Summary for the Community Health Assessment
# Table of Contents

Section 1. Demographics .......................................................................................................................................................................

Population .................................................................................................................................................................................... 6

Age Distribution and Median Age ............................................................................................................................................... 7

Race and Ethnicity ......................................................................................................................................................................... 8

Education and Language ............................................................................................................................................................. 9

Economy ....................................................................................................................................................................................... 10

Section 2. Mortality Data ............................................................................................................................................................. 13

Age-Adjusted Leading Cause of Death .................................................................................................................................. 13

Age-Specific Leading Cause of Death ..................................................................................................................................... 14

Cancer ........................................................................................................................................................................................... 18

Heart Disease and Stroke ........................................................................................................................................................ 21

Respiratory Disease .................................................................................................................................................................... 22

Injury and Violence ..................................................................................................................................................................... 23

Section 3. Morbidity Data ........................................................................................................................................................... 28

Diabetes and Obesity ................................................................................................................................................................. 28

Asthma .................................................................................................................................................................................................. 30

Cancer .................................................................................................................................................................................................. 31

Section 4. Health Risk Behaviors ........................................................................................................................................... 33

Physical Activity .......................................................................................................................................................................... 33

Sexual Behavior ............................................................................................................................................................................. 34

Substance Abuse ........................................................................................................................................................................ 35

Tobacco Use ............................................................................................................................................................................... 39

Behavioral Health Services ....................................................................................................................................................... 41

Dental Health and Hygiene ........................................................................................................................................................ 42

Preventive Health Services ...................................................................................................................................................... 43

Section 5. Communicable Diseases ........................................................................................................................................ 45

Hepatitis A .................................................................................................................................................................................... 45

Meningococcal ............................................................................................................................................................................. 46

Tuberculosis ................................................................................................................................................................................ 47

HIV/AIDS .................................................................................................................................................................................... 48

Childhood Vaccinations ............................................................................................................................................................ 49

Section 6. Maternal and Child Health ...................................................................................................................................... 51
APPENDIX A – Pima County Health Status Compendium
Updated: 8/12/13

Methodology:

Data in this report were compiled from a variety of publically available resources including: the Arizona Health Status and Vital Statistics Report from the Arizona Department of Health Services (ADHS), the Behavioral Risk Factor Surveillance System (BRFFS) and Youth Risk Behavior Surveillance System (YRBSS) reports from the Centers for Disease Control and Prevention (CDC), the Arizona Youth Survey from the Arizona Criminal Justice Commission, and the U.S. Census Bureau. Data for maps were obtained from the 2011 Pima County Statistical Profiles of Primary Care Areas. Preliminary data for the childhood vaccine exemption were obtained internally from the Pima County Health Department (PCHD). If available, data were compiled to assess for trends in Pima County over a five year period. Pima County data were compared to Arizona data and Healthy People 2010 and 2020 goals. The most current data available were used in this report.
SECTION 1. DEMOGRAPHICS
Section 1. Demographics

Population

As of 2011 population estimates, Pima County has a total population of 989,569 residents. The population percent change from April 1, 2010 to July 1, 2011 was 0.9%.  

Map 1.1: Pima County Primary Care Areas by Population Density (2011)² ²

---

¹ Primary Care Area Statistical Profiles describe areas in Arizona where the local residences primarily obtain their health care. Statistical Profiles on these areas are revised annually by Arizona Department of Health Services and provide detailed information on the Demographics, Resources, Hospital Utilization, Health Status and Area Description with a map for each Primary Care Area (PCA). All maps in this report utilize PCAs.

² Pima County has 18 PCAs including: Ajo, Arivaca, Catalina, Continental, Green Valley, Marana, Pascua Yaqui Tribe, Tanque Verde, Tohono O’Odham Nation, Tucson Central, Tucson East, Tucson East Central, Tucson North Central, Tucson Northeast, Tucson Northwest, Tucson Southeast, Tucson Southwest and Tucson West.
Age Distribution and Median Age

Graph 1.2: Pima County Population by Age Distribution (2011)

- The median age of the total population of Pima County is 37.7 years.
- The median age of the male population is 36.2 years.
- The median age of the female population is 39.1 years.
Race and Ethnicity

Graph 1.3: Pima County Population by Race (2011)

- White: 74.3%
- Black or African American: 3.7%
- American Indian and Alaska Native: 3.5%
- Native Hawaiian and Other Pacific Islander: 3.3%
- Two or More Races: 2.6%
- Other: 0.2%
- Asian: 3.8%

Graph 1.4: Pima County Population by Ethnicity (2011)

- Hispanic or Latino: 34.6%
- Not Hispanic or Latino: 65.4%
Education and Language

Graph 1.5: Pima County Population (25 years and older) by Educational Attainment (2011)\(^\text{i}\)

- 28.3% of Pima County residents speak another language other than English at home.
- 5% of Pima County households are linguistically isolated, meaning that every household member aged 14 and older has some difficulty speaking English.
Economy

Map 1.6: Pima County Primary Care Areas by Population Below 100% of Poverty (2011)

Map 1.7: Pima County Primary Care Areas by Population Below 200% of Poverty (2011)
Map 1.8: Pima County Primary Care Areas by Percent of Children under 12 Years of Age in Poverty (2011)

Map 1.9: Pima County Primary Care Areas by Percent of Unemployment (2011)
SECTION 2: MORTALITY DATA
Section 2. Mortality Data

Age-Adjusted Leading Cause of Death

In 2010, the leading cause of death among Pima County residents was malignant neoplasms (cancer); however, males had a higher rate (192.2 per 100,000 population) than females (129.3 per 100,000 population). More Pima County residents died from lung cancer than any other type of cancer at a rate of 35.9/100,000 population. When comparing the leading causes of death between males and females in Pima County, males were more likely to die from firearm injury, alcohol and suicide than females. Females were more likely to die from Alzheimer’s, influenza and pneumonia, and chronic liver disease and cirrhosis than males.

Table 2.1: Leading Cause of Death in Pima County, 2010 (Female)iii

<table>
<thead>
<tr>
<th>Rank</th>
<th>Cause of Death</th>
<th>Rate*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Malignant neoplasms</td>
<td>129.3</td>
</tr>
<tr>
<td>2</td>
<td>Diseases of the heart</td>
<td>118.3</td>
</tr>
<tr>
<td>3</td>
<td>Chronic lower respiratory diseases</td>
<td>38.6</td>
</tr>
<tr>
<td>4</td>
<td>Cerebrovascular diseases</td>
<td>36.1</td>
</tr>
<tr>
<td>5</td>
<td>Accidents (unintentional injury)</td>
<td>31.5</td>
</tr>
<tr>
<td>6</td>
<td>Alzheimer’s disease</td>
<td>20.9</td>
</tr>
<tr>
<td>7</td>
<td>Drug-induced deaths</td>
<td>17.5</td>
</tr>
<tr>
<td>8</td>
<td>Diabetes</td>
<td>16.6</td>
</tr>
<tr>
<td>9</td>
<td>Influenza and pneumonia</td>
<td>13.7</td>
</tr>
<tr>
<td>10</td>
<td>Chronic liver disease and cirrhosis</td>
<td>12.0</td>
</tr>
</tbody>
</table>

*per 100,000 population age adjusted to the 2000 U.S. standard

Table 2.2: Leading Cause of Death in Pima County, 2010 (Male)iii

<table>
<thead>
<tr>
<th>Rank</th>
<th>Cause of Death</th>
<th>Rate*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Malignant neoplasms</td>
<td>192.2</td>
</tr>
<tr>
<td>2</td>
<td>Diseases of the heart</td>
<td>171.1</td>
</tr>
<tr>
<td>3</td>
<td>Accidents (unintentional injury)</td>
<td>54.7</td>
</tr>
<tr>
<td>4</td>
<td>Chronic lower respiratory diseases</td>
<td>51.2</td>
</tr>
<tr>
<td>5</td>
<td>Cerebrovascular diseases</td>
<td>30.4</td>
</tr>
<tr>
<td>6</td>
<td>Intentional self-harm (suicide)</td>
<td>30.0</td>
</tr>
<tr>
<td>7</td>
<td>Injury by firearm</td>
<td>28.7</td>
</tr>
<tr>
<td>8</td>
<td>Drug-induced death</td>
<td>25.4</td>
</tr>
<tr>
<td>9</td>
<td>Diabetes</td>
<td>24.6</td>
</tr>
<tr>
<td>10</td>
<td>Alcohol induced death</td>
<td>18.7</td>
</tr>
</tbody>
</table>

*per 100,000 population age adjusted to the 2000 U.S. standard

Table 2.3: Leading Cause of Death in Pima County, 2010 (Total Population)iii

<table>
<thead>
<tr>
<th>Rank</th>
<th>Cause of Death</th>
<th>Rate*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Malignant neoplasms</td>
<td>156.1</td>
</tr>
<tr>
<td>2</td>
<td>Diseases of the heart</td>
<td>143.0</td>
</tr>
<tr>
<td>3</td>
<td>Chronic lower respiratory diseases</td>
<td>43.9</td>
</tr>
<tr>
<td>4</td>
<td>Accidents (unintentional injury)</td>
<td>42.8</td>
</tr>
<tr>
<td>5</td>
<td>Cerebrovascular diseases</td>
<td>34.0</td>
</tr>
<tr>
<td>6</td>
<td>Drug-induced death</td>
<td>21.4</td>
</tr>
<tr>
<td>7</td>
<td>Diabetes</td>
<td>20.2</td>
</tr>
<tr>
<td>8</td>
<td>Alzheimer’s disease</td>
<td>19.3</td>
</tr>
<tr>
<td>9</td>
<td>Intentional self-harm (suicide)</td>
<td>16.9</td>
</tr>
<tr>
<td>10</td>
<td>Injury by firearm</td>
<td>16.0</td>
</tr>
</tbody>
</table>

*per 100,000 population age adjusted to the 2000 U.S. standard
Age-Specific Leading Cause of Death

Map 2.4: Pima County Primary Care Areas by Infant Mortality, Age less than 1 year (2002-2011)ii

Map 2.5: Pima County Primary Care Areas by Child Mortality, Age 1-14 (2002-2011)ii
Map 2.6: Pima County Primary Care Areas by Adolescent Mortality, Age 15-19 (2002-2011)

Map 2.7: Pima County Primary Care Areas by Young Adult Mortality, Age 20-40 (2002-2011)
Map 2.8: Pima County Primary Care Areas by Mid Age Mortality, Age 45-64 (2002-2011)

Map 2.9: Pima County Primary Care Areas by Elderly Mortality, Age 65-84 (2002-2011)
Map 2.10: Pima County Primary Care Areas by Elderly Mortality, Older than 85 years old (2002-2011)
Cancer

Graph 2.11: Overall Age-adjusted Cancer Death Rate by Year (2006-2010)³ iv

Graph 2.12: Age-adjusted Lung Cancer Death Rate by Year (2006-2010)⁴v

³ Graphs within this report titled “age-adjusted” are age adjusted to 2000 U.S. standard.
Graph 2.13: Age-adjusted Breast Cancer Death Rate by Year (2006-2010)iv

Graph 2.14: Age-adjusted Colorectal Cancer Death Rate by Year (2006-2010)iv
Graph 2.15: Age-adjusted Prostate Cancer Death Rate by Year (2006-2010)

Graph 2.16: Age-adjusted Cervical Cancer Death Rate by Year (2007-2011)
Heart Disease and Stroke

Graph 2.16: Age-adjusted Coronary Heart Disease Death Rate by Year (2006-2010)\textsuperscript{iv}

Graph 2.17: Age-adjusted Stroke Death Rate by Year (2006-2010)\textsuperscript{iv}
Respiratory Disease

Graph 2.18: Chronic Lower Respiratory Disease Death Rate among Adults Aged 45 Years and Older by Year (2006-2010)
Injury and Violence

Graph 2.19: Age-adjusted Firearm-related Death Rate by Year (2006-2010)

Graph 2.20: Age-adjusted Unintentional Injury Death Rate by Year (2006-2010)
Graph 2.21: Age-adjusted Motor Vehicle Death Rate by Year (2006-2010)iv

Graph 2.22: Age-adjusted Homicide Rate by Year (2006-2010)iv
Graph 2.23: Age-Adjusted Suicide Rate by Year (2006-2010)iv

Graph 2.24: Suicide Rate among Adolescents Aged 15 to 19 Years by Year (2006-2010)iv
Diabetes

Graph 2.25: Age-adjusted Diabetes-related Death Rate by Year (2006-2010)\textsuperscript{IV}

![Graph showing age-adjusted diabetes-related death rate by year (2006-2010)].

- **Rate per 100,000**
- **Legend**:
  - Pima County
  - Arizona
  - Healthy People 2010
  - Healthy People 2020
SECTION 3: MORBIDITY DATA
Section 3. Morbidity Data

Diabetes and Obesity

Graph 3.1: Rate of Inpatient Discharges with Diabetes as first-listed Diagnosis by Year (2006-2010)\textsuperscript{iv}

Graph 3.2: Percent of Overweight Adults by Year (2006-2010)\textsuperscript{v}
Graph 3.3: Percent of Obese Adults by year (2006-2010)

Graph 3.4: Percent of Arizona Overweight and Obese High School Students by Year (2005-2011)

---

4 Pima County specific data are not available. Arizona data are only available every other year.
Asthma

Graph 3.5: Rate of Inpatient Discharges with Asthma as first-listed Diagnosis by Year (2006-2010)\textsuperscript{v}

\begin{figure}[h]
\centering
\includegraphics[width=\textwidth]{asthma_graph.png}
\end{figure}

\textsuperscript{v} Data last updated 2010.
Cancer

Graph 3.6: Incidence of Cervical Cancer by Year (2006-2010)\textsuperscript{xi}

\begin{table}
\centering
\begin{tabular}{|c|c|c|c|c|}
\hline
\hline
Pima County & 7.17 & 6.53 & 6.73 & 5.95 & 6.73 \\
Arizona & 7.43 & 7.8 & 6.9 & 7.06 & 6.79 \\
Healthy People 2020 & 7.1 & 7.1 & 7.1 & 7.1 & 7.1 \\
\hline
\end{tabular}
\end{table}

\textit{Healthy People 2010 goal not available for this objective.}
SECTION 4: HEALTH RISK BEHAVIORS
Section 4. Health Risk Behaviors

Physical Activity

Graph 4.1: Adults that Participated in Physical Activity (in the past month) by Year

Graph 4.2: Percent of Arizona High School Students that did not participate in at least 60 minutes of Physical Activity by Sex by Year (2009-2011)\(^5\)\(^6\)

---

\(^5\) Pima County specific data are not available. Arizona data are only available for 2009 and 2011.
Sexual Behavior

Graph 4.3: Rate of Gonorrhea Infection by Year (2006-2010) iv

Graph 4.4: Incidence of Primary and Secondary Syphilis by Year (2006-2010) iv
Substance Abuse

Graph 4.5: Age-adjusted Rate of Drug-induced Deaths by Year (2006-2010)

Graph 4.6: Age-adjusted Rate of Cirrhosis Deaths by Year (2006-2010)
Graph 4.7: Percentage of Adults Aged 18 Years and Older who report Binge Drinking in the Last 30 Days by Year (2006-2010)

Binge drinking is defined as males having five or more drinks on one occasion and females having four or more drinks on one occasion according to the Behavioral Risk factor Surveillance System.

Graph 4.8: Percentage of Youth Grades 8, 10, and 12 who report Drinking Alcohol in their Lifetime by Year (2006-2012)

Data are only available for even numbered years.
Graph 4.9: Percentage of Youth Grades 8, 10, and 12 who report Binge Drinking in the Past 30 Days by Year (2006-2012) viii

8 Data are only available for even numbered years. Binge drinking is defined as drinking 5 or more alcoholic drinks in a row. Healthy People indicators vary slightly from data available in the Arizona Youth Survey. Healthy People uses the ages of adolescents from 12 to 17 years as oppose to using grades.

Graph 4.10: Percentage of Youth Grades 8, 10, and 12 indicating Marijuana Use in the Past 30 Days by Year (2006-2012) viii

9 Data are only available for even numbered years. Healthy People indicators vary slightly from data available in the Arizona Youth Survey. Healthy People uses the ages of adolescents from 12 to 17 years as oppose to using grades.
Graph 4.11: Percentage of Youth Grades 8, 10, and 12 who report Methamphetamine Use in their Lifetime by Year (2006-2012)\textsuperscript{10, vii}

\textsuperscript{10} Data are only available for even numbered years.
Tobacco Use

Graph 4.12: Percentage of Youth Grades 8, 10, and 12 indicating Cigarette Use in the Past 30 days by Year (2006-2012)\textsuperscript{11}\textsuperscript{vii}

![Graph 4.12: Percentage of Youth Grades 8, 10, and 12 indicating Cigarette Use in the Past 30 days by Year (2006-2012)\textsuperscript{11}\textsuperscript{vii}]

Graph 4.13: Percentage of Youth Grades 8, 10, and 12 indicating Cigarette Use in their Lifetime by Year (2006-2012)\textsuperscript{12}\textsuperscript{vii}

![Graph 4.13: Percentage of Youth Grades 8, 10, and 12 indicating Cigarette Use in their Lifetime by Year (2006-2012)\textsuperscript{12}\textsuperscript{vii}]

\textsuperscript{11} Data are only available for even numbered years. \textit{Healthy People} indicators vary slightly from data available in the \textit{Arizona Youth Survey}. \textit{Healthy People} uses adolescents in grades 9 through 12 as oppose to using youth in grades 8, 10, and 12.

\textsuperscript{12} Data are only available for even numbered years.
Graph 4.14: Percentage of Adults aged 18 Years and Older who Smoke by Year (2006-2010)

- Pima County
- Arizona
- Healthy People 2010/2020
Behavioral Health Services

Graph 4.15: Rate of Mental Disorders by Hospital Inpatient Discharges and First-listed Diagnosis by Year (2006-2010)

---

An inpatient discharge occurs when a person who was admitted to a hospital leaves that hospital. A person who has been hospitalized more than once in a given calendar year will be counted multiple times as a discharge and included more than once in the hospital inpatient discharge data set; thus, the numbers in this report are for discharges, not persons. The data does not include Department of Defense, Indian Health Services, Veteran’s Administration or state licensed psychiatric hospitals.

Mental disorders include psychoses (drug psychoses, alcoholic psychosis, schizophrenia and manic-depressive psychosis), neurotic disorders (anxiety states, depression, personality disorders, drug dependence, nondependent abuse of drugs excluding alcohol and tobacco use, nondependent abuse of alcohol, and alcohol dependence syndrome), depression (not listed under neurotic depression and has no manic-depressive or other psychotic depressive features), and mental retardation.
Dental Health and Hygiene

Table 4.16: Pima County Third Graders Oral Health Data, 2012

<table>
<thead>
<tr>
<th>Tooth Decay</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Decay (Treated and Untreated)</td>
<td>66.0%</td>
</tr>
<tr>
<td>Untreated Decay</td>
<td>35.0%</td>
</tr>
<tr>
<td>Treated Decay</td>
<td>55.0%</td>
</tr>
<tr>
<td>Number of Teeth with Untreated Decay</td>
<td>0.9</td>
</tr>
<tr>
<td>Number of Teeth with Treated Decay</td>
<td>2.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sealants</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sealants Present</td>
<td>47.0%</td>
</tr>
<tr>
<td>Sealants Needed</td>
<td>80.0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dental Visit</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Urgent (needs dental visit within the next 24 hours)</td>
<td>6.0%</td>
</tr>
<tr>
<td>Early (needs dental visit within next several weeks)</td>
<td>30.0%</td>
</tr>
</tbody>
</table>
Preventive Health Services

Graph 4.16: Percent of Women with Pap Test in Past 3 Years by Year (2002-2010)\textsuperscript{15 xii}

<table>
<thead>
<tr>
<th>Year</th>
<th>Pima County</th>
<th>Arizona</th>
<th>Healthy People 2010</th>
<th>Healthy People 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>81.5%</td>
<td>80.7%</td>
<td>99.0%</td>
<td>93.0%</td>
</tr>
<tr>
<td>2004</td>
<td>83.1%</td>
<td>83.3%</td>
<td>99.0%</td>
<td>93.0%</td>
</tr>
<tr>
<td>2006</td>
<td>75.0%</td>
<td>79.6%</td>
<td>99.0%</td>
<td>93.0%</td>
</tr>
<tr>
<td>2008</td>
<td>72.5%</td>
<td>73.7%</td>
<td>99.0%</td>
<td>93.0%</td>
</tr>
<tr>
<td>2010</td>
<td>70.1%</td>
<td>67.5%</td>
<td>99.0%</td>
<td>93.0%</td>
</tr>
</tbody>
</table>

\textsuperscript{15} The questions regarding Pap tests are part of a series of questions asked every other year in the BRFSS questionnaire, on the even years. States have the option to include the questions in the odd years in which they are not in the standard questionnaire. For those states in those years that opt to include the questions, the estimates represent annual averages of a greater number of years. Estimates that end on an odd year are not provided through the Health Indicators Warehouse.

The BRFSS 2011 prevalence data should be considered a baseline year for data analysis and is not directly comparable to previous years of BRFSS data because of the changes in weighting methodology and the addition of the cell phone sampling frame, therefore no trend data is available.
SECTION 5. COMMUNICABLE DISEASES
Section 5. Communicable Diseases

Hepatitis A

Graph 5.1: Age-adjusted Rate of Hepatitis A by Year (2006-2010)^

[Graph showing the rate of Hepatitis A from 2006 to 2010 for Pima County, Arizona, Healthy People 2010, and Healthy People 2020.]
Meningococcal

Graph 5.2: Age-adjusted Rate of Meningococcal Disease by Year (2006-2010)\textsuperscript{iv}

[Graph showing the age-adjusted rate of meningococcal disease from 2006 to 2010 for Pima County, Arizona, Healthy People 2010, and Healthy People 2020]
Tuberculosis

Graph 5.3: Age-adjusted Rate of Tuberculosis by Year (2006-2010)\textsuperscript{iv}

Rate per 100,000

2006 2007 2008 2009 2010

Pima County Arizona Healthy People 2010/2020
HIV/AIDS

Graph 5.4: Age-adjusted Rate of HIV Deaths by Year (2006-2010)\textsuperscript{iv}

Graph 5.5: Age-adjusted Rate of New AIDS Cases by Year\textsuperscript{iv}
Childhood Vaccinations

Map 5.6: Pima County Primary Care Areas by Vaccine Exemptions at Child Care Centers, 2012

Legend
Vaccine Exemption at Childcare Centers (percentage)

- Interstates
- 0 - 2
- 3 - 5
- 6 - 8

Data collected by Pima County Health Department Vaccine Preventable Program. Data are preliminary and are not to be distributed.
SECTION 6. MATERNAL AND CHILD HEALTH
Section 6. Maternal and Child Health

Pregnancy and Prenatal Care

Graph 6.1: Proportion of Pregnant Women who Receive Prenatal Care in the First Trimester by Year (2006-2010)

Map 6.1: Pima County Primary Care Areas by Percentage of Pregnant Women who Receive Prenatal Care (2011)
Graph 6.2: Abstinence from Cigarette Smoking among Pregnant Women by Year (2006-2010)\textsuperscript{iv}

Graph 6.3: Pregnancies among Adolescent Females aged 15-17 Years by Year (2006-2010)\textsuperscript{iv}
Map 6.3: Pima County Primary Care Areas by Teen Births per 1,000 Females 14-19 Year Olds
Births

Graph 6.4: Birth Rate by Year (2006-2010)\textsuperscript{iv}

![Birth Rate by Year Graph](image)

Graph 6.5: Preterm Births by Year (2006-2010)\textsuperscript{iv}

![Preterm Births by Year Graph](image)

\textsuperscript{17} Preterm refers to less than 37 weeks gestation.
Graph 6.6: Low Birth Weight by Year (2006-2010)\textsuperscript{18 iv}

Map 6.6: Pima County Primary Care Areas by Low-Weight Births per 1,000 Live Births (2011)\textsuperscript{ii}

\textsuperscript{18} Low Birth Weight (LBW) refers to any neonate weighing less than 2,500 grams at birth.
Graph 6.7: Very Low Birth Weight by Year (2006-2010)\textsuperscript{19 iv}

\textsuperscript{19} Very Low Birth Weight (VLBW) refers to any neonate whose weight at birth is 1,500 grams or less.
Fetal and Infant Mortality

Graph 6.8: Fetal Deaths at 20 or More Weeks of Gestation by Year (2006-2010)$^{20}$

Graph 6.9: Fetal and Infant Deaths during the Perinatal Period by Year (2006-2010)$^{21}$

$^{20}$ Includes spontaneous and induced termination of pregnancy at 20 or more weeks of gestation or if gestational age is unknown, the deaths of fetuses of at least 350 grams or more.

$^{21}$ The perinatal period is 28 weeks of gestation to 7 days after birth.
Graph 6.10: Infant Deaths by Year (2006-2010)\textsuperscript{22} iv

Any death at any time from birth up to, but not including, the first year of age.

Graph 6.11: Neonatal Deaths by Year (2006-2010)\textsuperscript{23} iv

Death of a live born neonate before the neonate becomes 28 days old.
Graph 6.12: Postneonatal Deaths by Year (2006-2010)\textsuperscript{24}\textsuperscript{iv}

\textsuperscript{24} Any death of a live born infant at least 28 days of age but less than one year of age.
SECTION 7. ISSUES RELATED TO AGING
Section 7. Issues Related to Aging

Social Characteristics

- The percentage of households with one or more individuals 65 years and over: 27.9% (Arizona: 26.2%)
- The percentage of grandparents responsible for their grandchildren: 43.2% (Arizona: 40.7%)

Disability

- The percentage of the population 65 years and older with a disability: 34.6% (Arizona 33.6%)

Table 7.1: Percentage of Elderly population (65 Years and Older) with Disabilities by Type

<table>
<thead>
<tr>
<th>Disability Type</th>
<th>Pima (%)</th>
<th>Arizona (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hearing difficulty</td>
<td>15.9</td>
<td>15.0</td>
</tr>
<tr>
<td>Vision difficulty</td>
<td>7.1</td>
<td>6.4</td>
</tr>
<tr>
<td>Cognitive difficulty</td>
<td>8.6</td>
<td>8.2</td>
</tr>
<tr>
<td>Ambulatory difficulty</td>
<td>22.0</td>
<td>21.3</td>
</tr>
<tr>
<td>Self-care difficulty</td>
<td>7.8</td>
<td>7.0</td>
</tr>
<tr>
<td>Independent living difficulty</td>
<td>14.7</td>
<td>13.1</td>
</tr>
</tbody>
</table>

Leading Causes of Death

Table 7.2 Leading Causes of Death among Elderly (65 Years and Older) in Pima County, 2010

<table>
<thead>
<tr>
<th>Rank</th>
<th>Cause of Death</th>
<th>Rate*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Disease of the heart</td>
<td>919.4</td>
</tr>
<tr>
<td>2</td>
<td>Malignant neoplasms</td>
<td>887.0</td>
</tr>
<tr>
<td>3</td>
<td>Chronic lower respiratory diseases</td>
<td>312.0</td>
</tr>
<tr>
<td>4</td>
<td>Alzheimer’s disease</td>
<td>155.3</td>
</tr>
<tr>
<td>5</td>
<td>Diabetes</td>
<td>109.1</td>
</tr>
<tr>
<td>6</td>
<td>Influenza and pneumonia</td>
<td>100.5</td>
</tr>
<tr>
<td>7</td>
<td>Accident (unintentional injury)</td>
<td>91.2</td>
</tr>
<tr>
<td>8</td>
<td>Parkinson’s disease</td>
<td>66.1</td>
</tr>
<tr>
<td>9</td>
<td>Nephritis, nephrotic syndrome and nephrosis</td>
<td>64.1</td>
</tr>
<tr>
<td>10</td>
<td>Septicemia</td>
<td>41.6</td>
</tr>
</tbody>
</table>

*per 100,000 elderly 65 years and older
Alzheimer’s disease

Graph 7.3: Age-adjusted Rate of Alzheimer’s Deaths by Year (2006-2010)iv

Graph 7.4: Rate of Alzheimer’s Death among Elderly (65 Years and Older) by Year (2006-2010)iv
Accidents (Falls)

Graph 7.5: Age-adjusted Death Rate from Falls by Year (2006-2010)"
Graph 7.6: Suicide Rate among Elderly (65 Years and Older) by Year (2006-2010)\textsuperscript{iv}

![Graph showing Suicide Rate among Elderly (65 Years and Older) by Year (2006-2010)](image-url)
SECTION 8. ACCESS TO CARE
Section 8. Access to Care

Insurance Coverage

Graph 8.1: Pima County Adults with Health Insurance, Three-Year Estimates (2009-2011)\textsuperscript{ix}

Graph 8.2: Pima County Children (Under 18 Years) with Health Insurance, Three-Year Estimates (2009-2011)\textsuperscript{ix}
Transportation Score

Map 8.3: Pima County Primary Care Areas by Transportation Score (2011)\textsuperscript{25 ii}

- Transportation Score for Pima County: 95
- Transportation Score for Arizona: 135

\textsuperscript{25} The transportation score is comprised of these 6 indicators: percent of population with annual income less than 100\% of FPL, percent of population older than 65 years of age, percent of population younger than 14 year of age, percent of population with work disability, mobility limitation or self-care limitation, percent of population without a vehicle, and noncommercial vehicle-to-population ratio. The higher the score, the less adequate or greater the need for transportation.
Urgent Care and ED Usage

Map 8.4: Pima County Primary Care Areas by Ambulatory Care Sensitive Conditions (2011)

- Ambulatory Care Sensitive Conditions rate for Pima County (2011): 42.3
- Ambulatory Care Sensitive Conditions rate for Arizona (2011): 44.7

---

26 Ambulatory care-sensitive conditions (ACSC) are conditions that could have been prevented or reduced in severity had patients been treated through outpatient care facilities. The greatest incidence of these conditions was found in rural areas of Pima County and in areas of low social economic status.

27 ASCS are measured per 1000 residents under the age of 65 years.
Provider to Population

Map 8.5: Pima County Primary Care Areas by Provider to Population Ratio (2011)
References


