733 |
| | Yersiniosis | 3 | 3 | 0 | 6 |
| | Hansen's Disease | 0 | 0 | 0 | 0 |
| Tuberculosis | | 105 | 67 | 0 | 172 |
| Sexually Transmitted Diseases | Genital Herpes | 285 | 492 | 0 | 777 |
| | Gonorrhea | 1,723 | 1,251 | 0 | 2,974 |
| | Syphilis – Primary and Secondary | 96 | 59 | 0 | 155 |
| | Syphilis – All Others | 426 | 282 | 0 | 708 |
| | Chlamydia | 2,182 | 7,481 | 0 | 9,663 |
| | HIV | 301 | 47 | 0 | 348 |
| | AIDS | 279 | 48 | 0 | 327 |
| All Others | | 3 | 2 | 3 | 8 |
| Total | | 9,391 | 12,930 | 188 | 22,509 |

Maricopa County 2002 Communicable Disease Statistics

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

| Disease | | Gender | | | Total | |
|--------------------------------------|----------------------------------|--------------------|--------|------|-------|------|
| | | Male | Female | Unk. | | |
| Vaccine Preventable | <i>H. influenzae</i> | 1.6 | 1.8 | - | 1.7 | |
| | Measles | 0 | 0 | - | 0 | |
| | Mumps | 0 | 0 | - | 0 | |
| | Pertussis | 1.5 | 1.9 | - | 1.8 | |
| Central Nervous System | Enceph Viral Other | 0.3 | 0.4 | - | 0.4 | |
| | Meningitis Viral/Aseptic | 7.5 | 6.6 | - | 7.0 | |
| | Meningococcal Meningitis | 0.7 | 0.5 | - | 0.6 | |
| Enterics | Amebiasis | 0.7 | 0.3 | - | 0.5 | |
| | Botulism | 0.1 | 0.1 | - | 0.1 | |
| | Campylobacteriosis | 11.6 | 9.3 | - | 11.1 | |
| | Cholera | 0 | 0 | - | 0 | |
| | Cryptosporidiosis | 0.7 | 0.2 | - | 0.5 | |
| | <i>E. Coli</i> O157.H7 | 0.5 | 0.9 | - | 0.8 | |
| | Giardiasis | 5.3 | 4.3 | - | 4.9 | |
| | Listeriosis | 0.2 | 0.4 | - | 0.3 | |
| | Salmonella Paratyphi | 0.2 | 0.1 | - | 0.2 | |
| | Salmonellosis | 9.9 | 12.5 | - | 12.0 | |
| | Shigellosis | 10.4 | 10.1 | - | 10.7 | |
| | Typhoid | 0 | 0 | - | 0 | |
| | Mycosis | Coccidioidomycosis | 74.3 | 64.9 | - | 71.0 |
| | Zoonoses/ Vectorborne | Brucellosis | 0.1 | 0.2 | - | 0.2 |
| Dengue | | 0 | 0 | - | 0 | |
| Hantavirus Pulm. Syn. | | 0.2 | 0 | - | 0.1 | |
| Lyme Disease | | 0.2 | 0 | - | 0.1 | |
| Malaria | | 0.5 | 0.4 | - | 0.5 | |
| Hepatitides | | Hepatitis A | 6.0 | 4.8 | - | 5.5 |
| | Hepatitis B (Acute) | 5.4 | 3.5 | - | 4.5 | |
| | Hepatitis C | 63.1 | 26.1 | - | 45.3 | |
| | Hepatitis D | 0 | 0 | - | 0 | |
| Other | Legionellosis | 0.2 | 0.2 | - | 0.2 | |
| | Strep Group A | 6.1 | 5.2 | - | 5.8 | |
| | Strep Group B ¹ | 0.3 | 0.3 | - | 0.3 | |
| | Strep Pneumo Invasive | 17.1 | 12.3 | - | 15.0 | |
| | Toxic Shock Syndrome | 0 | 0 | - | 0 | |
| | Vibrio spp. | 0.2 | 0.1 | - | 0.2 | |
| | VRE | 15.9 | 26.9 | - | 22.3 | |
| | Yersiniosis | 0.2 | 0.2 | - | 0.2 | |
| | Hansen's Disease | 0 | 0 | - | 0 | |
| | Tuberculosis | | 6.4 | 4.1 | - | 5.2 |
| Sexually Transmitted Diseases | Genital Herpes | 17.3 | 30.0 | - | 23.6 | |
| | Gonorrhea | 104.3 | 76.2 | - | 90.3 | |
| | Syphilis – Primary and Secondary | 5.8 | 3.6 | - | 4.7 | |
| | Syphilis – All Others | 25.8 | 17.2 | - | 21.5 | |
| | Chlamydia | 132.1 | 455.7 | - | 293.4 | |
| | HIV | 18.2 | 2.9 | - | 10.6 | |
| | AIDS | 16.9 | 2.9 | - | 9.9 | |
| All Others | | 0.2 | 0.1 | - | 0.2 | |
| Total | | 568.6 | 787.6 | - | 683.4 | |

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

IV. Maricopa County 2002 Natality (Birth) Statistics

Maricopa County 2002 Natality (Birth) Statistics

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

| Age Group of Mother | Race/Ethnicity | | | | | | | | | | | | | | Total | |
|---------------------|----------------|------|---------------|------|------------------|------|-----------------------|------|-------------------|------|--------------|------|------------|------|---------------|------|
| | White | | Hispanic | | African American | | Amer. Ind., Non-Hisp. | | Amer. Ind., Hisp. | | Asian | | Other | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| <15 | 14 | 0.1 | 100 | 0.4 | 8 | 0.4 | 5 | 0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 127 | 0.2 |
| 15-19 | 1,685 | 6.4 | 4,355 | 17.5 | 312 | 15.8 | 254 | 16.2 | 31 | 27.4 | 56 | 3.4 | 12 | 4.8 | 6,705 | 11.8 |
| 20-24 | 5,942 | 22.7 | 8,029 | 32.3 | 646 | 32.7 | 537 | 34.3 | 37 | 32.7 | 226 | 13.6 | 45 | 18.1 | 15,462 | 27.3 |
| 25-29 | 7,417 | 28.3 | 6,609 | 26.6 | 482 | 24.4 | 409 | 26.1 | 21 | 18.6 | 534 | 32.2 | 53 | 21.4 | 15,525 | 27.4 |
| 30-34 | 7,140 | 27.3 | 3,890 | 15.6 | 339 | 17.1 | 247 | 15.8 | 12 | 10.6 | 557 | 33.6 | 55 | 22.2 | 12,240 | 21.6 |
| 35-39 | 3,296 | 12.6 | 1,590 | 6.4 | 149 | 7.5 | 92 | 5.9 | 12 | 10.6 | 237 | 14.3 | 46 | 18.5 | 5,422 | 9.6 |
| 40-44 | 657 | 2.5 | 277 | 1.1 | 42 | 2.1 | 20 | 1.3 | 0 | 0 | 47 | 2.8 | 27 | 10.9 | 1,070 | 1.9 |
| 45+ | 29 | 0.1 | 13 | 0.1 | 0 | 0 | 2 | 0.1 | 0 | 0 | 0 | 0 | 8 | 3.2 | 52 | 0.1 |
| Unk. | 1 | 0.0 | 5 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.8 | 8 | 0.0 |
| Total | 26,181 | | 24,868 | | 1,978 | | 1,566 | | 113 | | 1,657 | | 248 | | 56,611 | |

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

| Marital Status of Mother | Race/Ethnicity | | | | | | | | | | | | | | Total | |
|--------------------------|----------------|------|---------------|------|------------------|------|-----------------------|------|-------------------|------|--------------|------|------------|------|---------------|------|
| | White | | Hispanic | | African American | | Amer. Ind., Non-Hisp. | | Amer. Ind., Hisp. | | Asian | | Other | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| Married | 20,072 | 76.7 | 11,445 | 46.0 | 693 | 35.0 | 491 | 31.4 | 45 | 39.8 | 1,423 | 85.9 | 213 | 85.9 | 34,382 | 60.7 |
| Single | 5,886 | 22.5 | 13,198 | 53.1 | 1,261 | 63.8 | 1,047 | 66.9 | 68 | 60.2 | 228 | 13.8 | 32 | 12.9 | 21,720 | 38.4 |
| Refused | 184 | 0.7 | 190 | 0.8 | 21 | 1.1 | 22 | 1.4 | 0 | 0 | 4 | 0.2 | 0 | 0 | 421 | 0.7 |
| Divorced | 29 | 0.1 | 25 | 0.1 | 0 | 0 | 3 | 0.2 | 0 | 0 | 1 | 0.1 | 0 | 0 | 58 | 0.1 |
| Unknown | 10 | 0.0 | 10 | 0.0 | 3 | 0.2 | 3 | 0.2 | 0 | 0 | 1 | 0.1 | 3 | 1.2 | 30 | 0.1 |
| Total | 26,181 | | 24,868 | | 1,978 | | 1,566 | | 113 | | 1,657 | | 248 | | 56,611 | |

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

| Education Level of Mother | Race/Ethnicity | | | | | | | | | | | | | | Total | |
|--|----------------|------|---------------|------|------------------|------|-----------------------|------|-------------------|------|--------------|------|------------|------|---------------|------|
| | White | | Hispanic | | African American | | Amer. Ind., Non-Hisp. | | Amer. Ind., Hisp. | | Asian | | Other | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| <6 th Grade | 44 | 0.2 | 975 | 3.9 | 4 | 0.2 | 7 | 0.4 | 0 | 0 | 10 | 0.6 | 5 | 2.0 | 1,045 | 1.8 |
| 6 th - 11 th Grade | 2,273 | 8.7 | 12,770 | 51.4 | 439 | 22.2 | 451 | 28.8 | 46 | 40.7 | 101 | 6.1 | 14 | 5.6 | 16,094 | 28.4 |
| HS Diploma | 6,824 | 26.1 | 6,712 | 27.0 | 709 | 35.8 | 514 | 32.8 | 40 | 35.4 | 357 | 21.5 | 51 | 20.6 | 15,207 | 26.9 |
| College+ | 16,526 | 63.1 | 3,950 | 15.9 | 785 | 39.7 | 566 | 36.1 | 27 | 23.9 | 1,147 | 69.2 | 61 | 24.6 | 23,062 | 40.7 |
| Unknown | 514 | 2.0 | 461 | 1.9 | 41 | 2.1 | 28 | 1.8 | 0 | 0 | 42 | 2.5 | 117 | 47.2 | 1,203 | 2.1 |
| Total | 26,181 | | 24,868 | | 1,978 | | 1,566 | | 113 | | 1,657 | | 248 | | 56,611 | |

Maricopa County 2002 Natality (Birth) Statistics

Table 4.04 Trimester of First Prenatal Care by Race/Ethnicity of Mother

| Trimester of First Prenatal Care | Race/Ethnicity | | | | | | | | | | | | | | Total | |
|----------------------------------|----------------|------|----------|------|------------------|------|-----------------------|------|-------------------|------|-------|------|-------|------|--------|------|
| | White | | Hispanic | | African American | | Amer. Ind., Non-Hisp. | | Amer. Ind., Hisp. | | Asian | | Other | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| First | 23,561 | 90.0 | 16,941 | 68.1 | 1,536 | 77.7 | 1,052 | 67.2 | 80 | 70.8 | 1,450 | 87.5 | 164 | 66.1 | 44,784 | 79.1 |
| Second | 2,048 | 7.8 | 5,607 | 22.5 | 337 | 17.0 | 368 | 23.5 | 25 | 22.1 | 147 | 8.9 | 34 | 13.7 | 8,566 | 15.1 |
| Third | 320 | 1.2 | 1,390 | 5.6 | 49 | 2.5 | 90 | 5.7 | 6 | 5.3 | 25 | 1.5 | 25 | 10.1 | 1,905 | 3.4 |
| None | 161 | 0.6 | 721 | 2.9 | 35 | 1.8 | 44 | 2.8 | 1 | 0.9 | 21 | 1.3 | 17 | 6.9 | 1,000 | 1.8 |
| Unknown | 91 | 0.3 | 209 | 0.8 | 21 | 1.1 | 12 | 0.8 | 1 | 0.9 | 14 | 0.8 | 8 | 3.2 | 356 | 0.6 |
| Total | 26,181 | | 24,868 | | 1,978 | | 1,566 | | 113 | | 1,657 | | 248 | | 56,611 | |

Table 4.05 Number and Percent of Prenatal Care Visits by Race/Ethnicity of Mother

| Number of Prenatal Care Visits | Race/Ethnicity | | | | | | | | | | | | | | Total | |
|--------------------------------|----------------|------|----------|------|------------------|------|-----------------------|------|-------------------|------|-------|------|-------|------|--------|------|
| | White | | Hispanic | | African American | | Amer. Ind., Non-Hisp. | | Amer. Ind., Hisp. | | Asian | | Other | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| None | 161 | 0.6 | 721 | 2.9 | 35 | 1.8 | 44 | 2.8 | 1 | 0.9 | 21 | 1.3 | 17 | 6.9 | 1,000 | 1.8 |
| 1 to 4 | 369 | 1.4 | 1,302 | 5.2 | 67 | 3.4 | 91 | 5.8 | 9 | 8.0 | 27 | 1.6 | 20 | 8.1 | 1,885 | 3.3 |
| 5 to 8 | 2,252 | 8.6 | 4,169 | 16.8 | 297 | 15.0 | 296 | 18.9 | 18 | 15.9 | 165 | 10.0 | 42 | 16.9 | 7,239 | 12.8 |
| 9 to 12 | 13,785 | 52.7 | 8,736 | 35.1 | 876 | 44.3 | 783 | 50.0 | 56 | 49.6 | 919 | 55.5 | 95 | 38.3 | 25,250 | 44.6 |
| 13 to 16 | 7,517 | 28.7 | 8,612 | 34.6 | 517 | 26.1 | 261 | 16.7 | 23 | 20.4 | 417 | 25.2 | 60 | 24.2 | 17,407 | 30.7 |
| 17 or More | 1,673 | 6.4 | 866 | 3.5 | 127 | 6.4 | 54 | 3.4 | 4 | 3.5 | 68 | 4.1 | 5 | 2.0 | 2,797 | 4.9 |
| Unknown | 424 | 1.6 | 462 | 1.9 | 59 | 3.0 | 37 | 2.4 | 2 | 1.8 | 40 | 2.4 | 9 | 3.6 | 1,033 | 1.8 |
| Total | 26,181 | | 24,868 | | 1,978 | | 1,566 | | 113 | | 1,657 | | 248 | | 56,611 | |

**Table 4.06 Adequacy of Prenatal Care by Race/Ethnicity of Mother
Singleton Births Only**

| Adequacy of Prenatal Care | Race/Ethnicity | | | | | | | | | | | | | | Total | |
|----------------------------|----------------|------|----------|------|------------------|------|-----------------------|------|-------------------|------|-------|------|-------|------|--------|------|
| | White | | Hispanic | | African American | | Amer. Ind., Non-Hisp. | | Amer. Ind., Hisp. | | Asian | | Other | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| Inadequate | 1,464 | 5.8 | 5,297 | 21.7 | 274 | 14.4 | 337 | 21.9 | 24 | 22.0 | 121 | 7.6 | 61 | 24.8 | 7,578 | 13.8 |
| Intermediate | 2,237 | 8.9 | 2,625 | 10.8 | 201 | 10.6 | 187 | 12.2 | 14 | 12.8 | 144 | 9.0 | 28 | 11.4 | 5,436 | 9.9 |
| Adequate | 13,892 | 55.1 | 7,785 | 31.9 | 771 | 40.6 | 688 | 44.8 | 46 | 42.2 | 870 | 54.4 | 89 | 36.2 | 24,141 | 43.9 |
| Adequate Plus | 7,206 | 28.6 | 8,154 | 33.5 | 589 | 31.0 | 286 | 18.6 | 23 | 21.1 | 428 | 26.8 | 58 | 23.6 | 16,744 | 30.5 |
| Information Missing | 402 | 1.6 | 514 | 2.1 | 62 | 3.3 | 38 | 2.5 | 2 | 1.8 | 35 | 2.2 | 10 | 4.1 | 1,063 | 1.9 |
| Total | 25,201 | | 24,375 | | 1,897 | | 1,536 | | 109 | | 1,598 | | 246 | | 54,962 | |

Maricopa County 2002 Natality (Birth) Statistics

Table 4.07 Birthweight of Infant by Race/Ethnicity of Mother

| Birthweight of Infant | Race/Ethnicity | | | | | | | | | | | | | | Total | |
|-----------------------|----------------|------|---------------|------|------------------|------|-----------------------|------|-------------------|------|--------------|------|------------|------|---------------|------|
| | White | | Hispanic | | African American | | Amer. Ind., Non-Hisp. | | Amer. Ind., Hisp. | | Asian | | Other | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| <1500 Grams | 321 | 1.2 | 264 | 1.1 | 49 | 2.5 | 18 | 1.1 | 0 | 0 | 20 | 1.2 | 1 | 0.4 | 673 | 1.2 |
| 1500-2499 Grams | 1,395 | 5.3 | 1,305 | 5.2 | 196 | 9.9 | 82 | 5.2 | 7 | 6.2 | 120 | 7.2 | 22 | 8.9 | 3,127 | 5.5 |
| 2500-4249 Grams | 23,498 | 89.8 | 22,458 | 90.3 | 1,698 | 85.8 | 1,392 | 88.9 | 101 | 89.4 | 1,481 | 89.4 | 213 | 85.9 | 50,841 | 89.8 |
| >4249 Grams | 962 | 3.7 | 833 | 3.3 | 34 | 1.7 | 74 | 4.7 | 5 | 4.4 | 35 | 2.1 | 10 | 4.0 | 1,953 | 3.4 |
| Unknown | 5 | 0.0 | 8 | 0.0 | 1 | 0.1 | 0 | 0 | 0 | 0 | 1 | 0.1 | 2 | 0.8 | 17 | 0.0 |
| Total | 26,181 | | 24,868 | | 1,978 | | 1,566 | | 113 | | 1,657 | | 248 | | 56,611 | |

Table 4.08 Preterm Births (Less than 37 Weeks Gestation) by Race/Ethnicity of Mother

| Gestational Estimate | Race/Ethnicity | | | | | | | | | | | | | | Total | |
|----------------------|----------------|------|---------------|------|------------------|------|-----------------------|------|-------------------|------|--------------|------|------------|------|---------------|------|
| | White | | Hispanic | | African American | | Amer. Ind., Non-Hisp. | | Amer. Ind., Hisp. | | Asian | | Other | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| <37 Weeks Gestation | 2,818 | 10.8 | 2,370 | 9.5 | 301 | 15.2 | 164 | 10.5 | 6 | 5.3 | 190 | 11.5 | 28 | 11.3 | 5,877 | 10.4 |
| ≥37 Weeks Gestation | 23,353 | 89.2 | 22,484 | 90.4 | 1,675 | 84.7 | 1,402 | 89.5 | 107 | 94.7 | 1,465 | 88.4 | 217 | 87.5 | 50,703 | 89.6 |
| Unknown | 10 | 0.0 | 14 | 0.1 | 2 | 0.1 | 0 | 0 | 0 | 0 | 2 | 0.1 | 3 | 1.2 | 31 | 0.1 |
| Total | 26,181 | | 24,868 | | 1,978 | | 1,566 | | 113 | | 1,657 | | 248 | | 56,611 | |

Maricopa County 2002 Natality (Birth) Statistics

Table 4.09 Number and Percent of Births by Marital Status and Age Group of Mother

| Marital Status of Mother | Age Group of Mother | | | | | | | | | | | | | | | | | | Total | |
|--------------------------|---------------------|------|--------------|------|---------------|------|---------------|------|---------------|------|--------------|------|--------------|------|-----------|------|----------|------|---------------|------|
| | <15 | | 15-19 | | 20-24 | | 25-29 | | 30-34 | | 35-39 | | 40-44 | | 45+ | | Unknown | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| Married | 5 | 3.9 | 1,168 | 17.4 | 7,196 | 46.5 | 10,810 | 69.6 | 9,903 | 80.9 | 4,402 | 81.2 | 852 | 79.6 | 43 | 82.7 | 3 | 37.5 | 34,382 | 60.7 |
| Single | 122 | 96.1 | 5,522 | 82.4 | 8,114 | 52.5 | 4,571 | 29.4 | 2,223 | 18.2 | 956 | 17.6 | 200 | 18.7 | 9 | 17.3 | 3 | 37.5 | 21,720 | 38.4 |
| Refused | 0 | 0 | 12 | 0.2 | 129 | 0.8 | 125 | 0.8 | 89 | 0.7 | 51 | 0.9 | 15 | 1.4 | 0 | 0 | 0 | 0 | 421 | 0.7 |
| Divorced | 0 | 0 | 1 | 0.0 | 16 | 0.1 | 13 | 0.1 | 18 | 0.1 | 9 | 0.2 | 1 | 0.1 | 0 | 0 | 0 | 0 | 58 | 0.1 |
| Unknown | 0 | 0 | 2 | 0.0 | 7 | 0.0 | 6 | 0.0 | 7 | 0.1 | 4 | 0.1 | 2 | 0.2 | 0 | 0 | 2 | 25.0 | 30 | 0.1 |
| Total | 127 | | 6,705 | | 15,462 | | 15,525 | | 12,240 | | 5,422 | | 1,070 | | 52 | | 8 | | 56,611 | |

Table 4.10 Number and Percent of Births by Educational Level and Age Group of Mother

| Educational Level of Mother | Age Group of Mother | | | | | | | | | | | | | | | | | | Total | |
|---|---------------------|------|--------------|------|---------------|------|---------------|------|---------------|------|--------------|------|--------------|------|-----------|------|----------|------|---------------|------|
| | <15 | | 15-19 | | 20-24 | | 25-29 | | 30-34 | | 35-39 | | 40-44 | | 45+ | | Unknown | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| <6 th Grade | 2 | 1.6 | 99 | 1.5 | 303 | 2.0 | 269 | 1.7 | 204 | 1.7 | 121 | 2.2 | 45 | 4.2 | 1 | 1.9 | 1 | 12.5 | 1,045 | 1.8 |
| 6 th -11 th Grade | 122 | 96.1 | 4,322 | 64.5 | 5,178 | 33.5 | 3,655 | 23.5 | 1,939 | 15.8 | 743 | 13.7 | 127 | 11.9 | 6 | 11.5 | 2 | 25.0 | 16,094 | 28.4 |
| HS Diploma | 0 | 0 | 1,816 | 27.1 | 5,638 | 36.5 | 4,009 | 25.8 | 2,405 | 19.6 | 1,126 | 20.8 | 205 | 19.2 | 5 | 9.6 | 3 | 37.5 | 15,207 | 26.9 |
| College+ | 0 | 0 | 347 | 5.2 | 4,012 | 25.9 | 7,290 | 47.0 | 7,448 | 60.8 | 3,289 | 60.7 | 649 | 60.7 | 27 | 51.9 | 0 | 0 | 23,062 | 40.7 |
| Unknown | 3 | 2.4 | 121 | 1.8 | 331 | 2.1 | 302 | 1.9 | 244 | 2.0 | 143 | 2.6 | 44 | 4.1 | 13 | 25.0 | 2 | 25.0 | 1,203 | 2.1 |
| Total | 127 | | 6,705 | | 15,462 | | 15,525 | | 12,240 | | 5,422 | | 1,070 | | 52 | | 8 | | 56,611 | |

Table 4.11 Trimester of First Prenatal Care by Age Group of Mother

| Trimester of First Prenatal Care | Age Group of Mother | | | | | | | | | | | | | | | | | | Total | |
|----------------------------------|---------------------|------|--------------|------|---------------|------|---------------|------|---------------|------|--------------|------|--------------|------|-----------|------|----------|------|---------------|------|
| | <15 | | 15-19 | | 20-24 | | 25-29 | | 30-34 | | 35-39 | | 40-44 | | 45+ | | Unknown | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| First | 63 | 49.6 | 4,375 | 65.2 | 11,479 | 74.2 | 12,725 | 82.0 | 10,557 | 86.3 | 4,624 | 85.3 | 918 | 85.8 | 39 | 75.0 | 4 | 50.0 | 44,784 | 79.1 |
| Second | 41 | 32.3 | 1,666 | 24.8 | 2,915 | 18.9 | 2,049 | 13.2 | 1,217 | 9.9 | 567 | 10.5 | 104 | 9.7 | 6 | 11.5 | 1 | 12.5 | 8,566 | 15.1 |
| Third | 13 | 10.2 | 408 | 6.1 | 619 | 4.0 | 450 | 2.9 | 255 | 2.1 | 127 | 2.3 | 28 | 2.6 | 5 | 9.6 | 0 | 0 | 1,905 | 3.4 |
| None | 8 | 6.3 | 188 | 2.8 | 348 | 2.3 | 219 | 1.4 | 143 | 1.2 | 79 | 1.5 | 13 | 1.2 | 2 | 3.8 | 0 | 0 | 1,000 | 1.8 |
| Unknown | 2 | 1.6 | 68 | 1.0 | 101 | 0.7 | 82 | 0.5 | 68 | 0.6 | 25 | 0.5 | 7 | 0.7 | 0 | 0 | 3 | 37.5 | 356 | 0.6 |
| Total | 127 | | 6,705 | | 15,462 | | 15,525 | | 12,240 | | 5,422 | | 1,070 | | 52 | | 8 | | 56,611 | |

Maricopa County 2002 Natality (Birth) Statistics

Table 4.12 Number and Percent of Prenatal Care Visits by Age Group of Mother

| Number of Prenatal Care Visits | Age Group of Mother | | | | | | | | | | | | | | | | | | Total | |
|--------------------------------|---------------------|------|-------|------|--------|------|--------|------|--------|------|-------|------|-------|------|-----|------|---------|------|--------|------|
| | <15 | | 15-19 | | 20-24 | | 25-29 | | 30-34 | | 35-39 | | 40-44 | | 45+ | | Unknown | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| None | 8 | 6.3 | 188 | 2.8 | 348 | 2.3 | 219 | 1.4 | 143 | 1.2 | 79 | 1.5 | 13 | 1.2 | 2 | 3.8 | 0 | 0 | 1,000 | 1.8 |
| 1 to 4 | 7 | 5.5 | 363 | 5.4 | 638 | 4.1 | 453 | 2.9 | 255 | 2.1 | 136 | 2.5 | 29 | 2.7 | 4 | 7.7 | 0 | 0 | 1,885 | 3.3 |
| 5 to 8 | 29 | 22.8 | 1,279 | 19.1 | 2,211 | 14.3 | 1,847 | 11.9 | 1,195 | 9.8 | 548 | 10.1 | 122 | 11.4 | 7 | 13.5 | 1 | 12.5 | 7,239 | 12.8 |
| 9 to 12 | 44 | 34.6 | 2,545 | 38.0 | 6,618 | 42.8 | 7,098 | 45.7 | 5,919 | 48.4 | 2,521 | 46.5 | 479 | 44.8 | 24 | 46.2 | 2 | 25.0 | 25,250 | 44.6 |
| 13 to 16 | 30 | 23.6 | 1,976 | 29.5 | 4,723 | 30.5 | 4,877 | 31.4 | 3,824 | 31.2 | 1,650 | 30.4 | 314 | 29.3 | 11 | 21.2 | 2 | 25.0 | 17,407 | 30.7 |
| 17 or More | 4 | 3.1 | 227 | 3.4 | 642 | 4.2 | 750 | 4.8 | 700 | 5.7 | 375 | 6.9 | 95 | 8.9 | 4 | 7.7 | 0 | 0 | 2,797 | 4.9 |
| Unknown | 5 | 3.9 | 127 | 1.9 | 282 | 1.8 | 281 | 1.8 | 204 | 1.7 | 113 | 2.1 | 18 | 1.7 | 0 | 0 | 3 | 37.5 | 1,033 | 1.8 |
| Total | 127 | | 6,705 | | 15,462 | | 15,525 | | 12,240 | | 5,422 | | 1,070 | | 52 | | 8 | | 56,611 | |

**Table 4.13 Adequacy of Prenatal Care by Age Group of Mother
Singleton Births Only**

| Adequacy of Prenatal Care | Age Group of Mother | | | | | | | | | | | | | | | | | | Total | |
|---------------------------|---------------------|------|-------|------|--------|------|--------|------|--------|------|-------|------|-------|------|-----|------|---------|------|--------|------|
| | <15 | | 15-19 | | 20-24 | | 25-29 | | 30-34 | | 35-39 | | 40-44 | | 45+ | | Unknown | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| Inadequate | 52 | 40.9 | 1,568 | 23.7 | 2,583 | 17.1 | 1,765 | 11.7 | 1,017 | 8.6 | 487 | 9.4 | 96 | 9.7 | 9 | 20.5 | 1 | 12.5 | 7,578 | 13.8 |
| Intermediate | 10 | 7.9 | 721 | 10.9 | 1,491 | 9.9 | 1,528 | 10.1 | 1,107 | 9.4 | 483 | 9.4 | 91 | 9.2 | 3 | 6.8 | 2 | 25.0 | 5,436 | 9.9 |
| Adequate | 30 | 23.6 | 2,235 | 33.8 | 6,118 | 40.4 | 6,948 | 45.9 | 5,858 | 49.8 | 2,491 | 48.3 | 445 | 44.9 | 16 | 36.4 | 0 | 0 | 24,141 | 43.9 |
| Adequate Plus | 30 | 23.6 | 1,934 | 29.3 | 4,636 | 30.6 | 4,618 | 30.5 | 3,580 | 30.4 | 1,585 | 30.8 | 343 | 34.6 | 16 | 36.4 | 2 | 25.0 | 16,744 | 30.5 |
| Information Missing | 5 | 3.9 | 147 | 2.2 | 305 | 2.0 | 279 | 1.8 | 199 | 1.7 | 108 | 2.1 | 17 | 1.7 | 0 | 0 | 3 | 37.5 | 1,063 | 1.9 |
| Total | 127 | | 6,605 | | 15,133 | | 15,138 | | 11,761 | | 5,154 | | 992 | | 44 | | 8 | | 54,962 | |

Maricopa County 2002 Natality (Birth) Statistics

Table 4.14 Birthweight of Infant by Age Group of Mother

| Birthweight of Infant | Age Group of Mother | | | | | | | | | | | | | | | | | | Total | |
|-----------------------|---------------------|------|-------|------|--------|------|--------|------|--------|------|-------|------|-------|------|-----|------|---------|------|--------|------|
| | <15 | | 15-19 | | 20-24 | | 25-29 | | 30-34 | | 35-39 | | 40-44 | | 45+ | | Unknown | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| <1500 Grams | 4 | 3.1 | 87 | 1.3 | 156 | 1.0 | 169 | 1.1 | 152 | 1.2 | 83 | 1.5 | 20 | 1.9 | 2 | 3.8 | 0 | 0 | 673 | 1.2 |
| 1500-2499 Grams | 6 | 4.7 | 440 | 6.6 | 859 | 5.6 | 712 | 4.6 | 646 | 5.3 | 364 | 6.7 | 93 | 8.7 | 7 | 13.5 | 0 | 0 | 3,127 | 5.5 |
| 2500-4249 Grams | 115 | 90.6 | 6,059 | 90.4 | 14,065 | 91.0 | 14,033 | 90.4 | 10,924 | 89.2 | 4,694 | 86.6 | 901 | 84.2 | 43 | 82.7 | 7 | 87.5 | 50,841 | 89.8 |
| >4249 Grams | 2 | 1.6 | 117 | 1.7 | 379 | 2.5 | 608 | 3.9 | 514 | 4.2 | 278 | 5.1 | 55 | 5.1 | 0 | 0 | 0 | 0 | 1,953 | 3.4 |
| Unknown | 0 | 0 | 2 | 0.0 | 3 | 0.0 | 3 | 0.0 | 4 | 0.0 | 3 | 0.1 | 1 | 0.1 | 0 | 0 | 1 | 12.5 | 17 | 0.0 |
| Total | 127 | | 6,705 | | 15,462 | | 15,525 | | 12,240 | | 5,422 | | 1,070 | | 52 | | 8 | | 56,611 | |

Table 4.15 Preterm Births (Less than 37 Weeks Gestation) by Age Group of Mother

| Gestational Estimate | Age Group of Mother | | | | | | | | | | | | | | | | | | Total | |
|----------------------|---------------------|------|-------|------|--------|------|--------|------|--------|------|-------|------|-------|------|-----|------|---------|------|--------|------|
| | <15 | | 15-19 | | 20-24 | | 25-29 | | 30-34 | | 35-39 | | 40-44 | | 45+ | | Unknown | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| <37 Weeks Gestation | 16 | 12.6 | 696 | 10.4 | 1,547 | 10.0 | 1,476 | 9.5 | 1,277 | 10.4 | 666 | 12.3 | 188 | 17.6 | 11 | 21.2 | 0 | 0 | 5,877 | 10.4 |
| ≥37 Weeks Gestation | 111 | 87.4 | 6,007 | 89.6 | 13,907 | 89.9 | 14,040 | 90.4 | 10,956 | 89.5 | 4,754 | 87.7 | 882 | 82.4 | 39 | 75.0 | 7 | 87.5 | 50,703 | 89.6 |
| Unknown | 0 | 0 | 2 | 0.0 | 8 | 0.1 | 9 | 0.1 | 7 | 0.1 | 2 | 0.0 | 0 | 0 | 2 | 3.8 | 1 | 12.5 | 31 | 0.1 |
| Total | 127 | | 6,705 | | 15,462 | | 15,525 | | 12,240 | | 5,422 | | 1,070 | | 52 | | 8 | | 56,611 | |

V. Technical Notes

Population Statistics

Population statistics are shown in Tables **1.01** and **1.02**. This report used the most recent U.S. Census data and estimates for population figures at the time of analysis.

- The Maricopa County population is from the U.S. Census Bureau, County Population Estimates by Age, Sex, Race and Hispanic Origin for July 1, 2005, released August 4, 2006. This is at <http://www.census.gov/popest/counties/files/CO-EST2005-ALLDATA.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 2002. 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.

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.

| 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) |
| 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 **2.11**. 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, 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/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.

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 cleaning, duplicate mortality records were identified. One duplicated record has been deleted from the mortality records in 2002. As a result of this deletion, 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** 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. Therefore, it is advisable to examine the raw number of cases or deaths, in addition to the rates.

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 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).

Tables **2.01b**, **2.02b**, **2.03b**, **2.04b**, **2.06b**, and **2.07b** do not provide a rate for the categories labeled "Unknown Age" 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" or "unknown race/ethnicity."

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 **5.2** 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.

For Tables **2.03b**, **2.04b**, and **2.05b**, prostate cancer rates are calculated among men only (using only male residents in the denominator), and uterine & ovarian cancer rates are calculated among women only (using only female residents as the denominator). In all other tables, and for all other diseases, the total population is used for the denominator for both conditions.

Table 5.2 ICD-10 Codes Used for This Report

| Cause | ICD-10 Codes Used (2001-2005) |
|--|--|
| Tuberculosis | A16-A19 |
| Syphilis | A50-A53 |
| HIV Disease | B20-B24 |
| Malignant Neoplasms (Cancer) | C00-C97 |
| Malignant Neoplasm of the Stomach | C16 |
| Malignant Neoplasm of the Colon | C18-C21 |
| Malignant Neoplasm of the Pancreas | C25 |
| Malignant Neoplasm of Bronchus, Lung, or Trachea | C33-C34 |
| Malignant Neoplasm of the Breast | C50 |
| Malignant Neoplasm of the Uterus, Cervix, Ovary | C53-C56 |
| Malignant Neoplasm of the Prostate | C61 |
| Malignant Neoplasm of Urinary Organs | C64-C68 |
| 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 |
| Diabetes | E10-E14 |
| Alzheimer's | G30 |
| Major Cardiovascular Disease | I00-I78 |
| Disease of Heart | I00-I09, I11, I13, I20-I51 |
| Hypertensive Heart Disease | I11, I13 |
| Ischemic Heart Disease | I20-I25 |
| Other Heart Disease | I00-I09, I26-I51 |
| Primary Hypertension | I10, I12 |
| Cerebrovascular Diseases | I60-I69 |
| Atherosclerosis | I70 |
| Other Circulatory | I71-I78 |
| Influenza & Pneumonia | J10-J18 |
| Chronic Lower Respiratory | J40-J47 |
| Peptic Ulcer | K25-K28 |
| Liver Disease, including chronic liver disease, cirrhosis, alcoholic liver disease, and other chronic liver disease | K70, K73-K74 |
| Nephritis, nephritic syndrome and nephrosis | N00-N07, N17-N19, N25-N27 |
| Pregnancy, childbirth, and the puerperium | O00-O99 |
| Perinatal Conditions | P00-P96 |
| Congenital Malformations | Q00-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 |

(Table Continues)

(Table 5.2, Continued)

| Cause | ICD-10 Codes Used (2001-2005) |
|---------------------------------------|---|
| 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 |
| 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 | 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 | 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 **3.01a** through **3.03b**. Any morbidity rate except for Streptococcal Group B Invasive disease 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** and **1.02**. 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, MCDPH Health Status Reports show 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 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 can change somewhat over time. Hepatitis C data for 2002 used in this report

were generated on October 31, 2006 for confirmed, acute and chronic, physician-reported 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 acute cases from ADHS.

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 October 27, 2006 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 February 23, 2006.

Morbidity data include only confirmed cases, with the exception of 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. 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 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. This may differ somewhat from other reports that include only certain types of encephalitides.

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.

Nativity (Birth) Statistics

Nativity (birth) statistics are shown in Tables **4.01** through **4.15**.

In the course of routine data cleaning, duplicate natality records were identified. Two duplicated records have been deleted from the natality records in 2002. As a result of these deletions, the numbers presented in this report may not match those presented by ADHS for Maricopa County.

The natality percentages 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 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.

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 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.

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.

- 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 NCHS²:

- Birth or Live Birth – 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.
- Birth Rate – Number of live births during a calendar year per 1,000 population.
- 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.
- 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).

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: www.de.state.az.us

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