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# **HEALTH STATUS PROFILE OF AMERICAN INDIANS IN ARIZONA: 2014 DATA BOOK**

by

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# HEALTH STATUS PROFILE OF AMERICAN INDIANS IN ARIZONA 2014 DATA BOOK

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## INTRODUCTION

The report *Health Status Profile of American Indians in Arizona: 2014 Data Book* is the annual update of population-level data on trends and patterns in natality and mortality among American Indians who were residents of specified tribal communities on reservations, and those who resided off reservation in Arizona in 2014.

American Indian births are determined by mother's race as indicated on a birth certificate, that is, these are the births to American Indian mothers. American Indian deaths are determined by decedent's race as stated on the death certificate.

The charts and tables comprising the 2014 *Health Status Profile of American Indians in Arizona* are grouped into five major sections:

- 1) a summary risk profile of American Indian residents of Arizona in 2014 on 65 indicators or measures of health status,
- 2) a comparison of American Indians' standing in Arizona with respect to selected health objectives for the years 2010 and 2020,
- 3) a section presenting trend data for 2004-2014 for selected health problems and health risks comparing American Indians to Arizona's entire population,
- 4) a four-part section concerned with the characteristics of American Indian newborns and mothers giving birth,
- 5) a three-part section focused on patterns of cause-specific mortality among American Indians by age group, gender, and place of residence in Arizona in 2014. Beginning with the 2006 report, it also includes additional statistics on "Comparative Cause-Specific Mortality" focused on leading causes of death by gender and residence status on or off reservation, as well as patterns in cancer mortality and proportional mortality from specific unintentional injuries.

These sections are followed by the **Technical Notes**, which provide information about the sources of data and definitions of terms used in the report. The causes of death for 2004-2014 are classified by the Tenth Revision (ICD-10).

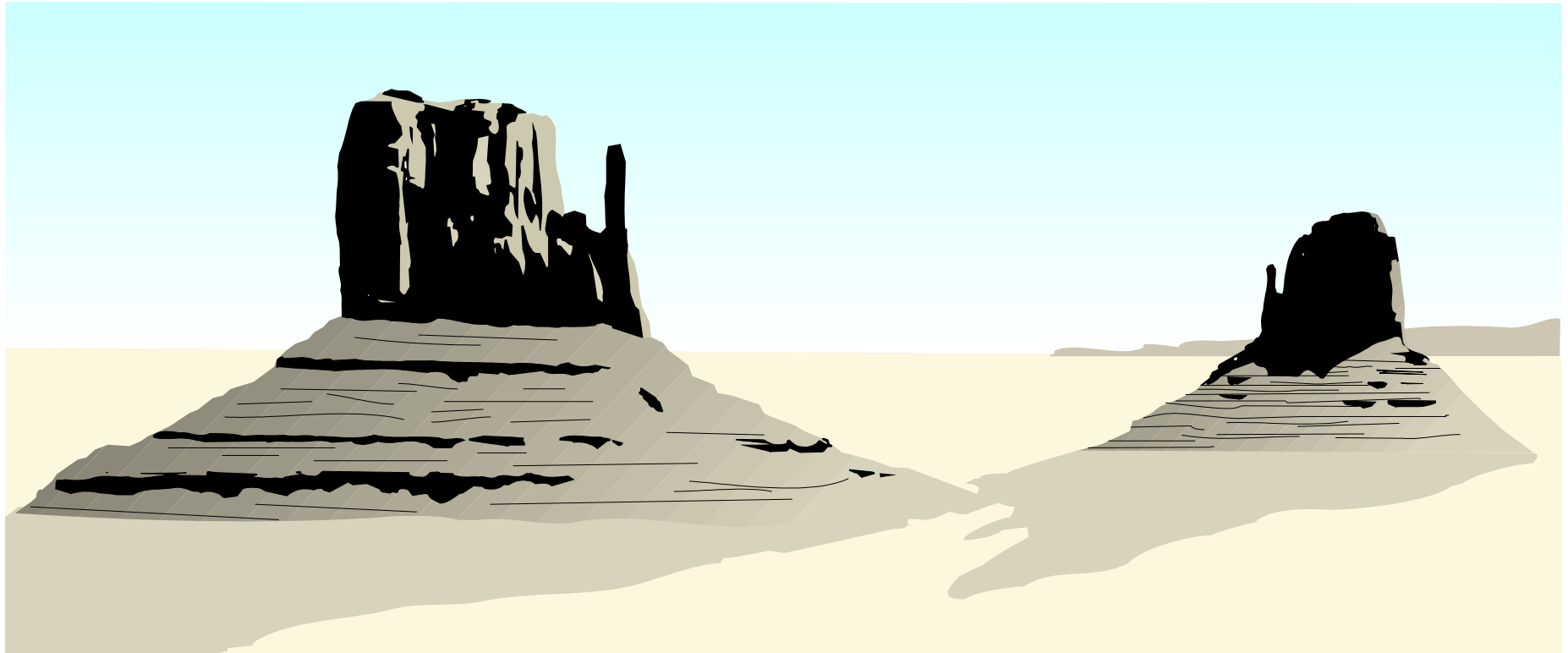
Identifying whether the vital events occurring to Arizona's Native American population were to those living on tribal reservations has posed a persistent challenge. Beginning with the first edition of this report published in 1995, vital events occurring on reservation were identified by place of residence. From 2002 - 2009, tribal affiliation combined with a specific place of residence was used in order to distinguish between American Indian residents of specified tribal communities and/or on reservations, and those who resided off reservation. Starting in 2010, the identification of events occurring on or off tribal lands was based solely on whether or not the individual's residence address was within the boundaries of a tribal reservation. While identifying a somewhat smaller number of on-reservation vital events than in previous years, this method provides a stricter definition of whether a specific vital event occurred to a Native American living within the boundaries of a reservation, and is also more reliable and reproducible than the method incorporating both residence address and tribal affiliation to identify on-reservation events. Future editions of the report will also use residence as the sole identifier of on-reservation vital events. **Due to this change in methodology, the counts of vital events occurring on-or-off reservation in 2014 should not be directly compared to on-or-off reservation counts from years prior to 2010, specifically counts in Sections IV and V (excluding Section V Comparative Cause-Specific Mortality).**

The *Health Status Profile of American Indians in Arizona: 2014 Data Book* includes tables where small cells and related totals are suppressed. Using suppression rules similar to those used by the National Center for Health Statistics (NCHS), this report now attempts to maintain the anonymity of the individuals whose vital records are summarized herein. In cell suppression, the first task is primary suppression, or removing non-zero counts in the body of a table that fall below a certain number. Primary cells that were less than six but greater than zero were suppressed and identified with an asterisk (\*). Next, secondary suppression is used to obfuscate the totals or sums with components, or addends that fall below the threshold for primary suppression. These totals are typically reported in the margins of table rows and columns. Column or row totals that contained a non-zero addend less than 6 were rounded to the nearest tens-unit and identified with a dagger (†). In certain cases where these rules would have dictated the rounding of a row or column total but the value of the information contained in the total was identified as important or attainable from other sources, these rules were relaxed and the original value was reported.

*Health Status Profile of American Indians in Arizona* was intended as a data book: a basic reference for some of the most frequently requested vital event statistics. The five sections of the report were computer-generated and contain information with little or no accompanying narrative.

The online versions of the report for 1998–2014 are available at <http://www.azdhs.gov/plan/>





# I.

## **RISK PROFILE OF AMERICAN INDIANS IN ARIZONA:**

### **AN OVERVIEW OF SELECTED HEALTH PROBLEMS AND HEALTH RISKS AMONG AMERICAN INDIANS AND ALL RESIDENTS OF THE STATE IN 2014**



The risk profile presented on the following page summarizes how American Indians as a group compared in 2014 to the state average on 65 measures of health status. The 65 indicators used in the profile are individual measures of the various dimensions or facets of health status. The profile uses the percentages a racial/ethnic group is above or below the statewide average on each of the specific measures. In order to represent the level of each indicator for American Indians in comparison to the overall state level, the following formula was used:\*

$$\left[ \frac{\text{THE VALUE OF A RATE OR RATIO IN A SPECIFIED GROUP}}{\text{THE AVERAGE VALUE OF A RATE OR RATIO FOR ALL GROUPS}} - 1.0 \right] \times 100$$

The above formula produces a score of 0.0 for a group with the same value as the statewide average. A negative value indicates better than average standing on an indicator. A positive value indicates worse than average standing on an indicator\*. The profile visually describes the better-than-average and worse-than-average clusters of health status characteristics for American Indian residents of Arizona.

Following the graphic profile is a detailed description of the 65 indicators. These indicators are organized around 9 major subject areas:

(1) Teen Pregnancies, (2) Maternal Lifestyle and Health Characteristics, (3) Utilization of Prenatal Care Services, (4) Newborn's Health, (5) Mortality from Natural Causes (chronic or infectious diseases), (6) Mortality from Injuries, (7) Age-Specific Mortality, (8) Premature Mortality and (9) Reportable Diseases.

**IN 2014, AMERICAN INDIAN RESIDENTS OF ARIZONA:**

- ranked worse than the statewide average on 43 of 65 health indicators;
- had high mortality from alcohol-induced causes, chronic liver disease and cirrhosis, motor vehicle accidents, diabetes, influenza and pneumonia, drowning, unintentional injuries, septicemia, nephritis, and assault: all contributing to the premature death rate of 77.8 percent.
- ranked poorly on measures of maternal lifestyle and health, as well as in utilization of prenatal care;
- on average were 15 years younger at time of death compared to all racial/ethnic groups;
- ranked better than average on a number of health indicators including: mortality rates for several chronic diseases (cervical cancer, lung cancer, breast cancer, colorectal cancer, all malignant neoplasms, chronic lower respiratory diseases, Alzheimer's disease, coronary heart disease, heart disease, cardiovascular disease, cerebrovascular disease, injury by firearms, fall-related injuries, drug induced deaths, and suicide) gestational weight gain (Excessive), tobacco use during pregnancy, incidence of newborn intensive care, low birth weight (born too small at <1,500 and at <2,500 grams), prematurity (born too early at <37 weeks), and pregnancies among females 18-19 years.

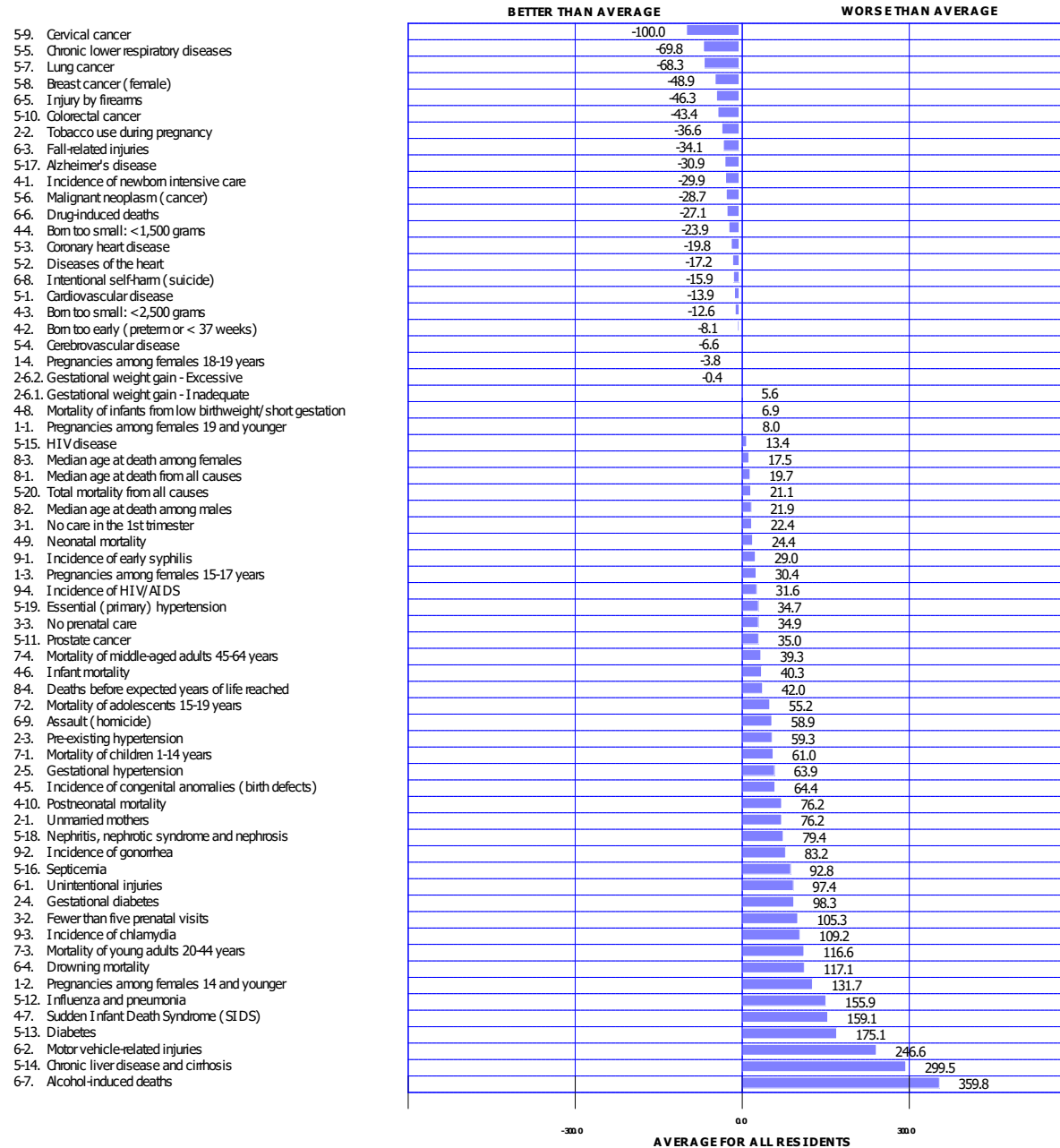
\* The comparative risk profiles for American Indian or Alaska Native, White non-Hispanic, Hispanic or Latino, Black or African American, and Asian or Pacific Islander residents of Arizona were developed for a report "*Differences in the Health Status Among Racial/Ethnic Groups*". This publication is available online at <http://www.azdhs.gov/plan/report/dhsag/index.htm>.

For consistency, the signs + and - for scores indicating the median age at death as higher or lower than the statewide average were reversed (indicators 8-1, 8-2, 8-3). Otherwise, a lower-than-average median age at death would signify a better than average standing on these indicators. A lower-than-average median age at death obviously reflects a worse off life expectancy.



## 2014 RISK PROFILE OF AMERICAN INDIANS

(Percent above or below the average rate or ratio of all Arizona residents in 2014)



**AMERICAN INDIANS' STANDING IN ARIZONA IN 2014  
ON 64 INDICATORS OF HEALTH STATUS**

**1. TEEN PREGNANCIES**

(Number of pregnancies per 1,000 females in specified age group)

Figure Number	Indicator	2014 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2014	Definitions
1-1	Pregnancies among females 19 and younger	19.2	<b>8.0</b>	17.8	The sum of live births, fetal deaths, and abortions per 1,000 females aged 19 or younger.
1-2	Pregnancies among females 14 and younger	0.7	<b>131.7</b>	0.3	The sum of live births, fetal deaths, and abortions per 1,000 females aged 14 or younger.
1-3	Pregnancies among females 15-17 years old	21.0	<b>30.4</b>	16.1	The sum of live births, fetal deaths, and abortions per 1,000 females aged 15-17 years.
1-4	Pregnancies among females 18-19 years old	62.7	<b>-3.8</b>	65.2	The sum of live births, fetal deaths, and abortions per 1,000 females aged 18-19 years.

**2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS**

(All rates are per 100 live births)

Figure Number	Indicator	2014 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2014	Definitions
2-1	Unmarried mothers	78.9	<b>76.2</b>	44.7	The number of births to unmarried mothers per 100 births.
2-2	Tobacco use during pregnancy	3.4	<b>-36.6</b>	5.3	The number of mothers giving birth who self-reported tobacco use during pregnancy per 100 births.
2-3	Pre-existing hypertension	1.9	<b>59.3</b>	1.2	Blood pressure persistently greater than 140/90, diagnosed prior to onset of pregnancy or before the 20th week of gestation (the number of cases per 100 births).
2-4	Gestational diabetes	12.1	<b>98.3</b>	6.1	Metabolic disorder characterized by excessive discharge of urine and persistent thirst; includes juvenile onset, adult onset, and gestational diabetes during pregnancy (the number of cases per 100 births).
2-5	Gestational hypertension	8.6	<b>63.9</b>	5.2	An increase in blood pressure of at least 30 mm hg systolic or 15 mm hg diastolic on two measurements taken 6 hours apart after the 20th week of gestation (the number of cases per 100 births).
2-6.1	Gestational weight gain - Inadequate	23.0	<b>5.6</b>	21.8	The number of women giving birth whose gestational weight gain was inadequate in relation to pre-pregnancy body mass index (BMI).
2-6.2	Gestational weight gain - Excessive	46.3	<b>-0.4</b>	46.5	The number of women giving birth whose gestational weight gain was excessive in relation to pre-pregnancy body mass index (BMI).

**AMERICAN INDIANS' STANDING IN ARIZONA IN 2014  
ON 64 INDICATORS OF HEALTH STATUS (continued)**

**3. UTILIZATION OF PRENATAL CARE SERVICES**

(Per 100 live births)

Figure Number	Indicator	2014 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2014	Definitions
3-1	No care in the 1 <sup>st</sup> trimester	41.6	<b>22.4</b>	34.0	The number of mothers giving birth who received no prenatal care in the 1 <sup>st</sup> trimester of pregnancy per 100 births.
3-2	Fewer than five prenatal visits	13.3	<b>105.3</b>	6.5	The number of mothers giving birth who had fewer than five prenatal visits during pregnancy per 100 births.
3-3	No prenatal care	2.9	<b>34.9</b>	2.1	The number of mothers giving birth who received no prenatal care during pregnancy per 100 births.

**4. NEWBORN'S HEALTH**

(Infant, neonatal, and postneonatal rates are per 1,000 live births. All other indicators are expressed per 100 live births)

Figure Number	Indicator	2014 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2014	Definitions
4-1	Incidence of newborn intensive care	4.7	<b>-29.9</b>	6.7	The number of babies admitted to Newborn Intensive Care units per 100 births.
4-2	Born too early (preterm or < 37 weeks)	8.2	<b>-8.1</b>	9.0	The number of births before 37 weeks of gestation per 100 births. Preterm is any neonate whose birth occurs through the end of the last day of the 37 <sup>th</sup> week (259 <sup>th</sup> day), following onset of the last menstrual period.
4-3	Born too small: low-birthweight (<2,500 grams)	6.1	<b>-12.6</b>	7.0	The number of newborns weighing less than 2,500 grams per 100 births. Low-birthweight is any neonate weighing less than 2,500 grams at birth (less than 5 pounds 8 ounces).
4-4	Born too small: very low-birthweight (<1,500 grams)	0.9	<b>-23.9</b>	1.2	The number of newborns weighing less than 1,500 grams per 100 births. Very low-birthweight is any neonate whose weight at birth is 1,500 grams or less (less than 3 pounds 5 ounces).
4-5	Incidence of congenital anomalies (birth defects)	0.8	<b>64.4</b>	0.5	The numbers of babies born with birth defects per 100 births.
4-6	Infant mortality	8.7	<b>40.3</b>	6.2	The number of infant deaths per 1,000 live births. Infant death is any death at any time from birth up to, but not including, the first year of age (364 days, 23 hours, 59 minutes from the moment of birth).
4-7	Sudden Infant Death Syndrome (SIDS)	0.4	<b>159.1</b>	0.2	The number of infant deaths from Sudden Infant Death Syndrome (ICD-10 code R95) per 1,000 live births.
4-8	Mortality of infants from low birthweight/short gestation	0.8	<b>6.9</b>	0.7	The number of infant deaths from low-birthweight/short gestation (ICD-10 code P07) per 1,000 live births.
4-9	Neonatal mortality	5.1	<b>24.4</b>	4.1	The number of neonatal deaths per 1,000 live births. Neonatal death is death of a liveborn neonate before the neonate becomes 28 days old (up to and including 27 days, 23 hours, 59 minutes from the moment of birth).
4-10	Postneonatal mortality	3.7	<b>76.2</b>	2.1	The number of postneonatal deaths per 1,000 live births. Postneonatal death is any death of a liveborn infant at least 28 days of age but less than one year of age.

**AMERICAN INDIANS' STANDING IN ARIZONA IN 2014  
ON 64 INDICATORS OF HEALTH STATUS (continued)**

**5. MORTALITY FROM NATURAL CAUSES (chronic or infectious diseases)**

(Number of deaths per 100,000 population age-adjusted to 2000 standard. The causes of death are classified by the Tenth Revision of the International Classification of Diseases or ICD-10)

Figure Number	Indicator	2014 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2014	Definitions
5-1	Cardiovascular disease	147.7	<b>-13.9</b>	171.6	The number of deaths from cardiovascular diseases (ICD-10 codes I00-I78) per 100,000 age-adjusted population.
5-2	Diseases of the heart	107.5	<b>-17.2</b>	129.9	The number of deaths from disease of the heart (ICD-10 codes I00-I09, I11, I13, I20-I51) per 100,000 age-adjusted population.
5-3	Coronary heart disease	79.6	<b>-19.8</b>	99.3	The number of deaths from coronary heart disease (ICD-10 codes I200-I259) per 100,000 age-adjusted population.
5-4	Cerebrovascular disease	24.5	<b>-6.6</b>	26.2	The number of deaths from cerebrovascular disease (ICD-10 codes I60-I69) per 100,000 age-adjusted population.
5-5	Chronic lower respiratory diseases	12.4	<b>-69.8</b>	44.1	The number of deaths from chronic lower respiratory diseases (ICD-10 codes J40-J47) per 100,000 age-adjusted population.
5-6	Malignant neoplasm (cancer)	97.1	<b>-28.7</b>	136.3	The number of deaths from cancer (ICD-10 codes C00-C97) per 100,000 age-adjusted population.
5-7	Lung cancer	10.2	<b>-68.3</b>	32.2	The number of deaths from lung cancer (ICD-10 codes C33-C34) per 100,000 age-adjusted population.
5-8	Breast cancer	9.2	<b>-48.9</b>	17.9	The number of deaths from breast cancer (ICD-10 code C50) per 100,000 age-adjusted female population.
5-9	Cervical cancer	0.0	<b>-100.0</b>	2.0	The number of deaths from cervical cancer (ICD-10 code C53) per 100,000 age-adjusted female population.
5-10	Colorectal cancer	7.0	<b>-43.4</b>	12.4	The number of deaths from colorectal cancer (ICD-10 codes C18-C21) per 100,000 age-adjusted population.
5-11	Prostate cancer	23.0	<b>35.0</b>	17.0	The number of deaths from prostate cancer (ICD-10 code C61) per 100,000 age-adjusted male population.
5-12	Influenza and pneumonia	22.9	<b>155.9</b>	8.9	The number of deaths from influenza and pneumonia (ICD-10 codes J10-J18) per 100,000 age-adjusted population.
5-13	Diabetes	63.2	<b>175.1</b>	23.0	The number of deaths from diabetes (ICD-10 codes E10-E14) per 100,000 age-adjusted population.
5-14	Chronic liver disease and cirrhosis	52.7	<b>299.5</b>	13.2	The number of deaths from chronic liver disease and cirrhosis (ICD-10 codes K70, K73-K74) per 100,000 age-adjusted population.
5-15	HIV disease	1.8	<b>13.4</b>	1.6	The number of deaths from HIV disease (ICD-10 codes B20-B24) per 100,000 age-adjusted population.
5-16	Septicemia	8.5	<b>92.8</b>	4.4	The number of deaths from septicemia (ICD-10 codes A40-A41) per 100,000 age-adjusted population.
5-17	Alzheimer's disease	21.4	<b>-30.9</b>	30.9	The number of deaths from Alzheimer's disease (ICD-10 code G30) per 100,000 age-adjusted population.
5-18	Nephritis, nephrotic syndrome and nephrosis (kidney disease)	8.3	<b>79.4</b>	4.6	The number of deaths from nephritis, nephritic syndrome, and nephrosis (ICD-10 codes N00-N07, N17-N19, N25-N27) per 100,000 age-adjusted population.
5-19	Essential (primary) hypertension	13.3	<b>34.7</b>	9.9	The number of deaths from essential (primary) hypertension (ICD-10 codes I10, I12) per 100,000 age-adjusted population.
5-20	Total mortality from all causes	818.5	<b>21.1</b>	676.0	Total number of deaths from all causes per 100,000 age-adjusted population.



**AMERICAN INDIANS' STANDING IN ARIZONA IN 2014  
ON 64 INDICATORS OF HEALTH STATUS (continued)**

**6. MORTALITY FROM INJURIES**

(Number of deaths per 100,000 population age-adjusted to 2000 standard. The causes of death are classified by the Tenth Revision of the International Classification of Diseases or ICD-10. Drug-induced deaths include accidental, suicidal, and homicidal poisoning by drugs, but also disorders due to use of psychoactive substances. Alcohol-induced deaths include accidental, suicidal, and homicidal by drugs, but also disorders due to use of alcohol)

Figure Number	Indicator	2014 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2014	Definitions
6-1	Unintentional injuries	85.4	<b>97.4</b>	43.3	The number of deaths from unintentional injuries in accidents (ICD-10 codes V01–X59, Y85–Y86) per 100,000 age-adjusted population.
6-2	Motor vehicle-related injuries	35.6	<b>246.6</b>	10.3	The number of deaths from motor vehicle-related injuries (ICD-10 codes 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) per 100,000 age-adjusted population.
6-3	Fall-related injuries	7.7	<b>-34.1</b>	11.7	The number of deaths from fall-related injuries (ICD-10 codes W00–W19) per 100,000 age-adjusted population.
6-4	Drowning mortality	2.5	<b>117.1</b>	1.2	The number of deaths due to accidental drowning and submersion (ICD-10 codes W65–W74) per 100,000 age-adjusted population.
6-5	Injury by firearms	6.7	<b>-46.3</b>	12.6	The number of deaths by firearms (ICD-10 codes W32–W34, X72–X74, X93–X95, Y22–Y24, Y 35.0) per 100,000 age-adjusted population. Causes of death attributable to firearm mortality include accidental discharge of firearms, intentional self-harm (suicide) by discharge of firearms, assault (homicide) by discharge of firearms, discharge of firearms -undetermined intent, and legal intervention involving firearm discharge. Deaths from injury by firearms exclude deaths due to explosives and other causes indirectly related to firearms.
6-6	Drug-induced deaths	13.4	<b>-27.1</b>	18.4	The number of drug-induced deaths (ICD-10 codes 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–F16.9, 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) per 100,000 age-adjusted population. Causes of death attributable to drug-induced mortality include selected codes from the ICD-10 title Mental and behavioral disorders due to psychoactive substance use, accidental poisoning by and exposure to drugs, medicaments and biological substances; intentional self-poisoning (suicide) by and exposure to drugs; assault (homicide) by drugs, medicaments and biological substances; and poisoning by and exposure to drugs, medicaments and biological substances, undetermined intent. Drug-induced causes exclude accidents, homicides, and other causes indirectly related to drug use. <u>Also excluded are newborn deaths associated with mother's drug use.</u>
6-7	Alcohol-induced deaths	68.0	<b>359.8</b>	14.8	The number of alcohol-induced deaths (ICD-10 codes F10, G31.2, G62.1, I42.6, K29.2, K70, R78.0, X45, X65, Y15) per 100,000 age-adjusted population. Causes of death attributable to alcohol-induced mortality include mental and behavioral disorders due to alcohol use, degeneration of nervous system due to alcohol, alcoholic polyneuropathy, alcoholic cardiomyopathy, alcoholic gastritis, alcoholic liver disease, finding of alcohol in blood, accidental poisoning by and exposure to alcohol, intentional self-poisoning by and exposure to alcohol; and poisoning by and exposure to alcohol, undetermined intent. Alcohol-induced causes exclude accidents, homicides, and other causes indirectly related to alcohol use.
6-8	Intentional self-harm (suicide)	13.9	<b>-15.9</b>	16.5	The number of deaths due to intentional self-harm (ICD-10 codes X60–X84, Y87.0) per 100,000 age-adjusted population.
6-9	Assault (homicide)	7.3	<b>58.9</b>	4.6	The number of deaths due to assault (homicide; ICD-10 codes X85–X09, Y87.1) per 100,000 age-adjusted population.

**AMERICAN INDIANS' STANDING IN ARIZONA IN 2014  
ON 64 INDICATORS OF HEALTH STATUS (continued)**

**7. PREMATURE MORTALITY**

(Number of deaths per 100,000 persons in specific group)

Figure Number	Indicator	2014 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2014	Definitions
7-1	Mortality of children 1-14 years old	28.8	<b>60.9</b>	17.9	The number of deaths per 100,000 children 1-14 years old.
7-2	Mortality of adolescents 15-19 years old	72.2	<b>55.3</b>	46.5	The number of deaths per 100,000 adolescents 15-19 years old.
7-3	Mortality of young adults 20-44 years old	300.1	<b>116.5</b>	138.6	The number of deaths per 100,000 young adults 20-44 years old.
7-4	Mortality of middle-aged adults 45-64 years old	860.3	<b>39.3</b>	617.7	The number of deaths per 100,000 middle-aged adults 45-64 years old.

**8. AGE-SPECIFIC MORTALITY**

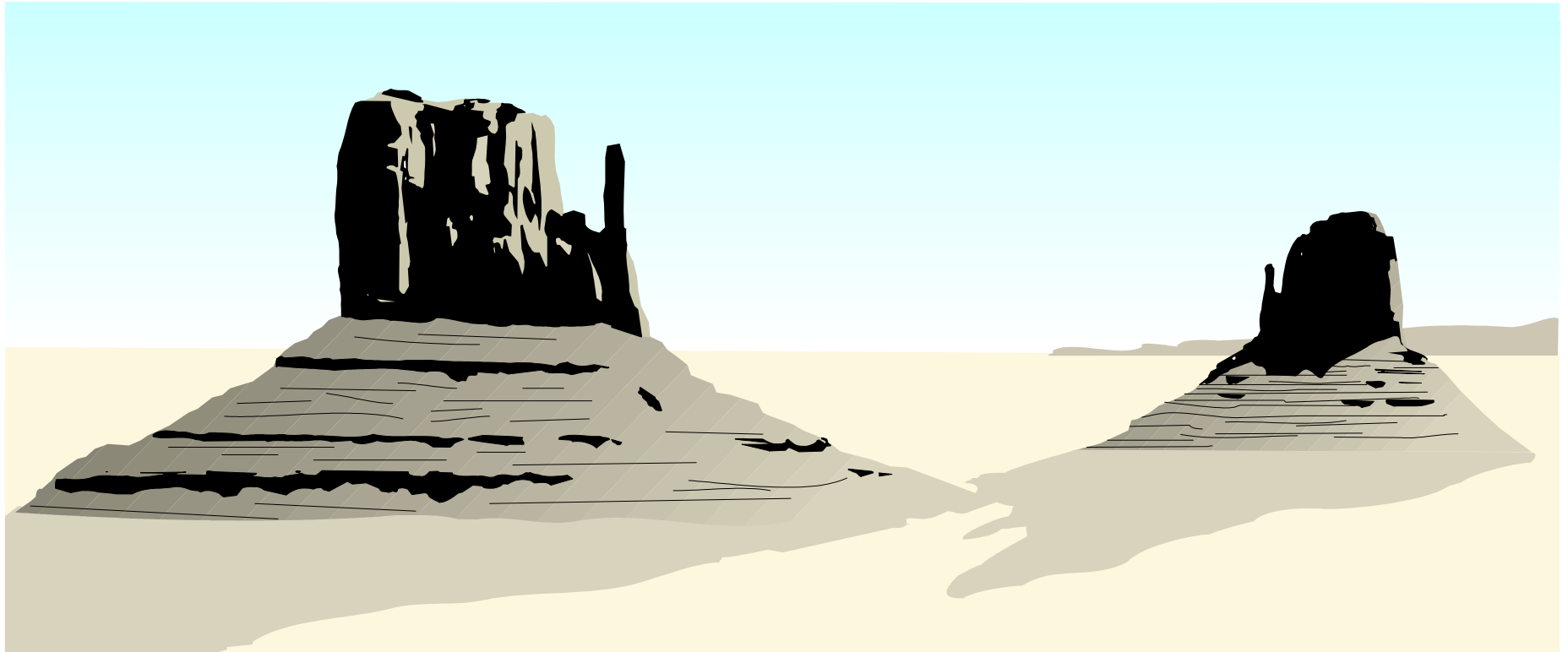
Figure Number	Indicator	2014 rate for American Indians	Percent above or below the average for all groups*	Average rate for all groups in 2014	Definitions
8-1	Median age at death from all causes	61.0	<b>19.7</b>	76.0	The median age (the age in the middle) of Arizonans who died in 2014.
8-2	Median age at death from all causes among males	57.0	<b>21.9</b>	73.0	The median age (the age in the middle) of Arizona males who died in 2014.
8-3	Median age at death from all causes among females	66.0	<b>17.5</b>	80.0	The median age (the age in the middle) of Arizona females who died in 2014.
8-4	Percent of total deaths before expected years of life reached	77.8	<b>42.0</b>	54.8	The number of deaths before reaching 78.8 years (the life expectancy of all U.S. residents in 2014) per 100 deaths.

Note: For consistency, the signs + and - for scores indicating the median age at death as higher or lower than the statewide average were reversed.

**9. REPORTABLE DISEASES**

(Number of cases per 100,000 persons in specific group)

Figure Number	Indicator	2014 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2014	Definitions
9-1	Incidence of early syphilis	16.9	<b>29.0</b>	13.1	Number of reported cases of early syphilis per 100,000 population.
9-2	Incidence of gonorrhea	206.5	<b>83.2</b>	112.7	Number of reported cases of gonorrhea per 100,000 population.
9-3	Incidence of chlamydia	986.6	<b>109.2</b>	471.7	Number of reported cases of chlamydia per 100,000 population.
9-4	Incidence of HIV/AIDS	15.0	<b>31.6</b>	11.4	Number of reported cases of HIV/AIDS per 100,000 population.



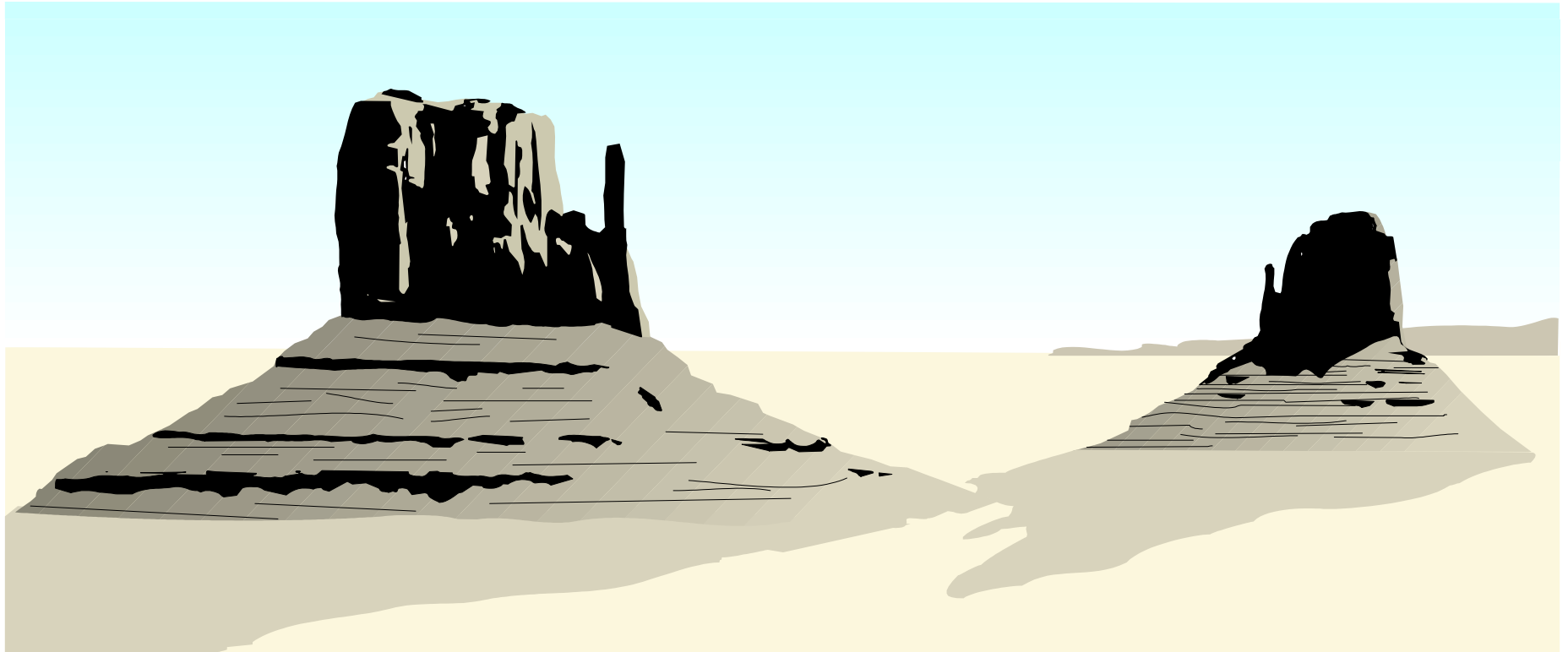
## **II.**

# **COMPARISON OF AMERICAN INDIANS' STANDING IN ARIZONA WITH RESPECT TO SELECTED HEALTH OBJECTIVES FOR THE YEAR 2014**

**COMPARISON OF AMERICAN INDIANS' STANDING IN ARIZONA WITH RESPECT TO  
SELECTED HEALTH OBJECTIVES FOR THE YEAR 2014**

<b>National Year 2010 Objectives / Healthy People 2020 Objectives</b>														
2.1	Increase the proportion of women giving birth who receive prenatal care in the first trimester of pregnancy; 2010 objective (HP16-10a); 2020 objective (HP-MICH-10.1)													
2.2	Reduce the rate of infant deaths; 2010 objective (HP16-1c); 2020 objective (HP-MICH-1.3)													
2.3	Reduce postneonatal mortality; 2010 objective (HP16-1e); 2020 objective (HP-MICH-1.5)													
2.4	Reduce deaths caused by unintentional injuries; 2010 objective (HP15-13); 2020 objective(HP-IVP-11)													
2.5	Reduce deaths caused by motor vehicle crashes; 2010 objective (HP15-15); 2020 objective (HP-IVP-13.1)													
2.6	Reduce the suicide rate; 2010 objective (HP18-1); 2020 objective (HP-MHMD-1)													
2.7	Reduce the homicide rate; 2010 objective (HP15-32); 2020 objective (HP-IVP-29)													
2.8	Reduce the diabetes-related death rate; 2010 objective (HP5-5); 2020 objective (HP-D-3)													
2.9	Reduce the cirrhosis* death rate; 2010 objective (HP26-2); 2020 objective (HP-SA-11)													
2.10	Reduce the cervical cancer death rate; 2010 objective (HP3-4); 2020 objective (HP-C-4)													
<b>Indicator</b>		<b>Objectives</b>		<b>Year</b>										
		<b>2010</b>	<b>2020</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
2.1	Percent of American Indian women giving birth who received early prenatal care	90.0	77.9	69.0	67.9	65.9	65.9	65.1	66.0	69.4	68.6	68.2	68.7	58.4
2.2	Number of infant deaths per 1,000 American Indian live births (6 per 1,000)	6.0	6.0	7.2	8.3	6.4	8.1	8.2	8.4	8.1	7.4	7.4	6.6	8.7
2.3	Number of postneonatal (i.e., at least 28 days of age but less than one year of age) deaths per 1,000 American Indian live births (1.2 per 1000); (2.0 per 1000)	1.2	2.0	3.8	4.0	2.4	3.9	3.6	4.2	4.3	4.1	3.6	2.9	3.7
2.4	Number of unintentional injury deaths per 100,000 American Indian population <sup>a</sup> (17.5 per 100,000); (36.0 per 100,000)	17.5	36.0	103.9	117.8	97.2	95.0	92.6	92.6	99.2	100.6	94.8	104.5	85.4
2.5	Number of deaths caused by motor vehicle crashes per 100,000 American Indian population <sup>a</sup> (16 per 100,000); (12.4 per 100,000)	16.0	12.4	54.1	62.6	56.9	49.0	41.9	36.9	41.7	44.2	37.8	31.7	35.6
2.6	Number of suicides per 100,000 American Indian population <sup>a</sup> (10 per 100,000); (10.2 per 100,000)	10.0	10.2	17.0	17.5	13.7	9.8	13.5	15.9	18.7	14.9	17.9	21.9	13.9
2.7	Number of homicides per 100,000 American Indian population <sup>a</sup> (5 per 100,000); (5.5 per 100,000)	5.0	5.5	14.7	14.0	13.2	13.1	12.8	13.2	18.0	11.9	17.3	17.7	7.3
2.8	Number of deaths due to diabetes reported as the underlying or multiple cause of death per 100,000 American Indian population <sup>a</sup> (45 per 100,000); (65.8 per 100,000)	45.0	65.8	125.4	138.9	100.2	107.2	108.1	111.4	130.4	105.3	155.7	146.4	129.5
2.9	Number of deaths due to chronic liver disease and cirrhosis reported as the underlying cause of death per 100,000 American Indian population <sup>a</sup> (3 per 100,000); (8.2 per 100,000)	3.0	8.2	51.0	51.2	43.6	36.8	40.7	54.0	64.6	43.6	59.2	62.0	52.7
2.10	Number of deaths due to cancer of the uterine cervix reported as the underlying cause of death per 100,000 American Indian female population <sup>a</sup> (2 per 100,000); (2.2 per 100,000)	2.0	2.2	2.0	3.4	5.8	2.3	4.8	4.1	3.0	3.1	2.8	2.0	0.0

Note: <sup>a</sup> Age-adjusted to the 2000 US standard population.



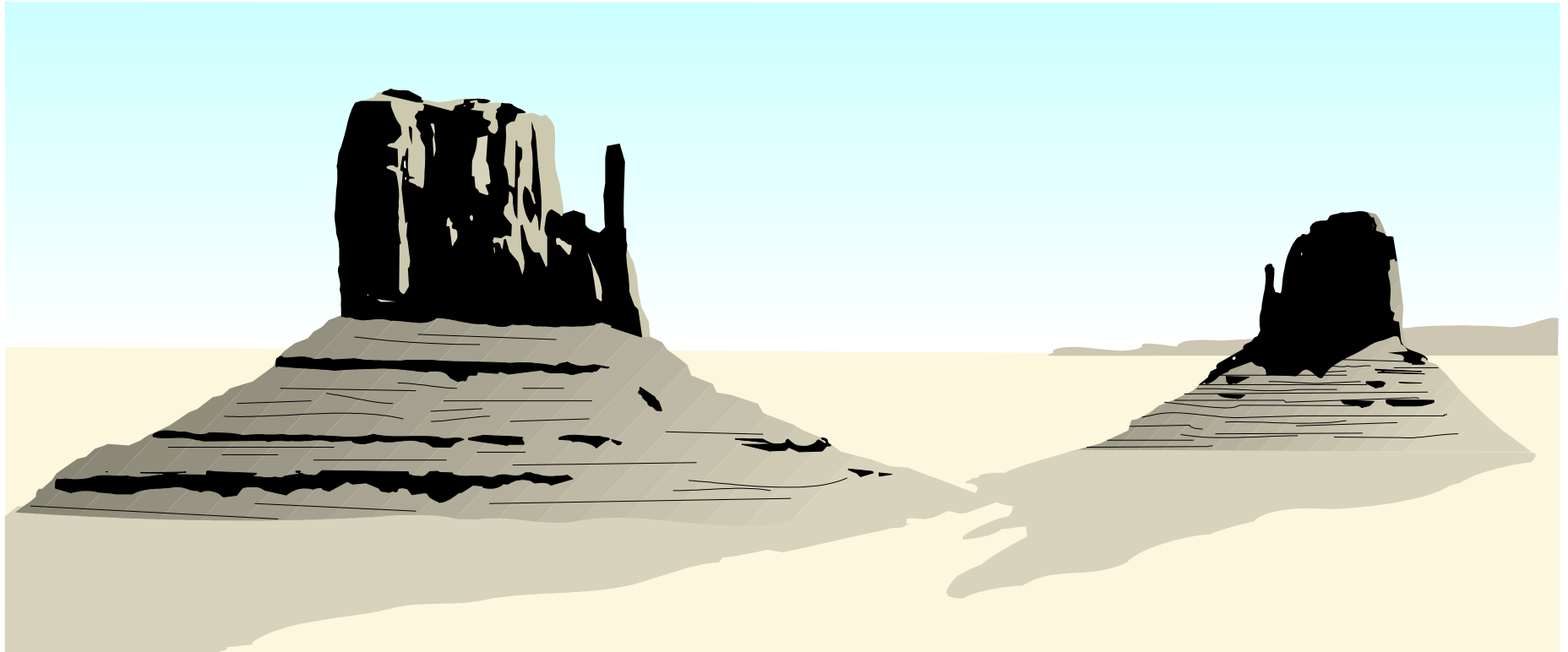
### **III.**

## **TRENDS IN SELECTED HEALTH PROBLEMS AND HEALTH RISKS AMONG AMERICAN INDIANS IN ARIZONA**

**TRENDS IN SELECTED HEALTH PROBLEMS AND HEALTH RISKS AMONG AMERICAN INDIANS IN ARIZONA**

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>Median Age at Death from all Causes</b>											
All Arizonans	76.0	77.0	76.0	76.0	77.0	76.0	77.0	77.0	77.0	76.0	77.0
American Indians	58.0	59.0	57.0	59.0	59.0	59.0	58.0	60.0	59.0	60.0	61.0
<b>Births to Unmarried Mothers<sup>a</sup></b>											
All Arizonans	41.9	42.8	43.9	45.0	45.1	45.2	44.7	44.3	45.2	45.1	44.7
American Indians	73.1	72.9	74.8	75.9	75.8	76.9	77.7	77.1	78.5	79.2	78.9
<b>Incidence of Gonorrhea<sup>b</sup></b>											
All Arizonans	70.1	81.9	95.3	78.7	52.8	49.3	50.8	71.4	89.4	98.2	112.2
American Indians	142.7	142.6	125.7	94.4	73.3	50.0	85.1	162.8	185.7	224.6	206.5
<b>Low-Birthweight Births<sup>a</sup></b>											
All Arizonans	7.2	6.9	7.1	7.1	7.1	7.1	7.1	7.0	6.9	6.9	7.0
American Indians	7.2	7.3	7.4	6.6	6.7	6.4	7.0	6.9	6.7	7.2	6.1
<b>Births to Teenage Mothers<sup>a</sup></b>											
All Arizonans	12.7	12.5	12.7	12.6	12.3	11.8	10.8	9.9	9.5	8.5	7.6
American Indians	18.7	19.1	19.1	20.1	18.6	19.0	17.0	16.9	16.0	14.2	11.7
<b>Birth Defects (Congenital Anomalies)<sup>a</sup></b>											
All Arizonans	1.0	1.0	0.9	0.8	0.9	0.6	0.6	1.1	0.8	0.7	0.5
American Indians	1.6	1.5	1.2	1.4	0.9	0.8	0.6	1.4	0.9	0.8	0.8
<b>Pregnancy-associated Hypertension / Gestational Hypertension<sup>c</sup></b>											
All Arizonans	28.8	30.9	28.8	31.0	35.3	36.1	39.1	41.9	45.2	55.8	52.4
American Indians	54.4	58.2	58.8	57.9	58.9	55.4	61.2	62.8	64.6	74.1	85.9
<b>Diabetes during Pregnancy / Gestational Diabetes<sup>c</sup></b>											
All Arizonans	24.5	29.7	31.6	34.3	38.9	38.7	41.8	46.4	51.2	57.2	61.3
American Indians	75.7	82.5	72.0	80.4	82.0	82.2	77.9	93.3	99.3	111.4	121.5

Notes: <sup>a</sup> Per 100 live births; <sup>b</sup> Per 100,000 population; <sup>c</sup> Per 1,000 births.

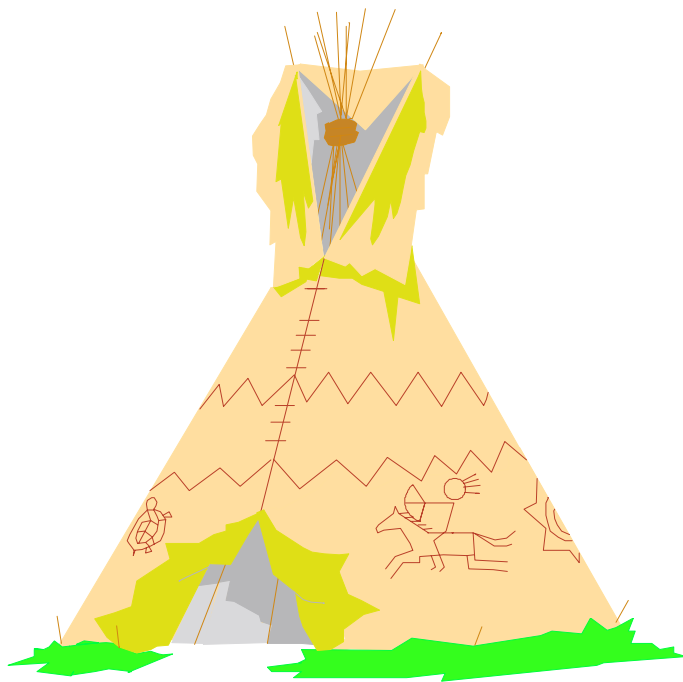


# **IV.**

## **CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND MOTHERS GIVING BIRTH BY PLACE OF RESIDENCE IN ARIZONA IN 2014**







## **SOCIODEMOGRAPHIC CHARACTERISTICS**

**4.1  
MATERNAL AGE (2014 STATUS)**

		TOTAL BIRTHS	Mother's age group								
			<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		5,150†	10†	200†	400†	1,690†	1,480†	870†	420†	90†	0†
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	20†	0	*	*	*	*	0	*	0	0
	<b>Cocopah Tribe</b>	10†	0	0	0	*	*	*	*	0	0
	<b>Colorado River Indian Tribe</b>	20†	0	0	*	*	*	*	0	*	0
	<b>Fort McDowell Yavapai Nation Reservation</b>	30†	0	*	*	*	10	6	*	0	0
	<b>Fort Mohave Indian Tribe</b>	10†	0	0	0	*	7	*	0	0	0
	<b>Gila River Indian Community</b>	240†	0	8	23	83	63	40	16	*	*
	<b>Havasupai Tribe</b>	10†	0	0	0	*	*	*	0	0	0
	<b>Hopi Tribe</b>	120†	0	*	9	39	35	13	13	8	0
	<b>Hualapai Tribe</b>	30†	0	*	0	11	6	*	*	0	0
	<b>Navajo Nation</b>	1,290†	*	53	104	397	346	229	122	36	*
	<b>Pascua Yaqui Tribe</b>	20†	0	*	0	*	7	*	*	0	0
	<b>Salt River Pima-Maricopa Indian Community</b>	100†	0	7	*	39	32	16	*	0	0
	<b>San Carlos Apache Tribe</b>	310†	*	16	28	114	81	44	22	*	0
	<b>Tohono O'Odham Nation</b>	150†	0	*	13	53	38	27	10	0	0
	<b>White Mountain Apache Tribe</b>	300†	0	14	25	118	81	40	17	*	0
	<b>Yavapai-Apache Nation</b>	10†	0	0	0	*	*	*	*	0	0
	<b>Yavapai-Prescott Indian Tribe</b>	0†	0	0	0	*	0	0	0	0	0
	<b>TOTAL</b>	2,640†	10†	110†	220†	890†	720†	430†	210†	50†	0†
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	1,300†	*	40	93	398	391	236	119	19	0
	<b>---in Pima County</b>	310†	0	15	24	113	87	46	22	*	0
	<b>---in Coconino County</b>	330†	0	10	24	106	113	53	21	*	*
	<b>---elsewhere in Arizona</b>	570†	*	20	40	190	162	100	44	9	0
		<b>TOTAL</b>	2,510†	0†	85	181	807	753	435	206	40†

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**4.2**  
**EDUCATIONAL ATTAINMENT OF MOTHER (2014 STATUS)**

		TOTAL BIRTHS	Mother's education							
			8th Grade or Less	Some High School	High School / GED	Some College	Associate Degree	Bachelor's Degree	Post-graduate Education	Un-known
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		5,150†	110†	1,340†	1,770†	1,320†	340†	170†	70†	30†
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	20†	0	9	*	*	0	0	0	0
	<b>Cocopah Tribe</b>	10†	0	*	*	0	0	*	0	0
	<b>Colorado River Indian Tribe</b>	20†	0	*	8	0	0	0	0	*
	<b>Fort McDowell Yavapai Nation Reservation</b>	30†	*	7	12	*	*	*	0	0
	<b>Fort Mohave Indian Tribe</b>	10†	0	*	7	*	0	0	0	0
	<b>Gila River Indian Community</b>	240†	20	99	69	42	*	*	0	0
	<b>Havasupai Tribe</b>	10†	0	*	*	0	0	0	0	0
	<b>Hopi Tribe</b>	120†	*	26	52	25	6	*	*	0
	<b>Hualapai Tribe</b>	30†	*	10	9	*	*	0	0	0
	<b>Navajo Nation</b>	1,293	15	259	461	381	106	47	13	11
	<b>Pascua Yaqui Tribe</b>	20†	*	*	6	*	*	0	0	0
	<b>Salt River Pima-Maricopa Indian Community</b>	100†	*	37	40	21	0	*	0	*
	<b>San Carlos Apache Tribe</b>	310†	9	86	135	57	14	*	*	*
	<b>Tohono O'Odham Nation</b>	150†	*	52	59	22	6	*	0	0
	<b>White Mountain Apache Tribe</b>	300†	*	121	105	58	*	*	*	*
	<b>Yavapai-Apache Nation</b>	10†	0	*	*	*	0	0	0	0
<b>Yavapai-Prescott Indian Tribe</b>	0†	0	*	0	0	0	0	0	0	
	<b>TOTAL</b>	2,640†	60†	730†	980†	620†	140†	70†	20†	20†
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	1,297	28	297	382	409	98	52	23	8
	<b>---in Pima County</b>	312	13	103	86	75	18	11	6	0
	<b>---in Coconino County</b>	330†	*	57	106	95	42	20	10	0
	<b>---elsewhere in Arizona</b>	567	11	155	214	116	41	18	9	*
		<b>TOTAL</b>	2,508	50†	612	788	695	199	101	48

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**4.3  
MARITAL STATUS OF MOTHER (2014 STATUS)**

		TOTAL BIRTHS	Marital status		
			Married	Unmarried	Other
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		5,150†	1,020†	4,060†	60†
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	20†	*	11	0
	<b>Cocopah Tribe</b>	10†	*	6	0
	<b>Colorado River Indian Tribe</b>	20†	0	14	*
	<b>Fort McDowell Yavapai Nation Reservation</b>	30†	*	22	0
	<b>Fort Mohave Indian Tribe</b>	10†	*	10	0
	<b>Gila River Indian Community</b>	240†	32	201	*
	<b>Havasupai Tribe</b>	10†	*	7	0
	<b>Hopi Tribe</b>	120†	19	99	*
	<b>Hualapai Tribe</b>	30†	*	22	0
	<b>Navajo Nation</b>	1,293	226	1,055	12
	<b>Pascua Yaqui Tribe</b>	20†	*	14	0
	<b>Salt River Pima-Maricopa Indian Community</b>	103	15	88	0
	<b>San Carlos Apache Tribe</b>	310†	63	242	*
	<b>Tohono O'Odham Nation</b>	146	14	132	0
	<b>White Mountain Apache Tribe</b>	300†	85	211	*
	<b>Yavapai-Apache Nation</b>	7	0	7	0
	<b>Yavapai-Prescott Indian Tribe</b>	0†	0	*	0
		<b>TOTAL</b>	2,640†	470†	2,140†
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	1,297	271	1,007	19
	<b>---in Pima County</b>	312	57	248	7
	<b>---in Coconino County</b>	330†	94	234	*
	<b>---elsewhere in Arizona</b>	567	129	426	12
		<b>TOTAL</b>	2,508	551	1,915

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**4.4**  
**RACE/ETHNICITY OF FATHER (2014 STATUS)**

		TOTAL BIRTHS	Father's race/ethnicity				
			White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		5,150†	1,410†	550†	110†	3,050†	30†
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	20†	6	*	*	6	0
	<b>Cocopah Tribe</b>	10†	*	*	0	7	0
	<b>Colorado River Indian Tribe</b>	20†	7	*	0	7	0
	<b>Fort McDowell Yavapai Nation Reservation</b>	30†	9	*	0	12	*
	<b>Fort Mohave Indian Tribe</b>	10†	7	0	0	*	0
	<b>Gila River Indian Community</b>	240†	60	25	*	146	0
	<b>Havasupai Tribe</b>	8	0	0	0	8	0
	<b>Hopi Tribe</b>	120†	23	0	*	94	*
	<b>Hualapai Tribe</b>	30†	6	*	0	18	0
	<b>Navajo Nation</b>	1,290†	252	14	*	1,019	*
	<b>Pascua Yaqui Tribe</b>	20†	*	*	*	7	0
	<b>Salt River Pima-Maricopa Indian Community</b>	100†	34	9	*	58	0
	<b>San Carlos Apache Tribe</b>	310†	92	8	*	207	0
	<b>Tohono O'Odham Nation</b>	150†	41	8	*	96	0
	<b>White Mountain Apache Tribe</b>	300†	53	*	0	242	0
	<b>Yavapai-Apache Nation</b>	10†	*	0	0	*	0
	<b>Yavapai-Prescott Indian Tribe</b>	0†	0	*	0	0	0
	<b>TOTAL</b>	2,640†	600†	80†	20†	1,940†	10†
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	1,297	420	288	66	506	17
	<b>---in Pima County</b>	310†	121	66	8	114	*
	<b>---in Coconino County</b>	330†	77	24	7	221	*
	<b>---elsewhere in Arizona</b>	570†	194	93	7	271	*
		<b>TOTAL</b>	2,508	812	471	88	1,112

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**4.5**  
**AGE OF FATHER (2014 STATUS)**

		TOTAL BIRTHS	Father's age group											
			<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55+	Unknown
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		5,150†	0†	70†	220†	1,120†	1,200†	810†	410†	200†	70†	30†	10†	1,000†
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	10†	0	0	0	*	*	*	0	0	0	0	0	0
	<b>Cocopah Tribe</b>	20†	0	*	0	*	*	*	0	*	*	0	0	7
	<b>Colorado River Indian Tribe</b>	300†	0	9	13	79	78	42	25	*	*	*	0	44
	<b>Fort McDowell Yavapai Nation Reservation</b>	30†	0	0	*	*	6	*	*	*	0	0	0	*
	<b>Fort Mohave Indian Tribe</b>	10†	0	0	0	*	*	*	0	0	0	0	0	6
	<b>Gila River Indian Community</b>	240†	0	6	13	58	50	30	18	*	*	*	0	50
	<b>Havasupai Tribe</b>	10†	0	0	0	*	*	*	0	0	0	0	0	0
	<b>Hopi Tribe</b>	120†	0	*	*	30	28	13	*	11	*	0	*	21
	<b>Hualapai Tribe</b>	30†	0	0	*	7	*	*	*	*	0	0	0	6
	<b>Navajo Nation</b>	20†	0	0	*	*	*	*	*	*	*	0	0	*
	<b>Pascua Yaqui Tribe</b>	1,290†	*	21	66	280	287	201	130	70	26	8	*	200
	<b>Salt River Pima-Maricopa Indian Community</b>	20†	0	0	0	*	*	*	*	0	0	0	0	*
	<b>San Carlos Apache Tribe</b>	100†	0	*	8	26	21	10	*	*	*	*	*	26
	<b>Tohono O'Odham Nation</b>	310†	0	9	14	66	71	38	15	6	*	*	*	85
	<b>White Mountain Apache Tribe</b>	150†	0	*	8	29	33	23	8	6	0	0	0	38
	<b>Yavapai-Apache Nation</b>	10†	0	0	0	*	*	*	0	0	0	0	0	*
<b>Yavapai-Prescott Indian Tribe</b>	0†	0	0	0	*	0	0	0	0	0	0	0	0	
<b>TOTAL</b>	<b>2,640†</b>	<b>0†</b>	<b>50†</b>	<b>130†</b>	<b>590†</b>	<b>600†</b>	<b>380†</b>	<b>210†</b>	<b>110†</b>	<b>40†</b>	<b>10†</b>	<b>10†</b>	<b>500†</b>	
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	1,300†	0	10	45	269	321	223	109	43	15	8	*	252
	<b>---in Pima County</b>	310†	0	6	13	57	65	48	23	9	*	*	*	83
	<b>---in Coconino County</b>	330†	0	*	13	79	84	65	30	7	*	*	0	49
	<b>---elsewhere in Arizona</b>	570†	0	*	21	122	136	89	40	27	9	*	*	117
	<b>TOTAL</b>	<b>2,508</b>	<b>0</b>	<b>20†</b>	<b>92</b>	<b>527</b>	<b>606</b>	<b>425</b>	<b>202</b>	<b>86</b>	<b>30†</b>	<b>10†</b>	<b>10†</b>	<b>501</b>

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

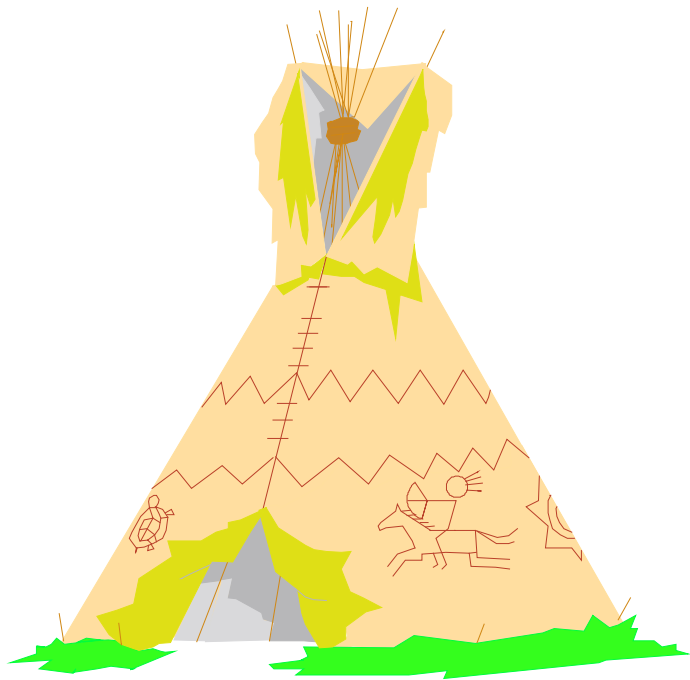
**4.6**  
**SOURCE OF PAYMENT FOR LABOR AND DELIVERY (2014 STATUS)**

		TOTAL BIRTHS	Payer for births				
			AHCCCS <sup>a</sup>	IHS	Private insurance	Self-pay	Unknown
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		5,150†	3,510†	970†	580†	70†	20†
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	20†	6	8	*	*	0
	<b>Cocopah Tribe</b>	10†	*	*	0	0	0
	<b>Colorado River Indian Tribe</b>	20†	9	*	*	0	0
	<b>Fort McDowell Yavapai Nation Reservation</b>	30†	9	*	13	0	*
	<b>Fort Mohave Indian Tribe</b>	10†	7	0	*	*	0
	<b>Gila River Indian Community</b>	240†	92	114	24	*	0
	<b>Havasupai Tribe</b>	10†	*	*	0	0	0
	<b>Hopi Tribe</b>	120†	96	8	13	*	0
	<b>Hualapai Tribe</b>	30†	16	8	*	0	0
	<b>Navajo Nation</b>	1,293	977	218	81	9	8
	<b>Pascua Yaqui Tribe</b>	20†	10	*	*	0	0
	<b>Salt River Pima-Maricopa Indian Community</b>	100†	70	19	8	*	*
	<b>San Carlos Apache Tribe</b>	310†	115	159	30	*	*
	<b>Tohono O'Odham Nation</b>	150†	91	31	23	*	0
	<b>White Mountain Apache Tribe</b>	300†	272	22	*	*	0
	<b>Yavapai-Apache Nation</b>	10†	*	*	*	0	0
<b>Yavapai-Prescott Indian Tribe</b>	0†	0	*	0	0	0	
	<b>TOTAL</b>	2,640†	1,790†	610†	200†	30†	10†
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	1,297	892	182	193	25	*
	<b>---in Pima County</b>	310†	212	48	50	*	*
	<b>---in Coconino County</b>	330†	264	15	51	*	0
	<b>---elsewhere in Arizona</b>	567	353	116	80	15	*
	<b>TOTAL</b>	2,508	1,721	361	374	40†	10†

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; <sup>a</sup> The Arizona Health Care Cost Containment System (AHCCCS) is the State's Medicaid program.







## **MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS**

**4.7**  
**MATERNAL WEIGHT GAIN DURING PREGNANCY (2014 STATUS)**

		TOTAL BIRTHS	Weight gain			
			Inadequate	Adequate	Excessive	Unknown
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		5,150†	1,190†	1,510†	2,380†	70†
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	20†	*	*	11	0
	<b>Cocopah Tribe</b>	10†	*	*	*	0
	<b>Colorado River Indian Tribe</b>	20†	*	*	6	*
	<b>Fort McDowell Yavapai Nation Reservation</b>	30†	*	9	13	*
	<b>Fort Mohave Indian Tribe</b>	10†	*	*	*	0
	<b>Gila River Indian Community</b>	235	41	70	124	0
	<b>Havasupai Tribe</b>	10†	0	*	*	*
	<b>Hopi Tribe</b>	120†	22	38	54	*
	<b>Hualapai Tribe</b>	25	7	7	11	0
	<b>Navajo Nation</b>	1,293	317	425	534	17
	<b>Pascua Yaqui Tribe</b>	20†	7	*	8	0
	<b>Salt River Pima-Maricopa Indian Community</b>	100†	21	21	56	*
	<b>San Carlos Apache Tribe</b>	309	64	73	166	6
	<b>Tohono O'Odham Nation</b>	150†	43	33	68	*
	<b>White Mountain Apache Tribe</b>	300†	62	84	149	*
	<b>Yavapai-Apache Nation</b>	10†	*	*	*	0
	<b>Yavapai-Prescott Indian Tribe</b>	0†	*	0	0	0
		<b>TOTAL</b>	2,640†	600†	780†	1,220†
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	1,297	297	376	611	13
	<b>---in Pima County</b>	310†	74	93	144	*
	<b>---in Coconino County</b>	330†	76	102	149	*
	<b>---elsewhere in Arizona</b>	567	138	155	264	10
		<b>TOTAL</b>	2,508	585	726	1,168

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**4.8**  
**MEDICAL RISK FACTORS OF PREGNANCY (2014 STATUS)**

		TOTAL BIRTHS	Births with medical risk factors	Medical risk factors <sup>a</sup>											
				Pre-existing diabetes	Gestational diabetes	Pre-existing hypertension	Gestational hypertension	Eclampsia	Previous preterm birth	Other previous poor pregnancy outcome	Gonorrhea	Syphilis	Chlamydia	Hepatitis B	Hepatitis C
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		5,150†	1,606	144	625	98	442	23	228	74	23	10†	363	0†	16
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	16	10†	*	*	0	*	0	0	0	0	0	*	0	0
	<b>Cocopah Tribe</b>	10	0†	0	*	0	0	0	0	*	0	0	*	0	0
	<b>Colorado River Indian Tribe</b>	15	0†	0	*	0	*	0	0	0	0	0	*	0	0
	<b>Fort McDowell Yavapai Nation Reservation</b>	25	10†	0	*	0	*	0	0	*	0	0	0	0	0
	<b>Fort Mohave Indian Tribe</b>	11	0†	0	0	0	0	0	0	0	0	0	*	0	0
	<b>Gila River Indian Community</b>	235	70†	11	21	*	22	0	9	*	*	0	11	0	*
	<b>Havasupai Tribe</b>	8	0†	*	0	0	0	0	0	0	0	0	0	0	0
	<b>Hopi Tribe</b>	119	40†	*	13	6	14	*	6	0	0	0	12	0	0
	<b>Hualapai Tribe</b>	25	0†	*	*	0	*	0	0	0	0	0	0	0	0
	<b>Navajo Nation</b>	1,293	430†	28	151	25	114	*	61	19	*	*	143	0	*
	<b>Pascua Yaqui Tribe</b>	16	10†	0	*	*	*	0	*	*	0	0	0	0	0
	<b>Salt River Pima-Maricopa Indian Community</b>	103	50†	9	24	0	8	*	7	*	*	0	7	0	0
	<b>San Carlos Apache Tribe</b>	309	90†	*	33	*	34	*	8	*	*	*	30	0	0
	<b>Tohono O'Odham Nation</b>	146	60†	8	23	*	19	0	*	*	*	*	13	0	*
	<b>White Mountain Apache Tribe</b>	298	90†	*	31	*	30	*	27	7	*	0	14	*	*
<b>Yavapai-Apache Nation</b>	7	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Yavapai-Prescott Indian Tribe</b>	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	<b>TOTAL</b>	2,640†	860†	70†	310†	40†	250†	10†	130†	40†	10†	10†	240†	0†	10†
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	1,297	430†	38	215	32	107	7	50	19	6	*	56	0	*
	<b>---in Pima County</b>	312	90†	8	27	7	26	0	17	0	0	0	18	0	*
	<b>---in Coconino County</b>	332	80†	*	26	6	27	*	10	*	*	*	20	0	*
	<b>---elsewhere in Arizona</b>	567	150†	24	50	12	35	*	25	10	*	0	32	*	*
		<b>TOTAL</b>	2,508	744	70†	318	57	195	10†	102	30†	10†	0†	126	0†

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; <sup>a</sup> Medical risk factors do not sum to the number of births with medical risk factors as each birth may be associated with multiple medical risk factors.

**4.9**  
**SUBSTANCE USE DURING PREGNANCY (2014 STATUS)**

		TOTAL BIRTHS	Substance use			
			Non Smoker	Light Smoker	Heavy Smoker	Unknown
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		5,150†	5,020†	60†	10†	50†
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	20†	15	*	0	0
	<b>Cocopah Tribe</b>	10	10	0	0	0
	<b>Colorado River Indian Tribe</b>	20†	14	0	0	*
	<b>Fort McDowell Yavapai Nation Reservation</b>	30†	23	*	*	0
	<b>Fort Mohave Indian Tribe</b>	10†	8	*	*	0
	<b>Gila River Indian Community</b>	240†	230	*	*	0
	<b>Havasupai Tribe</b>	8	8	0	0	0
	<b>Hopi Tribe</b>	120†	118	0	0	*
	<b>Hualapai Tribe</b>	30†	24	*	0	0
	<b>Navajo Nation</b>	1,293	1,255	8	0	30
	<b>Pascua Yaqui Tribe</b>	16	16	0	0	0
	<b>Salt River Pima-Maricopa Indian Community</b>	100†	99	*	0	*
	<b>San Carlos Apache Tribe</b>	310†	304	*	0	*
	<b>Tohono O'Odham Nation</b>	146	146	0	0	0
	<b>White Mountain Apache Tribe</b>	300†	296	*	0	0
	<b>Yavapai-Apache Nation</b>	10†	6	*	0	0
	<b>Yavapai-Prescott Indian Tribe</b>	0†	*	0	0	0
	<b>TOTAL</b>	2,640†	2,570†	20†	0†	40†
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	1,300†	1,269	19	*	*
	<b>---in Pima County</b>	310†	306	*	*	*
	<b>---in Coconino County</b>	330†	327	*	*	*
	<b>---elsewhere in Arizona</b>	570†	542	15	*	8
		<b>TOTAL</b>	2,508	2,444	40†	10†

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.



## Utilization of Medical Services

**4.10**  
**TRIMESTER OF PREGNANCY PRENATAL CARE BEGAN (2014 STATUS)**

		TOTAL BIRTHS	Prenatal care				
			No care	1st trimester	2nd trimester	3rd trimester	Unknown
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		5,150†	150†	3,000†	1,230†	390†	380†
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	20†	0	12	*	*	0
	<b>Cocopah Tribe</b>	10†	*	*	*	*	*
	<b>Colorado River Indian Tribe</b>	20†	0	*	*	*	9
	<b>Fort McDowell Yavapai Nation Reservation</b>	30†	*	12	*	*	*
	<b>Fort Mohave Indian Tribe</b>	10†	*	*	*	0	*
	<b>Gila River Indian Community</b>	240†	*	156	35	18	21
	<b>Havasupai Tribe</b>	10†	0	*	*	0	*
	<b>Hopi Tribe</b>	120†	*	53	41	13	10
	<b>Hualapai Tribe</b>	30†	*	13	9	*	0
	<b>Navajo Nation</b>	1,293	18	841	279	82	73
	<b>Pascua Yaqui Tribe</b>	20†	0	11	*	*	0
	<b>Salt River Pima-Maricopa Indian Community</b>	103	7	56	23	8	9
	<b>San Carlos Apache Tribe</b>	309	25	78	106	57	43
	<b>Tohono O'Odham Nation</b>	146	13	61	54	14	*
	<b>White Mountain Apache Tribe</b>	300†	*	177	78	18	20
	<b>Yavapai-Apache Nation</b>	10†	0	*	*	*	0
<b>Yavapai-Prescott Indian Tribe</b>	0†	0	*	0	0	0	
<b>TOTAL</b>	2,640†	80†	1,490†	650†	220†	200†	
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	1,297	37	782	295	85	98
	<b>---in Pima County</b>	312	18	176	82	28	8
	<b>---in Coconino County</b>	330†	*	225	77	20	8
	<b>---elsewhere in Arizona</b>	567	10	331	122	33	71
	<b>TOTAL</b>	2,508	70†	1,514	576	166	185

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**4.11  
NUMBER OF PRENATAL VISITS (2014 STATUS)**

		TOTAL BIRTHS	Prenatal visits					Unknown
			No visits	1-4 visits	5-8 visits	9-12 visits	13+ visits	
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		5,150†	150†	540†	1,320†	2,120†	930†	90†
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	20†	0	*	*	9	*	0
	<b>Cocopah Tribe</b>	10†	*	*	*	*	*	*
	<b>Colorado River Indian Tribe</b>	20†	0	0	*	*	*	*
	<b>Fort McDowell Yavapai Nation Reservation</b>	30†	*	*	*	9	*	*
	<b>Fort Mohave Indian Tribe</b>	10†	*	0	*	*	*	0
	<b>Gila River Indian Community</b>	240†	*	22	37	135	30	6
	<b>Havasupai Tribe</b>	10†	0	0	*	*	*	0
	<b>Hopi Tribe</b>	120†	*	9	34	47	26	*
	<b>Hualapai Tribe</b>	30†	*	*	7	14	0	0
	<b>Navajo Nation</b>	1,293	18	104	299	546	316	10
	<b>Pascua Yaqui Tribe</b>	20†	0	*	*	9	*	0
	<b>Salt River Pima-Maricopa Indian Community</b>	103	7	11	33	29	20	*
	<b>San Carlos Apache Tribe</b>	309	25	73	108	61	20	22
	<b>Tohono O'Odham Nation</b>	146	13	23	56	38	15	*
	<b>White Mountain Apache Tribe</b>	300†	*	44	119	116	11	*
	<b>Yavapai-Apache Nation</b>	10†	0	*	*	*	0	0
<b>Yavapai-Prescott Indian Tribe</b>	0†	0	0	0	0	*	0	
	<b>TOTAL</b>	2,640†	80†	300†	720†	1,030†	450†	50†
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	1,297	37	109	313	612	211	15
	<b>---in Pima County</b>	312	18	56	92	87	57	*
	<b>---in Coconino County</b>	330†	*	28	71	151	79	*
	<b>---elsewhere in Arizona</b>	567	10	45	124	236	135	17
		<b>TOTAL</b>	2,508	70†	238	600	1,086	482

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**4.12  
OBSTETRIC PROCEDURES (2014 STATUS)**

		TOTAL BIRTHS	Births with obstetrics procedure	Obstetric procedures <sup>a</sup>					
				Induction of labor	Augmentation of labor	Cervical cerclage	Tocolysis	External cephalic version successful	External cephalic version failed
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		5,150†	2,130†	1,200†	1,120†	40†	10†	10†	20†
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	20†	7	*	*	0	0	0	0
	<b>Cocopah Tribe</b>	10†	*	*	*	0	0	0	0
	<b>Colorado River Indian Tribe</b>	20†	*	*	*	0	0	0	0
	<b>Fort McDowell Yavapai Nation Reservation</b>	30†	7	*	*	0	0	0	0
	<b>Fort Mohave Indian Tribe</b>	10†	6	*	*	0	0	0	0
	<b>Gila River Indian Community</b>	235	76	55	40	0	0	0	0
	<b>Havasupai Tribe</b>	10†	*	*	*	0	0	0	0
	<b>Hopi Tribe</b>	120†	48	31	20	*	*	0	*
	<b>Hualapai Tribe</b>	25	11	6	7	0	0	0	0
	<b>Navajo Nation</b>	1,290†	504	289	265	8	*	10	12
	<b>Pascua Yaqui Tribe</b>	20†	11	*	6	0	0	0	0
	<b>Salt River Pima-Maricopa Indian Community</b>	100†	44	31	23	0	*	0	0
	<b>San Carlos Apache Tribe</b>	310†	117	64	62	8	0	*	0
	<b>Tohono O'Odham Nation</b>	150†	100	47	54	0	0	0	*
	<b>White Mountain Apache Tribe</b>	300†	119	48	68	*	0	0	*
	<b>Yavapai-Apache Nation</b>	10†	*	*	*	0	0	0	0
<b>Yavapai-Prescott Indian Tribe</b>	1	0	0	0	0	0	0	0	
	<b>TOTAL</b>	2,640†	1,060†	600†	560†	20†	0†	10†	20†
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	1,300†	460	282	223	*	0	0	*
	<b>---in Pima County</b>	310†	206	95	118	*	*	0	*
	<b>---in Coconino County</b>	330†	153	87	95	0	*	0	0
	<b>---elsewhere in Arizona</b>	570†	247	134	123	21	*	0	*
		<b>TOTAL</b>	2,508	1,066	598	559	20†	10†	0

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; <sup>a</sup> Obstetric procedures do not sum to the number of total births as each birth may be associated with multiple obstetric procedures.



4.13

COMPLICATIONS OF LABOR AND DELIVERY (2014 STATUS)

		TOTAL BIRTHS	Births with complications of labor and or delivery	Complications of labor and/or delivery <sup>a</sup>												
				Premature rupture of the membranes	Precipitous labor	Prolonged labor	Breech presentation	Chorioamnionitis	Meconium staining of the amniotic fluid	Fetal intolerance	Maternal transfusion	Third or fourth degree perineal laceration	Ruptured uterus	Unplanned Hysterectomy	Admission to intensive care unit	Unplanned surgery following delivery
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		5,150 <sup>†</sup>	1,160 <sup>†</sup>	330 <sup>†</sup>	280 <sup>†</sup>	150 <sup>†</sup>	180 <sup>†</sup>	100 <sup>†</sup>	260 <sup>†</sup>	240 <sup>†</sup>	40 <sup>†</sup>	30 <sup>†</sup>	0 <sup>†</sup>	0 <sup>†</sup>	10 <sup>†</sup>	20 <sup>†</sup>
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	16	10 <sup>†</sup>	*	*	0	*	0	0	*	*	0	0	0	0	0
	<b>Cocopah Tribe</b>	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<b>Colorado River Indian Tribe</b>	15	0 <sup>†</sup>	0	*	0	*	0	*	0	0	0	0	0	0	0
	<b>Fort McDowell Yavapai Nation Reservation</b>	25	10 <sup>†</sup>	*	*	*	*	0	*	*	0	0	0	0	0	0
	<b>Fort Mohave Indian Tribe</b>	11	0 <sup>†</sup>	0	*	0	0	0	0	*	0	0	0	0	0	0
	<b>Gila River Indian Community</b>	235	50 <sup>†</sup>	7	12	8	8	*	9	12	*	*	0	0	0	0
	<b>Havasupai Tribe</b>	8	0 <sup>†</sup>	0	*	0	0	0	*	0	0	0	0	0	0	0
	<b>Hopi Tribe</b>	119	40 <sup>†</sup>	12	9	7	7	*	8	11	*	*	0	0	0	0
	<b>Hualapai Tribe</b>	25	0 <sup>†</sup>	0	0	0	*	0	*	0	0	0	0	0	0	0
	<b>Navajo Nation</b>	1,293	340 <sup>†</sup>	134	80	37	38	22	51	52	16	10	0	0	*	8
	<b>Pascua Yaqui Tribe</b>	16	0 <sup>†</sup>	*	0	*	*	0	*	*	0	0	0	0	0	0
	<b>Salt River Pima-Maricopa Indian Community</b>	103	20 <sup>†</sup>	*	7	*	6	*	10	*	0	*	0	0	0	*
	<b>San Carlos Apache Tribe</b>	309	70 <sup>†</sup>	20	23	*	9	*	8	14	14	*	0	*	*	*
	<b>Tohono O'Odham Nation</b>		30 <sup>†</sup>	8	7	*	*	*	10	*	0	*	0	0	0	*
	<b>White Mountain Apache Tribe</b>	298	50 <sup>†</sup>	6	13	7	10	*	19	16	*	*	0	0	*	*
	<b>Yavapai-Apache Nation</b>	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<b>Yavapai-Prescott Indian Tribe</b>	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<b>TOTAL</b>	2,640 <sup>†</sup>	620 <sup>†</sup>	190 <sup>†</sup>	160 <sup>†</sup>	70 <sup>†</sup>	90 <sup>†</sup>	40 <sup>†</sup>	120 <sup>†</sup>	120 <sup>†</sup>	30 <sup>†</sup>	20 <sup>†</sup>	0	0 <sup>†</sup>	10 <sup>†</sup>	10 <sup>†</sup>
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	1,297	280 <sup>†</sup>	69	58	31	46	45	77	66	6	*	*	*	*	*
	<b>---in Pima County</b>	312	80 <sup>†</sup>	21	40	11	9	*	18	6	0	*	*	*	*	0
	<b>---in Coconino County</b>	332	60 <sup>†</sup>	19	*	11	12	*	10	21	0	0	0	0	0	0
	<b>---elsewhere in Arizona</b>	567	120 <sup>†</sup>	29	23	19	23	7	27	29	*	6	0	0	*	*
		<b>TOTAL</b>	2,508	541	138	130 <sup>†</sup>	72	90	60 <sup>†</sup>	132	122	10 <sup>†</sup>	10 <sup>†</sup>	0 <sup>†</sup>	0 <sup>†</sup>	10 <sup>†</sup>

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; <sup>a</sup> Complications of labor and/or delivery do not sum to the sum of births with complications of labor and/or delivery as each birth may be associated with multiple complications.

**4.14  
METHOD OF DELIVERY (2014 STATUS)**

		TOTAL BIRTHS	Method of delivery <sup>a</sup>				
			Vaginal	C-Section	Forceps	Vacuum	Unknown
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		5,150†	3,880†	1,170†	20†	70†	0
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	16	10	6	0	0	0
	<b>Cocopah Tribe</b>	10	9	*	0	0	0
	<b>Colorado River Indian Tribe</b>	15	10	*	0	0	0
	<b>Fort McDowell Yavapai Nation Reservation</b>	25	17	7	0	*	0
	<b>Fort Mohave Indian Tribe</b>	11	9	*	0	0	0
	<b>Gila River Indian Community</b>	235	150	78	*	6	0
	<b>Havasupai Tribe</b>	8	6	*	0	0	0
	<b>Hopi Tribe</b>	119	95	23	0	*	0
	<b>Hualapai Tribe</b>	25	18	7	0	0	0
	<b>Navajo Nation</b>	1,293	1,080	194	6	13	0
	<b>Pascua Yaqui Tribe</b>	16	13	*	0	0	0
	<b>Salt River Pima-Maricopa Indian Community</b>	103	67	35	0	*	0
	<b>San Carlos Apache Tribe</b>	309	208	94	0	7	0
	<b>Tohono O'Odham Nation</b>	146	120	22	*	*	0
	<b>White Mountain Apache Tribe</b>	298	192	88	0	18	0
	<b>Yavapai-Apache Nation</b>	7	*	*	0	0	0
<b>Yavapai-Prescott Indian Tribe</b>	*	0	*	0	0	0	
	<b>TOTAL</b>	2,640†	2,010†	570†	10†	50†	0
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	1,297	935	346	*	11	0
	<b>---in Pima County</b>	312	260	49	*	*	0
	<b>---in Coconino County</b>	332	265	63	*	*	0
	<b>---elsewhere in Arizona</b>	567	417	140	*	6	0
		<b>TOTAL</b>	2,508	1,877	598	10†	20†

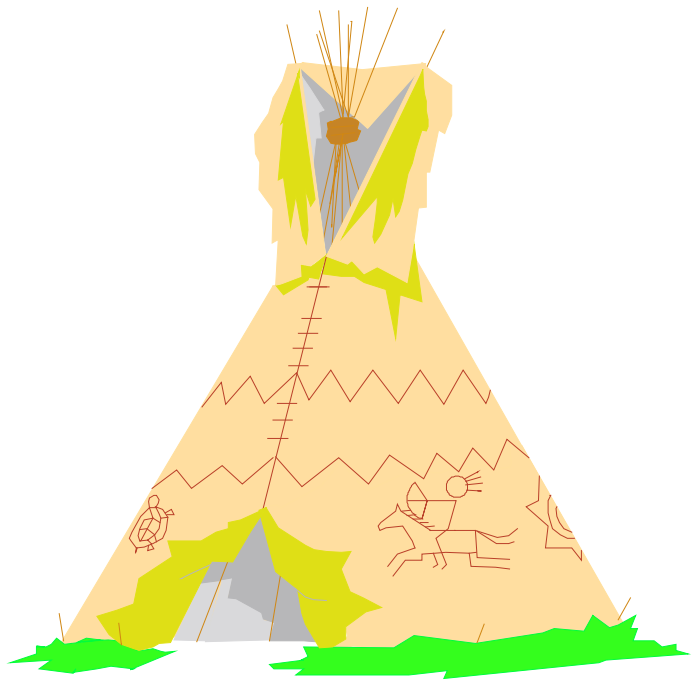
Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; <sup>a</sup> Method of delivery does not sum to the number of total births as each birth may be associated with multiple methods of delivery.

**4.15 (CORRECTION)  
ATTENDANT AT BIRTH (2014 STATUS)**

		TOTAL BIRTHS	M.D.	C.N.M. / C.M.	Hospital admin	Midwife	D.O.	Other	Un-known
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		5,150†	3,020†	1,390†	0	20†	530†	190†	0†
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	16	10	0	0	0	6	0	0
	<b>Cocopah Tribe</b>	10†	8	*	0	0	0	0	0
	<b>Colorado River Indian Tribe</b>	20†	13	0	0	0	*	*	0
	<b>Fort McDowell Yavapai Nation Reservation</b>	30†	21	*	0	0	0	0	0
	<b>Fort Mohave Indian Tribe</b>	11	11	0	0	0	0	0	0
	<b>Gila River Indian Community</b>	240†	164	13	0	0	55	*	0
	<b>Havasupai Tribe</b>	10†	6	0	0	0	*	0	0
	<b>Hopi Tribe</b>	120†	67	40	0	*	*	8	0
	<b>Hualapai Tribe</b>	30†	16	*	0	0	8	0	0
	<b>Navajo Nation</b>	1,290†	327	820	0	*	58	83	0
	<b>Pascua Yaqui Tribe</b>	20†	12	*	0	0	0	0	0
	<b>Salt River Pima-Maricopa Indian Community</b>	100†	84	12	0	0	*	*	0
	<b>San Carlos Apache Tribe</b>	310†	178	*	0	0	115	14	0
	<b>Tohono O'Odham Nation</b>	150†	140	*	0	0	*	*	0
	<b>White Mountain Apache Tribe</b>	300†	212	*	0	0	80	*	*
	<b>Yavapai-Apache Nation</b>	10†	6	*	0	0	0	0	0
<b>Yavapai-Prescott Indian Tribe</b>	0†	*	0	0	0	0	0	0	
	<b>TOTAL</b>	2,640†	1,280†	900†	0	10†	330†	120†	0†
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	1,297	829	335	0	0	95	38	0
	<b>---in Pima County</b>	310†	267	36	0	0	*	*	0
	<b>---in Coconino County</b>	332	236	37	0	10	39	10	0
	<b>---elsewhere in Arizona</b>	567	415	76	0	0	59	17	0
		<b>TOTAL</b>	2,508	1,747	484	0	10	200†	70†

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.





## Newborn's Health

**4.16  
GESTATIONAL AGE (2014 STATUS)**

		TOTAL BIRTHS	Length of gestation			
			<37 weeks	37-41 weeks	42+ weeks	Unknown
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		5,150†	420†	4,670†	20†	40†
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	20†	*	15	0	0
	<b>Cocopah Tribe</b>	10†	*	9	0	0
	<b>Colorado River Indian Tribe</b>	20†	*	13	0	0
	<b>Fort McDowell Yavapai Nation Reservation</b>	30†	*	22	0	*
	<b>Fort Mohave Indian Tribe</b>	11	0	11	0	0
	<b>Gila River Indian Community</b>	235	25	208	0	*
	<b>Havasupai Tribe</b>	10†	*	7	0	0
	<b>Hopi Tribe</b>	119	14	103	0	*
	<b>Hualapai Tribe</b>	30†	7	17	*	0
	<b>Navajo Nation</b>	1,290†	89	1,193	*	6
	<b>Pascua Yaqui Tribe</b>	20†	*	12	0	0
	<b>Salt River Pima-Maricopa Indian Community</b>	100†	7	93	*	*
	<b>San Carlos Apache Tribe</b>	309	38	263	0	8
	<b>Tohono O'Odham Nation</b>	146	12	134	0	0
	<b>White Mountain Apache Tribe</b>	298	37	260	0	*
	<b>Yavapai-Apache Nation</b>	10†	*	*	0	0
	<b>Yavapai-Prescott Indian Tribe</b>	0†	0	*	0	0
		<b>TOTAL</b>	2,640†	240†	2,370†	10†
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	1,297	98	1,184	8	7
	<b>---in Pima County</b>	310†	25	285	*	*
	<b>---in Coconino County</b>	332	20	312	0	0
	<b>---elsewhere in Arizona</b>	570†	39	522	*	*
		<b>TOTAL</b>	2,508	182	2,303	10†

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**4.17**  
**WEIGHT AT BIRTH (2014 STATUS)**

		TOTAL BIRTHS	Weight at birth					Unknown
			<1,000 grams	1,000- 1,499	1,500- 2,499	2,500- 3,999	4000+	
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		5,150†	30†	20†	270†	4,310†	510†	10†
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	20†	0	0	0	12	*	0
	<b>Cocopah Tribe</b>	10†	0	0	0	8	*	0
	<b>Colorado River Indian Tribe</b>	20†	0	0	*	10	*	0
	<b>Fort McDowell Yavapai Nation Reservation</b>	30†	0	0	0	22	*	0
	<b>Fort Mohave Indian Tribe</b>	11	0	0	0	11	0	0
	<b>Gila River Indian Community</b>	240†	*	0	15	193	26	0
	<b>Havasupai Tribe</b>	10†	0	0	*	7	0	0
	<b>Hopi Tribe</b>	120†	0	*	11	101	*	0
	<b>Hualapai Tribe</b>	30†	*	0	*	21	0	0
	<b>Navajo Nation</b>	1,290†	7	*	45	1,113	121	*
	<b>Pascua Yaqui Tribe</b>	20†	0	0	*	14	0	0
	<b>Salt River Pima-Maricopa Indian Community</b>	100†	*	*	*	81	17	0
	<b>San Carlos Apache Tribe</b>	310†	*	*	20	251	33	0
	<b>Tohono O'Odham Nation</b>	150†	0	*	*	123	17	0
	<b>White Mountain Apache Tribe</b>	300†	*	*	28	248	17	0
	<b>Yavapai-Apache Nation</b>	10†	0	0	0	6	*	0
<b>Yavapai-Prescott Indian Tribe</b>	0†	0	0	0	*	0	0	
	<b>TOTAL</b>	2,640†	20†	10†	130†	2,220†	250†	0†
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	1,300†	7	*	69	1,046	170	*
	<b>---in Pima County</b>	310†	0	*	23	258	28	*
	<b>---in Coconino County</b>	330†	0	*	16	288	27	0
	<b>---elsewhere in Arizona</b>	570†	*	*	27	496	39	*
		<b>TOTAL</b>	2,508	10†	10†	135	2,088	264

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**4.18  
ABNORMAL CONDITIONS OF THE NEWBORN (2014 STATUS)**

		TOTAL BIRTHS	Births with abnormal conditions of the newborn	Abnormal conditions <sup>a</sup>					
				Assisted ventilation immediately after delivery	Assisted ventilation for more than 6 hours	Surfactant replacement therapy	Suspected neonatal sepsis	Seizure or serious neurologic dysfunction	Significant birth injury
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		5,150†	204	120†	50†	20†	110†	0†	10†
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	16	*	0	0	0	*	0	0
	<b>Cocopah Tribe</b>	10	*	*	*	0	*	0	0
	<b>Colorado River Indian Tribe</b>	15	*	*	0	0	0	0	0
	<b>Fort McDowell Yavapai Nation Reservation</b>	25	0	0	0	0	0	0	0
	<b>Fort Mohave Indian Tribe</b>	11	0	0	0	0	0	0	0
	<b>Gila River Indian Community</b>	235	18	8	7	*	15	0	0
	<b>Havasupai Tribe</b>	8	0	0	0	0	0	0	0
	<b>Hopi Tribe</b>	119	*	*	*	0	*	0	0
	<b>Hualapai Tribe</b>	25	*	*	*	*	*	0	*
	<b>Navajo Nation</b>	1,293	42	24	6	*	24	0	0
	<b>Pascua Yaqui Tribe</b>	16	0	0	0	0	0	0	0
	<b>Salt River Pima-Maricopa Indian Community</b>	103	*	*	*	0	0	0	0
	<b>San Carlos Apache Tribe</b>	309	19	16	*	*	7	0	0
	<b>Tohono O'Odham Nation</b>	146	7	6	*	*	*	0	*
	<b>White Mountain Apache Tribe</b>	298	18	10	6	*	13	0	*
	<b>Yavapai-Apache Nation</b>	7	0	0	0	0	0	0	0
	<b>Yavapai-Prescott Indian Tribe</b>	*	0	0	0	0	0	0	0
	<b>TOTAL</b>	2,640†	120†	80†	30†	10†	70†	0	0†
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	1,297	37	15	7	*	22	0	0
	<b>---in Pima County</b>	312	11	6	*	*	*	0	*
	<b>---in Coconino County</b>	332	10	*	*	0	9	0	0
	<b>---elsewhere in Arizona</b>	567	26	19	*	*	11	*	*
		<b>TOTAL</b>	2,508	84	40†	20†	10†	50†	0†

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; <sup>a</sup> Abnormal conditions do not sum to the number of births with abnormal conditions of the newborn as each birth may be associated with multiple abnormal conditions.



**4.19  
CONGENITAL ANOMALIES / BIRTH DEFECTS (2014 STATUS)**

		TOTAL BIRTHS	Births with congenital anomalies	Congenital anomalies <sup>a</sup>											
				Anencephalus	Spina bifida / Meningocele	Cyanotic congenital heart disease	Congenital diaphragmatic hernia	Omphalocele / Gastroschisis	Limb reduction defect	Cleft lip / palate	Down syndrome	Suspected chromosomal disorder	Hypospadias	Unknown congenital anomalies	
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		5,145	41	0†	0†	0†	0	10†	0†	10†	0†	0†	0†	10†	
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	16	0	0	0	0	0	0	0	0	0	0	0	0	
	<b>Cocopah Tribe</b>	10	0	0	0	0	0	0	0	0	0	0	0	0	
	<b>Colorado River Indian Tribe</b>	15	0	0	0	0	0	0	0	0	0	0	0	0	
	<b>Fort McDowell Yavapai Nation Reservation</b>	25	0	0	0	0	0	0	0	0	0	0	0	0	
	<b>Fort Mohave Indian Tribe</b>	11	0	0	0	0	0	0	0	0	0	0	0	0	
	<b>Gila River Indian Community</b>	235	*	0	*	0	0	0	0	0	0	0	0	0	
	<b>Havasupai Tribe</b>	8	0	0	0	0	0	0	0	0	0	0	0	0	
	<b>Hopi Tribe</b>	119	*	0	0	0	0	0	0	*	0	0	*	*	
	<b>Hualapai Tribe</b>	25	0	0	0	0	0	0	0	0	0	0	0	0	
	<b>Navajo Nation</b>	1,293	13	*	0	0	0	0	0	0	6	0	*	0	*
	<b>Pascua Yaqui Tribe</b>	16	0	0	0	0	0	0	0	0	0	0	0	0	
	<b>Salt River Pima-Maricopa Indian Community</b>	103	0	0	0	0	0	0	0	0	0	0	0	0	
	<b>San Carlos Apache Tribe</b>	309	*	0	0	*	0	0	0	0	0	0	0	0	
	<b>Tohono O'Odham Nation</b>	146	*	*	0	0	0	0	0	0	0	0	0	0	
	<b>White Mountain Apache Tribe</b>	298	*	0	*	0	0	0	*	0	0	0	0	0	
	<b>Yavapai-Apache Nation</b>	7	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Yavapai-Prescott Indian Tribe</b>	*	0	0	0	0	0	0	0	0	0	0	0	0		
<b>TOTAL</b>	1,300†	10†	0†	0†	0†	0	1	0†	0†	1	0†	0†	0†		
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	312	*	*	0	0	0	*	0	0	*	0	0	0	
	<b>---in Pima County</b>	332	*	0	0	0	0	0	0	*	0	0	0	*	
	<b>---in Coconino County</b>	567	*	0	0	0	0	*	0	*	0	0	0	*	
	<b>---elsewhere in Arizona</b>	2,637	20	*	*	*	0	0	*	7	0	*	*	*	
	<b>TOTAL</b>	2,508	20†	0†	0†	0†	0	10†	0	0†	0†	0†	0	10†	

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; <sup>a</sup> Congenital anomalies do not sum to the number of births with congenital anomalies as each birth may be associated with multiple congenital anomalies.

4.20

CAUSES OF INFANT DEATHS AMONG AMERICAN INDIAN RESIDENTS, ARIZONA, 2014

	TOTAL STATE	Resided on reservation										Resided off reservation				
		Colorado River Indian Tribe	Gila River Indian Community	Hopi Tribe	Hualapai Tribe	Navajo Nation	Salt River Pima-Maricopa Indian Community	San Carlos Apache Tribe	Tohono O'Odham Nation	White Mountain Apache Tribe	Total	---in Maricopa County	---in Pima County	---in Coconino County	---elsewhere in Arizona	Total
<b>Total, all causes</b>	45	1	0†	1	0†	10†	0†	0†	0†	10†	30†	10†	0†	0†	0†	20†
<b>Certain conditions originating in the perinatal period</b>	10†	0	0	0	*	*	*	*	0	*	10†	*	0	0	0	10†
<b>Maternal complications</b>	0†	0	0	0	0	0	0	*	0	0	0†	0	0	0	0	0
<b>Complications of placenta, cord and membrane</b>	10†	0	0	0	0	*	0	0	0	*	0†	*	0	0	0	0†
<b>Short gestation and low birth weight</b>	0†	0	0	0	0	*	*	0	0	0	0†	*	0	0	0	0†
<b>Bacterial sepsis of newborn</b>	0†	0	0	0	0	0	0	*	0	0	0†	0	0	0	0	0
<b>Congenital malformations</b>	10†	0	0	0	0	0	0	0	*	*	0†	*	*	*	0	10†
<b>of heart</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>of brain, spinal cord or nervous system</b>	0†	0	0	0	0	0	0	0	*	0	0†	0	*	*	0	0†
<b>Sudden infant death syndrome</b>	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	*	0†
<b>Accidents (unintentional injury)</b>	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0†
<b>Influenza and pneumonia</b>	0†	0	*	0	0	0	0	0	0	0	0†	0	0	0	0	0
<b>Diseases of the digestive system</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Infectious and parasitic diseases</b>	0†	0	*	0	0	0	0	0	0	0	0†	0	0	0	0	0
<b>Diseases of the nervous system</b>	0†	0	0	0	0	0	0	0	*	*	0†	0	0	0	0	0
<b>Choked on food</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Mechanical suffocation</b>	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0†
<b>Drug poisoning, undetermined intent</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**4.21**  
**COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY**  
**COUNTY OF RESIDENCE, ARIZONA, 2014**

		Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
<b>Total births</b>		5,145	730†	10†	690†	210†	120†	0†	40†	1,460†	70†	900†	470†	350†	0†	40†	10†	5
<b>Mother's age group</b>	<b>&lt;15</b>	10†	*	0	*	*	0	0	0	*	0	*	0	0	0	0	0	0
	<b>15-17</b>	200†	22	0	29	12	*	0	*	50	*	38	21	12	*	*	*	0
	<b>18-19</b>	400†	57	*	52	20	11	0	*	101	*	70	37	35	*	*	*	0
	<b>20-24</b>	1,690†	225	*	218	75	48	*	14	461	28	304	169	113	0	11	17	*
	<b>25-29</b>	1,480†	179	*	214	58	28	0	11	441	19	260	132	106	0	13	11	*
	<b>30-34</b>	870†	130	*	117	27	21	0	9	264	10	145	77	51	*	*	6	0
	<b>35-39</b>	420†	89	*	46	16	8	0	0	125	*	59	33	30	0	*	*	0
	<b>40-44</b>	90†	23	*	14	*	*	0	*	19	0	20	*	*	0	0	0	0
	<b>45+</b>	0†	0	0	*	0	0	0	0	0	0	*	0	*	0	0	0	0
<b>Unknown</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Payee for births</b>	<b>AHCCCS</b>	3,510†	492	7	557	95	29	0	22	986	39	759	313	153	*	24	23	*
	<b>IHS</b>	970†	205	*	37	92	73	*	16	222	11	68	83	142	0	*	12	0
	<b>Private insurance</b>	580†	23	*	92	21	16	*	*	216	11	60	75	45	*	*	*	0
	<b>Self</b>	70†	*	0	6	*	*	0	0	30	*	11	*	8	0	*	*	0
	<b>Unknown</b>	20†	*	0	*	*	0	0	0	8	*	*	*	*	0	0	0	0
<b>Mother's education</b>	<b>8th Grade or Less</b>	110†	*	*	9	7	*	0	*	40	*	16	17	15	0	0	0	0
	<b>Some High School</b>	1,340†	141	*	136	67	24	0	12	355	19	250	160	143	*	15	15	*
	<b>High School / GED</b>	1,770†	233	*	257	79	66	*	18	444	29	351	151	107	*	9	12	*
	<b>Some College</b>	1,320†	231	7	176	44	18	0	*	437	11	207	100	62	0	10	9	*
	<b>Associate Degree</b>	340†	66	0	68	6	9	0	0	100	*	47	25	15	0	*	*	0
	<b>Bachelor's Degree</b>	170†	36	*	32	*	0	0	0	54	*	16	15	6	0	0	*	0
	<b>Postgraduate Education</b>	70†	10	0	14	*	0	0	*	23	0	8	6	*	0	0	0	0
	<b>Unknown</b>	30†	7	0	*	0	*	0	*	9	0	*	0	0	0	0	0	0
<b>Marital status</b>	<b>Married</b>	1,020†	140	6	152	52	21	0	*	293	13	193	73	63	0	7	8	0
	<b>Unmarried</b>	4,060†	578	8	535	157	98	*	37	1,150	51	696	394	284	*	29	30	*
	<b>Other<sup>a</sup></b>	60†	9	0	6	*	*	0	*	19	*	11	7	*	0	0	*	0
<b>Weight gain</b>	<b>Inadequate</b>	1,190†	189	*	151	51	17	0	9	328	17	205	124	59	*	10	19	*
	<b>Adequate</b>	1,510†	234	*	225	49	31	*	14	416	15	274	127	93	*	11	10	*
	<b>Excessive</b>	2,380†	293	7	306	108	69	*	14	699	33	410	220	194	*	15	11	*
	<b>Unknown</b>	70†	11	0	11	*	*	0	*	19	0	11	*	*	0	0	0	0
<b>Substance use</b>	<b>Non Smoker</b>	5,020†	706	14	679	207	118	*	38	1,428	56	885	468	336	*	34	38	*
	<b>Light Smoker</b>	60†	*	0	7	*	*	0	*	21	*	7	*	12	0	*	*	0
	<b>Heavy Smoker</b>	10†	0	0	*	0	0	0	0	*	*	0	*	*	0	0	*	0
	<b>Unknown</b>	50†	20	0	6	*	*	0	*	8	*	8	*	*	0	0	0	0
<b>Length of gestation</b>	<b>&lt;37 weeks</b>	420†	51	*	46	26	14	0	*	110	9	81	41	30	*	*	*	0
	<b>37-41 weeks</b>	4,670†	668	13	645	178	106	*	36	1,333	55	813	431	315	*	32	36	*
	<b>42+ weeks</b>	20†	*	0	*	0	0	0	0	9	*	*	*	*	0	0	0	0
	<b>Unknown</b>	40†	7	0	*	7	*	0	*	10	0	*	*	*	0	0	0	0

**4.21 (continued)**  
**COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY**  
**COUNTY OF RESIDENCE, ARIZONA, 2014**

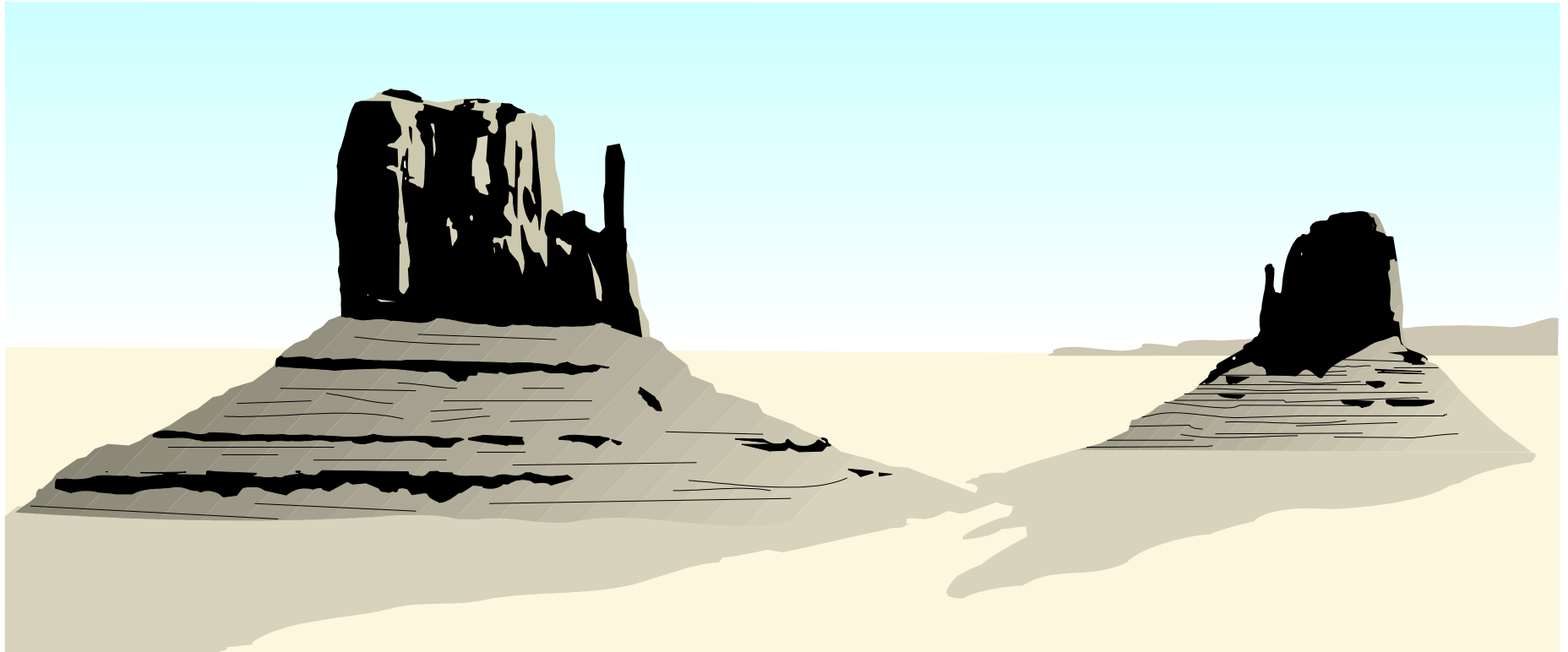
		Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
<b>Weight at birth</b>	<b>&lt;1,000 grams</b>	30+	*	0	*	*	0	0	0	8	*	*	0	*	0	0	*	0
	<b>1,000-1,499</b>	20+	*	0	*	*	*	0	0	*	0	*	*	0	*	0	0	0
	<b>1,500-2,499</b>	270+	23	0	26	12	8	0	*	72	*	67	30	21	*	*	*	0
	<b>2,500-3,999</b>	4,310+	633	14	596	172	101	*	33	1,180	58	766	395	291	*	32	31	*
	<b>4000+</b>	510+	63	0	66	23	11	0	6	196	*	57	45	36	0	*	6	0
	<b>Unknown</b>	10+	*	0	0	0	0	0	0	*	0	0	*	*	0	0	0	0
<b>Prenatal care</b>	<b>No care</b>	150+	8	*	9	18	9	0	0	46	*	12	31	6	0	*	*	0
	<b>1st trimester</b>	3,000+	457	*	481	43	45	*	6	872	36	543	248	224	*	18	20	*
	<b>2nd trimester</b>	1,230+	159	7	147	77	37	0	*	326	17	224	140	56	*	16	13	*
	<b>3rd trimester</b>	390+	47	0	37	41	19	*	*	101	*	64	43	24	0	*	*	0
	<b>Unknown</b>	380+	56	*	19	32	11	0	31	117	*	57	12	40	0	0	*	0
<b>Prenatal visits</b>	<b>No visits</b>	150+	8	*	9	18	9	0	0	46	*	12	31	6	0	*	*	0
	<b>1-4 visits</b>	540+	63	*	48	44	33	0	*	130	*	92	81	32	*	*	*	0
	<b>5-8 visits</b>	1,320+	171	*	139	67	47	*	14	352	19	274	152	61	*	9	10	*
	<b>9-12 visits</b>	2,120+	335	6	306	49	20	0	8	674	31	328	134	187	*	17	19	*
	<b>13+ visits</b>	930+	144	*	186	17	6	*	13	238	7	185	73	50	0	7	*	*
	<b>Unknown</b>	90+	6	*	*	16	6	0	*	22	0	9	*	14	0	0	*	0
<b>Newborn intensive care</b>	<b>Yes</b>	4,900+	713	14	683	191	117	*	42	1,374	64	867	447	309	*	35	38	*
	<b>No</b>	240+	14	0	10	20	*	0	0	88	*	33	27	41	*	*	*	0
<b>Method of delivery</b>	<b>Vaginal</b>	3,880+	617	10	550	150	76	0	26	1,041	47	689	393	230	*	23	26	*
	<b>C-Section</b>	1,170+	104	*	127	59	40	*	14	401	18	187	74	114	0	11	13	*
	<b>Forceps</b>	20+	*	0	*	0	0	0	*	*	0	*	*	*	0	*	0	0
	<b>Vacuum</b>	70+	*	0	13	*	*	0	*	15	0	22	*	*	0	0	0	*
	<b>Unknown</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Obstetric procedures<sup>b</sup></b>	<b>Total</b>	2,130+	263	7	308	76	50	0	9	523	33	377	317	132	*	14	17	*
	<b>Induction of labor</b>	1,196	144	6	170	50	21	0	7	324	18	203	147	86	0	11	9	0
	<b>Augmentation of labor</b>	1,120+	140	*	181	33	32	0	*	255	19	180	178	77	*	*	13	0
	<b>Cervical cerclage</b>	10+	*	0	*	0	0	0	0	*	0	*	*	0	0	0	*	0
	<b>Tocolysis</b>	40+	*	0	*	*	*	0	0	*	*	25	*	0	0	0	0	*
	<b>External cephalic version successful</b>	10+	6	0	*	*	0	0	0	0	0	0	0	0	0	0	0	0
	<b>External cephalic version failed</b>	20+	8	0	*	0	0	0	0	*	0	6	*	0	0	0	0	0
<b>Births with medical risk factors<sup>b</sup></b>	<b>Total</b>	1,610+	243	*	210	58	42	0	10	483	9	270	146	112	0	7	11	*
	<b>Pre-existing diabetes</b>	140+	21	0	10	*	*	0	0	47	*	18	16	18	0	*	*	0
	<b>Gestational diabetes</b>	630+	65	*	86	24	12	0	*	244	*	92	51	37	0	*	*	*
	<b>Pre-existing hypertension</b>	100+	12	0	17	*	*	0	0	32	0	11	9	12	0	0	*	0
	<b>Gestational hypertension</b>	440+	72	*	57	20	15	0	*	119	*	76	47	31	0	*	0	0
	<b>Eclampsia</b>	20+	*	0	*	*	0	0	*	8	0	6	0	0	0	0	0	0
	<b>Previous preterm birth</b>	230+	29	0	34	*	*	0	*	58	*	53	25	16	0	*	*	0
	<b>Other previous poor pregnancy outcome</b>	70+	12	0	11	*	*	0	*	22	*	10	*	6	0	0	*	0
	<b>Gonorrhea</b>	20+	*	0	*	*	*	0	0	8	0	*	*	*	0	0	0	0
	<b>Syphilis</b>	10+	*	0	*	*	0	0	0	*	0	*	*	*	0	0	0	0
	<b>Chlamydia</b>	360+	90	*	49	17	16	0	*	64	*	69	31	18	0	0	*	0
	<b>Hepatitis B</b>	0+	0	0	0	0	0	0	0	0	0	*	0	*	0	0	0	0
	<b>Hepatitis C</b>	20+	*	0	*	0	0	0	0	*	0	*	*	*	0	0	0	0

**4.21 (continued)**  
**COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY**  
**COUNTY OF RESIDENCE, ARIZONA, 2014**

		Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
<b>Births with complications of labor and delivery<sup>b</sup></b>	<b>Total</b>	1,160†	196	*	149	58	14	0	6	319	7	210	114	75	*	*	7	0
	<b>Premature rupture of the membranes</b>	330†	82	*	50	18	*	0	0	74	*	58	31	9	*	0	*	0
	<b>Precipitous labor</b>	280†	48	0	24	20	*	0	*	67	*	53	47	17	*	0	0	0
	<b>Prolonged labor</b>	150†	22	*	24	*	*	0	0	36	*	28	17	10	0	0	0	0
	<b>Breech presentation</b>	180†	23	*	26	8	*	0	*	56	*	33	14	12	0	0	*	0
	<b>Chorioamnionitis</b>	100†	6	0	15	*	0	0	*	47	0	11	8	6	*	0	0	0
	<b>Meconium staining of the amniotic fluid</b>	260†	28	*	24	10	0	0	*	93	*	46	29	11	*	*	*	7
	<b>Fetal intolerance</b>	240†	26	*	39	15	*	0	*	76	*	44	11	23	0	*	*	0
	<b>Maternal transfusion</b>	40†	7	0	*	10	*	0	*	6	0	9	0	*	0	0	*	0
	<b>Third or fourth degree perineal laceration</b>	30†	9	0	*	*	0	0	*	*	0	6	*	*	0	0	0	0
	<b>Ruptured uterus</b>	0†	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0
	<b>Unplanned Hysterectomy</b>	0†	0	0	0	*	0	0	0	*	0	0	*	0	0	0	0	0
	<b>Admission to intensive care unit</b>	10†	0	0	*	*	0	0	*	*	0	*	*	0	0	0	0	0
<b>Unplanned surgery following delivery</b>	20†	*	0	*	*	0	0	*	6	0	*	*	0	0	0	0	0	
<b>Abnormal conditions of the newborn<sup>b</sup></b>	<b>Total</b>	200†	18	0	26	15	*	0	9	41	*	37	18	27	0	*	*	0
	<b>Assisted ventilation immediately after delivery</b>	120†	13	0	11	12	*	0	9	19	*	22	12	12	0	0	*	0
	<b>Assisted ventilation for more than 6 hours</b>	50†	*	0	*	*	0	0	0	8	*	8	8	9	0	0	*	0
	<b>Surfactant replacement therapy</b>	20†	*	0	*	*	0	0	0	*	*	*	*	*	0	0	*	0
	<b>Suspected neonatal sepsis</b>	110†	10	0	20	7	0	0	0	22	*	21	*	22	0	0	*	0
	<b>Seizure or serious neurologic dysfunction</b>	0†	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Congenital anomalies of the newborn<sup>b</sup></b>	<b>Total</b>	40†	*	0	7	*	0	0	*	10	0	11	*	*	*	0	0	0
	<b>Anencephalus</b>	0†	*	0	*	0	0	0	0	0	0	0	*	0	0	0	0	0
	<b>Spina bifida / Meningocele</b>	0†	0	0	0	0	0	0	0	*	0	*	0	*	0	0	0	0
	<b>Cyanotic congenital heart disease</b>	0†	0	0	0	*	0	0	0	*	0	0	0	0	0	0	0	0
	<b>Congenital diaphragmatic hernia</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<b>Omphalocele / Gastroschisis</b>	10†	0	0	0	0	0	0	0	*	0	*	*	0	*	0	0	0
	<b>Limb reduction defect</b>	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
	<b>Cleft lip / palate</b>	10†	0	0	*	0	0	0	*	*	0	*	0	0	0	0	0	0
	<b>Down syndrome</b>	0†	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0
	<b>Suspected chromosomal disorder</b>	0†	0	0	0	0	0	0	0	*	0	*	0	0	0	0	0	0
	<b>Hypospadias</b>	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
	<b>Unknown congenital anomalies</b>	10†	*	0	*	0	0	0	0	*	0	*	0	0	0	0	0	0
<b>Infant mortality<sup>c</sup></b>	<b>Total</b>	50†	10†	0	0†	0†	0†	0	0†	14	0†	10†	0†	0†	0	0	0	0†
	<b>Neonatal</b>	30†	*	0	*	*	*	0	*	8	*	*	*	0	0	0	0	0
	<b>Postneonatal</b>	20†	*	0	*	*	0	0	0	6	0	*	0	*	0	0	0	*

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; a 'Refused', 'Yes, divorced', 'Unknown'; b Total birth where an obstetric procedure; medical risk factor; complication of labor and delivery; abnormal condition of the newborn; or a congenital anomaly of the newborn was identified; c Total infant mortality includes unknown county of residence.

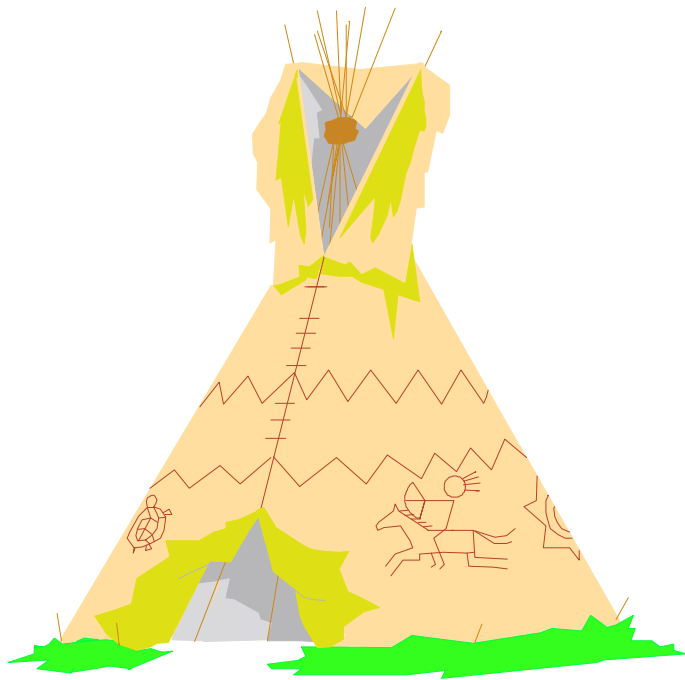




**V.**  
**PATTERNS OF MORTALITY AMONG AMERICAN INDIANS  
BY PLACE OF RESIDENCE IN ARIZONA  
IN 2014**







## **AGE-SPECIFIC MORTALITY**

**5.1**  
**AGE-SPECIFIC MORTALITY AMONG AMERICAN INDIANS IN 2014**

		TOTAL	Age group											
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unknown
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		2,070†	50†	20†	10†	90†	170†	190†	300†	340†	320†	340†	0	0
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	0†	0	0	0	0	*	0	0	*	*	*	0	0
	<b>Cocopah Tribe</b>	10†	0	0	0	*	0	*	*	*	*	*	0	0
	<b>Colorado River Indian Tribe</b>	10†	*	0	0	*	0	*	*	*	*	0	0	0
	<b>Fort McDowell Yavapai Nation Reservation</b>	10†	0	0	0	*	*	*	*	0	*	*	0	0
	<b>Gila River Indian Community</b>	120†	*	0	*	8	7	15	21	17	28	15	7	0
	<b>Havasupai Tribe</b>	0†	0	0	0	0	*	0	0	0	0	0	0	0
	<b>Hopi Tribe</b>	70†	*	0	0	*	*	*	7	12	10	15	22	0
	<b>Hualapai Tribe</b>	20†	*	0	*	*	*	*	*	7	*	0	0	0
	<b>Navajo Nation</b>	610†	8	*	*	30	48	49	69	86	90	121	102	0
	<b>Pascua Yaqui Tribe</b>	0†	0	0	0	0	0	0	*	*	*	0	0	0
	<b>Salt River Pima-Maricopa Indian Community</b>	50†	*	0	0	6	6	8	*	10	7	*	*	0
	<b>San Carlos Apache Tribe</b>	110†	*	*	*	6	9	7	22	24	18	10	*	0
	<b>Tohono O'Odham Nation</b>	80†	*	0	*	*	*	*	10	9	17	19	9	0
	<b>White Mountain Apache Tribe</b>	130†	*	0	*	*	25	13	19	18	22	17	8	0
	<b>Yavapai-Apache Nation</b>	10†	0	0	0	0	*	0	*	*	*	*	0	0
<b>Yavapai-Prescott Indian Tribe</b>	0†	0	0	0	0	0	0	0	0	*	0	*	0	
<b>TOTAL</b>		1,240†	30†	0†	10†	60†	110†	110†	170†	190†	210†	210†	160†	0
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	330	13	7	0	13	31	36	55	69	39	40	27	0
	<b>---in Pima County</b>	140†	*	*	0	*	11	13	24	27	23	27	12	0
	<b>---in Coconino County</b>	70†	*	0	*	*	9	8	10	9	*	10	16	0
	<b>---elsewhere in Arizona</b>	290†	*	*	*	12	13	24	46	38	51	52	47	0
	<b>TOTAL</b>	830†	20†	10†	0†	30†	64	81	135	143	120†	129	102	0

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**5.2**  
**AGE-SPECIFIC MORTALITY AMONG AMERICAN INDIAN MALES IN 2014**

		TOTAL	Age group											Unknown
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		1,150†	20†	10†	10†	60†	130†	110†	190†	180†	180†	160†	90†	0
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	0†	0	0	0	0	0	0	0	*	0	0	0	0
	<b>Cocopah Tribe</b>	10†	0	0	0	0	0	0	*	*	*	0	0	0
	<b>Colorado River Indian Tribe</b>	10†	*	0	0	0	0	*	*	*	*	0	0	0
	<b>Fort McDowell Yavapai Nation Reservation</b>	10†	0	0	0	*	*	0	*	0	*	*	0	0
	<b>Gila River Indian Community</b>	60†	*	0	0	*	*	11	14	*	15	*	*	0
	<b>Havasupai Tribe</b>	0†	0	0	0	0	*	0	0	0	0	0	0	0
	<b>Hopi Tribe</b>	40†	0	0	0	*	*	*	*	8	*	*	10	0
	<b>Hualapai Tribe</b>	10†	*	0	0	*	*	*	*	*	0	0	0	0
	<b>Navajo Nation</b>	380†	*	*	*	24	39	39	42	54	54	74	41	0
	<b>Pascua Yaqui Tribe</b>	0†	0	0	0	0	0	0	0	*	0	0	0	0
	<b>Salt River Pima-Maricopa Indian Community</b>	20†	*	0	0	*	*	*	*	6	*	*	0	0
	<b>San Carlos Apache Tribe</b>	60†	*	0	*	*	9	*	13	15	10	*	*	0
	<b>Tohono O'Odham Nation</b>	40†	*	0	*	*	*	*	7	7	9	7	*	0
	<b>White Mountain Apache Tribe</b>	80†	*	0	0	*	19	7	10	14	13	8	*	0
	<b>Yavapai-Apache Nation</b>	0†	0	0	0	0	*	0	0	0	*	*	0	0
<b>Yavapai-Prescott Indian Tribe</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	
	<b>TOTAL</b>	720†	20†	0†	10†	50†	90†	70†	100†	120†	120†	100†	60†	0
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	190†	8	*	0	11	24	22	37	27	24	21	8	0
	<b>---in Pima County</b>	70†	0	0	0	*	8	6	12	12	13	12	*	0
	<b>---in Coconino County</b>	40†	0	0	0	*	7	*	*	*	*	9	*	0
	<b>---elsewhere in Arizona</b>	150†	0	*	*	*	8	11	32	22	28	18	18	0
		<b>TOTAL</b>	440†	8	10†	0†	20†	47	40†	90†	70†	70†	60	30†

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**5.3**  
**AGE-SPECIFIC MORTALITY AMONG AMERICAN INDIAN FEMALES IN 2014**

		TOTAL	Age group										
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
<b>ALL AMERICAN INDIAN RESIDENTS OF ARIZONA</b>		920†	20†	10†	10†	30†	40†	70†	120†	150†	140†	180†	170†
<b>Resided on reservation</b>	<b>Ak-Chin Indian Community</b>	0†	0	0	0	0	*	0	0	0	*	*	0
	<b>Cocopah Tribe</b>	10†	0	0	0	*	0	*	0	*	*	*	0
	<b>Colorado River Indian Tribe</b>	0†	0	0	0	*	0	*	*	0	0	0	0
	<b>Fort McDowell Yavapai Nation Reservation</b>	10†	0	0	0	0	*	*	*	0	0	*	0
	<b>Gila River Indian Community</b>	60†	*	0	*	*	*	*	7	13	13	14	*
	<b>Havasupai Tribe</b>	0	0	0	0	0	0	0	0	0	0	0	0
	<b>Hopi Tribe</b>	40†	*	0	0	0	0	0	*	*	6	11	12
	<b>Hualapai Tribe</b>	10†	0	0	*	0	0	0	*	*	*	0	0
	<b>Navajo Nation</b>	230†	*	0	*	6	9	10	27	32	36	47	61
	<b>Pascua Yaqui Tribe</b>	0†	0	0	0	0	0	0	*	0	*	0	0
	<b>Salt River Pima-Maricopa Indian Community</b>	30†	0	0	0	*	*	6	*	*	*	*	*
	<b>San Carlos Apache Tribe</b>	40†	*	*	0	*	0	*	9	9	8	6	*
	<b>Tohono O'Odham Nation</b>	40†	*	0	0	0	*	*	*	*	8	12	7
	<b>White Mountain Apache Tribe</b>	50†	*	0	*	*	6	6	9	*	9	9	6
	<b>Yavapai-Apache Nation</b>	10†	0	0	0	0	0	0	*	*	0	0	0
<b>Yavapai-Prescott Indian Tribe</b>	0†	0	0	0	0	0	0	0	0	*	0	*	
	<b>TOTAL</b>	530†	10†	0†	10†	20†	20†	40†	70†	70†	90†	110†	100†
<b>Resided off reservation</b>	<b>---in Maricopa County</b>	140†	*	*	0	*	7	14	18	42	15	19	19
	<b>---in Pima County</b>	80†	*	*	0	0	*	7	12	15	10	15	10
	<b>---in Coconino County</b>	30†	*	0	*	0	*	*	*	*	*	*	12
	<b>---elsewhere in Arizona</b>	150†	*	0	0	8	*	13	14	16	23	34	29
		<b>TOTAL</b>	400†	10†	0†	0†	10†	20†	40†	50†	80†	50†	70†

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.



## CAUSE-SPECIFIC MORTALITY

**5.4**  
**DEATHS BY GENDER FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2014**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
<b>Total, all causes</b>	2,074	1,152	922
Salmonella infections	0†	0	*
Shigellosis and amebiasis	0	0	0
Certain other intestinal infections	12	6	6
Enterocolitis due to Clostridium difficile	10†	*	6
Tuberculosis	0†	0	*
Respiratory tuberculosis	0†	0	*
Other tuberculosis	0	0	0
Whooping cough	0	0	0
Scarlet fever and erysipelas	0	0	0
Meningococcal infection	0†	*	0
Septicemia	22	7	15
Syphilis	0	0	0
Acute poliomyelitis	0	0	0
Arthropod-borne encephalitis	0	0	0
Measles	0	0	0
Viral hepatitis	10†	12	*
Human immunodeficiency virus (HIV) disease	10†	*	*
Malaria	0	0	0
Other and unspecified infectious and parasitic diseases	13	6	7
Malignant neoplasms	224	122	102
Malignant neoplasm of lip, oral cavity and pharynx	0†	*	*
Malignant neoplasm of esophagus	10†	*	*
Malignant neoplasm of stomach	10†	6	*
Malignant neoplasm of colon, rectum and anus	17	11	6
Malignant neoplasm of liver and intrahepatic bile ducts	27	16	11
Malignant neoplasm of pancreas	10†	7	*
Malignant neoplasm of larynx	0†	*	0
Malignant neoplasm of trachea, bronchus and lung	25	13	12
Malignant melanoma of skin	0	0	0
Malignant neoplasm of breast	12	0	12
Malignant neoplasm of cervix uteri	0	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	0†	0	*
Malignant neoplasm of ovary	6	0	6
Malignant neoplasm of prostate	18	18	0
Malignant neoplasm of kidney and renal pelvis	10†	9	*
Malignant neoplasm of bladder	0†	*	*

**5.4 (continued)**  
**DEATHS BY GENDER FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2014**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Malignant neoplasm of meninges, brain and other parts of CNS	0†	*	*
Malignant neoplasm of lymphoid, hematopoietic and related tissue	22	10	12
Hodgkin's disease	0	0	0
Non-Hodgkin's lymphoma	10†	*	*
Leukemia	10†	*	*
Multiple myeloma and immunoproliferative neoplasms	10†	*	*
Other and unspecified malignant neoplasms of lymphoid tissue	0	0	0
All other and unspecified malignant neoplasm	47	21	26
In situ neoplasms	0†	*	0
Anemias	0†	*	*
Diabetes	153	81	72
Nutritional deficiencies	10†	*	*
Malnutrition	10†	*	*
Other nutritional deficiencies	0	0	0
Obesity	10†	*	*
Meningitis	0†	*	0
Parkinson's disease	18	11	7
Alzheimer's disease	37	11	26
Major cardiovascular diseases	323	186	137
Diseases of heart	236	150	86
Acute rheumatic fever and chronic rheumatic heart disease	0†	*	*
Hypertensive heart disease	29	19	10
Hypertensive heart and renal disease	0†	*	*
Ischemic heart disease	147	100	47
Acute myocardial infarction	36	21	15
Other acute ischemic heart disease	0	0	0
Other forms of chronic ischemic heart disease	111	79	32
Atherosclerotic cardiovascular disease	40	33	7
All other forms of chronic ischemic heart disease	71	46	25
Other heart diseases	55	29	26
Acute and subacute endocarditis	0†	*	0
Diseases of pericardium and acute myocarditis	0	0	0
Heart failure	10†	*	*
All other forms of heart disease	45	24	21
Essential (primary) hypertension and hypertensive renal disease	31	12	19
Cerebrovascular diseases	51	21	30

**5.4 (continued)**  
**DEATHS BY GENDER FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2014**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Atherosclerosis	0†	0	*
Other diseases of circulatory system	0†	*	*
Aortic aneurysm and dissection	0†	*	0
Other disease of arteries, arterioles and capillaries	0†	*	*
Other disorders of circulatory system	0†	0	*
Influenza and pneumonia	48	25	23
Influenza	0†	*	0
Pneumonia	44	21	23
Other acute lower respiratory infections	0	0	0
Acute bronchiolitis	0	0	0
Unspecified acute lower respiratory infection	0	0	0
Chronic lower respiratory diseases	28	13	15
Bronchitis, chronic and unspecified	0	0	0
Emphysema	0	0	0
Asthma	0†	*	*
Other chronic lower respiratory diseases	25	12	13
Pneumoconioses and chemical effects	0†	*	0
Pneumonitis due to solids and liquids	10†	*	6
Other disease of respiratory system	32	15	17
Peptic ulcer	10†	*	*
Diseases of appendix	0	0	0
Hernia	0†	*	*
Chronic liver disease and cirrhosis	162	73	89
Alcoholic liver disease	132	64	68
Other chronic liver disease and cirrhosis	30	9	21
Cholelithiasis and other disorders of gallbladder	0†	*	0
Nephritis, nephrotic syndrome and nephrosis	20	10	10
Acute and rapidly progressive nephritic and nephrotic syndrome	0	0	0
Chronic glomerulonephritis	0†	0	*
Renal failure	19	10	9
Others disorders of kidney	0	0	0
Infections of kidney	0†	0	*
Hyperplasia of prostate	0	0	0
Inflammatory diseases of female pelvic organs	0	0	0
Pregnancy, childbirth and the puerperium	0†	0	*



**5.4 (continued)**  
**DEATHS BY GENDER FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2014**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Pregnancy with abortive outcome	0	0	0
Other complications of pregnancy, childbirth and the puerperium	0†	0	*
Perinatal conditions	10†	9	*
Congenital anomalies, deformations and chromosomal abnormalities	18	8	10
Symptoms, signs, abnormal findings	72	42	30
Total accidents	289	207	82
Transport accidents	136	92	44
Motor vehicle accidents	131	88	43
Other land transport accidents	0†	*	*
Water, air, space	0†	*	0
Nontransport accidents	153	115	38
Falls	20	13	7
Accidental discharge of firearms	0†	*	0
Accidental drowning and submersion	10†	7	*
Accidental exposure to smoke, fire and flames	0†	*	*
Accidental poisoning	82	63	19
Excessive natural heat	0†	*	*
Excessive natural cold	10†	7	*
Other and unspecified nontransport accidents	37	28	9
Intentional self-harm (suicide)	53	45	8
By discharge of firearms	11	11	0
By other means	42	34	8
Assault (homicide)	30†	25	*
By discharge of firearms	10†	10	*
By other means	20†	15	*
Legal intervention	0†	*	0
Events of undetermined intent	10†	7	*
Discharge of firearms	0	0	0
Other and unspecified events of undetermined intent	10†	7	*
Operations of war	0	0	0
Complications of medical and surgical care	0†	*	0
<b>INJURY BY FIREARMS</b>	<b>30†</b>	<b>23</b>	<b>*</b>
<b>DRUG-INDUCED DEATHS</b>	<b>45</b>	<b>28</b>	<b>17</b>
<b>ALCOHOL-INDUCED DEATHS</b>	<b>220</b>	<b>134</b>	<b>86</b>

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

5.5

DEATHS BY AGE GROUP FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2014

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unknown
<b>Total, all causes</b>	2,074	45	15	13	90	173	187	302	335	320	336	258	0
Salmonella infections	0+	*	0	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis	0	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections	10+	0	0	0	0	0	0	0	*	*	*	*	0
Enterocolitis due to Clostridium difficile	10+	0	0	0	0	0	0	0	*	*	*	*	0
Tuberculosis	0+	0	0	0	0	0	0	0	0	*	0	0	0
Respiratory tuberculosis	0+	0	0	0	0	0	0	0	0	*	0	0	0
Other tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0
Whooping cough	0	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	0+	0	*	0	0	0	0	0	0	0	0	0	0
Septicemia	20+	0	0	0	0	*	*	*	*	6	*	*	0
Syphilis	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne encephalitis	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis	10+	0	0	0	0	0	*	*	7	*	0	0	0
Human immunodeficiency virus (HIV) disease	10+	0	0	0	0	*	*	*	0	0	*	0	0
Malaria	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases	10+	0	*	*	0	*	*	*	*	0	*	0	0
Malignant neoplasms	220+	0	*	*	*	*	6	23	54	50	60	24	0
Malignant neoplasm of lip, oral cavity and pharynx	0+	0	0	0	0	0	0	0	*	*	0	0	0
Malignant neoplasm of esophagus	10+	0	0	0	0	0	0	*	*	*	0	*	0
Malignant neoplasm of stomach	10+	0	0	0	0	0	0	0	*	*	*	*	0
Malignant neoplasm of colon, rectum and anus	20+	0	0	0	0	*	*	*	*	*	*	*	0
Malignant neoplasm of liver and intrahepatic bile ducts	30+	0	0	0	0	0	*	*	9	*	8	*	0
Malignant neoplasm of pancreas	10+	0	0	0	0	0	0	*	*	*	*	0	0
Malignant neoplasm of larynx	0+	0	0	0	0	0	0	0	0	0	0	*	0
Malignant neoplasm of trachea, bronchus and lung	30+	0	0	0	0	0	0	*	*	15	*	*	0
Malignant melanoma of skin	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of breast	10+	0	0	0	0	0	0	*	*	*	*	0	0
Malignant neoplasm of cervix uteri	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	0+	0	0	0	0	0	0	*	*	*	0	0	0
Malignant neoplasm of ovary	10+	0	0	0	0	*	0	0	*	*	*	0	0
Malignant neoplasm of prostate	20+	0	0	0	0	0	0	*	*	*	7	*	0

**5.5 (continued)**  
**DEATHS BY AGE GROUP FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2014**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unknown
Malignant neoplasm of kidney and renal pelvis	10†	0	0	0	0	0	0	*	*	*	*	*	0
Malignant neoplasm of bladder	0†	0	0	0	0	0	0	0	0	*	*	0	0
Malignant neoplasm of meninges, brain and other parts of CNS	0†	0	0	0	*	0	*	0	*	0	0	0	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	20†	0	*	*	0	*	*	*	*	*	*	*	0
Hodgkin's disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	10†	0	0	0	0	0	0	*	*	*	*	*	0
Leukemia	10†	0	*	*	0	*	*	0	*	*	*	0	0
Multiple myeloma and immunoproliferative neoplasms	10†	0	0	0	0	0	0	*	*	*	*	0	0
Other and unspecified malignant neoplasms of lymphoid tissue	0	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasm	50†	0	0	0	0	0	*	*	8	*	21	6	0
In situ neoplasms	0†	0	0	0	0	0	0	*	0	*	0	0	0
Anemias	0†	0	0	0	0	0	0	*	0	0	*	0	0
Diabetes	150†	0	0	*	*	*	10	24	32	37	35	10	0
Nutritional deficiencies	10†	0	0	0	0	0	0	*	0	*	*	*	0
Malnutrition	10†	0	0	0	0	0	0	*	0	*	*	*	0
Other nutritional deficiencies	0	0	0	0	0	0	0	0	0	0	0	0	0
Obesity	10†	0	0	0	*	*	0	*	*	0	*	0	0
Meningitis	0†	0	0	0	0	0	0	*	0	0	0	0	0
Parkinson's disease	20†	0	0	0	0	0	0	0	*	*	9	6	0
Alzheimer's disease	40†	0	0	0	0	0	0	0	*	*	11	20	0
Major cardiovascular diseases	320†	0	0	0	*	9	24	24	44	80	73	65	0
Diseases of heart	240†	0	0	0	*	7	19	19	29	60	55	44	0
Acute rheumatic fever and chronic rheumatic heart disease	0†	0	0	0	0	0	0	0	*	*	*	0	0
Hypertensive heart disease	30†	0	0	0	0	*	7	*	*	*	0	*	0
Hypertensive heart and renal disease	0†	0	0	0	0	0	*	0	0	0	*	0	0
Ischemic heart disease	150†	0	0	0	*	*	*	11	18	43	39	27	0
Acute myocardial infarction	40†	0	0	0	0	0	*	*	*	14	10	*	0
Other acute ischemic heart disease	0	0	0	0	0	0	0	0	0	0	0	0	0
Other forms of chronic ischemic heart disease	110†	0	0	0	*	*	*	9	14	29	29	22	0
Atherosclerotic cardiovascular disease	40†	0	0	0	*	*	*	6	*	10	8	*	0
All other forms of chronic ischemic heart disease	70†	0	0	0	0	*	*	*	9	19	21	17	0
Other heart diseases	60†	0	0	0	*	*	6	*	*	11	14	12	0
Acute and subacute endocarditis	0†	0	0	0	0	0	*	0	0	0	0	0	0
Diseases of pericardium and acute myocarditis	0	0	0	0	0	0	0	0	0	0	0	0	0
Heart failure	10†	0	0	0	0	0	0	*	0	*	*	*	0
All other forms of heart disease	50†	0	0	0	*	*	*	*	*	9	12	9	0

**5.5 (continued)**  
**DEATHS BY AGE GROUP FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2014**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unknown
Essential (primary) hypertension and hypertensive renal disease	30†	0	0	0	0	*	*	*	6	8	*	*	0
Cerebrovascular diseases	50†	0	0	0	0	*	*	*	9	11	10	16	0
Atherosclerosis	0†	0	0	0	0	0	0	0	0	0	*	0	0
Other diseases of circulatory system	0†	0	0	0	*	0	0	0	0	*	*	0	0
Aortic aneurysm and dissection	0†	0	0	0	*	0	0	0	0	0	0	0	0
Other disease of arteries, arterioles and capillaries	0†	0	0	0	0	0	0	0	0	*	*	0	0
Other disorders of circulatory system	0†	0	0	0	0	0	0	*	0	*	0	0	0
Influenza and pneumonia	50†	*	0	0	*	*	*	*	7	8	9	16	0
Influenza	0†	0	0	0	0	0	0	*	0	*	*	*	0
Pneumonia	40†	*	0	0	*	*	*	*	7	7	8	15	0
Other acute lower respiratory infections	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchiolitis	0	0	0	0	0	0	0	0	0	0	0	0	0
Unspecified acute lower respiratory infection	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases	30†	0	0	0	*	0	0	*	6	8	8	*	0
Bronchitis, chronic and unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema	0	0	0	0	0	0	0	0	0	0	0	0	0
Asthma	0†	0	0	0	*	0	0	0	*	0	0	0	0
Other chronic lower respiratory diseases	30†	0	0	0	0	0	0	*	*	8	8	*	0
Pneumoconioses and chemical effects	0†	0	0	0	0	0	0	0	0	0	0	*	0
Pneumonitis due to solids and liquids	10†	0	0	0	0	0	0	0	*	*	*	*	0
Other disease of respiratory system	30†	0	0	0	0	*	*	*	6	*	9	9	0
Peptic ulcer	10†	0	0	0	0	0	0	0	*	*	*	0	0
Diseases of appendix	0	0	0	0	0	0	0	0	0	0	0	0	0
Hernia	0†	0	0	0	0	0	0	0	0	*	0	*	0
Chronic liver disease and cirrhosis	160†	0	0	0	0	17	25	52	40	22	*	*	0
Alcoholic liver disease	130†	0	0	0	0	15	25	46	38	7	*	0	0
Other chronic liver disease and cirrhosis	30†	0	0	0	0	*	0	6	*	15	*	*	0
Cholelithiasis and other disorders of gallbladder	0†	0	0	0	0	0	0	*	0	0	0	0	0
Nephritis, nephrotic syndrome and nephrosis	20†	0	0	0	0	0	0	*	*	*	*	*	0
Acute and rapidly progressive nephritic and nephrotic syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis	0†	0	0	0	0	0	0	0	0	0	0	*	0
Renal failure	20†	0	0	0	0	0	0	*	*	*	*	*	0
Others disorders of kidney	0	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney	0†	0	0	0	0	0	0	0	0	0	0	*	0
Hyperplasia of prostate	0	0	0	0	0	0	0	0	0	0	0	0	0

**5.5 (continued)**  
**DEATHS BY AGE GROUP FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2014**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unknown
Inflammatory diseases of female pelvic organs	0	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium	0†	0	0	0	0	*	*	0	0	0	0	0	0
Pregnancy with abortive outcome	0	0	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium	0†	0	0	0	0	*	*	0	0	0	0	0	0
Perinatal conditions	13	13	0	0	0	0	0	0	0	0	0	0	0
Congenital anomalies, deformations and chromosomal abnormalities	20†	8	*	*	*	*	0	0	*	0	*	*	0
Symptoms, signs, abnormal findings	70†	8	*	0	*	7	11	14	8	*	*	12	0
Total accidents	290†	*	*	6	40	66	49	61	34	12	11	*	0
Transport accidents	140†	0	*	*	29	37	10	28	16	6	*	0	0
Motor vehicle accidents	130†	0	*	*	29	36	8	27	15	6	*	0	0
Other land transport accidents	0†	0	0	0	0	*	*	*	*	0	0	0	0
Water, air, space	0†	0	0	0	0	0	*	0	0	0	0	0	0
Nontransport accidents	150†	*	*	*	11	29	39	33	18	6	7	*	0
Falls	20†	0	0	0	0	*	*	6	*	*	*	*	0
Accidental discharge of firearms	0†	0	0	0	*	0	0	0	0	0	0	0	0
Accidental drowning and submersion	10†	0	*	0	*	0	*	*	*	0	0	0	0
Accidental exposure to smoke, fire and flames	0†	0	0	0	*	0	*	*	0	0	0	0	0
Accidental poisoning	80†	0	0	0	*	24	26	14	10	*	*	0	0
Excessive natural heat	0†	0	0	0	0	*	*	*	0	0	0	0	0
Excessive natural cold	10†	0	0	0	*	0	*	*	*	*	0	0	0
Other and unspecified nontransport accidents	40†	*	*	*	*	*	6	9	*	*	*	*	0
Intentional self-harm (suicide)	50†	0	0	*	16	19	7	*	*	*	*	0	0
By discharge of firearms	10†	0	0	0	*	*	*	0	*	*	0	0	0
By other means	40†	0	0	*	13	16	6	*	0	*	*	0	0
Assault (homicide)	30†	*	*	0	7	13	*	*	*	0	0	0	0
By discharge of firearms	10†	0	0	0	*	6	*	*	0	0	0	0	0
By other means	20†	*	*	0	*	7	*	*	*	0	0	0	0
Legal intervention	0†	0	0	0	0	*	0	0	0	0	0	0	0
Events of undetermined intent	10†	0	0	0	*	*	*	*	*	*	0	0	0
Discharge of firearms	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent	10†	0	0	0	*	*	*	*	*	*	0	0	0
Operations of war	0	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	0†	0	0	0	0	0	0	0	0	0	*	0	0
<b>INJURY BY FIREARMS</b>	<b>30†</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>10</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>DRUG-INDUCED DEATHS</b>	<b>50†</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>*</b>	<b>13</b>	<b>17</b>	<b>8</b>	<b>*</b>	<b>*</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>ALCOHOL-INDUCED DEATHS</b>	<b>220†</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>*</b>	<b>32</b>	<b>48</b>	<b>71</b>	<b>53</b>	<b>11</b>	<b>*</b>	<b>0</b>	<b>0</b>

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

5.6

DEATHS BY RESIDENCE FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2014

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ALL AMERICAN INDIAN RESIDENTS OF ARIZONA	Resided on reservation																	Resided off reservation				
		Ak-Chin Indian Community	Cocopah Tribe	Colorado River Indian Tribe	Fort McDowell Yavapai Nation Reservation	Gila River Indian Community	Havasupai Tribe	Hopi Tribe	Hualapai Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Indian Community	San Carlos Apache Tribe	Tohono O'Odham Nation	White Mountain Apache Tribe	Yavapai-Apache Nation	Yavapai-Prescott Indian Tribe	Total	in Maricopa County	in Pima County	in Coconino County	elsewhere in Arizona	Total
<b>Total, all causes</b>	2,074	4	12	10	12	122	1	72	19	610	3	50	105	79	134	8	2	1,240†	330	142	68	291	831
Salmonella infections	0†	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0†	0	0	0	0	0
Shigellosis and amebiasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections	10†	0	0	0	0	0	0	*	0	*	0	0	0	0	0	0	0	10†	*	*	0	*	10†
Enterocolitis due to Clostridium difficile	10†	0	0	0	0	0	0	*	0	*	0	0	0	0	0	0	0	10†	*	*	0	*	0†
Tuberculosis	0†	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0†	0	0	0	0	0
Respiratory tuberculosis	0†	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0†	0	0	0	0	0
Other tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Whooping cough	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0†
Septicemia	22	0	*	0	*	*	0	*	*	*	0	0	*	*	*	0	0	10†	*	*	0	*	10†
Syphilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne encephalitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis	14	0	0	0	*	*	0	0	0	*	0	0	*	0	0	0	0	10†	*	*	0	*	10†
Human immunodeficiency virus (HIV) disease	10†	0	0	0	0	0	0	0	0	*	0	0	0	*	*	0	0	0†	*	0	0	*	0†
Malaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases	13	0	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	10†	*	*	*	*	10†
Malignant neoplasms	224	*	*	0	0	13	0	13	0	60	0	*	14	6	9	*	0	120†	52	17	*	28	100†
Malignant neoplasm of lip, oral cavity and pharynx	0†	0	*	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0†	*	0	0	*	0†
Malignant neoplasm of esophagus	10†	0	0	0	0	0	0	*	0	0	0	0	*	0	0	0	0	0†	*	0	0	*	0†
Malignant neoplasm of stomach	10†	0	0	0	0	*	0	0	0	*	0	0	0	*	0	0	0	10†	*	0	0	0	0†
Malignant neoplasm of colon, rectum and anus	17	0	0	0	0	*	0	0	0	*	0	0	*	*	*	0	0	10†	*	*	0	*	10†
Malignant neoplasm of liver and intrahepatic bile ducts	27	*	0	0	0	*	0	*	0	*	0	*	*	*	0	0	0	10†	9	*	0	*	20†
Malignant neoplasm of pancreas	10†	0	0	0	0	0	0	*	0	*	0	0	0	0	0	0	0	10†	*	0	0	*	10†
Malignant neoplasm of larynx	0†	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0†	0	0	0	0	0
Malignant neoplasm of trachea, bronchus and lung	25	0	0	0	0	*	0	*	0	*	0	0	*	0	0	*	0	10†	7	*	0	*	20†
Malignant melanoma of skin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of breast	12	0	0	0	0	*	0	0	0	*	0	0	0	0	*	0	0	10†	*	0	*	*	10†
Malignant neoplasm of cervix uteri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	0†	0	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0†	*	0	0	*	0†
Malignant neoplasm of ovary	10†	0	0	0	0	0	0	*	0	*	0	0	0	0	0	0	0	0†	*	0	*	0	0†
Malignant neoplasm of prostate	18	0	0	0	0	*	0	*	0	7	0	0	*	0	*	0	0	10†	*	*	0	*	10†
Malignant neoplasm of kidney and renal pelvis	10†	0	0	0	0	0	0	*	0	6	0	*	*	*	*	0	0	10†	0	*	0	0	0†

**5.6 (continued)**  
**DEATHS BY RESIDENCE FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2014**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ALL AMERICAN INDIAN RESIDENTS OF ARIZONA	Resided on reservation																	Resided off reservation					
		Ak-Chin Indian Community	Cocopah Tribe	Colorado River Indian Tribe	Fort McDowell Yavapai Nation Reservation	Gila River Indian Community	Havasupai Tribe	Hopi Tribe	Hualapai Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Indian Community	San Carlos Apache Tribe	Tohono O'Odham Nation	White Mountain Apache Tribe	Yavapai-Apache Nation	Yavapai-Prescott Indian Tribe	Total	in Maricopa County	in Pima County	in Coconino County	elsewhere in Arizona	Total	
Malignant neoplasm of bladder	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	*	0†
Malignant neoplasm of meninges, brain and other parts of CNS	0†	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0†	0	*	0	*	0†	
Malignant neoplasm of lymphoid, hematopoietic and related tissue	22	0	0	0	0	*	0	*	0	*	0	*	*	0	*	0	0	10†	*	*	0	6	10†	
Hodgkin's disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Non-Hodgkin's lymphoma	10†	0	0	0	0	0	0	*	0	*	0	*	*	0	0	0	0	10†	*	0	0	*	0†	
Leukemia	10†	0	0	0	0	*	0	0	0	*	0	*	*	0	0	0	0	10†	*	*	0	*	0†	
Multiple myeloma and immunoproliferative neoplasms	10†	0	0	0	0	0	0	0	0	*	0	0	0	*	0	0	0	0†	0	0	0	*	0†	
Other and unspecified malignant neoplasms of lymphoid tissue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
All other and unspecified malignant neoplasm	47	0	0	0	0	*	0	*	0	16	0	*	*	*	*	0	0	30†	10	*	*	*	20†	
In situ neoplasms	0†	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0†	0	0	0	*	0†	
Anemias	0†	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0†	*	0	0	0	0†	
Diabetes	153	0	*	0	*	14	0	*	*	33	*	7	10	10	10	0	0	90†	26	11	*	20	60†	
Nutritional deficiencies	10†	0	0	0	0	0	0	*	0	*	0	0	*	0	0	0	0	0†	0	*	0	*	0†	
Malnutrition	10†	0	0	0	0	0	0	*	0	*	0	0	*	0	0	0	0	0†	0	*	0	*	0†	
Other nutritional deficiencies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Obesity	10†	0	0	0	0	*	0	0	0	0	0	0	*	*	0	0	0	0†	*	0	0	*	0†	
Meningitis	0†	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0†	0	0	0	0	0	
Parkinson's disease	18	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	8	*	*	*	*	10†	
Alzheimer's disease	37	0	0	0	0	*	0	*	0	*	0	*	*	*	6	0	0	20†	8	*	0	8	20†	
Major cardiovascular diseases	323	*	*	*	*	24	0	13	*	87	*	7	15	16	18	0	*	190†	44	25	12	51	132	
Diseases of heart	236	0	*	*	0	15	0	7	*	64	0	*	11	11	14	0	0	130†	32	21	7	43	103	
Acute rheumatic fever and chronic rheumatic heart disease	0†	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0†	0	*	0	*	0†	
Hypertensive heart disease	29	0	0	0	0	*	0	*	0	8	0	*	*	0	*	0	0	20†	*	*	0	*	10†	
Hypertensive heart and renal disease	0†	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0†	0	0	0	*	0†	
Ischemic heart disease	147	0	*	*	0	9	0	*	*	37	0	*	7	9	6	0	0	80†	26	11	6	26	69	
Acute myocardial infarction	36	0	*	0	0	*	0	0	0	9	0	0	*	*	*	0	0	20†	*	*	*	9	20†	
Other acute ischemic heart disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other forms of chronic ischemic heart disease	111	0	*	*	0	6	0	*	*	28	0	*	*	7	*	0	0	60†	21	10	*	17	50†	
Atherosclerotic cardiovascular disease	40	0	0	*	0	*	0	0	*	12	0	*	*	0	*	0	0	20†	*	*	*	8	20†	
All other forms of chronic ischemic heart disease	71	0	*	*	0	*	0	*	0	16	0	*	*	7	*	0	0	40†	16	*	*	9	30†	
Other heart diseases	55	0	*	0	0	*	0	*	0	18	0	*	*	*	*	0	0	40†	*	*	*	11	20†	
Acute and subacute endocarditis	0†	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0†	0	0	0	0	0	
Diseases of pericardium and acute myocarditis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Heart failure	10†	0	0	0	0	0	0	0	0	*	0	0	*	*	*	0	0	10†	0	0	0	*	0†	
All other forms of heart disease	45	0	*	0	0	*	0	*	0	15	0	*	0	*	*	0	0	30†	*	*	*	8	20†	

**5.6 (continued)**  
**DEATHS BY RESIDENCE FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2014**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ALL AMERICAN INDIAN RESIDENTS OF ARIZONA	Resided on reservation																	Resided off reservation				
		Ak-Chin Indian Community	Cocopah Tribe	Colorado River Indian Tribe	Fort McDowell Yavapai Nation Reservation	Gila River Indian Community	Havasupai Tribe	Hopi Tribe	Hualapai Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Indian Community	San Carlos Apache Tribe	Tohono O'Odham Nation	White Mountain Apache Tribe	Yavapai-Apache Nation	Yavapai-Prescott Indian Tribe	Total	in Maricopa County	in Pima County	in Coconino County	elsewhere in Arizona	Total
Essential (primary) hypertension and hypertensive renal disease	31	0	0	0	*	*	0	*	0	6	*	*	*	*	*	0	0	20†	*	*	*	*	10†
Cerebrovascular diseases	51	*	0	0	0	*	0	*	0	17	0	0	*	*	*	0	*	30†	8	*	*	*	20†
Atherosclerosis	0†	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0†	0	0	0	0	0
Other diseases of circulatory system	0†	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0†	*	0	0	*	0†
Aortic aneurysm and dissection	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0†
Other disease of arteries, arterioles and capillaries	0†	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0†	0	0	0	*	0†
Other disorders of circulatory system	0†	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0†	0	0	0	*	0†
Influenza and pneumonia	48	0	*	0	0	*	0	0	0	21	0	*	*	0	*	*	0	30†	*	6	*	*	20†
Influenza	0†	0	0	0	0	0	0	0	0	*	0	0	0	0	0	*	0	0†	*	*	0	0	0†
Pneumonia	44	0	*	0	0	*	0	0	0	20	0	*	*	0	*	0	0	30†	*	*	*	*	10†
Other acute lower respiratory infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchiolitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unspecified acute lower respiratory infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases	28	0	0	0	0	*	0	*	0	*	0	0	*	*	*	0	0	10†	6	*	0	*	20†
Bronchitis, chronic and unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asthma	0†	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0†	*	0	0	*	0†
Other chronic lower respiratory diseases	25	0	0	0	0	*	0	*	0	*	0	0	*	*	*	0	0	10†	*	*	0	*	10†
Pneumoconioses and chemical effects	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0†
Pneumonitis due to solids and liquids	10†	0	0	0	0	0	0	*	0	*	0	0	0	0	*	0	0	10†	0	*	*	*	10†
Other disease of respiratory system	32	0	0	0	*	0	0	*	0	17	0	0	*	*	0	0	0	20†	*	0	*	*	10†
Peptic ulcer	10†	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0†	*	0	0	*	0†
Diseases of appendix	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hernia	0†	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0†	*	*	0	0	0†
Chronic liver disease and cirrhosis	162	*	*	*	0	18	0	*	*	20	*	9	11	*	12	*	0	90†	37	13	*	21	80†
Alcoholic liver disease	132	0	0	*	0	16	0	*	*	14	*	8	9	*	11	*	0	70†	32	12	*	17	60†
Other chronic liver disease and cirrhosis	30	*	*	0	0	*	0	*	*	6	0	*	*	*	*	*	0	20†	*	*	*	*	10†
Cholelithiasis and other disorders of gallbladder	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0†
Nephritis, nephrotic syndrome and nephrosis	20†	0	0	0	0	0	0	*	*	*	0	0	*	0	*	0	*	20†	0	0	*	*	10†
Acute and rapidly progressive nephritic and nephrotic syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0†	0	0	0	0	0
Renal failure	20†	0	0	0	0	0	0	*	*	*	0	0	*	0	0	0	*	10†	0	0	*	*	10†
Others disorders of kidney	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0†



**5.6 (continued)**  
**DEATHS BY RESIDENCE FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2014**

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ALL AMERICAN INDIAN RESIDENTS OF ARIZONA	Resided on reservation																	Resided off reservation				
		Ak-Chin Indian Community	Cocopah Tribe	Colorado River Indian Tribe	Fort McDowell Yavapai Nation Reservation	Gila River Indian Community	Havasupai Tribe	Hopi Tribe	Hualapai Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Indian Community	San Carlos Apache Tribe	Tohono O'Odham Nation	White Mountain Apache Tribe	Yavapai-Apache Nation	Yavapai-Prescott Indian Tribe	Total	in Maricopa County	in Pima County	in Coconino County	elsewhere in Arizona	Total
Hyperplasia of prostate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inflammatory diseases of female pelvic organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium	0†	0	0	0	0	0	0	0	0	0	0	0	*	*	0	0	0	0†	0	0	0	0	0
Pregnancy with abortive outcome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium	0†	0	0	0	0	0	0	0	0	0	0	0	*	*	0	0	0	0†	0	0	0	0	0
Perinatal conditions	10†	0	0	0	0	0	0	0	*	*	0	*	*	0	*	0	0	10†	*	0	0	0	10†
Congenital anomalies, deformations and chromosomal abnormalities	18	0	0	0	0	0	0	0	0	*	0	0	0	*	*	0	0	10†	*	*	*	*	10†
Symptoms, signs, abnormal findings	72	0	0	*	0	*	0	*	0	23	0	*	7	*	*	0	0	50†	14	*	*	9	30†
Total accidents	289	0	*	*	*	13	0	6	*	97	0	7	12	8	25	*	0	180†	44	16	16	30	106
Transport accidents	136	0	0	*	*	6	0	*	*	52	0	*	7	7	7	*	0	90†	19	7	7	12	45
Motor vehicle accidents	131	0	0	*	*	6	0	*	*	50	0	*	7	7	7	*	0	90†	19	6	7	12	44
Other land transport accidents	0†	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0	0†	0	0	0	0	0
Water, air, space	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0†
Nontransport accidents	153	0	*	*	0	7	0	*	*	45	0	*	*	*	18	0	0	90†	25	9	9	18	61
Falls	20	0	0	0	0	0	0	*	*	6	0	0	0	0	*	0	0	10†	*	*	*	*	10†
Accidental discharge of firearms	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0†
Accidental drowning and submersion	10†	0	*	*	0	0	0	0	*	0	0	*	0	*	0	0	0	10†	*	*	0	0	0†
Accidental exposure to smoke, fire and flames	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0†	0	0	*	*	0†
Accidental poisoning	82	0	*	*	0	7	0	*	*	19	0	*	*	0	11	0	0	50†	17	*	*	8	30†
Excessive natural heat	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0†	*	*	0	0	0†
Excessive natural cold	10†	0	0	0	0	0	0	0	0	6	0	0	0	0	*	0	0	10†	0	0	*	*	0†
Other and unspecified nontransport accidents	37	0	*	0	0	0	0	*	0	16	0	0	*	*	0	0	0	20†	*	*	*	7	10†
Intentional self-harm (suicide)	53	0	0	*	0	*	0	*	*	21	0	*	*	*	*	0	0	40†	6	0	*	*	10†
By discharge of firearms	10†	0	0	*	0	0	0	0	0	0	0	*	0	0	*	0	0	10†	*	0	0	*	0†
By other means	42	0	0	0	0	*	0	*	*	18	0	*	*	*	*	0	0	30†	*	0	*	*	10†
Assault (homicide)	30	0	0	0	0	*	0	0	0	0	*	0	*	0	*	0	0	10†	10	*	*	*	20†
By discharge of firearms	10†	0	0	0	0	*	0	0	0	0	0	*	0	0	0	0	0	0†	*	*	0	*	10†
By other means	17	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	10†	*	*	*	*	10†
Legal intervention	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0†	0	0	0	0	0
Events of undetermined intent	10†	0	0	0	0	0	0	*	0	*	0	0	0	0	*	0	0	10†	*	0	*	*	0†
Discharge of firearms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent	10†	0	0	0	0	0	0	*	0	*	0	0	0	0	*	0	0	10†	*	0	*	*	0†
Operations of war	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	0†	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0†	0	0	0	0	0
<b>INJURY BY FIREARMS</b>	<b>26</b>	<b>0</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>0</b>	<b>10†</b>	<b>7</b>	<b>*</b>	<b>0</b>	<b>*</b>	<b>10†</b>
<b>DRUG-INDUCED DEATHS</b>	<b>45</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>0</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>0</b>	<b>0</b>	<b>20†</b>	<b>14</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>20†</b>
<b>ALCOHOL-INDUCED DEATHS</b>	<b>220</b>	<b>0</b>	<b>0</b>	<b>*</b>	<b>*</b>	<b>21</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>42</b>	<b>*</b>	<b>9</b>	<b>12</b>	<b>*</b>	<b>21</b>	<b>*</b>	<b>0</b>	<b>130†</b>	<b>49</b>	<b>15</b>	<b>8</b>	<b>23</b>	<b>95</b>

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

## 5.7

## DEATHS BY COUNTY OF RESIDENCE FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2014

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
<b>Total, all causes</b>	2,074	407	6	204	100	19	0	28	419	43	390	216	154	0	31	23	34
Salmonella infections	0†	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
Shigellosis and amebiasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections	10†	*	0	*	*	0	0	0	*	0	*	*	*	0	0	0	*
Enterocolitis due to Clostridium difficile	10†	*	0	*	0	0	0	0	*	0	*	*	*	0	0	0	*
Tuberculosis	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
Respiratory tuberculosis	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
Other tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Whooping cough	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Septicemia	20†	*	*	*	*	0	0	0	*	*	*	*	*	0	0	*	0
Syphilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne encephalitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis	10†	*	0	0	*	0	0	0	*	0	0	*	*	0	0	0	*
Human immunodeficiency virus (HIV) disease	10†	*	0	0	0	0	0	0	*	0	*	*	0	0	0	0	*
Malaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases	10†	*	0	*	*	*	0	0	*	0	0	*	*	0	0	0	0
Malignant neoplasms	220†	33	0	15	11	*	0	*	59	*	44	22	19	0	9	*	0
Malignant neoplasm of lip, oral cavity and pharynx	0†	0	0	0	0	0	0	0	*	0	0	*	0	0	*	*	0
Malignant neoplasm of esophagus	10†	0	0	0	*	0	0	0	*	*	*	0	0	0	0	0	0
Malignant neoplasm of stomach	10†	*	0	*	0	0	0	0	*	0	*	0	*	0	0	0	0
Malignant neoplasm of colon, rectum and anus	20†	*	0	0	*	0	0	0	6	0	*	*	*	0	0	0	0
Malignant neoplasm of liver and intrahepatic bile ducts	30†	*	0	*	*	0	0	0	10	0	*	*	*	0	*	0	0
Malignant neoplasm of pancreas	10†	*	0	0	0	0	0	0	*	*	*	0	0	0	0	0	0
Malignant neoplasm of larynx	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
Malignant neoplasm of trachea, bronchus and lung	30†	*	0	0	*	*	0	0	8	*	*	*	*	0	*	0	0
Malignant melanoma of skin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of breast	10†	0	0	*	0	0	0	0	*	0	*	0	*	0	0	0	0
Malignant neoplasm of cervix uteri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	0†	0	0	*	*	0	0	0	*	0	*	0	0	0	0	0	0
Malignant neoplasm of ovary	10†	*	0	*	0	0	0	0	*	0	*	0	0	0	0	0	0
Malignant neoplasm of prostate	20†	*	0	*	0	*	0	0	*	0	7	*	*	0	*	0	0
Malignant neoplasm of kidney and renal pelvis	10†	*	0	*	*	0	0	0	*	0	*	*	0	0	0	0	0
Malignant neoplasm of bladder	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0

## 5.7 (continued)

## DEATHS BY COUNTY OF RESIDENCE FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2014

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Malignant neoplasm of meninges, brain and other parts of CNS	0†	0	0	0	0	0	0	0	0	*	*	*	0	0	0	0	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	20†	*	0	*	*	*	0	0	*	0	*	*	*	0	*	0	0
Hodgkin's disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	10†	0	0	0	*	0	0	0	*	0	*	0	0	0	*	0	0
Leukemia	10†	*	0	0	*	*	0	0	*	0	0	*	*	0	0	0	0
Multiple myeloma and immunoproliferative neoplasms	10†	0	0	*	0	0	0	0	0	0	*	0	*	0	0	0	0
Other and unspecified malignant neoplasms of lymphoid tissue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasm	50†	8	0	*	*	*	0	0	11	*	9	*	*	0	*	*	0
In situ neoplasms	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
Anemias	0†	0	0	0	0	0	0	0	*	0	*	0	0	0	0	0	0
Diabetes	150†	23	0	11	10	*	0	*	41	*	22	21	14	0	*	*	*
Nutritional deficiencies	10†	*	0	0	0	*	0	0	0	*	*	*	0	0	0	0	0
Malnutrition	10†	*	0	0	0	*	0	0	0	*	*	*	0	0	0	0	0
Other nutritional deficiencies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Obesity	10†	0	0	0	*	0	0	0	*	0	*	*	*	0	0	0	0
Meningitis	0†	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0
Parkinson's disease	20†	*	*	*	0	0	0	0	*	0	6	*	0	0	0	0	0
Alzheimer's disease	40†	*	0	*	*	*	0	0	10	0	10	*	*	0	*	0	*
Major cardiovascular diseases	320†	47	*	37	18	*	0	8	56	*	67	39	34	0	*	*	*
Diseases of heart	240†	35	*	25	14	*	0	7	40	*	47	30	22	0	*	*	*
Acute rheumatic fever and chronic rheumatic heart disease	0†	*	0	0	0	0	0	0	0	0	0	*	*	0	0	0	0
Hypertensive heart disease	30†	*	0	*	*	0	0	*	*	0	8	*	*	0	0	0	0
Hypertensive heart and renal disease	0†	0	0	0	0	0	0	0	0	*	*	0	0	0	0	0	0
Ischemic heart disease	150†	23	*	16	8	*	0	*	30	*	22	18	13	0	*	*	*
Acute myocardial infarction	40†	6	*	*	*	*	0	0	6	*	7	*	*	0	0	*	0
Other acute ischemic heart disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other forms of chronic ischemic heart disease	110†	17	0	13	*	0	0	*	24	*	15	15	10	0	*	*	*
Atherosclerotic cardiovascular disease	40†	6	0	*	*	0	0	*	7	*	7	*	*	0	*	0	0
All other forms of chronic ischemic heart disease	70†	11	0	8	*	0	0	*	17	0	8	10	9	0	*	*	*
Other heart diseases	60†	8	0	7	*	0	0	0	*	0	16	6	6	0	*	*	0
Acute and subacute endocarditis	0†	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of pericardium and acute myocarditis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heart failure	10†	*	0	0	*	0	0	0	0	0	*	*	*	0	0	0	0
All other forms of heart disease	50†	6	0	7	*	0	0	0	*	0	14	*	*	0	*	*	0
Essential (primary) hypertension and hypertensive renal disease	30†	*	0	*	*	0	0	*	7	0	7	6	*	0	0	0	0
Cerebrovascular diseases	50†	9	0	10	*	0	0	0	8	0	13	*	*	0	*	0	0

5.7 (continued)

DEATHS BY COUNTY OF RESIDENCE FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2014

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Atherosclerosis	0†	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
Other diseases of circulatory system	0†	0	0	0	0	0	0	0	*	0	0	0	*	0	0	0	0
Aortic aneurysm and dissection	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Other disease of arteries, arterioles and capillaries	0†	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
Other disorders of circulatory system	0†	0	0	0	0	0	0	0	0	0	0	0	*	0	0	*	0
Influenza and pneumonia	50†	15	0	*	*	0	0	0	*	0	14	6	*	0	*	*	*
Influenza	0†	0	0	0	0	0	0	0	*	0	*	*	0	0	*	0	0
Pneumonia	40†	15	0	*	*	0	0	0	*	0	13	*	*	0	0	*	*
Other acute lower respiratory infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchiolitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unspecified acute lower respiratory infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases	30†	*	0	0	*	*	0	*	6	0	*	*	*	0	0	*	*
Bronchitis, chronic and unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asthma	0†	*	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Other chronic lower respiratory diseases	30†	0	0	0	*	*	0	*	*	0	*	*	*	0	0	*	*
Pneumoconioses and chemical effects	0†	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonitis due to solids and liquids	10†	*	0	*	0	0	0	0	0	0	*	*	0	0	0	0	0
Other disease of respiratory system	30†	10	0	7	*	0	0	0	*	0	*	*	0	0	0	0	*
Peptic ulcer	10†	*	0	*	0	0	0	0	*	0	*	0	0	0	0	0	0
Diseases of appendix	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hernia	0†	*	0	*	0	0	0	0	*	0	0	*	0	0	0	0	0
Chronic liver disease and cirrhosis	160†	17	*	8	7	*	0	*	50	*	20	16	19	0	7	*	*
Alcoholic liver disease	130†	12	0	7	6	*	0	*	44	*	17	14	15	0	6	*	*
Other chronic liver disease and cirrhosis	30†	*	*	*	*	0	0	*	6	*	*	*	*	0	*	*	*
Cholelithiasis and other disorders of gallbladder	0†	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0
Nephritis, nephrotic syndrome and nephrosis	20†	*	0	*	*	0	0	0	0	*	6	0	*	0	*	0	0
Acute and rapidly progressive nephritic and nephrotic syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
Renal failure	20†	*	0	*	*	0	0	0	0	*	*	0	*	0	*	0	0
Others disorders of kidney	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
Hyperplasia of prostate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inflammatory diseases of female pelvic organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium	0†	0	0	0	0	*	0	0	0	0	0	*	0	0	0	0	0
Pregnancy with abortive outcome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

5.7 (continued)

DEATHS BY COUNTY OF RESIDENCE FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2014

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Other complications of pregnancy, childbirth and the puerperium	0†	0	0	0	0	*	0	0	0	0	0	*	0	0	0	0	0
Perinatal conditions	10†	*	0	0	*	*	0	0	6	*	*	0	0	0	0	0	0
Congenital anomalies, deformations and chromosomal abnormalities	20†	*	0	*	0	0	0	0	*	*	*	*	0	0	0	0	0
Symptoms, signs, abnormal findings	70†	21	0	*	6	*	0	*	16	0	10	*	7	0	0	0	*
Total accidents	290†	51	*	46	12	*	0	*	57	8	59	24	13	0	*	6	*
Transport accidents	140†	24	0	21	*	*	0	*	27	*	26	14	7	0	*	*	*
Motor vehicle accidents	130†	24	0	20	*	*	0	*	26	*	25	13	7	0	*	*	*
Other land transport accidents	0†	0	0	*	0	0	0	0	*	*	*	0	0	0	0	0	0
Water, air, space	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0
Nontransport accidents	150†	27	*	25	7	0	0	*	30	*	33	10	6	0	*	*	*
Falls	20†	*	0	*	0	0	0	0	*	*	6	*	*	0	0	0	0
Accidental discharge of firearms	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0
Accidental drowning and submersion	10†	*	0	*	*	0	0	*	*	*	*	*	0	0	0	*	0
Accidental exposure to smoke, fire and flames	0†	*	0	*	0	0	0	0	0	0	0	*	0	0	0	0	0
Accidental poisoning	80†	12	0	12	*	0	0	*	22	*	16	*	*	0	*	*	*
Excessive natural heat	0†	0	0	*	0	0	0	0	*	0	0	*	0	0	0	0	0
Excessive natural cold	10†	*	0	*	0	0	0	0	0	0	*	0	0	0	0	0	0
Other and unspecified nontransport accidents	40†	10	*	7	*	0	0	*	*	*	9	*	0	0	0	*	0
Intentional self-harm (suicide)	50†	12	0	7	*	0	0	*	11	*	10	*	*	0	*	0	*
By discharge of firearms	10†	*	0	0	0	0	0	*	*	0	*	0	0	0	*	0	0
By other means	40†	10	0	7	*	0	0	*	7	*	8	*	*	0	0	0	*
Assault (homicide)	30†	*	0	*	0	*	0	*	11	0	*	*	*	0	0	0	*
By discharge of firearms	10†	0	0	0	0	0	0	*	6	0	*	*	*	0	0	0	*
By other means	20†	*	0	*	0	*	0	*	0	*	*	*	*	0	0	0	0
Legal intervention	0†	*	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
Events of undetermined intent	10†	*	0	*	0	0	0	0	*	0	*	0	*	0	0	0	0
Discharge of firearms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent	10†	*	0	*	0	0	0	0	*	0	*	0	*	0	0	0	0
Operations of war	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	0†	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>INJURY BY FIREARMS</b>	<b>30†</b>	<b>*</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>*</b>	<b>10</b>	<b>0</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>
<b>DRUG-INDUCED DEATHS</b>	<b>50†</b>	<b>*</b>	<b>0</b>	<b>*</b>	<b>*</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>*</b>	<b>7</b>	<b>*</b>	<b>*</b>	<b>0</b>	<b>0</b>	<b>*</b>	<b>*</b>
<b>ALCOHOL-INDUCED DEATHS</b>	<b>220†</b>	<b>30</b>	<b>0</b>	<b>22</b>	<b>9</b>	<b>*</b>	<b>0</b>	<b>*</b>	<b>65</b>	<b>*</b>	<b>33</b>	<b>20</b>	<b>19</b>	<b>0</b>	<b>7</b>	<b>*</b>	<b>*</b>

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

5.8

DEATHS FROM MOTOR VEHICLE-RELATED INJURIES AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE, GENDER, AND AGE GROUP, ARIZONA, 2014

	TOTAL	Resided on reservation											Resided off reservation						
		Colorado River Indian Tribe	Fort McDowell Yavapai Nation Reservation	Gila River Indian Community	Hopi Tribe	Hualapai Tribe	Navajo Nation	Salt River Pima-Maricopa Indian Community	San Carlos Apache Tribe	Tohono O'Odham Nation	White Mountain Apache Tribe	Yavapai-Apache Nation	TOTAL	---in Maricopa County	---in Pima County	---in Coconino County	---elsewhere in Arizona	TOTAL	
<b>TOTAL</b>	<b>ALL AGES</b>	130†	0†	0†	10†	0†	0†	0†	50†	0†	10†	10†	0†	90†	20†	10†	10†	10†	40†
	<1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1-4	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0†
	5-14	0†	0	0	0	0	0	0	*	0	*	0	0	0†	0	0	*	0	0†
	15-24	29	0	*	*	0	*	0	8	*	*	*	0	20†	*	0	0	*	10†
	25-34	36	0	*	*	0	0	0	14	0	*	*	0	20†	*	*	*	*	10†
	35-44	10†	0	0	0	0	0	0	*	0	0	*	0	10†	*	0	0	*	0†
	45-54	27	*	0	*	0	0	0	9	0	*	*	*	20†	7	*	*	0	10†
	55-64	20†	0	0	0	0	0	0	8	*	0	*	0	10†	*	*	*	0	0†
	65-74	10†	0	0	0	0	0	0	*	*	0	0	0	0†	0	*	0	*	0†
	75-84	0†	0	0	0	*	0	*	*	0	0	0	0	0†	0	0	0	0	0
<b>M</b>	<b>ALL AGES</b>	90†	0	0†	0†	0†	0†	0†	40†	0†	10†	10†	0	60†	10†	0†	0†	10†	30†
	<1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1-4	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0†
	5-14	0†	0	0	0	0	0	0	*	0	*	0	0	0†	0	0	0	0	0
	15-24	20†	0	*	*	0	0	0	7	0	*	*	0	20†	*	0	0	*	0†
	25-34	25	0	*	*	0	0	0	11	0	*	*	0	20†	*	*	*	*	10†
	35-44	0†	0	0	0	0	0	0	*	0	0	*	0	0†	*	0	0	0	0†
	45-54	17	0	0	*	0	0	0	6	0	0	*	0	10†	*	0	*	0	10†
	55-64	10†	0	0	0	0	0	0	*	*	0	*	0	10†	*	*	*	0	0†
	65-74	0†	0	0	0	0	0	0	*	*	0	0	0	0†	0	*	0	*	0†
	75-84	0†	0	0	0	0	0	*	*	0	0	0	0	0†	0	0	0	0	0
<b>F</b>	<b>ALL AGES</b>	40†	0†	0†	0†	0	0	0	20†	0†	0†	0	0†	30†	10†	0†	0†	10†	20†
	<1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5-14	0†	0	0	0	0	0	0	*	0	0	0	0	0†	0	0	*	0	0†
	15-24	10†	0	0	*	0	0	0	*	*	*	0	0	10†	0	0	0	*	0†
	25-34	10†	0	*	0	0	0	0	*	0	0	0	0	10†	*	*	*	*	10†
	35-44	0†	0	0	0	0	0	0	*	0	0	0	0	0†	*	0	0	*	0†
	45-54	10†	*	0	0	0	0	0	*	0	*	0	*	10†	*	*	*	0	0†
	55-64	0†	0	0	0	0	0	0	*	0	0	0	0	0†	*	0	0	0	0†
	65-74	0†	0	0	0	0	0	0	*	0	0	0	0	0†	0	0	0	*	0†
	75-84	0†	0	0	0	0	0	0	*	0	0	0	0	0†	0	0	0	0	0

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**5.9**  
**INTENTIONAL SELF-HARM (SUICIDE) AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE,**  
**GENDER, AND AGE GROUP, ARIZONA, 2014**

		TOTAL	Resided on reservation									Resided off reservation						
			Colorado River Indian Tribe	Gila River Indian Community	Hopi Tribe	Hualapai Tribe	Navajo Nation	Salt River Pima-Maricopa Indian Community	San Carlos Apache Tribe	Tohono O'Odham Nation	White Mountain Apache Tribe	TOTAL	---in Maricopa County	---in Pima County	---in Coconino County	---elsewhere in Arizona	TOTAL	
<b>TOTAL</b>	<b>ALL AGES</b>	50†	0†	0†	0†	0†	20†	0†	0†	0†	10†	40†	10†	0	0†	10†	10†	
	5-14	0†	0	0	0	*	*	0	0	0	0	0†	0	0	0	0	0	0
	15-24	16	0	*	0	0	8	*	*	0	*	10†	1	0	0	2	3	
	25-34	19	0	*	0	0	*	*	*	*	20†	3	0	1	0	4		
	35-44	7	0	0	*	0	*	0	0	0	*	0†	0	0	1	2	3	
	45-54	0†	0	0	0	0	*	0	0	0	0	0†	*	0	0	*	0†	
	55-64	0†	0	0	0	0	0	0	0	0	0	0†	*	0	0	0	0†	
	65-74	0†	*	0	0	0	*	0	0	0	0	0†	0	0	0	0	0	
	75-84	0†	0	0	0	0	*	0	0	0	0	0†	0	0	0	0	0	
<b>M</b>	<b>ALL AGES</b>	50†	0†	0	20†	0†	0†	10†	3	1	5	30†	10†	0	0†	0†	10†	
	5-14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15-24	13	0	*	0	0	7	*	*	0	*	11	1	0	0	1	2	
	25-34	17	0	*	0	0	*	*	*	*	14	2	0	1	0	3		
	35-44	7	0	0	*	0	*	0	0	0	*	4	0	0	1	2	3	
	45-54	0†	0	0	0	0	*	0	0	0	0	0†	*	0	0	*	0†	
	55-64	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0†	
	65-74	0†	*	0	0	0	*	0	0	0	0	0†	0	0	0	0	0	
	75-84	0†	0	0	0	0	*	0	0	0	0	0†	0	0	0	0	0	
<b>F</b>	<b>ALL AGES</b>	10†	0	0†	0†	0	0	0	1	0	0	10†	0†	0	0	0†	0†	
	5-14	0†	0	0	0	*	*	0	0	0	0	0†	0	0	0	0	0	
	15-24	3	0	0	0	0	*	0	*	0	0	2	0	0	0	1	1	
	25-34	2	0	*	0	0	0	0	0	0	0	1	1	0	0	0	1	
	35-44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	45-54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	55-64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	65-74	0†	0	0	0	0	*	0	0	0	0	0†	0	0	0	0	0	
	75-84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.

**5.10  
ASSAULT (HOMICIDE) AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE, GENDER, AND AGE GROUP,  
ARIZONA, 2014**

		TOTAL	Resided on reservation					Resided off reservation						
			Gila River Indian Community	Navajo Nation	Salt River Pima-Maricopa Indian Community	San Carlos Apache Tribe	White Mountain Apache Tribe	TOTAL	---in Maricopa County	---in Pima County	---in Coconino County	---elsewhere in Arizona	TOTAL	
<b>TOTAL</b>	<b>ALL AGES</b>	30†	0†	10†	0†	0†	0†	10†	10†	0†	0†	0†	0†	20†
	<1	0†	0	0	0	0	0	0	*	0	0	0	0	0†
	1-4	0†	0	0	0	0	0	0	*	0	0	0	0	0†
	15-24	10†	*	*	*	0	0	0†	*	0	*	0	0	0†
	25-34	13	*	*	0	*	0	10†	*	*	*	*	*	10†
	35-44	0†	0	0	0	0	*	0†	*	0	0	*	0	0†
	45-54	0†	0	0	0	0	0	0	0	0	0	*	0	0†
	55-64	0†	0	0	0	0	*	0†	0	*	*	0	0	0†
<b>M</b>	<b>ALL AGES</b>	30†	0†	0†	0†	0†	0†	10†	10†	0†	0†	0†	0†	20†
	<1	0†	0	0	0	0	0	0	*	0	0	0	0	0†
	1-4	0†	0	0	0	0	0	0	*	0	0	0	0	0†
	15-24	10†	*	0	*	0	0	0†	*	0	*	0	0	0†
	25-34	10†	*	*	0	*	0	10†	*	*	*	0	0	10†
	35-44	0†	0	0	0	0	*	0†	*	0	0	0	0	0†
	45-54	0†	0	0	0	0	0	0	0	0	0	*	0	0†
	55-64	0†	0	0	0	0	*	0†	0	*	0	0	0	0†
<b>F</b>	<b>ALL AGES</b>	10†	0	0†	0	0	0	0†	0†	0	0†	0†	0†	0†
	<1	0	0	0	0	0	0	0	0	0	0	0	0	0
	1-4	0	0	0	0	0	0	0	0	0	0	0	0	0
	15-24	0†	0	*	0	0	0	0†	0	0	0	0	0	0
	25-34	0†	0	0	0	0	0	0	*	0	0	*	0	0†
	35-44	0†	0	0	0	0	0	0	0	0	0	*	0	0†
	45-54	0	0	0	0	0	0	0	0	0	0	0	0	0
	55-64	0†	0	0	0	0	0	0	0	0	*	0	0	0†

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.



**5.11 (CORRECTION)**  
**DIABETES-RELATED DEATHS AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE, GENDER, AND AGE GROUP,**  
**ARIZONA, 2014**

	TOTAL	Resided on reservation														Resided off reservation					
		Cocopah Tribe	Colorado River Indian Tribe	Fort McDowell Yavapai Nation Reservation	Gila River Indian Community	Havasupai Tribe	Hopi Tribe	Hualapai Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Indian Community	San Carlos Apache Tribe	Tohono O'odham Nation	White Mountain Apache Tribe	TOTAL	---in Maricopa County	---in Pima County	---in Coconino County	---elsewhere in Arizona	TOTAL	
<b>TOTAL</b>	<b>ALL AGES</b>	320†	0†	0†	10†	20†	0†	10†	0†	70†	0†	10†	20†	20†	20†	200†	50†	30†	10†	40†	120†
	5-14	0†	0	0	0	0	0	0	0	0	0	0	0	0	*	0†	0	0	0	0	0
	15-24	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0†
	25-34	10†	0	0	*	0	*	0	0	*	0	*	*	0	*	10†	0	0	*	0	0†
	35-44	25	0	0	*	*	0	0	*	*	0	*	*	*	*	10†	6	*	*	*	10†
	45-54	52	0	0	*	*	0	*	*	6	0	0	*	*	*	30†	8	8	*	8	30†
	55-64	74	*	0	0	*	0	*	*	23	0	*	7	*	*	50†	15	6	*	6	30†
	65-74	77	*	*	*	9	0	*	0	16	*	*	*	*	8	50†	9	*	0	12	20†
	75-84	56	*	0	*	*	0	*	0	16	0	*	*	7	*	30†	7	*	0	10	20†
	85+	27	0	0	0	*	0	*	0	9	0	0	*	*	*	20†	*	*	*	*	10†
<b>M</b>	<b>ALL AGES</b>	160†	0†	0†	0†	10†	0†	0†	0†	50†	0	0†	10†	10†	10†	100†	20†	10†	0†	20†	60†
	15-24	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0†
	25-34	0†	0	0	0	0	*	0	0	*	0	*	*	0	*	10†	0	0	*	0	0†
	35-44	0†	0	0	0	*	0	0	*	0	0	0	0	*	0	10†	*	0	*	0	0†
	45-54	17	0	0	*	*	0	*	*	*	0	0	*	*	*	20†	*	*	*	*	10†
	55-64	10	*	0	0	*	0	*	0	14	0	*	*	*	*	30†	*	0	*	*	10†
	65-74	19	0	*	*	*	0	0	0	9	0	0	*	*	*	20†	6	*	0	7	20†
	75-84	11	0	0	0	0	0	0	0	11	0	*	*	*	*	20†	*	*	0	*	10†
	85+	10†	0	0	0	0	0	*	0	*	0	0	0	*	0	10†	*	0	0	*	10†
<b>F</b>	<b>ALL AGES</b>	160†	0†	0	0†	10†	0	10†	0†	30†	0†	10†	10†	10†	100†	30†	20†	0†	20†	70†	
	5-14	0†	0	0	0	0	0	0	0	0	0	0	0	0	*	0†	0	0	0	0	0
	15-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	25-34	0†	0	0	*	0	0	0	0	0	0	0	0	0	0	0†	0	0	0	0	0
	35-44	16	0	0	*	*	0	0	0	*	0	*	*	0	*	10†	*	*	0	*	10†
	45-54	20	0	0	0	*	0	*	0	*	0	0	*	*	0	10†	*	*	*	*	10†
	55-64	40	*	0	0	*	0	*	*	9	0	*	*	*	*	20†	12	6	0	*	20†
	65-74	39	*	0	0	*	0	*	0	7	*	*	*	*	*	30†	*	*	0	*	10†
	75-84	29	*	0	*	*	0	*	0	*	0	*	*	*	*	20†	*	*	0	6	10†
	85+	20†	0	0	0	*	0	*	0	*	0	0	*	*	*	10†	*	*	*	0	0†

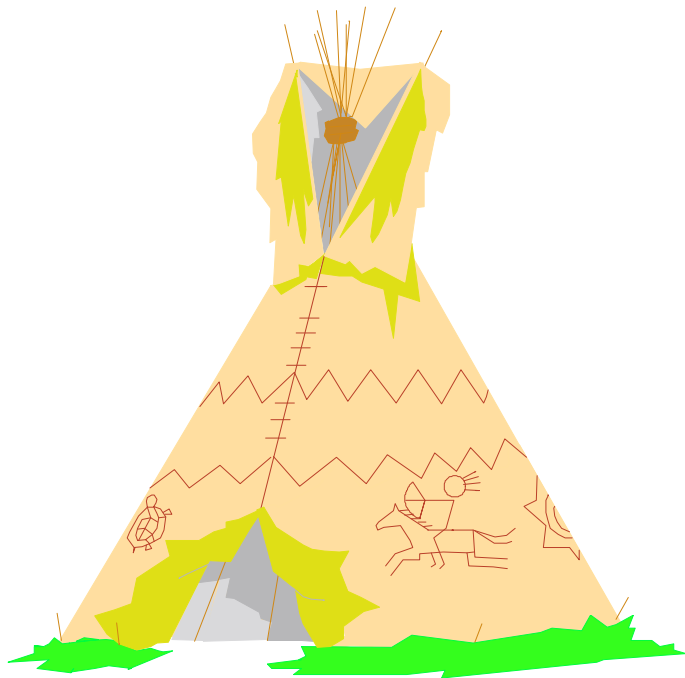
Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; Diabetes-related: deaths due to diabetes reported as multiple cause of death (any mention of diabetes on the death certificate). The number of deaths due to diabetes as the underlying cause of death (153 in 2014) is shown in Tables 5.4 - 5.7.

5.12

ALCOHOL-INDUCED DEATHS AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE, GENDER, AND AGE GROUP, ARIZONA, 2014

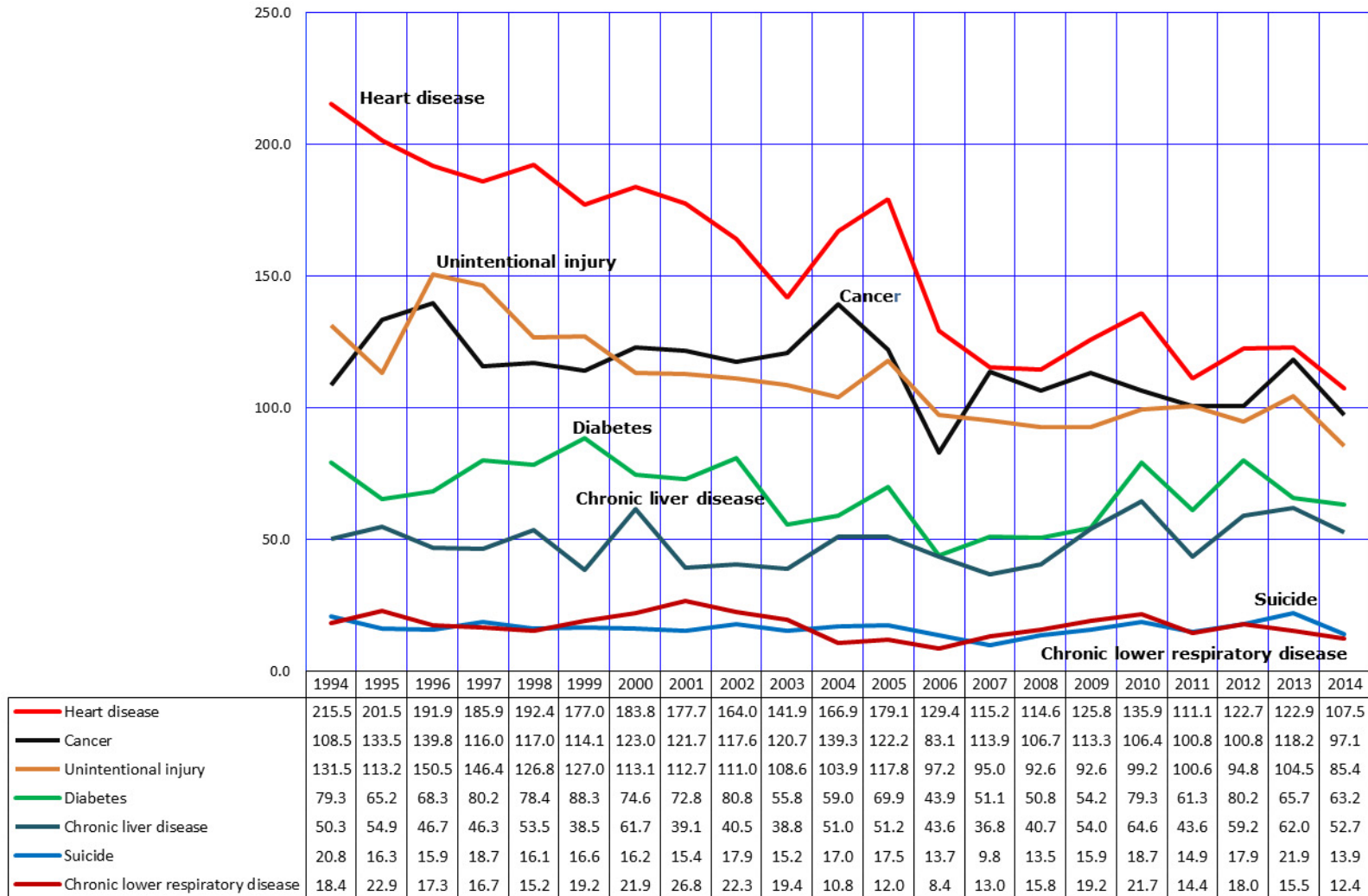
		TOTAL	Resided on reservation													Resided off reservation					
			Colorado River Indian Tribe	Fort McDowell Yavapai Nation Reservation	Gila River Indian Community	Havasupai Tribe	Hopi Tribe	Hualapai Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Indian Community	San Carlos Apache Tribe	Tohono O'odham Nation	White Mountain Apache Tribe	Yavapai-Apache Nation	TOTAL	---in Maricopa County	---in Pima County	---in Coconino County	---elsewhere in Arizona	TOTAL
TOTAL	ALL AGES	220†	0†	0†	20†	0†	10†	0†	40†	0†	10†	10†	10†	20†	0†	130†	49	20†	10†	20†	100†
	15-24	0†	0	0	*	0	0	0	*	0	0	0	0	0	0	0†	0	0	0	0	0
	25-34	32	0	0	*	*	*	0	7	0	0	*	*	6	*	20†	8	0	*	*	10†
	35-44	48	*	0	*	0	0	0	11	0	*	*	0	*	0	30†	12	*	*	*	20†
	45-54	71	*	*	9	0	*	*	11	0	*	*	*	6	*	40†	12	6	*	11	30†
	55-64	53	0	0	*	0	*	*	6	*	*	*	*	*	*	30†	17	*	0	*	30†
	65-74	10†	0	0	0	0	0	0	*	0	0	*	0	0	0	10†	0	*	*	*	10†
	75-84	0†	0	0	*	0	0	0	*	0	0	0	0	0	0	0†	0	0	0	0	0
M	ALL AGES	130†	0†	0	10†	0†	0†	0†	30†	0†	10†	10†	0†	10†	0†	80†	30	10†	10†	10†	60†
	15-24	0†	0	0	*	0	0	0	*	0	0	0	0	0	0	0†	0	0	0	0	0
	25-34	22	0	0	*	*	*	0	*	0	0	*	0	*	*	10†	6	0	*	*	10†
	35-44	33	*	0	*	0	0	0	10	0	*	0	0	*	0	20†	9	*	*	*	20†
	45-54	41	*	0	6	0	*	*	8	0	*	0	*	*	0	20†	9	*	*	7	20†
	55-64	27	0	0	0	0	*	0	*	*	*	*	*	*	0	20†	6	*	0	*	10†
	65-74	10†	0	0	0	0	0	0	*	0	0	*	0	0	0	10†	0	0	*	*	0†
	75-84	0†	0	0	0	0	0	0	*	0	0	0	0	0	0	0†	0	0	0	0	0
F	ALL AGES	90†	0	0†	10†	0	0†	0†	10†	0	0†	10†	0†	10†	0†	50†	20†	10†	0†	10†	40†
	15-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	25-34	10†	0	0	*	0	0	0	*	0	0	0	*	*	0	10†	*	0	0	*	0†
	35-44	15	0	0	*	0	0	0	*	0	*	*	0	*	0	10†	*	*	*	*	10†
	45-54	30	0	*	*	0	0	0	*	0	*	*	*	*	*	20†	*	*	*	*	10†
	55-64	26	0	0	*	0	*	*	*	0	*	*	0	*	*	10†	11	*	0	*	20†
	65-74	0†	0	0	0	0	0	0	*	0	0	0	0	0	0	0†	0	*	0	*	0†
	75-84	0†	0	0	*	0	0	0	*	0	0	0	0	0	0	0†	0	0	0	0	0

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.



## **COMPARATIVE CAUSE-SPECIFIC MORTALITY**

**5.13**  
**Temporal Changes<sup>a</sup> in the Selected Leading Causes of Death among American Indian Residents of Arizona, 1994-2014**



Notes: <sup>a</sup> Based on age-adjusted mortality rates: Number of deaths per 100,000 population age-adjusted to the 2000 U.S. standard.

**5.14**  
**Five Leading Causes of Death<sup>a</sup> by Gender among American Indian  
 Residents of Arizona in 2014**

<b>Rank</b>	<b>Female</b>	<b>Both</b>	<b>Male</b>
<b>1</b>	<b>Cancer 77.3</b>	<b>Diseases of heart 107.5</b>	<b>Diseases of heart 159.3</b>
<b>2</b>	<b>Diseases of heart 70.3</b>	<b>Cancer 97.1</b>	<b>Unintentional injury 128.2</b>
<b>3</b>	<b>Chronic liver disease and cirrhosis 55.5</b>	<b>Unintentional injury 85.4</b>	<b>Cancer 124.6</b>
<b>4</b>	<b>Diabetes 54.5</b>	<b>Diabetes 63.2</b>	<b>Diabetes 74.7</b>
<b>5</b>	<b>Unintentional injury 47.4</b>	<b>Chronic liver disease and cirrhosis 52.7</b>	<b>Chronic liver disease and cirrhosis 48.0</b>

Notes: <sup>a</sup> Based on age-adjusted mortality rates: Number of deaths per 100,000 population age-adjusted to the 2000 U.S. standard.  
 Source: Table 2B-4 in the "Arizona Health Status and Vital Statistics 2014" report.

**5.15**  
**Five Leading Causes of Death<sup>a</sup> among American Indians by Gender and Residence**  
**On or Off Reservation, Arizona, 2014**

<b>Rank</b>	<b>Female, resided on reservation</b>	<b>Female, resided off reservation</b>	<b>Male, resided on reservation</b>	<b>Male, resided off reservation</b>
<b>1</b>	<b>Cancer 10.6</b>	<b>Cancer 11.6</b>	<b>Unintentional injury 19.1</b>	<b>Unintentional injury 16.1</b>
<b>2</b>	<b>Unintentional injury 8.7</b>	<b>Chronic liver disease and cirrhosis 10.9</b>	<b>Diseases of heart 12.4</b>	<b>Diseases of heart 14.0</b>
<b>3</b>	<b>Chronic liver disease and cirrhosis 8.7</b>	<b>Diseases of heart 10.6</b>	<b>Cancer 9.5</b>	<b>Cancer 12.4</b>
<b>4</b>	<b>Diseases of heart 8.4</b>	<b>Unintentional injury 9.1</b>	<b>Diabetes 7.1</b>	<b>Chronic liver disease and cirrhosis 7.4</b>
<b>5</b>	<b>Diabetes 8.2</b>	<b>Diabetes 7.3</b>	<b>Chronic liver disease and cirrhosis 5.7</b>	<b>Diabetes 6.9</b>

Note: <sup>a</sup> Percent of total deaths in specified group.

**5.16**  
**Proportional Mortality<sup>a</sup> by Type of Cancer and Gender among American Indians and all Residents of Arizona, 2004-2014**

<b>Rank</b>	<b>Arizona male<sup>b</sup></b>	<b>American Indian male</b>	<b>Arizona female<sup>b</sup></b>	<b>American Indian female</b>
<b>1</b>	<b>Trachea, bronchus, lung 26.7</b>	<b>Prostate 11.5</b>	<b>Trachea, bronchus, lung 25.1</b>	<b>Breast 12.6</b>
<b>2</b>	<b>Lymphoma 10.9</b>	<b>Liver 11.3</b>	<b>Breast 15.3</b>	<b>Lymphoma 10.9</b>
<b>3</b>	<b>Prostate 10.1</b>	<b>Lymphoma 9.9</b>	<b>Lymphoma 9.3</b>	<b>Trachea, bronchus, lung 8.1</b>
<b>4</b>	<b>Colon, rectum, anus 9.0</b>	<b>Colon, rectum, anus 8.9</b>	<b>Colon, rectum, anus 9.2</b>	<b>Ovary 8.0</b>
<b>5</b>	<b>Pancreas 6.4</b>	<b>Trachea, bronchus, lung 8.7</b>	<b>Pancreas 6.6</b>	<b>Liver 7.7</b>
<b>6</b>	<b>Liver 4.7</b>	<b>Stomach 8.2</b>	<b>Ovary 5.9</b>	<b>Colon, rectum, anus 7.7</b>
<b>7</b>	<b>Leukemia 4.5</b>	<b>Kidney 7.5</b>	<b>Leukemia 3.6</b>	<b>Pancreas 6.1</b>
<b>8</b>	<b>Esophagus 4.0</b>	<b>Pancreas 7.4</b>	<b>Non-Hodgkin's lymphoma 3.6</b>	<b>Stomach 4.7</b>
<b>9</b>	<b>Non-Hodgkin's lymphoma 3.9</b>	<b>Esophagus 3.9</b>	<b>Liver 2.8</b>	<b>Cervix uteri 3.7</b>
<b>10</b>	<b>Bladder 3.7</b>	<b>Leukemia 3.5</b>	<b>Brain 2.7</b>	<b>Uterus 3.7</b>

Notes: <sup>a</sup> Percent of cancer deaths in specified group in 2004-2014.  
<sup>b</sup> All race/ethnic groups combined.  
Source: Table 5-18 for percentages based on frequency counts.

**5.17**  
**Proportional Mortality<sup>a</sup> by Mechanism of Unintentional Injury and Gender among**  
**American Indians and all Residents of Arizona, 2004-2014**

<b>Rank</b>	<b>Arizona male<sup>b</sup></b>	<b>American Indian male</b>	<b>Arizona female<sup>b</sup></b>	<b>American Indian female</b>
<b>1</b>	<b>Motor vehicle-related 34.0</b>	<b>Motor vehicle-related 47.7</b>	<b>Falls 35.9</b>	<b>Motor vehicle-related 55.2</b>
<b>2</b>	<b>Poisoning by drugs 24.9</b>	<b>Poisoning by gases 11.4</b>	<b>Motor vehicle-related 24.5</b>	<b>Falls 12.5</b>
<b>3</b>	<b>Falls 18.8</b>	<b>Poisoning by drugs 10.2</b>	<b>Poisoning by drugs 23.5</b>	<b>Poisoning by drugs 11.7</b>
<b>4</b>	<b>Accidental discharge of firearms 7.6</b>	<b>Falls 6.9</b>	<b>Accidental discharge of firearms 2.5</b>	<b>Poisoning by gases 5.3</b>
<b>5</b>	<b>Accidental drowning 3.4</b>	<b>Exposure to cold 5.0</b>	<b>Accidental drowning 1.9</b>	<b>Exposure to cold 2.2</b>
<b>6</b>	<b>Poisoning by gases 2.9</b>	<b>Accidental drowning 3.4</b>	<b>Misadventures to patients 1.6</b>	<b>Accidental drowning 1.5</b>
<b>7</b>	<b>Exposure to heat 1.9</b>	<b>Accidental discharge of firearms 3.2</b>	<b>Choked on food 1.4</b>	<b>Misadventures to patients 1.5</b>
<b>8</b>	<b>Fire, flames, smoke 1.4</b>	<b>Mechanical suffocation 1.9</b>	<b>Poisoning by gases 1.3</b>	<b>Exposure to heat 1.3</b>
<b>9</b>	<b>Mechanical suffocation 1.1</b>	<b>Railway accidents 1.6</b>	<b>Fire, flames, smoke 1.3</b>	<b>Accidental discharge of firearms 1.0</b>
<b>10</b>	<b>Choked on food 1.0</b>	<b>Exposure to heat 1.4</b>	<b>Exposure to heat 1.2</b>	<b>Fire, flames, smoke 0.9</b>

Notes: <sup>a</sup> Percent of unintentional injury deaths in specified group in 2004-2014.  
<sup>b</sup> All race/ethnic groups combined.  
Source: Table 5-19 for percentages based on frequency counts.



**5.18**  
**COMPARISON OF MORTALITY BY SPECIFIC TYPE OF CANCER BY GENDER AMONG AMERICAN INDIANS AND**  
**ALL RESIDENTS<sup>a</sup> OF ARIZONA, 2004-2014**

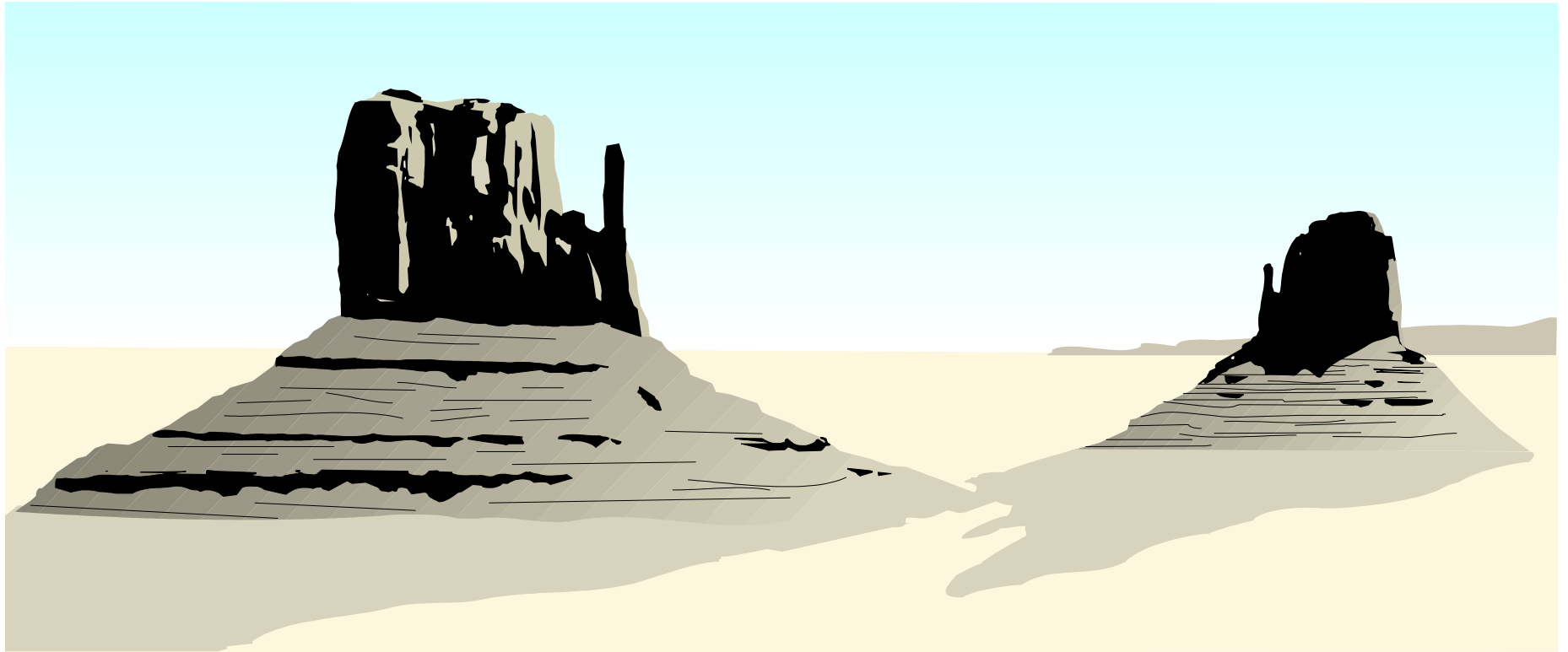
	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
<b>Malignant neoplasms, total</b>	112,756	60,642	52,112	2,274	1,124	1,150
<b>Malignant neoplasm of lip, oral cavity and pharynx</b>	1,488	1,051	437	29	20	9
<b>Malignant neoplasm of esophagus</b>	2,999	2,422	577	62	44	18
<b>Malignant neoplasm of stomach</b>	2,146	1,269	877	146	92	54
<b>Malignant neoplasm of colon, rectum and anus</b>	10,235	5,464	4,770	188	100	88
<b>Malignant neoplasm of liver and intrahepatic bile ducts</b>	4,294	2,836	1,458	216	127	89
<b>Malignant neoplasm of pancreas</b>	7,355	3,894	3,461	153	83	70
<b>Malignant neoplasm of larynx</b>	618	483	135	10†	6	*
<b>Malignant neoplasm of trachea, bronchus and lung</b>	29,301	16,219	13,082	191	98	93
<b>Malignant melanoma of skin</b>	2,118	1,451	667	10†	6	*
<b>Malignant neoplasm of breast</b>	8,058	73	7,985	150†	*	145
<b>Malignant neoplasm of cervix uteri</b>	745	0	745	43	0	43
<b>Malignant neoplasm of corpus uteri and uterus, part unspecified</b>	1,367	0	1,367	43	0	43
<b>Malignant neoplasm of ovary</b>	3,082	0	3,082	92	0	92
<b>Malignant neoplasm of prostate</b>	6,152	6,152	0	129	129	0
<b>Malignant neoplasm of kidney and renal pelvis</b>	2,765	1,811	954	125	84	41
<b>Malignant neoplasm of bladder</b>	3,033	2,254	778	18	12	6
<b>Malignant neoplasm of meninges, brain and other parts of central nervous system</b>	3,088	1,707	1,381	40	26	14
<b>Malignant neoplasm of lymphoid, hematopoietic and related tissue</b>	11,425	6,593	4,832	236	111	125
<b>Hodgkin's disease</b>	214	128	86	0†	*	*
<b>Non-Hodgkin's lymphoma</b>	4,242	2,377	1,865	76	34	42
<b>Leukemia</b>	4,638	2,758	1,880	80	39	41
<b>Multiple myeloma and immunoproliferative neoplasms</b>	2,322	1,324	998	77	36	41
<b>Other and unspecified malignant neoplasms of lymphoid tissue</b>	10†	6	*	0	0	0
<b>All other and unspecified malignant neoplasms</b>	12,487	6,970	5,517	401	184	217

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; <sup>a</sup> All racial/ethnic groups combined.

**5.19**  
**UNINTENTIONAL INJURY DEATHS BY MECHANISM AND GENDER AMONG AMERICAN INDIANS AND**  
**ALL RESIDENTS<sup>a</sup> OF ARIZONA, 2004-2014**

	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
<b>Unintentional injury, total</b>	32,564	20,351	12,209	2,987	2,126	861
<b>Railway accidents</b>	107	91	16	40	33	7
<b>Motor vehicle -related</b>	9,902	6,912	2,990	1,490	1,015	475
<b>Water transport accident</b>	29	22	7	0†	*	0
<b>Accident involving aircraft</b>	195	163	32	0†	*	0
<b>Poisoning by drugs/medicaments</b>	7,941	5,066	2,875	317	216	101
<b>Poisoning by gases and vapors</b>	746	586	160	288	242	46
<b>Falls</b>	8,197	3,817	4,379	255	147	108
<b>Fire, flames, smoke</b>	442	282	160	36	28	8
<b>Excessive natural heat</b>	522	381	141	41	30	11
<b>Excessive natural cold</b>	228	183	45	126	107	19
<b>Contact with venomous snakes and lizards</b>	10†	6	*	0†	*	0
<b>Contact with venomous spiders</b>	10†	*	*	0	0	0
<b>Contact with scorpions</b>	0	0	0	0	0	0
<b>Contact with hornets, wasps, bees</b>	10†	6	*	0	0	0
<b>Bitten or struck by dog</b>	17	8	9	0†	*	0
<b>Lightning</b>	12	12	0	0†	*	0
<b>Storms and floods</b>	0†	*	0	0†	*	0
<b>Accidental drowning and submersion</b>	936	702	233	85	72	13
<b>Choked on food</b>	366	201	165	20†	16	*
<b>Choked on other objects</b>	580	326	254	40	26	14
<b>Mechanical suffocation</b>	308	224	84	47	40	7
<b>Accidental discharge of firearms</b>	1,855	1,551	304	78	69	9
<b>Exposure to electric current</b>	65	65	0	0†	*	0
<b>Overexertion</b>	10†	*	*	0	0	0
<b>Adverse effects of drugs in therapeutic use</b>	105	40	65	10†	*	*
<b>Misadventures to patients during medical/surgical care</b>	398	197	201	21	8	13

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; <sup>a</sup> All racial/ethnic groups combined.



# TECHNICAL NOTES



## Sources of Data

The tables in Sections I and II are based on rates and ratios published in the *Arizona Health Status and Vital Statistics* annual report.

Information on live births and deaths in Sections III and IV is compiled from the original documents filed with the Arizona Department of Health Services' Office of Vital Records, and from transcripts of original certificates filed in other states but affecting Arizona residents (copies of certificates for births and deaths occurring to Arizona residents outside the United States are not sent to Arizona).

## Definitions

### Rates

Rate is a measure of the frequency of some event in relation to a unit of population during a specified time period such as a year; events in the numerator of the year occur to individuals in the denominator. Rates express the likelihood (or risk) of the event in the specified population during a particular time and are generally expressed as units of population in the denominator (per 1,000, per 100,000, and so forth).

### Terms Related to Reproductive Health

**Birth or Live Birth** - The complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy which, after such expulsion or extraction, breaths 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 weight** - The weight of a neonate determined immediately after delivery or as soon thereafter as possible.

**Infant death** - Any death at any time from birth up to, but not including, the first year of age (364 days, 23 hours, 59 minutes from the moment of birth).

**Infant mortality rate** - Number of infant deaths per 1,000 live births.

**Low-birthweight** - any neonate weighing less than 2,500 grams at birth (less than 5 pounds 8 ounces).

**Neonatal death** - Death of a liveborn neonate before the neonate becomes 28 days old (up to and including 27 days, 23 hours, 59 minutes from the moment of birth).

**Neonatal mortality rate** - Number of neonatal deaths per 1,000 live births.

**Postneonatal death** - Any death of a liveborn infant at least 28 days of age but less than one year of age.

**Postneonatal mortality rate** - Number of postneonatal deaths per 1,000 live births.

**Very low-birthweight** - Any neonate whose weight at birth is 1,500 grams or less (less than 3 pounds 5 ounces).

## Medical Terms Used on the Birth Certificate

### Births with medical risk factors

**Eclampsia** - The occurrence of convulsions and/or coma unrelated to other cerebral conditions in women with signs and symptoms of preeclampsia.

**Gestational diabetes** - The occurrence of diabetes during pregnancy.

**Pre-existing diabetes** - Metabolic disorder characterized by excessive discharge of urine and persistent thirst diagnosed prior to onset of pregnancy.

**Gestational hypertension** - An increase in blood pressure of at least 30 mm hg systolic or 15 mm hg diastolic on two measurements taken 6 hours apart after the 20th week of gestation.

**Pre-existing hypertension** - Blood pressure persistently greater than 140/90, diagnosed prior to onset of pregnancy or before the 20th week of gestation.

**Previous preterm** - Previous birth of an infant prior to term, before 37 completed weeks of gestation.

**Other previous poor pregnancy outcome** - History of pregnancies continuing into the 20<sup>th</sup> week of gestation and resulting in perinatal death, small-for-gestational age or intrauterine growth restricted birth.

**Gonorrhea** - A highly contagious sexually transmissible disease that is caused by bacterium *Neisseria gonorrhoea*.

**Chlamydia** - A wide-spread sexually transmissible disease caused by the bacterium *Chlamydia trachomatis*. Chlamydia during pregnancy can increase the risk of stillbirth or premature birth.

**Hepatitis B** - A potentially serious form of liver inflammation due to infection by the hepatitis B virus.

**Hepatitis C** - Type of liver inflammation that causes primarily a long-lasting disease.

### Births with complications of labor and/or delivery

**Breech presentation** - At birth, presentation of the fetus in which the buttocks or feet appear first as opposed to head.

**Chorioamnionitis** - Acute inflammation of the membranes and chorion of the placenta, typically due to ascending infectious organisms in the setting of membrane rupture. Clinical signs of chorioamnionitis include fundal tenderness, maternal tachycardia (>100/min), fetal tachycardia (>160/min) and purulent or foul amniotic fluid.

**Maternal transfusion** - Infusion of blood or blood components occurring 24 hours prior delivery or within 24 hours of delivery.

**Meconium staining of the amniotic fluid** - Fetal defecation of meconium while in utero resulting in amniotic fluid with greenish discoloration. Moderate to heavy amounts of meconium in the amniotic fluid noted during labor and/or delivery indicate fetal distress.

**Premature rupture of membranes (more than 12 hours)** - Rupture of membranes at any time during pregnancy and 12 hours before the onset of labor.

**Precipitous labor** - Extremely rapid labor and delivery lasting less than 3 hours.

**Prolonged labor** - Abnormally slow progress of labor lasting for 20 hours or more.

**Third or fourth degree perineal laceration** - Serious types of perineal injury that can be sustained during childbirth. A third-degree perineal laceration is a severe tear in the vaginal tissue, perineal skin, and perineal muscles that extends into the anal sphincter. A fourth-degree laceration is the most severe type of perineal injury; the tear goes completely into the anal sphincter through the rectal mucosa.

**Ruptured uterus** - Tearing of the uterus wall during labor and delivery.

**Unplanned hysterectomy** - Surgical removal of the uterus that was not planned prior to admission for delivery.

**Admission to intensive care unit** - Any admission, planned or unplanned, of the mother to a facility/unit designated as providing intensive care.

**Unplanned surgery following delivery** - Any unplanned operative procedure, excluding postpartum tubal ligations, prior to the admission for delivery.

## Abnormal conditions of the newborn

**Assisted ventilation immediately after delivery** - A mechanical method of assisting respiration for newborns with respiratory failure, required immediately following delivery.

**Assisted ventilation for more than 6 hours** - Newborn placed on assisted ventilation for more than 6 hours.

**Seizure or serious neurologic dysfunction** - A seizure of any etiology; neurologic impairment such as obtundation, stupor, or coma.

**Significant birth injury** - Impairment of the infant's body function or structure due to adverse influences that occurred at birth. Injuries include skeletal fracture(s), peripheral nerve injury and/or soft tissue/solid organ hemorrhage which require intervention. Skeletal fracture includes any bony fracture or weakness or loss of sensation, but excludes fractured clavicles and transient facial nerve palsy. Soft tissue hemorrhage includes sub-galeal (progressive extravasation within the scalp) hemorrhage, giant cephalohematoma, extensive truncal, facial and/or extremity ecchymosis accompanied by evidence of anemia and/or hypovolemia and/or hypotension. Solid organ, hemorrhage includes sub-capsular hematoma of the liver, fractures of the spleen, or adrenal hematoma.

**Surfactant replacement therapy** - Endotracheal instillation of a surface active suspension for the treatment of surfactant deficiency resulting in decreased lung compliance. The treatment is administered immediately after birth for extremely premature babies or later once respiratory problems have manifested themselves.

**Suspected neonatal sepsis** - Neonates presenting signs of sepsis and to whom antibiotics received by the newborn. Any antibacterial drug given systemically (intravenous or intramuscular) to the newborn for suspected neonatal sepsis.

## Congenital anomalies of the newborn

**Anencephalus** - Absence of the cerebral hemispheres.

**Spina bifida/meningocele** - Developmental anomaly characterized by defective closure of the bony encasement of the spinal cord, through which the cord and meninges may or may not protrude.

**Cyanotic congenital heart disease** - Congenital anomalies of heart.

**Congenital diaphragmatic hernia** - Defect in the diaphragm, characterized by an abnormal opening that allows abdominal organs to move into the chest, usually resulting in respiratory distress.

**Omphalocele/Gastroschisis** - An omphalocele is a protrusion of variable amounts of abdominal viscera from a midline defect at the base of the umbilicus. In gastroschisis, the abdominal viscera protrude through an abdominal wall defect, usually on the right side of the umbilical cord insertion.

**Limb reduction defect** - Complete or partial absence of any part of a limb or limbs, excluding congenital amputation and dwarfing syndromes.

**Cleft lip/palate** - Cleft lip is a fissure or elongated opening of the lip; cleft palate is a fissure in the roof of the mouth. These are failures of embryonic development.

**Down's syndrome** - The most common chromosomal defect with most cases resulting from an extra chromosome (trisomy 21).

**Suspected chromosomal disorder** - Any group of congenital malformations resulting from or compatible with known syndromes caused by noticeable defects in chromosome structure.

**Hypospadias** - Congenital anomaly of the male genitalia characterized by an incomplete closure of the urethra.

## Terms Related to Mortality

**Age-adjusted mortality rates** - Because mortality from most causes of death occurs predominately among the elderly, a population group with a larger proportion of older persons would have a higher mortality rate. The "age-adjustment" removes the effect of the age differences among sub-populations (or in the same population over time) by placing them all in a population with a standard age distribution. All age-adjusted mortality rates in this report were computed by the direct method, that is by weighting the age-specific rates for a given year by the age distribution of a standard population. The weighted age-specific rates are then added to produce the summary rate for all ages combined.

Beginning with the 2000 data year, a new population standard for the age adjustment of mortality rates has replaced the standard based on the 1940 population and used since 1943. The new standard uses the age composition of the 2000 U.S. projected population. The standard is expressed in terms of a "standard million": the relative distribution of the 2000 population of the United States totaling 1 million in 10-year age groups:

Age group	2014 population of American Indians	2014 deaths among American Indians	Age-specific rates for American Indians in 2014	2000 standard	Age-adjusted rate for American Indians In 2014
A	B	C	D (C/B)*100000	E	F D*E
<1	6,562	45	685.8	.013818	9.5
1-4	28,468	15	52.7	.055317	2.9
5-14	68,916	13	18.9	.145565	2.7
15-24	70,351	90	127.9	.138646	17.7
25-34	58,488	173	295.8	.135573	40.1
35-44	46,367	187	403.3	.162613	65.6
45-54	43,178	302	699.4	.134834	94.3
55-64	30,862	335	1085.5	.087247	94.7
65-74	16,421	320	1948.7	.066037	128.7
75-84	7,495	336	4483.0	.044842	201.0
85+	2,482	258	10394.8	.015508	161.2
	379,590	2,074		TOTAL	<b>Σ 818.5</b>

**Age-specific mortality** - Number of deaths in a specific age group during a calendar year.

**Cause of death** - For the purpose of national mortality statistics, every death is attributed to one underlying condition, based on information reported on the death certificate and utilizing the international rules for selecting the underlying cause of death from the reported conditions.

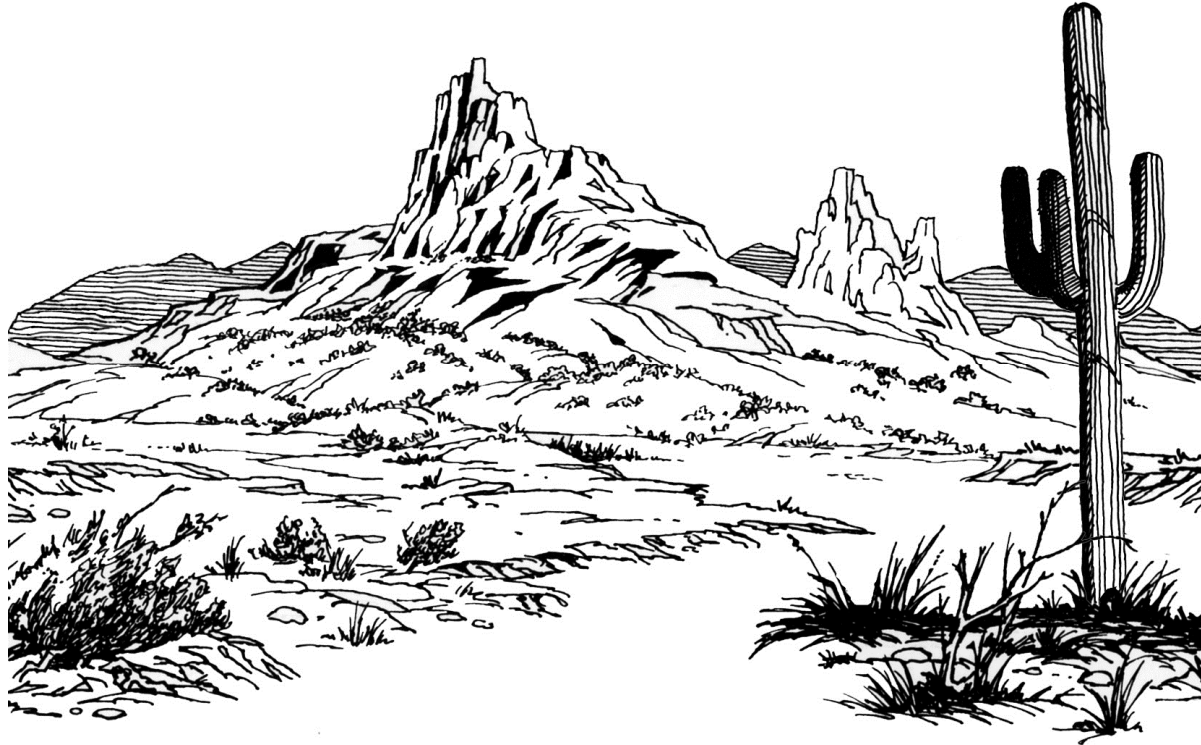
**Cause-specific mortality** - Number of deaths from a specified cause during a calendar year.

**Classification of causes of death** - The cause of death used in this report is the underlying cause classified according to the *International Classification of Diseases (ICD)*. Beginning with the 2000 data year in Arizona (1999 nationally), a new revision of the International Classification of Diseases was implemented. The Tenth Revision (ICD-10) has replaced the Ninth Revision (ICD-9), which was in effect since 1979.

**Drug-induced deaths** - This category was expanded in 2003. Causes of death attributable to drug-related mortality include mental and behavioral disorders due to psychoactive substance use, accidental poisoning by and exposure to drugs, suicide by drugs, homicide by drugs and poisoning by drugs, undetermined intent.

**Firearm mortality** - Causes of death attributable to firearm mortality include accidental discharge of firearms, suicide by firearms, homicide by firearms, legal intervention involving discharge of firearms, terrorism involving firearms and discharge of firearms, undetermined intent.

Our Web site at <http://www.azdhs.gov/plan> provides access to a wide range of statistical information about the health status of Arizonans. The Arizona Health Status and Vital Statistics annual report examines trends in natality, mortality, and morbidity towards established health objectives. In addition to the print and original online versions, the 2014 report is made available as a mobile-friendly e-book. Additional reports and studies include Advance Vital Statistics by County of Residence, Injury Mortality among Arizona Residents (accidents, suicides, homicides, legal intervention, firearm-related fatalities, drug-related deaths, drowning deaths, falls among Arizonans 65 years or older), Hospital Inpatient and Emergency Room Statistics (first-listed diagnosis, procedures, mental disorders, asthma, diabetes, influenza and pneumonia, and substance abuse), Community Vital Statistics, Teenage Pregnancy, Differences in Health Status Among Racial/Ethnic Groups, and Health Status Profile of American Indians in Arizona.



**Population Health and Vital Statistics Section  
Bureau of Public Health Statistics  
PUBLIC HEALTH SERVICES  
ARIZONA DEPARTMENT OF HEALTH SERVICES**