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HEALTH STATUS PROFILE OF AMERICAN INDIANS IN ARIZONA: 2012 DATA BOOK

by

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INTRODUCTION

The report *Health Status Profile of American Indians in Arizona: 2012 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 2012.

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 2012 *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 2012 on 70 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 2002-2012 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 2012. 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.

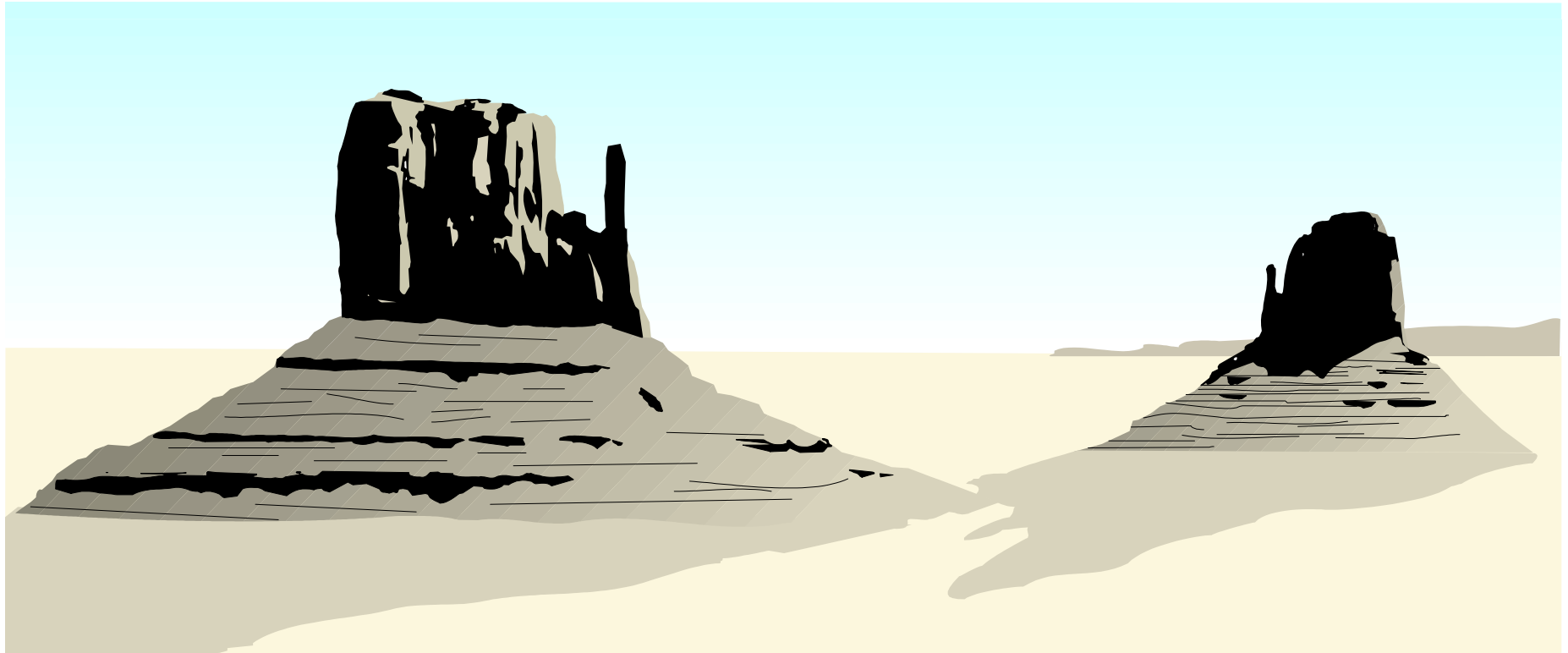
These sections are followed by the **Technical Notes**, which provide information about the sources of data and definitions of terms used in the report. The causes of death for 2002-2012 are classified by the Tenth Revision (ICD-10).

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 2012 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: 2012 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 1995–2012 are available at <http://www.azdhs.gov/plan/report/hspam/index.htm>



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 2012

The risk profile presented on the following page summarizes how American Indians as a group compared in 2012 to the state average on 70 measures of health status. The 70 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 70 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 2012, AMERICAN INDIAN RESIDENTS OF ARIZONA:

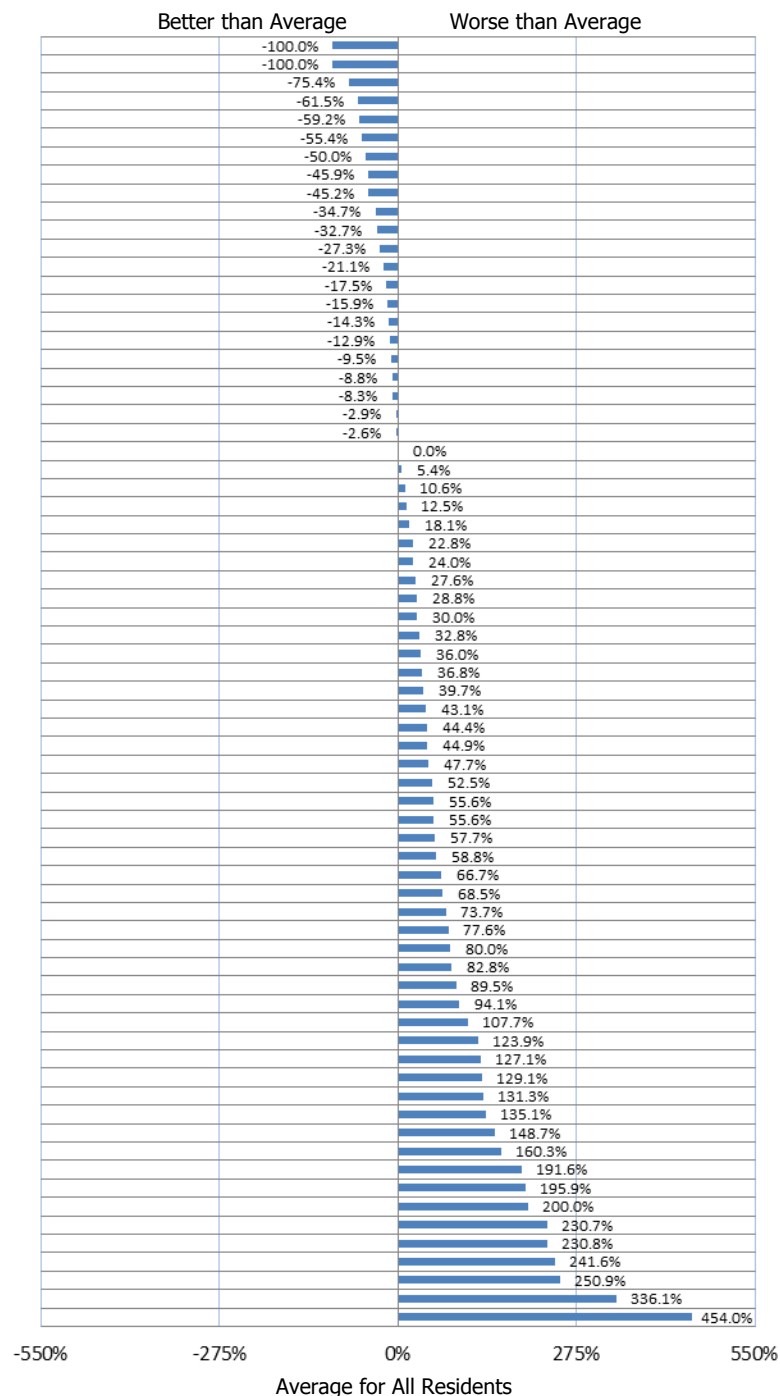
- ranked worse than the statewide average on 47 of 70 health indicators;
- had high mortality from alcohol-induced causes, septicemia, diabetes, motor vehicle accidents, influenza and pneumonia, assault, nephritis, and mortality from unintentional injuries: all contributing to the premature death rate of 78.7 percent.
- ranked poorly on measures of maternal lifestyle and health, as well as in utilization of prenatal care;
- on average were 17 years younger at time of death compared to all racial/ethnic groups;
- ranked better than average on a number of health indicators including (1) mortality rates for several chronic diseases (lung cancer, Alzheimer’s disease, chronic lower respiratory diseases, breast cancer, all malignant neoplasms, colorectal cancer, and heart disease), (2) tobacco use during pregnancy, (3) drug induced deaths, and (4) injury by firearms.

* The comparative risk profiles for American Indian, 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 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 this indicators. A lower-than-average median age at death obviously reflects a worse off life expectancy.

2012 RISK PROFILE OF AMERICAN INDIANS

(Percent above or below the average rate or ratio of all Arizona residents in 2012)

- 4-8. Sudden Infant Death Syndrome (SIDS)
- 4-9. Mortality of infants from low birthweight
- 5-7. Lung cancer
- 5-17. Alzheimer's disease
- 5-5. Chronic lower respiratory diseases
- 5-8. Breast cancer
- 4-1. Incidence of hyaline membrane disease
- 5-10. Colorectal cancer
- 2-2. Tobacco use during pregnancy
- 5-11. Prostate cancer
- 5-6. Malignant neoplasm (cancer)
- 2-9. Genital herpes during pregnancy
- 5-3. Coronary heart disease
- 6-6. Drug-induced deaths
- 5-2. Diseases of the heart
- 4-2. Incidence of newborn intensive care
- 5-1. Cardiovascular disease
- 5-4. Cerebrovascular disease
- 6-5. Injury by firearms
- 4-5. Born too small: <1,500 grams
- 4-4. Born too small: <2,500 grams
- 4-10. Neonatal mortality
- 1-2. Pregnancies among females 14 and younger
- 4-3. Born too early (preterm or < 37 weeks)
- 6-8. Intentional self-harm (suicide)
- 4-6. Incidence of congenital anomalies
- 6-3. Fall-related injuries
- 5-20. Total mortality from all causes
- 8-3. Median age at death among females
- 4-7. Infant mortality
- 8-1. Median age at death from all causes
- 5-15. HIV disease
- 8-2. Median age at death among males
- 2-10. Weight gain of less than 21 pounds
- 5-9. Cervical cancer
- 5-19. Essential (primary) hypertension
- 8-4. Deaths before expected years of life reached
- 2-8. Pregnancy-associated hypertension
- 7-4. Mortality of middle-aged adults 45-64 years
- 1-3. Pregnancies among females 15-17 years
- 9-5. Incidence of HIV/AIDS
- 1-1. Pregnancies among females 19 and younger
- 2-4. Chronic hypertension
- 1-4. Pregnancies among females 18-19 years
- 2-5. Dysfunctional labor
- 3-3. No prenatal care
- 9-1. Incidence of early syphilis
- 2-1. Unmarried mothers
- 9-4. Incidence of genital herpes
- 2-6. Anemia during pregnancy
- 3-1. No care in the 1st trimester
- 4-11. Postneonatal mortality
- 2-7. Diabetes during pregnancy
- 9-2. Incidence of gonorrhea
- 6-1. Unintentional injuries
- 6-4. Drowning mortality
- 7-2. Mortality of adolescents 15-19 years
- 3-2. Fewer than five prenatal visits
- 9-3. Incidence of chlamydia
- 5-18. Nephritis, nephrotic syndrome and nephrosis
- 7-3. Mortality of young adults 20-44 years
- 6-9. Assault (homicide)
- 7-1. Mortality of children 1-14 years
- 2-3. Alcohol use during pregnancy
- 6-2. Motor vehicle-related injuries
- 5-12. Influenza and pneumonia
- 5-16. Septicemia
- 5-13. Diabetes
- 5-14. Chronic liver disease and cirrhosis
- 6-7. Alcohol-induced deaths



**AMERICAN INDIANS' STANDING IN ARIZONA IN 2012
ON 70 INDICATORS OF HEALTH STATUS**

1. TEEN PREGNANCIES

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

Figure Number	Indicator	2012 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2012	Definitions
1-1	Pregnancies among females 19 and younger	33.6	55.6	21.6	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	0.5	0.0	0.5	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	32.2	47.7	21.8	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	110.7	57.7	70.2	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	2012 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2012	Definitions
2-1	Unmarried mothers	78.5	73.7	45.2	The number of births to unmarried mothers per 100 births.
2-2	Tobacco use during pregnancy	2.3	-45.2	4.2	The number of mothers giving birth who self-reported tobacco use during pregnancy per 100 births.
2-3	Alcohol use during pregnancy	1.5	200.0	0.5	The number of mothers giving birth who self-reported alcohol use during pregnancy per 100 births.
2-4	Chronic hypertension	1.4	55.6	0.9	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).
2-5	Dysfunctional labor	2.7	58.8	1.7	Failure to progress in a normal pattern of labor (the number of cases per 100 births).
2-6	Anemia during pregnancy	8.1	80.0	4.5	Hemoglobin level of less than 10.0 g/dL during pregnancy, or hematocrit of less than 30 percent during pregnancy (the number of cases per 100 births).
2-7	Diabetes during pregnancy	9.9	94.1	5.1	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).
2-8	Pregnancy-associated hypertension	6.5	44.4	4.5	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).
2-9	Genital herpes during pregnancy	0.8	-27.3	1.1	Infection of the skin of the genital area by herpes simplex virus (the number of cases per 100 births).
2-10	Weight gain of less than 21 pounds	35.9	36.0	26.4	The number of women giving birth who gained less than 21 pounds per 100 births.

**AMERICAN INDIANS' STANDING IN ARIZONA IN 2012
ON 70 INDICATORS OF HEALTH STATUS (continued)**

3. UTILIZATION OF PRENATAL CARE SERVICES

(Per 100 live births)

Figure Number	Indicator	2012 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2012	Definitions
3-1	No care in the 1 st trimester	31.8	82.8	17.4	The number of mothers giving birth who received no prenatal care in the 1 st trimester of pregnancy per 100 births.
3-2	Fewer than five prenatal visits	11.1	131.3	4.8	The number of mothers giving birth who had fewer than five prenatal visits during pregnancy per 100 births.
3-3	No prenatal care	2.0	66.7	1.2	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	2012 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2012	Definitions
4-1	Incidence of hyaline membrane disease	0.1	-50.0	0.2	The number of cases of hyaline membrane disease per 100 births. Hyaline membrane disease is a disorder primarily of prematurity, manifested clinically by respiratory distress and pathologically by pulmonary hyaline membranes and incomplete expansion of the lungs at birth.
4-2	Incidence of newborn intensive care	4.2	-14.3	4.9	The number of babies admitted to Newborn Intensive Care units per 100 births.
4-3	Born too early (preterm or < 37 weeks)	9.7	5.4	9.2	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 th week (259 th day), following onset of the last menstrual period.
4-4	Born too small: low-birthweight (<2,500 grams)	6.7	-2.9	6.9	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).
4-5	Born too small: very low-birthweight (<1,500 grams)	1.1	-8.3	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).
4-6	Incidence of congenital anomalies (birth defects)	0.9	12.5	0.8	The numbers of babies born with birth defects per 100 births.
4-7	Infant mortality	7.4	27.6	5.8	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).
4-8	Sudden Infant Death Syndrome (SIDS)	0.0	-100.0	0.2	The number of infant deaths from Sudden Infant Death Syndrome (ICD-10 code R95) per 1,000 live births.
4-9	Mortality of infants from low birthweight/short gestation	0.0	-100.0	0.7	The number of infant deaths from low-birthweight/short gestation (ICD-10 code P07) per 1,000 live births.
4-10	Neonatal mortality	3.8	-2.6	3.9	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).
4-11	Postneonatal mortality	3.6	89.5	1.9	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 2012
ON 70 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	2012 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2012	Definitions
5-1	Cardiovascular disease	168.3	-12.9	193.3	The number of deaths from cardiovascular diseases (ICD-10 codes I00-I78) per 100,000 age-adjusted population.
5-2	Diseases of the heart	122.7	-15.8	145.8	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	88.9	-21.1	112.7	The number of deaths from coronary heart disease (ICD-10 codes I200-I259) per 100,000 age-adjusted population.
5-4	Cerebrovascular disease	27.1	-9.4	29.9	The number of deaths from cerebrovascular disease (ICD-10 codes I60-I69) per 100,000 age-adjusted population.
5-5	Chronic lower respiratory diseases	18.0	-59.3	44.2	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)	100.8	-32.7	149.8	The number of deaths from cancer (ICD-10 codes C00-C97) per 100,000 age-adjusted population.
5-7	Lung cancer	9.3	-75.3	37.7	The number of deaths from lung cancer (ICD-10 codes C33-C34) per 100,000 age-adjusted population.
5-8	Breast cancer	8.6	-55.2	19.2	The number of deaths from breast cancer (ICD-10 code C50) per 100,000 age-adjusted female population.
5-9	Cervical cancer	2.8	40.0	2.0	The number of deaths from cervical cancer (ICD-10 code C53) per 100,000 age-adjusted female population.
5-10	Colorectal cancer	7.1	-45.8	13.1	The number of deaths from colorectal cancer (ICD-10 codes C18-C21) per 100,000 age-adjusted population.
5-11	Prostate cancer	12.4	-34.4	18.9	The number of deaths from prostate cancer (ICD-10 code C61) per 100,000 age-adjusted male population.
5-12	Influenza and pneumonia	30.0	229.7	9.1	The number of deaths from influenza and pneumonia (ICD-10 codes J10-J18) per 100,000 age-adjusted population.
5-13	Diabetes	80.2	241.3	23.5	The number of deaths from diabetes (ICD-10 codes E10-E14) per 100,000 age-adjusted population.
5-14	Chronic liver disease and cirrhosis	59.2	335.3	13.6	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	2.0	33.3	1.5	The number of deaths from HIV disease (ICD-10 codes B20-B24) per 100,000 age-adjusted population.
5-16	Septicemia	15.8	251.1	4.5	The number of deaths from septicemia (ICD-10 codes A40-A41) per 100,000 age-adjusted population.
5-17	Alzheimer's disease	12.0	-61.4	31.1	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)	15.5	150.0	6.2	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	14.6	40.4	10.4	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	843.8	22.8	687.2	Total number of deaths from all causes per 100,000 age-adjusted population.

**AMERICAN INDIANS' STANDING IN ARIZONA IN 2012
ON 70 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	2012 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2012	Definitions
6-1	Unintentional injuries	94.8	123.6	42.4	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	37.8	231.6	11.4	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	13.2	17.9	11.2	The number of deaths from fall-related injuries (ICD-10 codes W00–W19) per 100,000 age-adjusted population.
6-4	Drowning mortality	2.9	123.1	1.3	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	12.6	-8.7	13.8	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	-17.8	16.3	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	78.6	453.5	14.2	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)	17.9	10.5	16.2	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)	17.3	193.2	5.9	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 2012
ON 70 INDICATORS OF HEALTH STATUS (continued)**

7. PREMATURE MORTALITY

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

Figure Number	Indicator	2012 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2012	Definitions
7-1	Mortality of children 1-14 years old	57.4	195.9	19.4	The number of deaths per 100,000 children 1-14 years old.
7-2	Mortality of adolescents 15-19 years old	107.9	129.1	47.1	The number of deaths per 100,000 adolescents 15-19 years old.
7-3	Mortality of young adults 20-44 years old	351.4	160.3	135.0	The number of deaths per 100,000 young adults 20-44 years old.
7-4	Mortality of middle-aged adults 45-64 years old	880.3	44.9	607.6	The number of deaths per 100,000 middle-aged adults 45-64 years old.

8. AGE-SPECIFIC MORTALITY

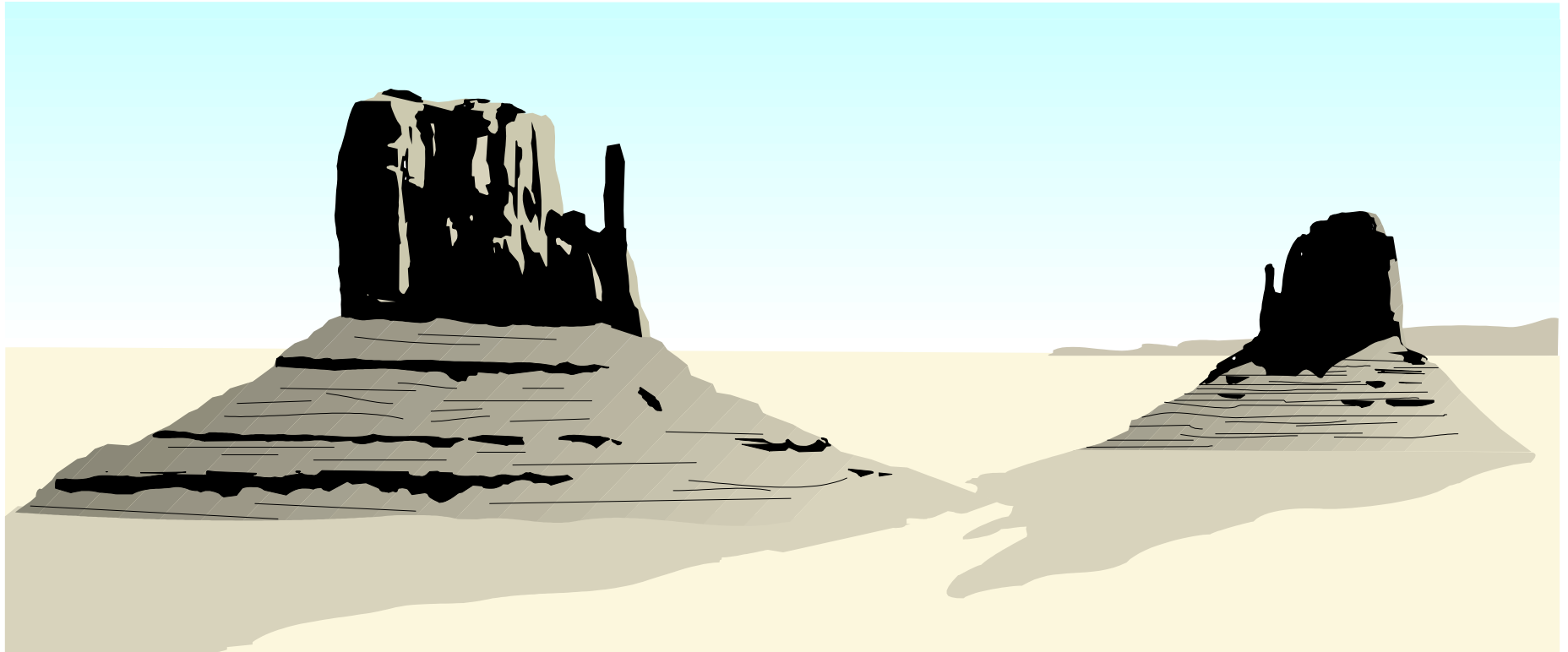
Figure Number	Indicator	2012 rate for American Indians	Percent above or below the average for all groups*	Average rate for all groups in 2012	Definitions
8-1	Median age at death from all causes	59.8	28.8	77.0	The median age (the age in the middle) of Arizonans who died in 2012.
8-2	Median age at death from all causes among males	55.5	32.8	73.7	The median age (the age in the middle) of Arizona males who died in 2012.
8-3	Median age at death from all causes among females	65.0	24.0	80.6	The median age (the age in the middle) of Arizona females who died in 2012.
8-4	Percent of total deaths before expected years of life reached	78.7	43.1	55.0	The number of deaths before reaching 78.7 years (the life expectancy of all U.S. residents in 2011) 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	2012 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2012	Definitions
9-1	Incidence of early syphilis	9.1	68.5	5.4	Number of reported cases of early syphilis per 100,000 population
9-2	Incidence of gonorrhea	185.7	107.7	89.4	Number of reported cases of gonorrhea per 100,000 population
9-3	Incidence of chlamydia	1096.9	135.1	466.5	Number of reported cases of chlamydia per 100,000 population
9-4	Incidence of genital herpes	46.7	77.6	26.3	Number of reported cases of genital herpes per 100,000 population
9-5	Incidence of HIV/AIDS	15.1	52.5	9.9	Number of reported cases of HIV/AIDS per 100,000 population



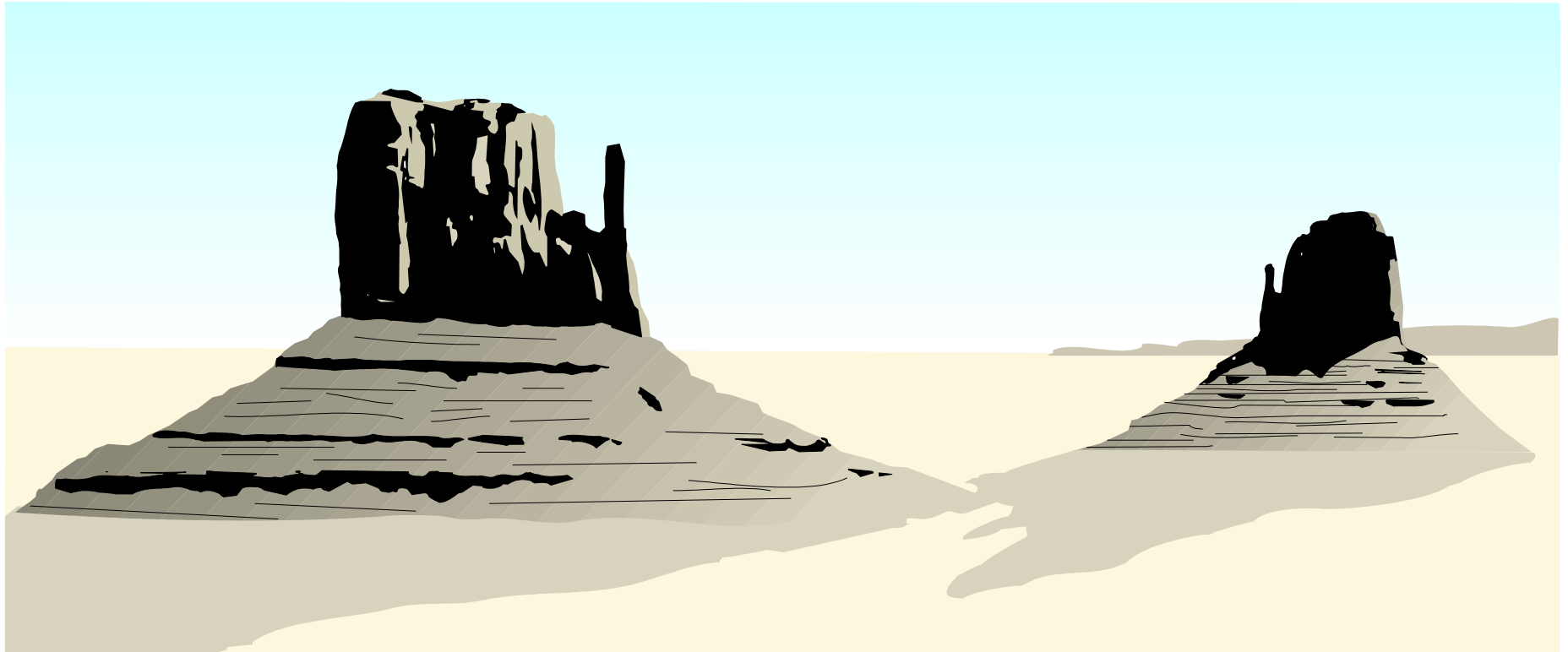
II.

COMPARISON OF AMERICAN INDIANS' STANDING IN ARIZONA WITH RESPECT TO SELECTED HEALTH OBJECTIVES FOR THE YEAR 2012

**COMPARISON OF AMERICAN INDIANS' STANDING IN ARIZONA WITH RESPECT TO
SELECTED HEALTH OBJECTIVES FOR THE YEAR 2012**

National Year 2010 Objectives / Healthy People 2020 Objectives														
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)													
Indicator		2010 Objective	2020 Objective	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
2.1	Percent of American Indian women giving birth who received early prenatal care	90.0	77.9	64.4	68.8	69.0	67.9	65.9	65.9	65.1	66.0	69.4	68.6	68.2
2.2	Number of infant deaths per 1,000 American Indian live births (6 per 1,000)	6.0	6.0	7.0	7.5	7.2	8.3	6.4	8.1	8.2	8.4	8.1	7.4	7.4
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	3.4	4.4	3.8	4.0	2.4	3.9	3.6	4.2	4.3	4.1	3.6
2.4	Number of unintentional injury deaths per 100,000 American Indian population ^a (17.5 per 100,000); (36.0 per 100,000)	17.5	36.0	111.0	108.6	103.9	117.8	97.2	95.0	92.6	92.6	99.2	100.6	94.8
2.5	Number of deaths caused by motor vehicle crashes per 100,000 American Indian population ^a (16 per 100,000); (12.4 per 100,000)	16.0	12.4	65.9	59.0	54.1	62.6	56.9	49.0	41.9	36.9	41.7	44.2	37.8
2.6	Number of suicides per 100,000 American Indian population ^a (10 per 100,000); (10.2 per 100,000)	10.0	10.2	17.9	15.2	17.0	17.5	13.7	9.8	13.5	15.9	18.7	14.9	17.9
2.7	Number of homicides per 100,000 American Indian population ^a (5 per 100,000); (5.5 per 100,000)	5.0	5.5	20.3	18.8	14.7	14.0	13.2	13.1	12.8	13.2	18.0	11.9	17.3
2.8	Number of deaths due to diabetes reported as the underlying or multiple cause of death per 100,000 American Indian population ^a (45 per 100,000); (65.8 per 100,000)	45.0	65.8	155.7	118.7	125.4	138.9	100.2	107.2	108.1	111.4	130.4	105.3	155.7
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 ^a (3 per 100,000); (8.2 per 100,000)	3.0	8.2	40.5	38.8	51.0	51.2	43.6	36.8	40.7	54.0	64.6	43.6	59.2
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 ^a (2 per 100,000); (2.2 per 100,000)	2.0	2.2	4.7	4.2	2.0	3.4	5.8	2.3	4.8	4.1	3.0	3.1	2.8

Note: ^a Age-adjusted to the 2000 US standard population.



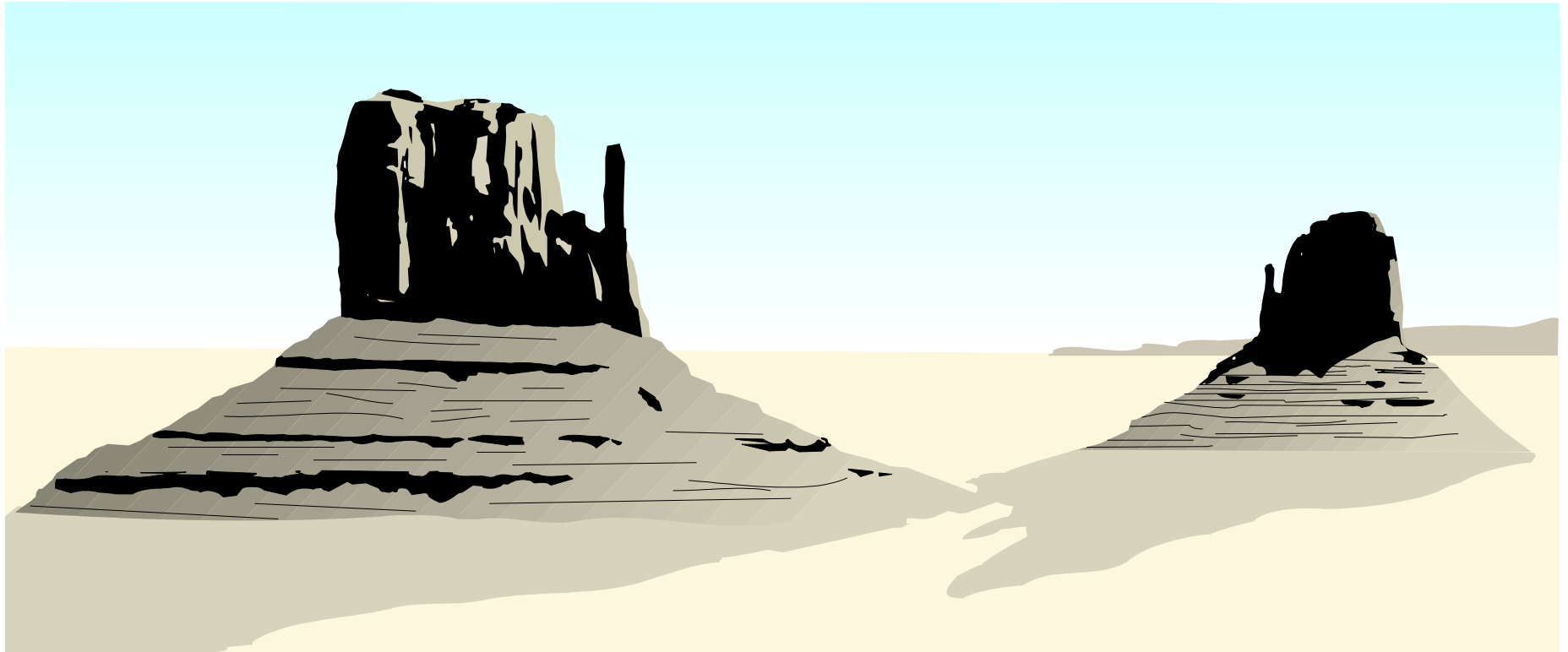
III.

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

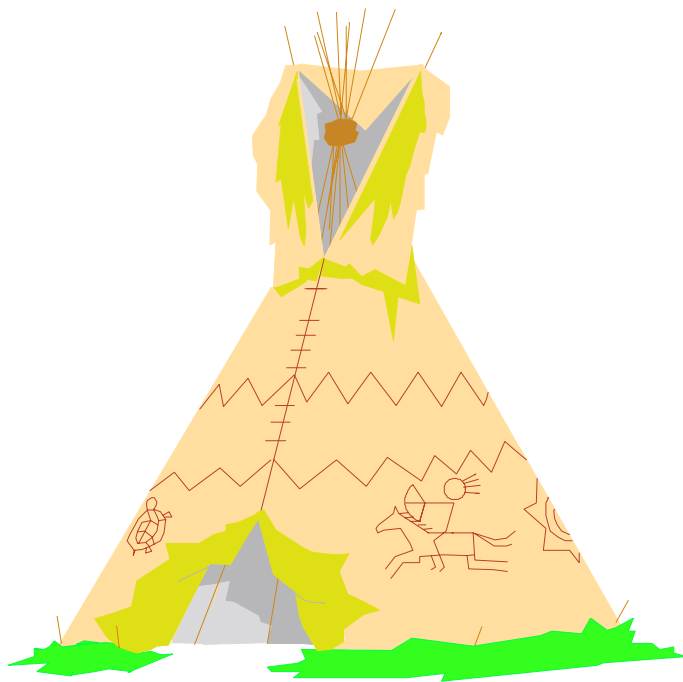
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Median Age at Death from all Causes											
All Arizonans	76.0	76.0	76.0	77.0	76.0	76.0	77.0	76.0	77.0	77.0	77.0
American Indians	57.0	56.0	58.0	59.0	57.0	59.0	59.0	59.0	58.0	60.0	59.8
Births to Unmarried Mothers^a											
All Arizonans	40.2	41.2	41.9	42.8	43.9	45.0	45.1	45.2	44.7	44.3	45.2
American Indians	69.7	72.4	73.1	72.9	74.8	75.9	75.8	76.9	77.7	77.1	78.5
Incidence of Gonorrhea^b											
All Arizonans	68.9	63.5	70.1	81.9	95.3	78.7	52.8	49.3	50.8	71.4	89.4
American Indians	107.7	103.1	142.7	142.6	125.7	94.4	73.3	50.0	85.1	162.8	185.7
Low-Birthweight Births^a											
All Arizonans	6.8	7.1	7.2	6.9	7.1	7.1	7.1	7.1	7.1	7.0	6.9
American Indians	6.5	6.8	7.2	7.3	7.4	6.6	6.7	6.4	7.0	6.9	6.7
Fetal Alcohol Syndrome^c											
All Arizonans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
American Indians	0.4	0.0	0.5	0.2	0.6	0.2	0.0	0.5	0.3	0.0	0.2
Births to Teenage Mothers^a											
All Arizonans	13.1	12.9	12.7	12.5	12.7	12.6	12.3	11.8	10.8	9.9	9.5
American Indians	18.7	19.4	18.7	19.1	19.1	20.1	18.6	19.0	17.0	16.9	16.0
Birth Defects (Congenital Anomalies)^a											
All Arizonans	1.3	1.0	1.0	1.0	0.9	0.8	0.9	0.6	0.6	1.1	0.8
American Indians	2.2	1.3	1.6	1.5	1.2	1.4	0.9	0.8	0.6	1.4	0.9
Pregnancy-associated Hypertension^c											
All Arizonans	25.2	28.0	28.8	30.9	28.8	31.0	35.3	36.1	39.1	41.9	45.2
American Indians	46.0	57.1	54.4	58.2	58.8	57.9	58.9	55.4	61.2	62.8	64.6
Anemia during Pregnancy^c											
All Arizonans	18.1	20.2	21.7	20.4	19.5	29.8	39.5	35.7	38.2	36.1	44.5
American Indians	51.0	54.8	54.6	56.1	66.2	67.6	72.5	71.8	59.5	59.9	80.8
Diabetes during Pregnancy^c											
All Arizonans	23.4	21.4	24.5	29.7	31.6	34.3	38.9	38.7	41.8	46.4	51.2
American Indians	65.5	60.0	75.7	82.5	72.0	80.4	82.0	82.2	77.9	93.3	99.3

Notes: ^a Per 100 live births; ^b Per 100,000 population; ^c Per 1,000 births.



IV.

CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND MOTHERS GIVING BIRTH BY PLACE OF RESIDENCE IN ARIZONA IN 2012



SOCIODEMOGRAPHIC CHARACTERISTICS

**4.1
MATERNAL AGE (2012 STATUS)**

		TOTAL BIRTHS	Mother's age group								
			<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,569	10†	250†	630†	1,840†	1,430†	870†	430†	90†	10†
Resided on reservation	Ak-Chin Indian Community	20†	0	*	*	7	*	*	*	0	0
	Cocopah Tribe	10†	0	*	*	*	*	*	0	0	0
	Colorado River Indian Tribe	40†	0	*	*	15	14	9	*	*	0
	Fort McDowell Yavapai Nation Reservation	20†	0	0	*	*	*	6	*	0	0
	Fort Mojave Indian Tribe	10†	0	0	0	*	0	*	*	0	0
	Gila River Indian Community	70†	*	*	9	24	15	9	*	*	0
	Havasupai Tribe	10†	0	0	*	*	*	*	*	0	0
	Hopi Tribe	162	0	8	20	45	39	29	14	7	0
	Hualapai Tribe	40†	0	*	*	17	7	6	*	0	0
	Navajo Nation	1,360†	*	56	146	388	378	223	128	35	*
	Pascua Yaqui Tribe	70†	0	*	8	30	17	11	*	0	0
	Salt River Pima-Maricopa Indian Community	100†	0	*	14	33	23	9	11	*	0
	San Carlos Apache Tribe	280†	0	18	36	107	63	35	20	*	*
	Tohono O'Odham Nation	150†	0	8	22	39	46	29	6	*	0
	White Mountain Apache Tribe	340†	*	17	43	141	72	40	21	*	0
	Yavapai-Apache Nation	10†	0	*	*	*	*	*	*	0	0
	Yavapai-Prescott Indian Tribe	0†	0	0	*	0	*	0	0	0	0
	TOTAL	2,684	10†	130†	310†	860†	690†	420†	220†	50†	0†
Resided off reservation	---in Maricopa County	1,560†	*	65	175	522	376	271	120	23	*
	---in Pima County	365	0	10	39	126	112	43	28	7	0
	---in Coconino County	210†	0	7	25	69	55	26	21	*	*
	---elsewhere in Arizona	760†	0	39	79	262	203	118	49	7	*
		TOTAL	2,885	0†	121	318	979	746	458	218	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 (2012 STATUS)

		TOTAL BIRTHS	Mother's education						Un-known
			< 8	8	9-11	12	13-16	17+	
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,569	40†	100†	1,350†	2,300†	1,640†	130†	20†
Resided on reservation	Ak-Chin Indian Community	20†	0	*	9	*	*	0	0
	Cocopah Tribe	10†	0	*	*	8	0	0	0
	Colorado River Indian Tribe	40†	0	0	12	22	7	*	*
	Fort McDowell Yavapai Nation Reservation	20†	0	0	*	13	*	0	*
	Fort Mojave Indian Tribe	10†	0	0	*	*	*	0	0
	Gila River Indian Community	70†	*	6	31	19	9	0	0
	Havasupai Tribe	10†	0	0	*	*	0	0	0
	Hopi Tribe	160†	0	*	22	89	48	*	0
	Hualapai Tribe	40†	0	*	16	16	*	0	0
	Navajo Nation	1,360†	*	13	235	587	494	25	0
	Pascua Yaqui Tribe	70†	0	0	26	31	16	*	0
	Salt River Pima-Maricopa Indian Community	100†	*	*	32	45	13	*	*
	San Carlos Apache Tribe	280†	0	*	101	133	41	*	0
	Tohono O'Odham Nation	150†	*	0	68	60	22	0	0
	White Mountain Apache Tribe	340†	*	*	117	158	55	*	0
	Yavapai-Apache Nation	10†	0	0	*	7	*	0	0
	Yavapai-Prescott Indian Tribe	0†	0	0	*	*	0	0	0
	TOTAL	2,684	10†	30†	680†	1,200†	720†	40†	10†
Resided off reservation	---in Maricopa County	1,556	18	43	308	542	584	53	8
	---in Pima County	370†	*	9	101	135	106	10	0
	---in Coconino County	210†	*	*	27	112	61	*	0
	---elsewhere in Arizona	758	6	18	228	306	175	22	*
		TOTAL	2,885	30†	70†	664	1,095	926	90†

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 (2012 STATUS)**

		TOTAL BIRTHS	Marital status		
			Married	Unmarried	Other
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,569	1,130†	4,370†	70†
Resided on reservation	Ak-Chin Indian Community	19	6	13	0
	Cocopah Tribe	12	0	12	0
	Colorado River Indian Tribe	43	7	36	0
	Fort McDowell Yavapai Nation Reservation	20†	*	15	0
	Fort Mojave Indian Tribe	10†	0	*	0
	Gila River Indian Community	67	6	58	*
	Havasupai Tribe	10†	*	6	0
	Hopi Tribe	162	26	134	*
	Hualapai Tribe	40†	*	31	0
	Navajo Nation	1,359	242	1,099	18
	Pascua Yaqui Tribe	74	9	65	0
	Salt River Pima-Maricopa Indian Community	98	13	84	*
	San Carlos Apache Tribe	281	53	226	*
	Tohono O'Odham Nation	151	13	138	0
	White Mountain Apache Tribe	339	84	252	*
	Yavapai-Apache Nation	10†	*	10	0
	Yavapai-Prescott Indian Tribe	0†	*	*	0
		TOTAL	2,684	470†	2,190†
Resided off reservation	---in Maricopa County	1,556	366	1,168	22
	---in Pima County	365	77	283	*
	---in Coconino County	206	48	153	*
	---elsewhere in Arizona	758	171	581	6
		TOTAL	2,885	662	2,185

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.

4.4
RACE/ETHNICITY OF FATHER (2012 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	Un-known
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,569	400†	640†	150†	3,200†	50†	1,130†
Resided on reservation	Ak-Chin Indian Community	20†	0	*	*	10	*	*
	Cocopah Tribe	10†	*	*	0	7	0	*
	Colorado River Indian Tribe	43	7	9	0	16	0	11
	Fort McDowell Yavapai Nation Reservation	20†	0	*	0	9	0	8
	Fort Mojave Indian Tribe	10†	0	0	0	*	0	*
	Gila River Indian Community	70†	*	*	*	40	0	19
	Havasupai Tribe	10†	0	*	0	*	0	*
	Hopi Tribe	160†	*	*	0	130	0	29
	Hualapai Tribe	36	0	0	0	23	0	13
	Navajo Nation	1,359	28	13	7	1,109	7	195
	Pascua Yaqui Tribe	70†	*	12	*	38	0	18
	Salt River Pima-Maricopa Indian Community	100†	6	12	*	50	0	28
	San Carlos Apache Tribe	280†	*	*	*	196	0	79
	Tohono O'Odham Nation	150†	0	*	*	90	0	56
	White Mountain Apache Tribe	340†	*	*	0	278	*	53
	Yavapai-Apache Nation	10†	0	*	*	*	0	*
	Yavapai-Prescott Indian Tribe	0†	0	*	0	0	0	*
	TOTAL	2,684	50†	70†	20†	2,010†	10†	530†
Resided off reservation	---in Maricopa County	1,556	202	366	95	554	32	307
	---in Pima County	370†	36	84	11	127	*	102
	---in Coconino County	210†	24	9	*	139	*	27
	---elsewhere in Arizona	760†	82	111	18	374	*	169
		TOTAL	2,885	344	570	130†	1,194	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.

**4.5
AGE OF FATHER (2012 STATUS)**

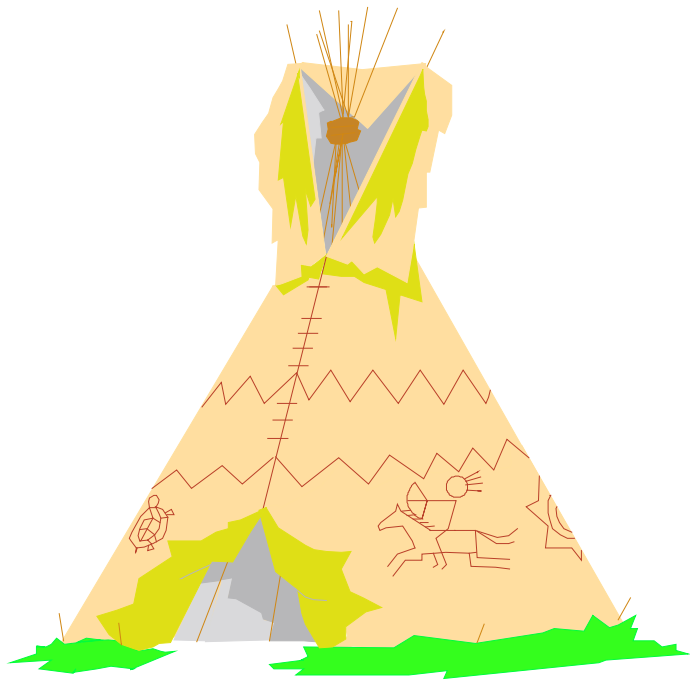
		TOTAL BIRTHS	Father's age group											
			<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55+	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,569	0†	110†	310†	1,210†	1,210†	830†	460†	200†	90†	20†	10†	1,120†
Resided on reservation	Ak-Chin Indian Community	20†	0	*	0	*	6	*	0	0	0	0	0	*
	Cocopah Tribe	10†	0	*	*	*	*	*	0	0	0	0	0	*
	Colorado River Indian Tribe	40†	0	*	*	12	8	*	*	0	0	0	0	11
	Fort McDowell Yavapai Nation Reservation	20†	0	*	0	*	*	*	*	0	0	0	0	8
	Fort Mojave Indian Tribe	10†	0	0	0	0	*	*	*	0	0	0	0	*
	Gila River Indian Community	70†	0	*	6	22	9	*	*	0	0	0	0	19
	Havasupai Tribe	10†	0	0	*	*	0	0	*	0	*	0	0	*
	Hopi Tribe	160†	0	*	12	30	30	31	17	6	*	0	0	29
	Hualapai Tribe	40†	0	0	*	*	9	*	*	*	*	0	0	13
	Navajo Nation	1,360†	*	25	63	296	307	226	145	58	31	10	*	195
	Pascua Yaqui Tribe	70†	0	*	9	12	15	10	*	*	*	0	0	18
	Salt River Pima-Maricopa Indian Community	100†	*	*	7	19	16	13	6	*	*	0	0	29
	San Carlos Apache Tribe	280†	0	9	24	64	49	36	13	*	*	0	*	79
	Tohono O'Odham Nation	150†	0	*	10	19	33	18	10	*	*	0	0	56
	White Mountain Apache Tribe	340†	0	7	23	97	78	45	21	8	*	*	0	53
	Yavapai-Apache Nation	10†	0	0	0	*	*	*	*	0	0	0	0	*
	Yavapai-Prescott Indian Tribe	0†	0	0	0	0	*	0	0	0	0	0	0	*
TOTAL	2,684	0†	60†	160†	590†	570†	400†	240†	90†	50†	10†	0†	530†	
Resided off reservation	---in Maricopa County	1,560†	0	30	80	341	338	246	128	63	19	7	*	301
	---in Pima County	370†	0	6	15	69	77	45	23	15	11	*	*	102
	---in Coconino County	210†	0	*	11	46	54	30	21	11	*	*	0	27
	---elsewhere in Arizona	760†	0	15	43	162	176	102	55	25	9	*	*	168
	TOTAL	2,885	0	50†	149	618	645	423	227	114	40†	10†	10†	598

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 (2012 STATUS)

		TOTAL BIRTHS	Payee for births				
			AHCCCS ^a	IHS	Private insurance	Self	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,569	3,460†	1,350†	690†	40†	20†
Resided on reservation	Ak-Chin Indian Community	20†	13	*	*	0	0
	Cocopah Tribe	10†	10	*	*	0	0
	Colorado River Indian Tribe	40†	15	24	*	*	0
	Fort McDowell Yavapai Nation Reservation	20†	*	0	15	*	0
	Fort Mojave Indian Tribe	10†	*	*	*	0	0
	Gila River Indian Community	67	47	14	6	0	0
	Havasupai Tribe	10†	*	*	0	*	0
	Hopi Tribe	160†	49	107	*	0	*
	Hualapai Tribe	40†	30	*	*	*	0
	Navajo Nation	1,360†	733	579	43	*	*
	Pascua Yaqui Tribe	70†	57	15	*	0	0
	Salt River Pima-Maricopa Indian Community	100†	60	15	21	*	*
	San Carlos Apache Tribe	281	85	176	19	0	*
	Tohono O'Odham Nation	150†	106	22	20	*	*
	White Mountain Apache Tribe	340†	319	8	6	*	*
	Yavapai-Apache Nation	10†	*	*	*	0	0
	Yavapai-Prescott Indian Tribe	0†	0	0	*	0	0
	TOTAL	2,684	1,540†	970†	160†	10†	10†
Resided off reservation	---in Maricopa County	1,556	1,043	148	340	21	*
	---in Pima County	370†	253	57	53	*	0
	---in Coconino County	210†	134	46	25	*	0
	---elsewhere in Arizona	758	498	125	121	8	6
		TOTAL	2,885	1,928	376	539	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; ^a 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 (2012 STATUS)

		TOTAL BIRTHS	Weight gain						Un-known
			None	1-15 pounds	16-20 pounds	21-24 pounds	25-30 pounds	31+ pounds	
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,569	150†	1,080†	770†	430†	1,190†	1,830†	120†
Resided on reservation	Ak-Chin Indian Community	20†	*	*	*	*	*	9	0
	Cocopah Tribe	10†	*	*	*	*	*	*	0
	Colorado River Indian Tribe	40†	0	19	*	*	*	13	*
	Fort McDowell Yavapai Nation Reservation	20†	0	*	*	*	*	6	0
	Fort Mojave Indian Tribe	10†	0	*	*	0	0	0	*
	Gila River Indian Community	70†	*	*	9	6	21	23	*
	Havasupai Tribe	10†	0	*	0	0	*	*	0
	Hopi Tribe	162	6	52	25	8	22	43	6
	Hualapai Tribe	40†	0	9	*	*	13	10	0
	Navajo Nation	1,359	30	363	184	136	256	375	15
	Pascua Yaqui Tribe	70†	*	18	13	*	15	20	*
	Salt River Pima-Maricopa Indian Community	100†	*	15	16	6	12	41	*
	San Carlos Apache Tribe	280†	*	43	49	12	69	95	9
	Tohono O'Odham Nation	151	14	46	18	7	35	28	*
	White Mountain Apache Tribe	340†	*	66	54	25	58	108	24
	Yavapai-Apache Nation	10†	0	0	0	0	*	6	0
Yavapai-Prescott Indian Tribe	0†	0	0	0	*	*	0	0	
	TOTAL	2,684	70†	650†	380†	210†	520†	780†	70†
Resided off reservation	---in Maricopa County	1,556	42	220	207	119	350	591	27
	---in Pima County	365	17	75	45	38	68	118	*
	---in Coconino County	206	6	32	16	16	54	78	*
	---elsewhere in Arizona	758	13	111	114	47	195	261	17
		TOTAL	2,885	78	438	382	220	667	1,048

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 (2012 STATUS)

		TOTAL BIRTHS	Births with medical risk factors	Medical risk factors ^a																	
				Anemia	Cardiac disease	Lung disease	Diabetes	Genital herpes	Hydramnios	Hemoglobinopathy	Chronic hypertension	Pregnancy associated hypertension	Eclampsia	Previous infant 4000+g	Previous SGA infant	Renal disease	RH sensitization	Uterine bleeding	Incompetent cervix	Other	
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,569	2,730†	450†	10†	100†	550†	50†	80†	0	80†	360†	90†	10†	50†	50†	0†	10†	20†	1,880†	
Resided on reservation	Ak-Chin Indian Community	19	10†	*	0	*	*	0	*	0	0	0	0	0	0	0	0	0	0	*	
	Cocopah Tribe	12	10†	0	0	0	*	0	*	0	*	0	0	0	0	0	0	0	0	0	*
	Colorado River Indian Tribe	43	20†	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	15
	Fort McDowell Yavapai Nation Reservation	18	10†	*	0	*	*	0	*	0	0	*	0	0	0	0	0	0	0	0	*
	Fort Mojave Indian Tribe	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
	Gila River Indian Community	67	30†	*	0	*	10	0	*	0	0	0	*	0	0	0	0	0	0	0	9
	Havasupai Tribe	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hopi Tribe	162	70†	8	0	0	23	0	*	0	*	15	*	0	*	*	0	0	0	0	25
	Hualapai Tribe	36	0†	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0	*
	Navajo Nation	1,359	620†	100	*	*	131	7	22	0	22	96	24	*	20	13	*	*	*	*	363
	Pascua Yaqui Tribe	74	60†	14	0	0	6	0	*	0	*	*	*	0	0	0	0	0	0	0	52
	Salt River Pima-Maricopa Indian Community	98	60†	15	0	*	20	0	*	0	*	*	*	0	*	0	0	0	0	0	45
	San Carlos Apache Tribe	281	150†	21	0	*	27	*	*	0	*	26	*	*	*	*	0	0	0	*	106
	Tohono O'Odham Nation	151	120†	16	0	*	22	*	7	0	*	9	8	0	*	0	0	0	0	0	108
	White Mountain Apache Tribe	339	180†	17	0	0	24	0	0	0	*	24	9	0	*	*	0	0	0	*	146
	Yavapai-Apache Nation	11	0†	0	0	0	0	0	0	0	*	*	*	0	0	0	0	0	0	0	*
Yavapai-Prescott Indian Tribe	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	TOTAL	2,684	1,320†	200†	0†	20†	270†	10†	40†	0	40†	180†	50†	0†	30†	20†	0†	0†	10†	890†	
Resided off reservation	---in Maricopa County	1,556	810†	162	*	46	171	17	19	0	23	93	18	*	11	12	*	0	8	563	
	---in Pima County	365	250†	40	0	0	25	9	10	0	6	21	11	0	*	*	0	0	*	219	
	---in Coconino County	206	50†	*	0	*	23	*	0	0	0	22	*	0	0	0	0	0	0	19	
	---elsewhere in Arizona	758	300†	46	*	33	62	11	10	0	6	40	6	*	*	11	*	*	*	193	
		TOTAL	2,885	1,409	250†	10†	80†	281	40†	39	0	35	176	40†	10†	10†	20†	0†	10†	10†	994

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 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 (2012 STATUS)

		TOTAL BIRTHS	Substance use			
			Drinker, nonsmoker	Smoker, nondrinker	Smoker and drinker	Nonsmoker and nondrinker
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,569	50†	100†	30†	5,390†
Resided on reservation	Ak-Chin Indian Community	19	0	0	0	19
	Cocopah Tribe	10†	*	0	0	11
	Colorado River Indian Tribe	40†	*	*	*	38
	Fort McDowell Yavapai Nation Reservation	20†	0	*	*	16
	Fort Mojave Indian Tribe	10†	0	0	0	*
	Gila River Indian Community	70†	*	*	0	61
	Havasupai Tribe	10†	*	0	0	6
	Hopi Tribe	160†	0	0	*	161
	Hualapai Tribe	40†	*	*	0	33
	Navajo Nation	1,360†	*	10	*	1,344
	Pascua Yaqui Tribe	70†	0	*	0	73
	Salt River Pima-Maricopa Indian Community	100†	*	*	0	95
	San Carlos Apache Tribe	280†	*	*	*	268
	Tohono O'Odham Nation	150†	*	*	*	148
	White Mountain Apache Tribe	339	13	6	6	314
	Yavapai-Apache Nation	10†	0	*	0	10
	Yavapai-Prescott Indian Tribe	0†	0	0	0	*
		TOTAL	2,684	40†	30†	20†
Resided off reservation	---in Maricopa County	1,556	9	33	8	1,506
	---in Pima County	370†	*	9	0	353
	---in Coconino County	210†	0	*	*	202
	---elsewhere in Arizona	758	7	22	6	723
		TOTAL	2,885	20†	70†	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.



Utilization of Medical Services

4.10
TRIMESTER OF PREGNANCY PRENATAL CARE BEGAN (2012 STATUS)

		TOTAL BIRTHS	Prenatal care				
			No care	1st trimester	2nd trimester	3rd trimester	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,570†	110†	3,800†	1,240†	390†	20†
Resided on reservation	Ak-Chin Indian Community	20†	0	16	*	*	0
	Cocopah Tribe	10†	0	9	*	0	0
	Colorado River Indian Tribe	40†	*	33	*	*	*
	Fort McDowell Yavapai Nation Reservation	20†	*	12	*	0	0
	Fort Mojave Indian Tribe	10†	0	*	*	0	*
	Gila River Indian Community	70†	*	50	10	*	0
	Havasupai Tribe	10†	0	*	*	0	0
	Hopi Tribe	160†	*	105	38	13	*
	Hualapai Tribe	40†	0	31	*	0	0
	Navajo Nation	1,359	16	932	308	101	*
	Pascua Yaqui Tribe	70†	0	53	18	*	0
	Salt River Pima-Maricopa Indian Community	100†	*	51	21	20	*
	San Carlos Apache Tribe	281	15	149	84	29	*
	Tohono O'Odham Nation	150†	*	68	59	20	0
	White Mountain Apache Tribe	339	12	210	92	25	0
	Yavapai-Apache Nation	10†	0	10	*	0	0
	Yavapai-Prescott Indian Tribe	0†	0	*	0	0	0
	TOTAL	2,680†	60†	1,740†	650†	220†	10†
Resided off reservation	---in Maricopa County	1,556	23	1,120	318	91	*
	---in Pima County	365	7	249	86	23	0
	---in Coconino County	210†	*	156	34	14	0
	---elsewhere in Arizona	758	19	534	152	46	7
		TOTAL	2,885	50†	2,059	590	174

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 (2012 STATUS)**

		TOTAL BIRTHS	Prenatal visits					
			No visits	1-4 visits	5-8 visits	9-12 visits	13+ visits	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,569	110†	510†	1,360†	2,410†	1,150†	30†
Resided on reservation	Ak-Chin Indian Community	20†	0	0	*	13	*	0
	Cocopah Tribe	10†	0	*	*	8	*	0
	Colorado River Indian Tribe	40†	*	*	9	14	13	*
	Fort McDowell Yavapai Nation Reservation	20†	*	*	6	9	0	0
	Fort Mojave Indian Tribe	10†	0	0	*	*	0	*
	Gila River Indian Community	70†	*	7	10	33	13	0
	Havasupai Tribe	10†	0	0	*	*	*	0
	Hopi Tribe	160†	*	13	38	81	24	*
	Hualapai Tribe	40†	0	*	8	15	9	0
	Navajo Nation	1,359	16	96	336	569	339	*
	Pascua Yaqui Tribe	70†	0	*	17	40	13	0
	Salt River Pima-Maricopa Indian Community	100†	*	19	25	34	14	*
	San Carlos Apache Tribe	281	15	57	91	84	28	6
	Tohono O'Odham Nation	150†	*	37	53	40	17	0
	White Mountain Apache Tribe	339	12	35	132	135	25	0
	Yavapai-Apache Nation	10†	0	*	0	7	*	0
	Yavapai-Prescott Indian Tribe	0†	0	0	0	0	*	0
	TOTAL	2,684	60†	280†	740†	1,090†	510†	10†
Resided off reservation	---in Maricopa County	1,556	23	117	352	728	332	*
	---in Pima County	365	7	51	87	142	77	*
	---in Coconino County	210†	*	14	36	94	60	0
	---elsewhere in Arizona	758	19	43	149	363	177	7
		TOTAL	2,885	50†	225	624	1,327	646

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 (2012 STATUS)**

		TOTAL BIRTHS	Obstetric procedures ^a						
			Amniocentesis	Electronic Fetal Monitor	Induction of labor	Stimulation of labor	Tocolysis	Ultrasound	Other
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,569	20†	5,180†	980†	880†	30†	3,760†	570†
Resided on reservation	Ak-Chin Indian Community	20†	0	19	*	0	0	19	*
	Cocopah Tribe	10†	0	12	*	*	0	12	0
	Colorado River Indian Tribe	40†	0	43	*	*	0	29	*
	Fort McDowell Yavapai Nation Reservation	20†	0	17	*	*	0	17	*
	Fort Mojave Indian Tribe	10†	0	*	*	*	0	*	0
	Gila River Indian Community	67	0	64	11	10	0	46	13
	Havasupai Tribe	10†	0	6	*	*	0	*	0
	Hopi Tribe	160†	0	148	32	32	0	62	*
	Hualapai Tribe	40†	0	36	9	9	0	*	*
	Navajo Nation	1,360†	*	1,280	245	248	7	651	92
	Pascua Yaqui Tribe	70†	0	73	15	*	0	74	25
	Salt River Pima-Maricopa Indian Community	100†	*	96	13	19	0	89	*
	San Carlos Apache Tribe	281	0	240	44	40	6	91	52
	Tohono O'Odham Nation	151	0	141	28	6	0	137	51
	White Mountain Apache Tribe	340†	*	237	65	74	0	303	*
	Yavapai-Apache Nation	10†	0	11	*	*	0	10	0
	Yavapai-Prescott Indian Tribe	0†	0	*	*	0	0	*	0
	TOTAL	2,684	10†	2,430†	480†	460†	13	1,550†	250†
Resided off reservation	---in Maricopa County	1,556	6	1,507	231	270	7	1,179	93
	---in Pima County	370†	*	350	87	14	0	339	109
	---in Coconino County	210†	0	192	45	54	*	133	*
	---elsewhere in Arizona	760†	*	696	137	85	*	550	109
		TOTAL	2,885	10†	2,745	500	423	10†	2,201

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 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 (2012 STATUS)**

	TOTAL BIRTHS	Births with complications of labor and/or delivery	Complications of labor and/or delivery ^a																
			Febrile	Meconium	Rupture of membrane	Abruptio placenta	Placenta previa	Other bleeding	Seizures	Precipitous labor	Prolonged labor	Dysfunctional labor	Breech malpresentation	Cephalopelvic disp.	Cord prolapse	Anesthetic complic.	Fetal distress	Other	
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA	5,569	1,850	110+	270+	150+	40+	20+	70+	0+	100+	60+	150+	160+	20+	10+	0+	280+	960+	
Resided on reservation																			
Ak-Chin Indian Community	19	10+	*	*	0	0	*	0	0	*	0	0	0	0	0	0	0	*	*
Cocopah Tribe	12	10+	0	*	*	0	0	0	0	0	0	0	*	*	0	0	0	0	*
Colorado River Indian Tribe	43	10+	0	*	*	0	0	0	0	0	0	0	*	0	0	0	0	0	*
Fort McDowell Yavapai Nation Reservation	18	0+	0	0	0	*	0	0	0	0	*	0	0	0	0	0	0	*	*
Fort Mojave Indian Tribe	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gila River Indian Community	67	20+	*	*	0	0	*	0	0	*	*	0	*	0	0	0	0	*	6
Havasupai Tribe	7	0+	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hopi Tribe	162	50+	*	8	10	*	*	*	0	*	0	*	7	0	0	0	0	7	12
Hualapai Tribe	36	0+	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	*
Navajo Nation	1,359	440+	23	47	61	9	*	41	*	41	20	74	38	10	*	0	36	171	
Pascua Yaqui Tribe	74	30+	0	8	*	0	0	0	0	*	0	*	0	0	0	0	0	*	17
Salt River Pima-Maricopa Indian Community	98	40+	*	6	0	*	0	*	0	*	*	*	*	0	0	0	0	7	15
San Carlos Apache Tribe	281	130+	*	14	6	*	0	*	0	20	*	*	11	*	0	0	18	85	
Tohono O'Odham Nation	151	60+	0	18	*	*	*	*	0	0	*	*	*	0	0	0	0	6	38
White Mountain Apache Tribe	339	160+	0	18	*	*	0	0	0	*	*	0	*	0	0	0	0	*	144
Yavapai-Apache Nation	11	0+	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0	0
Yavapai-Prescott Indian Tribe	*	0+	0	0	0	0	0	0	0	0	0	*	*	0	0	0	0	*	*
TOTAL	2,684	950+	40+	120+	80+	20+	10+	50+	0+	70+	30+	90+	80+	10+	0+	0	90+	500+	
Resided off reservation																			
---in Maricopa County	1,556	480+	48	77	40	*	*	9	0	16	17	43	41	*	*	0	133	217	
---in Pima County	365	140+	*	33	6	*	*	*	0	*	*	11	11	0	0	*	9	89	
---in Coconino County	206	50+	*	*	10	*	*	*	0	*	*	*	9	*	0	0	*	12	
---elsewhere in Arizona	758	230+	16	37	11	9	*	*	0	10	*	*	19	0	*	0	50	138	
TOTAL	2,885	903	70+	150+	67	20+	10+	20+	0	30+	30+	60+	80	10+	0+	0+	200+	456	

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 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 (2012 STATUS)**

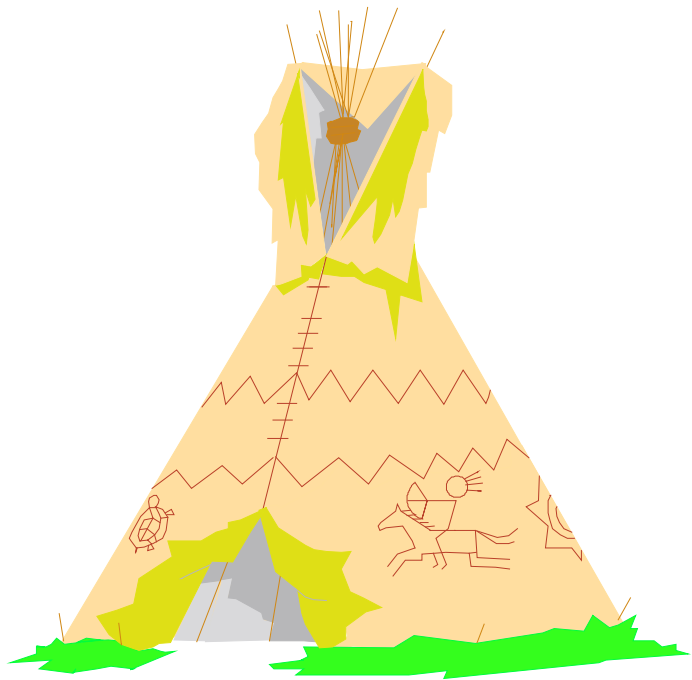
		TOTAL BIRTHS	Method of delivery ^a					
			Vaginal	Vaginal after C-Section	Primary C-Section	Repeat C-Section	Forceps	Vacuum
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,569	4,130†	110†	680†	650†	20†	70†
Resided on reservation	Ak-Chin Indian Community	19	14	0	*	*	0	0
	Cocopah Tribe	12	6	0	*	*	0	*
	Colorado River Indian Tribe	43	30	0	6	7	0	*
	Fort McDowell Yavapai Nation Reservation	18	9	0	*	*	0	0
	Fort Mojave Indian Tribe	*	*	0	0	*	0	0
	Gila River Indian Community	67	53	0	6	8	0	*
	Havasupai Tribe	7	6	0	0	*	0	0
	Hopi Tribe	162	126	*	19	14	*	0
	Hualapai Tribe	36	29	0	*	*	*	*
	Navajo Nation	1,359	1,085	54	130	86	7	11
	Pascua Yaqui Tribe	74	58	*	8	6	0	*
	Salt River Pima-Maricopa Indian Community	98	65	*	16	15	0	*
	San Carlos Apache Tribe	281	204	*	37	37	*	9
	Tohono O'Odham Nation	151	118	*	17	14	0	*
	White Mountain Apache Tribe	339	264	*	33	40	*	*
	Yavapai-Apache Nation	11	6	0	*	*	0	0
	Yavapai-Prescott Indian Tribe	*	*	0	*	0	0	0
	TOTAL	2,680†	2,080†	70†	290†	250†	10†	30†
Resided off reservation	---in Maricopa County	1,556	1,089	26	231	210	*	15
	---in Pima County	365	276	7	46	36	0	7
	---in Coconino County	206	159	*	25	18	*	*
	---elsewhere in Arizona	758	529	6	85	137	*	10
		TOTAL	2,885	2,053	40†	387	401	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; ^a 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
ATTENDANT AT BIRTH (2012 STATUS)**

		TOTAL BIRTHS	M.D.	C.N.M	Midwife	D.O.	Other	Un-known
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,569	3,380†	1,530†	10†	620†	20†	0†
Resided on reservation	Ak-Chin Indian Community	20†	15	0	0	*	0	0
	Cocopah Tribe	10†	11	*	0	0	0	0
	Colorado River Indian Tribe	43	25	0	0	18	0	0
	Fort McDowell Yavapai Nation Reservation	18	18	0	0	0	0	0
	Fort Mojave Indian Tribe	10†	*	*	0	*	0	0
	Gila River Indian Community	70†	51	*	0	12	0	0
	Havasupai Tribe	10†	*	*	0	*	0	0
	Hopi Tribe	162	64	90	0	8	0	0
	Hualapai Tribe	36	17	0	0	19	0	0
	Navajo Nation	1,360†	362	900	*	84	8	0
	Pascua Yaqui Tribe	74	51	23	0	0	0	0
	Salt River Pima-Maricopa Indian Community	100†	77	17	0	*	0	0
	San Carlos Apache Tribe	280†	165	*	0	108	6	*
	Tohono O'Odham Nation	150†	149	*	0	0	*	0
	White Mountain Apache Tribe	340†	268	*	0	66	*	0
	Yavapai-Apache Nation	10†	10	*	0	0	0	0
	Yavapai-Prescott Indian Tribe	0†	*	0	0	0	0	0
	TOTAL	2,684	1,290†	1,040†	10†	330†	20†	0†
Resided off reservation	---in Maricopa County	1,560†	1,040	364	0	151	*	0
	---in Pima County	370†	314	42	*	7	*	0
	---in Coconino County	210†	144	38	*	19	*	0
	---elsewhere in Arizona	760†	589	46	*	114	*	*
		TOTAL	2,885	2,087	490	10†	291	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.



Newborn's Health

**4.16
GESTATIONAL AGE (2012 STATUS)**

		TOTAL BIRTHS	Length of gestation			
			<37 weeks	37-41 weeks	42+ weeks	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,569	540†	4,990†	30†	10†
Resided on reservation	Ak-Chin Indian Community	20†	*	14	0	0
	Cocopah Tribe	12	0	12	0	0
	Colorado River Indian Tribe	40†	*	40	0	0
	Fort McDowell Yavapai Nation Reservation	18	6	12	0	0
	Fort Mojave Indian Tribe	10†	0	*	0	0
	Gila River Indian Community	67	14	53	0	0
	Havasupai Tribe	10†	*	6	0	0
	Hopi Tribe	162	20	142	0	0
	Hualapai Tribe	40†	*	32	0	0
	Navajo Nation	1,359	109	1,237	13	0
	Pascua Yaqui Tribe	74	8	66	0	0
	Salt River Pima-Maricopa Indian Community	100†	10	87	*	0
	San Carlos Apache Tribe	280†	46	234	*	0
	Tohono O'Odham Nation	150†	14	136	*	0
	White Mountain Apache Tribe	340†	42	293	*	*
	Yavapai-Apache Nation	10†	*	9	0	0
	Yavapai-Prescott Indian Tribe	0†	0	*	0	0
	TOTAL	2,684	280†	2,380†	20†	0†
Resided off reservation	---in Maricopa County	1,556	138	1,403	11	*
	---in Pima County	365	29	336	0	0
	---in Coconino County	206	24	182	0	0
	---elsewhere in Arizona	760†	63	691	*	*
		TOTAL	2,885	254	2,612	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 (2012 STATUS)

		TOTAL BIRTHS	Weight at birth					Unknown
			<1,000 grams	1,000- 1,499	1,500- 2,499	2,500- 3,999	4000+	
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,569	30†	30†	310†	4,660†	540†	0†
Resided on reservation	Ak-Chin Indian Community	20†	0	0	*	16	*	0
	Cocopah Tribe	10†	0	0	*	9	*	0
	Colorado River Indian Tribe	40†	0	0	*	35	7	0
	Fort McDowell Yavapai Nation Reservation	20†	*	0	*	11	*	0
	Fort Mojave Indian Tribe	10†	0	0	0	*	0	0
	Gila River Indian Community	70†	*	0	*	53	*	0
	Havasupai Tribe	10†	0	0	*	*	*	0
	Hopi Tribe	160†	*	*	16	129	12	*
	Hualapai Tribe	40†	0	0	*	31	*	0
	Navajo Nation	1,360†	*	7	65	1,164	118	*
	Pascua Yaqui Tribe	70†	0	0	*	61	8	0
	Salt River Pima-Maricopa Indian Community	100†	0	*	*	82	12	0
	San Carlos Apache Tribe	280†	*	*	21	229	27	0
	Tohono O'Odham Nation	150†	*	0	*	132	14	0
	White Mountain Apache Tribe	340†	*	*	29	290	14	0
	Yavapai-Apache Nation	10†	0	0	*	7	*	0
Yavapai-Prescott Indian Tribe	0†	0	0	0	*	0	0	
	TOTAL	2,684	20†	20†	160†	2,260†	230†	0†
Resided off reservation	---in Maricopa County	1,560†	8	*	86	1,288	169	0
	---in Pima County	370†	*	*	12	304	43	0
	---in Coconino County	210†	*	*	13	173	16	0
	---elsewhere in Arizona	760†	*	*	38	637	76	0
		TOTAL	2,885	20†	10†	149	2,402	304

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 (2012 STATUS)

		TOTAL BIRTHS	Births with abnormal conditions of the newborn	Abnormal conditions ^a								
				Anemia	Birth injury	Fetal Alcohol Syndrome	Membrane disease	Meconium aspiration	Assisted vent. <30 min	Assisted vent. >30 min.	Newborn seizures	Other
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,569	509	0†	0†	0†	10†	10†	40†	10†	0†	460†
Resided on reservation	Ak-Chin Indian Community	19	7	0	0	0	0	0	0	0	0	7
	Cocopah Tribe	12	0	0	0	0	0	0	0	0	0	0
	Colorado River Indian Tribe	43	12	0	0	0	0	0	10	0	0	*
	Fort McDowell Yavapai Nation Reservation	18	*	0	0	0	*	0	0	0	0	0
	Fort Mojave Indian Tribe	*	0	0	0	0	0	0	0	0	0	0
	Gila River Indian Community	67	19	0	0	0	*	*	0	0	0	18
	Havasupai Tribe	7	0	0	0	0	0	0	0	0	0	0
	Hopi Tribe	162	7	0	0	0	*	0	0	0	0	6
	Hualapai Tribe	36	0	0	0	0	0	0	0	0	0	0
	Navajo Nation	1,359	20	0	*	0	*	*	6	*	0	13
	Pascua Yaqui Tribe	74	*	0	0	0	0	0	0	0	0	*
	Salt River Pima-Maricopa Indian Community	98	7	0	0	0	0	0	*	*	0	*
	San Carlos Apache Tribe	281	27	0	0	0	0	0	*	*	0	25
	Tohono O'Odham Nation	151	*	0	0	0	0	0	*	0	0	*
	White Mountain Apache Tribe	339	67	0	0	*	0	*	*	*	0	63
	Yavapai-Apache Nation	11	0	0	0	0	0	0	0	0	0	0
Yavapai-Prescott Indian Tribe	*	0	0	0	0	0	0	0	0	0	0	
TOTAL		2,684	170†	0	0†	0†	0†	0†	20†	10†	0	150†
Resided off reservation	---in Maricopa County	1,556	135	0	0	0	*	*	*	*	0	129
	---in Pima County	365	23	0	0	0	0	0	*	0	0	23
	---in Coconino County	206	*	*	0	0	0	0	0	0	0	*
	---elsewhere in Arizona	758	174	0	0	0	*	*	10	6	*	163
	TOTAL		2,885	340†	0†	0	0	0†	10†	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; ^a 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 (2012 STATUS)

	TOTAL BIRTHS	Births with congenital anomalies	Congenital anomalies ^a															
			Anencephalus	Spina Bifida/meningocele	Hydrocephalus	Microcephalus	Other CNS Anomaly	Heart Malformations	Other Respiratory/Circulatory	Omphalocele/gastroschisis	Other Gastrointestinal	Renal Agenesis	Other Urogenital	Cleft Lip/Palate	Polydactyly/syndactyly/adactyly	Club Foot	Down s Syndrome	Other congenital anomalies
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA	5,569	52	0†	0†	0†	0	0†	0†	10†	0†	0†	0†	0†	10†	0†	0†	0†	20†
Resided on reservation																		
Ak-Chin Indian Community	19	*	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
Cocopah Tribe	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Colorado River Indian Tribe	43	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
Fort McDowell Yavapai Nation Reservation	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Mojave Indian Tribe	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gila River Indian Community	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Havasupai Tribe	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hopi Tribe	162	*	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	*
Hualapai Tribe	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Navajo Nation	1,359	15	0	0	0	0	0	0	*	*	*	*	*	*	0	0	*	7
Pascua Yaqui Tribe	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salt River Pima-Maricopa Indian Community	98	*	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	*
San Carlos Apache Tribe	281	*	0	0	0	0	0	*	0	0	0	0	0	*	*	*	0	*
Tohono O'Odham Nation	151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White Mountain Apache Tribe	339	12	0	*	*	0	*	0	*	0	0	0	0	*	0	*	0	*
Yavapai-Apache Nation	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yavapai-Prescott Indian Tribe	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2,680†	40†	0	0†	0†	0	0†	0†	0†	0†	0†	0†	0†	10†	0†	0†	0†	20†
Resided off reservation																		
---in Maricopa County	1,556	6	*	0	0	0	*	0	*	0	0	0	0	*	0	0	0	0
---in Pima County	365	*	*	0	0	0	0	*	*	0	0	0	0	0	0	0	0	*
---in Coconino County	206	*	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
---elsewhere in Arizona	758	6	0	0	0	0	0	0	*	0	0	0	0	*	0	*	*	*
TOTAL	2,885	20†	0†	0	0	0	0†	0†	10†	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; ^a 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, 2012

	TOTAL STATE	Resided on reservation											Resided off reservation					
		Cocopah Tribe	Colorado River Indian Tribe	Fort McDowell Yavapai Nation Reservation	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
Total, all causes	41	0†	0†	0†	0†	0†	10†	0†	1	0†	10†	0	20†	10†	0†	0†	10†	20†
Certain conditions originating in the perinatal period	10†	0	0	*	*	0	*	0	0	0	*	0	10†	*	0	*	*	0†
Maternal complications	0†	0	0	0	0	0	0	0	0	0	0	0	0	*	0	*	*	0†
Complications of placenta, cord and membrane	0†	0	0	*	*	0	0	0	0	0	*	0	0†	0	0	0	0	0
Short gestation and low birth weight	0†	0	0	0	0	0	*	0	0	0	0	0	0†	0	0	0	0	0
Bacterial sepsis of newborn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Congenital malformations	12	*	*	0	*	*	*	0	0	0	*	0	10†	*	*	0	*	10†
of circulatory system	0†	0	*	0	0	0	0	0	0	0	0	0	0†	*	0	0	0	0†
of brain, spinal cord or nervous system	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0†
other malformation	10†	*	0	0	*	*	*	0	0	0	*	0	10†	*	*	0	*	0†
Sudden infant death syndrome	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0†
Accidents (unintentional injury)	0†	0	0	0	0	0	*	0	0	0	0	0	0†	*	0	0	*	0†
Influenza and pneumonia	0†	0	0	0	0	0	0	0	0	0	*	0	0†	0	0	0	0	0
Diseases of the digestive system	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Infectious and parasitic diseases	0†	0	0	0	0	0	0	*	0	*	0	0	0†	0	0	0	0	0
Diseases of the nervous system	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Choked on food	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mechanical suffocation	0†	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0†
Drug poisoning, undetermined intent	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.

4.21
COMPARISON OF SELECTED CHARACTERISTICS^a OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2012

		Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	
Total births		5,569	740†	10†	610†	190†	110†	0†	70†	1,720†	70†	950†	589	401	0	50†	50†	
Mother's age group	<15	10†	*	0	*	0	0	0	0	*	0	*	0	0	0	0	0	
	15-17	250†	32	0	27	11	8	0	*	74	*	41	23	21	0	*	6	
	18-19	630†	80	0	72	25	15	0	*	199	*	112	69	41	0	6	6	
	20-24	1,840†	212	*	178	74	41	0	18	580	35	320	195	146	0	24	16	
	25-29	1,430†	205	*	189	42	26	*	23	412	14	213	174	109	0	10	10	
	30-34	870†	120	*	80	29	13	0	13	290	13	162	83	54	0	6	8	
	35-39	430†	75	*	49	11	9	0	*	134	6	78	37	24	0	*	*	
	40-44	90†	16	0	13	*	0	0	*	27	0	21	8	6	0	0	0	
	45+	10†	*	0	*	0	*	0	0	*	0	0	0	0	0	0	0	*
	Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Payee for births	AHCCCS	3,460†	409	*	283	74	28	*	27	1,138	53	710	415	258	0	32	30	
	IHS	1,350†	310	*	281	106	73	0	34	174	*	188	94	77	0	*	*	
	Private insurance	690†	17	*	42	13	11	0	*	381	13	42	75	63	0	15	16	
	Self	40†	*	0	*	0	0	0	*	23	*	6	*	*	0	*	*	
	Unknown	20†	*	0	*	0	*	0	0	*	0	*	*	*	0	0	0	
Mother's education	< 8	40†	*	0	*	0	0	0	0	22	*	*	*	*	0	0	0	
	8	100†	7	0	*	*	*	0	0	48	*	12	9	16	0	0	*	
	9-11	1,346	118	0	108	78	30	0	18	363	24	223	195	164	0	13	12	
	12	2,300†	308	*	315	80	63	*	34	616	33	428	225	137	0	25	26	
	13-16	1,640†	291	*	169	30	18	*	10	605	14	271	144	67	0	13	7	
	17+	130†	15	*	13	*	*	0	*	54	0	12	11	11	0	*	*	
	Unknown	20†	0	0	0	0	0	0	*	13	0	*	0	*	0	0	0	
Marital status	Married	1,130†	134	*	126	38	27	0	8	386	16	197	99	79	0	9	10	
	Unmarried	4,370†	596	*	476	154	85	*	57	1,310	56	744	485	318	0	44	38	
	Other^b	70†	13	0	8	*	*	0	0	25	*	8	*	*	0	0	*	
Weight gain	None	150†	17	0	15	*	*	0	0	49	0	20	35	*	0	0	*	
	1-15 pounds	1,080†	201	0	145	29	19	0	28	238	22	207	139	44	0	*	8	
	16-20 pounds	770†	101	*	72	33	18	*	7	232	8	148	76	58	0	*	*	
	21-24 pounds	430†	73	0	49	8	*	0	*	132	*	85	48	20	0	*	*	
	25-30 pounds	1,190†	128	*	139	53	25	0	*	385	19	170	117	105	0	25	18	
	31+ pounds	1,830†	220	*	180	60	44	*	18	653	18	278	166	160	0	15	13	
	Unknown	120†	*	0	10	7	*	0	6	32	*	41	8	9	0	0	0	
Substance use	Drinker, nonsmoker	50†	*	0	*	*	*	0	*	13	*	15	*	*	0	0	*	
	Smoker, nondrinker	100†	6	0	*	*	*	0	*	36	*	14	11	10	0	*	*	
	Smoker and drinker	30†	*	*	*	*	0	0	*	9	0	9	*	*	0	0	0	
	Nonsmoker and nondrinker	5,390†	733	7	603	181	110	*	60	1,663	67	911	573	384	0	51	43	

4.21 (continued)
COMPARISON OF SELECTED CHARACTERISTICS* OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2012

		Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Length of gestation	<37 weeks	540†	59	0	60	27	23	0	*	163	8	94	51	37	0	*	7
	37-41 weeks	4,990†	681	8	541	165	90	*	60	1,542	64	848	537	363	0	49	42
	42+ weeks	30†	*	0	9	*	0	0	0	12	0	*	*	*	0	0	0
	Unknown	10†	0	0	0	0	0	0	0	*	*	*	0	0	0	0	0
Weight at birth	<1,000 grams	30†	*	0	*	0	*	0	0	11	0	6	*	*	0	0	*
	1,000-1,499	30†	*	0	7	0	*	0	0	6	*	*	*	*	0	0	*
	1,500-2,499	310†	32	0	37	14	9	0	*	93	6	70	21	16	0	*	6
	2,500-3,999	4,660†	634	8	505	159	92	*	53	1,421	61	814	497	331	0	47	35
	4000+	540†	71	0	57	20	8	0	9	190	*	55	64	48	0	*	6
	Unknown	0†	*	0	*	0	0	0	0	0	0	0	0	0	0	0	0
Prenatal care	No care	110†	12	0	6	10	*	0	*	33	*	20	11	8	0	0	*
	1st trimester	3,800†	509	6	438	106	62	*	43	1,219	59	597	369	312	0	43	33
	2nd trimester	1,240†	166	*	121	56	32	0	10	350	10	253	163	62	0	9	10
	3rd trimester	390†	53	0	43	18	13	0	*	114	*	76	46	18	0	*	*
	Unknown	20†	*	0	*	*	*	0	*	*	*	*	0	*	0	0	0
Prenatal visits	No visits	110†	12	0	6	10	*	0	*	33	*	20	11	8	0	0	*
	1-4 visits	510†	49	*	49	29	31	0	6	142	6	73	92	20	0	*	6
	5-8 visits	1,360†	187	*	116	60	38	0	15	391	15	304	157	58	0	7	10
	9-12 visits	2,410†	323	*	265	65	26	*	17	795	29	387	221	228	0	29	23
	13+ visits	1,150†	169	*	172	24	12	0	20	355	20	161	107	86	0	15	8
	Unknown	30†	*	0	*	*	*	0	*	*	*	*	*	*	0	0	0
Newborn intensive care	Yes	240†	20	0	19	11	7	0	*	87	*	36	28	12	0	*	10
	No	5,330†	723	8	591	182	106	*	63	1,634	70	913	561	389	0	52	39
	Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Obstetric procedures	Amniocentesis	20†	*	0	*	0	0	0	0	7	0	*	*	*	0	0	*
	Electronic Fetal Monitoring	5,180†	684	*	580	172	92	*	63	1,666	72	796	563	386	0	50	49
	Induction of labor	980†	137	0	123	36	14	*	7	253	19	152	130	89	0	12	8
	Stimulation of labor	880†	119	*	144	23	17	0	*	304	16	180	22	37	0	*	12
	Tocolysis	30†	*	0	*	*	*	0	*	7	0	*	0	*	0	0	0
	Ultrasound	3,760†	349	8	351	31	70	*	40	1,315	28	557	549	356	0	50	49
	Other	570†	65	0	*	*	52	*	*	100	*	36	185	113	0	*	0
Method of delivery	Vaginal	4,130†	599	6	474	140	80	*	46	1,205	51	733	452	271	0	42	30
	Vaginal after C-Section	110†	37	0	13	*	0	0	0	28	0	16	11	*	0	0	0
	Primary C-Section	680†	61	*	72	26	14	0	7	255	10	99	70	45	0	7	9
	Repeat C-Section	650†	43	*	51	24	19	*	12	233	12	99	56	82	0	*	10
	Forceps	20†	*	0	*	0	*	0	0	*	*	7	0	0	0	*	0
	Vacuum	70†	6	*	*	*	*	0	*	17	*	12	9	*	0	0	*

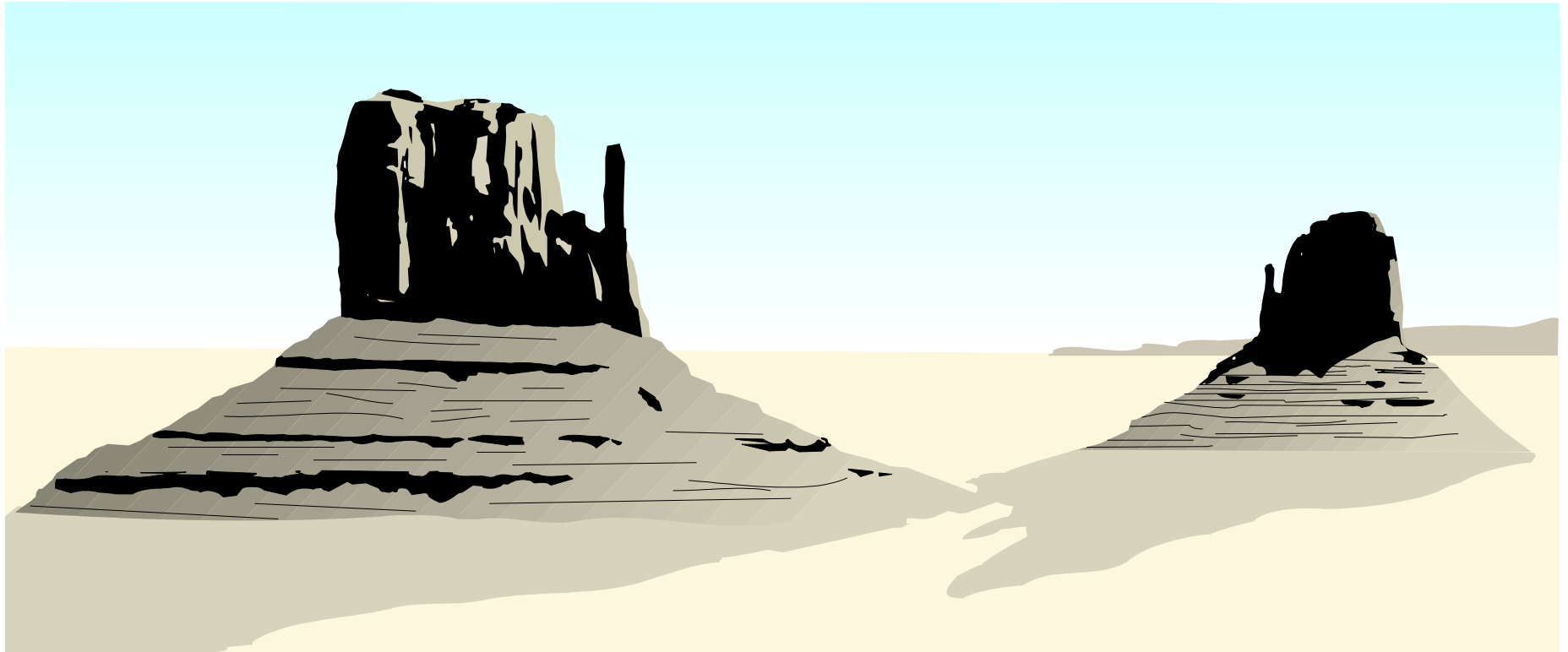
4.21 (continued)
COMPARISON OF SELECTED CHARACTERISTICS* OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2012

		Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Births with medical risk factors	Total	2,730†	356	*	211	92	64	0	27	896	10	422	428	183	0	16	22
	Anemia	450†	53	0	38	13	8	0	*	181	0	49	70	35	0	0	*
	Cardiac disease	10†	*	0	0	0	0	0	0	*	0	0	0	*	0	0	0
	Lung disease	100†	*	0	*	*	0	0	0	52	0	*	*	34	0	0	0
	Diabetes	550†	61	0	78	12	17	0	*	201	*	72	52	47	0	*	8
	Genital herpes	50†	*	0	*	*	0	0	0	17	0	*	10	8	0	0	*
	Hydramnios	80†	13	0	9	*	*	0	0	25	0	*	18	9	0	*	*
	Hemoglobinopathy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Chronic hypertension	80†	8	0	9	*	*	0	*	27	0	11	10	*	0	*	*
	Pregnancy associated hypertension	360†	51	*	56	19	8	0	*	100	0	63	34	19	0	*	*
	Eclampsia	90†	11	0	15	0	*	0	*	19	0	16	21	*	0	*	*
	Previous infant 4000+g	50†	13	0	7	*	0	0	0	13	0	10	*	*	0	0	0
	Previous SGA infant	50†	10	0	*	*	0	0	*	12	0	11	*	*	0	0	*
	Renal disease	0†	*	0	0	0	0	0	0	*	0	0	0	0	0	0	*
	RH sensitization	10†	0	0	0	0	0	0	*	0	0	*	0	*	0	0	0
Uterine bleeding	20†	*	0	0	*	*	0	0	8	0	*	*	*	0	0	0	
Incompetent cervix	10†	*	0	0	*	0	0	0	*	0	0	0	*	0	0	*	
Other	1,880†	230	*	93	60	54	0	26	619	9	290	379	86	0	14	15	
Abnormal conditions of the newborn	Total	510†	15	0	10	10	17	0	19	153	*	92	30	150	0	0	10
	Anemia	0†	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0
	Birth injury	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0
	Fetal Alcohol Syndrome	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0
	Membrane disease	10†	0	0	0	0	0	0	0	*	0	*	0	0	0	0	*
	Meconium aspiration	10†	*	0	0	0	0	0	0	*	*	*	0	*	0	0	*
	Assisted vent.<30 min	40†	*	0	*	*	0	0	17	*	*	6	*	0	0	0	0
	Assisted vent.>30 min.	10†	*	0	0	*	0	0	0	*	0	*	0	0	0	0	*
	Newborn seizures	0†	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0
Other	460†	10	0	9	8	17	0	6	144	*	83	29	147	0	0	9	
Births with congenital anomalies	Total	50†	10	0	*	*	*	0	*	8	0	19	*	*	0	0	*
	Anencephalus	0†	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0
	Spina bifida/meningocele	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0
	Hydrocephalus	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0
	Microcephalus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other CNS anomaly	0†	0	0	0	0	0	0	0	*	0	*	0	0	0	0	0
	Heart malformations	0†	0	0	0	*	0	0	0	0	0	0	*	0	0	0	0
	Other respiratory/circulatory	10†	*	0	0	0	0	0	0	*	0	*	*	0	0	0	0
Rectal atresia/stenosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

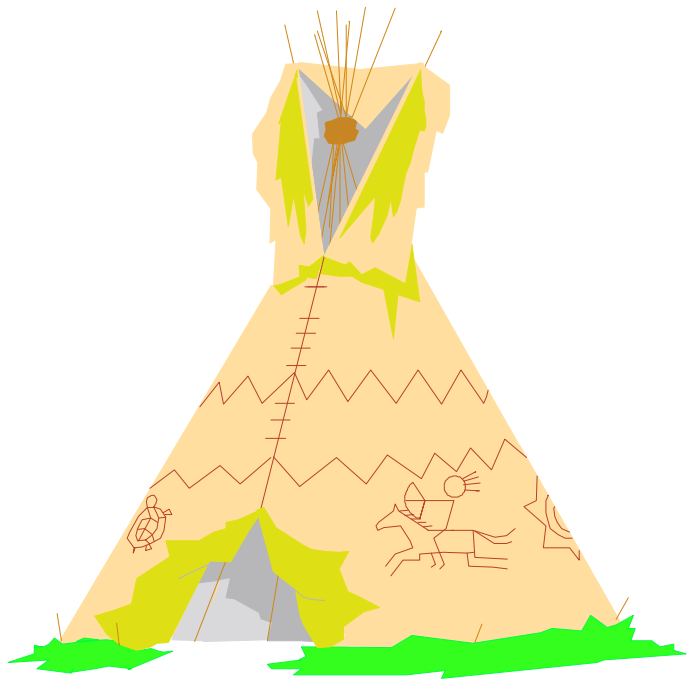
4.21 (continued)
COMPARISON OF SELECTED CHARACTERISTICS^a OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2012

	Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	
Tracheo-esophageal fistula/esophageal atresia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Omphalocele/gastroschisis	0†	0	0	*	0	0	0	0	0	0	*	0	0	0	0	0	
Other gastrointestinal	0†	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	
Malformed genitalia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Renal agenesis	0†	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	
Other urogenital	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	
Cleft lip/palate	10†	*	0	*	*	0	0	0	*	0	*	0	*	0	0	*	
Polydactyly/syndactyly/adactyly	0†	0	0	0	0	*	0	0	0	0	*	0	0	0	0	0	
Club foot	0†	0	0	0	0	*	0	0	0	0	*	0	0	0	0	0	
Diaphragmatic hernia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other musculoskeletal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Down's syndrome	0†	*	0	0	0	0	0	0	0	0	0	0	*	0	0	0	
Other chromosomal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other	20†	*	0	*	*	*	0	*	*	0	6	*	0	0	0	0	
Births with complications	Total	1,850†	251	*	170	80	61	*	11	527	10	354	229	122	0	8	25
	Febrile	110†	11	0	11	*	*	0	0	54	0	10	*	13	0	0	*
	Meconium	270†	32	0	14	13	*	0	*	84	*	38	59	21	0	0	8
	Rupture of membrane	150†	37	0	32	*	*	0	*	40	0	17	9	*	0	*	*
	Abruptio placenta	40†	8	0	*	*	*	0	0	8	*	6	*	*	0	0	*
	Placenta previa	20†	*	0	*	0	0	0	0	0	0	*	*	*	0	0	0
	Other bleeding	70†	20	0	12	*	0	0	0	10	0	17	*	0	0	0	*
	Seizures	0†	*	0	0	0	0	0	0	0	0	*	0	0	0	0	0
	Precipitous labor	100†	25	0	11	15	6	0	*	18	0	14	*	6	0	*	0
	Prolonged labor	60†	12	0	9	*	*	0	0	21	0	*	*	*	0	0	0
	Dysfunctional labor	150†	28	0	30	0	*	0	0	45	0	24	18	*	0	*	*
	Breech malpresentation	160†	19	*	23	7	7	0	*	48	*	22	15	6	0	*	*
	Cephalopelvic disproportion.	20†	*	0	7	*	0	0	0	*	0	*	0	0	0	0	0
	Cord prolapse	10†	*	0	0	0	0	0	0	*	0	*	0	*	0	0	0
	Anesthetic complications	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
	Fetal distress	280†	14	0	16	13	6	0	0	143	0	21	17	45	0	*	*
	Other	960†	114	0	39	43	47	*	6	238	8	239	144	56	0	*	19
Infant mortality^c	Total	40†	0†	0†	0†	0†	0	0	0†	10†	0†	10†	0†	0†	0	0	0†
	Neonatal	20†	*	0	*	0	0	0	0	*	*	7	*	*	0	0	*
	Postneonatal	20†	*	*	0	*	0	0	*	8	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 Obstetric procedures, method of delivery, births with medical risk factors, abnormal conditions of the newborn, births with congenital anomalies, and births with complications may not sum to their respective totals as each birth may be associated with multiple occurrences of each of these indicators; ^b 'Refused', 'Yes, divorced', 'Unknown'; ^c Total infant mortality includes unknown county of residence.



V.
**PATTERNS OF MORTALITY AMONG AMERICAN INDIANS
BY PLACE OF RESIDENCE IN ARIZONA
IN 2012**



AGE-SPECIFIC MORTALITY

5.1
AGE-SPECIFIC MORTALITY AMONG AMERICAN INDIANS IN 2012

		TOTAL	Age group											
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		1,806	40†	20†	30†	90†	160†	170†	260†	280†	260†	280†	210†	
Resided on reservation	Ak-Chin Indian Community	0†	0	0	0	0	0	0	0	*	0	0	*	
	Cocopah Tribe	0†	*	0	0	0	*	*	0	0	*	0	0	
	Colorado River Indian Tribe	30†	*	0	*	*	*	7	*	*	*	*	*	
	Fort McDowell Yavapai Nation Reservation	10†	*	0	0	0	0	0	*	*	*	0	0	
	Fort Mojave Indian Tribe	0†	0	*	0	0	0	0	0	0	0	*	0	
	Gila River Indian Community	30†	0	*	0	*	*	*	*	*	*	6	*	*
	Havasupai Tribe	10†	0	0	0	0	*	0	0	*	*	*	*	
	Hopi Tribe	80†	*	0	0	*	*	11	6	9	9	19	15	
	Hualapai Tribe	20†	*	0	0	*	*	*	*	*	0	*	*	
	Navajo Nation	540†	*	*	10	30	53	61	65	50	71	100	92	
	Pascua Yaqui Tribe	30†	0	0	0	*	*	*	6	6	7	*	*	
	Salt River Pima-Maricopa Indian Community	50†	*	0	0	*	*	7	14	11	6	*	*	
	San Carlos Apache Tribe	80†	*	*	*	*	6	6	9	16	23	10	*	
	Tohono O'Odham Nation	90†	*	*	0	*	*	6	13	23	16	14	10	
	White Mountain Apache Tribe	138	9	0	0	14	17	14	16	17	17	25	9	
	Yavapai-Apache Nation	0†	0	0	0	0	*	0	0	*	0	0	*	
	Yavapai-Prescott Indian Tribe	0†	0	0	0	0	0	0	0	0	0	*	0	
TOTAL	1,100†	20†	10†	20†	60†	100†	120†	140†	150†	160†	180†	140†		
Resided off reservation	---in Maricopa County	260†	9	*	6	15	22	19	48	46	33	33	21	
	---in Pima County	100†	*	*	0	*	7	*	21	23	15	16	11	
	---in Coconino County	70†	*	*	0	*	*	6	9	12	8	11	8	
	---elsewhere in Arizona	280†	*	*	*	13	21	21	47	51	47	38	30	
	TOTAL	706	20†	10†	10†	40†	60†	50†	125	132	103	98	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.

5.2
AGE-SPECIFIC MORTALITY AMONG AMERICAN INDIAN MALES IN 2012

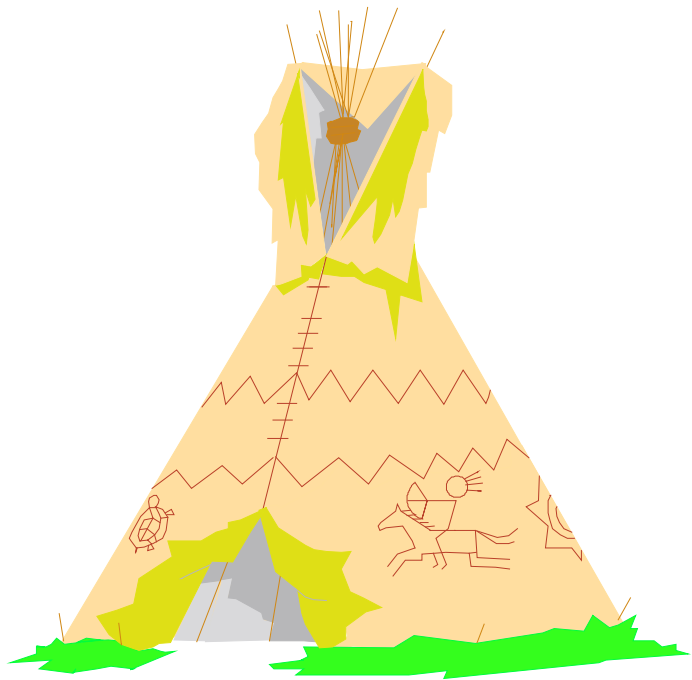
		TOTAL	Age group										
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		993	20†	10†	20†	70†	100†	110†	160†	160†	140†	140†	70†
Resided on reservation	Ak-Chin Indian Community	0†	0	0	0	0	0	0	0	*	0	0	*
	Cocopah Tribe	0†	*	0	0	0	*	*	0	0	*	0	0
	Colorado River Indian Tribe	20†	*	0	*	*	0	*	*	*	*	*	*
	Fort McDowell Yavapai Nation Reservation	0†	*	0	0	0	0	0	0	*	0	0	0
	Fort Mojave Indian Tribe	0	0	0	0	0	0	0	0	0	0	0	0
	Gila River Indian Community	20†	0	*	0	*	*	*	*	*	*	*	*
	Havasupai Tribe	0†	0	0	0	0	*	0	0	0	*	*	0
	Hopi Tribe	50†	*	0	0	*	*	11	6	*	*	12	*
	Hualapai Tribe	10†	*	0	0	*	*	0	*	*	0	0	*
	Navajo Nation	330†	*	*	6	27	37	38	43	37	37	59	39
	Pascua Yaqui Tribe	10†	0	0	0	0	0	*	*	*	*	*	*
	Salt River Pima-Maricopa Indian Community	20†	*	0	0	0	*	*	9	*	*	0	0
	San Carlos Apache Tribe	50†	*	*	*	*	*	*	7	10	13	*	*
	Tohono O'Odham Nation	50†	*	*	0	*	*	*	6	12	7	8	*
	White Mountain Apache Tribe	70†	*	0	0	12	8	9	13	6	9	9	*
	Yavapai-Apache Nation	0†	0	0	0	0	*	0	0	0	0	0	0
	Yavapai-Prescott Indian Tribe	0†	0	0	0	0	0	0	0	0	0	*	0
TOTAL		630†	20†	10†	10†	50†	60†	80†	90†	80†	80†	100†	60†
Resided off reservation	---in Maricopa County	140†	*	*	*	8	13	14	28	28	16	18	*
	---in Pima County	40†	0	*	0	*	*	*	7	12	*	*	*
	---in Coconino County	30†	0	0	0	*	*	*	6	8	*	*	*
	---elsewhere in Arizona	150†	*	*	*	11	14	9	28	29	29	16	9
	TOTAL		360†	10†	0†	0†	20†	40†	30†	69	77	60†	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.

5.3
AGE-SPECIFIC MORTALITY AMONG AMERICAN INDIAN FEMALES IN 2012

		TOTAL	Age group										
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		812	20†	10†	10†	20†	60†	60†	100†	120†	130†	140†	140†
Resided on reservation	Ak-Chin Indian Community	0	0	0	0	0	0	0	0	0	0	0	0
	Cocopah Tribe	0	0	0	0	0	0	0	0	0	0	0	0
	Colorado River Indian Tribe	10†	0	0	0	0	*	*	*	0	0	0	*
	Fort McDowell Yavapai Nation Reservation	0†	0	0	0	0	0	0	*	0	*	0	0
	Fort Mojave Indian Tribe	0†	0	*	0	0	0	0	0	0	0	*	0
	Gila River Indian Community	10†	0	0	0	*	*	*	0	*	*	*	0
	Havasupai Tribe	0†	0	0	0	0	0	0	0	*	0	0	*
	Hopi Tribe	30†	*	0	0	0	*	0	0	7	*	7	10
	Hualapai Tribe	10†	0	0	0	0	*	*	*	*	0	*	*
	Navajo Nation	210†	*	0	*	*	16	23	22	13	34	41	53
	Pascua Yaqui Tribe	20†	0	0	0	*	*	*	*	*	6	*	0
	Salt River Pima-Maricopa Indian Community	30†	0	0	0	*	*	*	*	7	*	*	*
	San Carlos Apache Tribe	30†	0	*	*	*	*	*	*	6	10	*	*
	Tohono O'Odham Nation	40†	0	0	0	*	*	*	7	11	9	6	*
	White Mountain Apache Tribe	70†	*	0	0	*	9	*	*	11	8	16	8
	Yavapai-Apache Nation	0†	0	0	0	0	0	0	0	*	0	0	*
	Yavapai-Prescott Indian Tribe	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	470†	10†	0†	10†	10†	40†	40†	50†	70†	80†	90†	90†	
Resided off reservation	---in Maricopa County	120†	*	*	*	7	9	*	20	18	17	15	16
	---in Pima County	60†	*	0	0	0	*	*	14	11	10	13	10
	---in Coconino County	30†	*	*	0	*	*	*	*	*	*	7	6
	---elsewhere in Arizona	130†	*	*	*	*	7	12	19	22	18	22	21
	TOTAL	345	10†	10†	10†	10†	20†	20†	60†	60†	50†	57	53

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, 2012

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Total, all causes	1,806	993	812
Salmonella infections	0	0	0
Shigellosis and amebiasis	0	0	0
Certain other intestinal infections	10†	*	6
Enterocolitis due to Clostridium difficile	10†	*	*
Tuberculosis	0	0	0
Respiratory tuberculosis	0	0	0
Other tuberculosis	0	0	0
Whooping cough	0	0	0
Scarlet fever and erysipelas	0	0	0
Meningococcal infection	0	0	0
Septicemia	30	10	20
Syphilis	0	0	0
Acute poliomyelitis	0	0	0
Arthropod-borne encephalitis	0	0	0
Measles	0	0	0
Viral hepatitis	10†	*	6
Human immunodeficiency virus (HIV) disease	6	6	0
Malaria	0	0	0
Other and unspecified infectious and parasitic diseases	10†	*	*
Malignant neoplasms	208	104	104
Malignant neoplasm of lip, oral cavity and pharynx	0†	*	*
Malignant neoplasm of esophagus	0†	*	*
Malignant neoplasm of stomach	21	15	6
Malignant neoplasm of colon, rectum and anus	16	9	7
Malignant neoplasm of liver and intrahepatic bile ducts	23	14	9
Malignant neoplasm of pancreas	15	9	6
Malignant neoplasm of larynx	0	0	0
Malignant neoplasm of trachea, bronchus and lung	17	7	10
Malignant melanoma of skin	0	0	0
Malignant neoplasm of breast	10	0	10
Malignant neoplasm of cervix uteri	0†	0	*
Malignant neoplasm of corpus uteri and uterus, part unspecified	6	0	6
Malignant neoplasm of ovary	7	0	7
Malignant neoplasm of prostate	9	9	0
Malignant neoplasm of kidney and renal pelvis	10†	6	*
Malignant neoplasm of bladder	0†	*	0

5.4 (continued)
DEATHS BY GENDER FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2012

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Malignant neoplasm of meninges, brain and other parts of CNS	6	6	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	21	8	13
Hodgkin's disease	0	0	0
Non-Hodgkin's lymphoma	10†	*	*
Leukemia	0†	*	*
Multiple myeloma and immunoproliferative neoplasms	10†	*	6
Other and unspecified malignant neoplasms of lymphoid tissue	0	0	0
All other and unspecified malignant neoplasm	39	18	21
In situ neoplasms	0†	*	*
Anemias	0†	*	*
Diabetes	163	83	80
Nutritional deficiencies	10†	*	*
Malnutrition	10†	*	*
Other nutritional deficiencies	0	0	0
Obesity	10†	*	6
Meningitis	0	0	0
Parkinson's disease	10†	*	*
Alzheimer's disease	20†	*	13
Major cardiovascular diseases	309	165	144
Diseases of heart	223	126	97
Acute rheumatic fever and chronic rheumatic heart disease	0	0	0
Hypertensive heart disease	20†	13	*
Hypertensive heart and renal disease	0†	*	*
Ischemic heart disease	143	84	59
Acute myocardial infarction	35	19	16
Other acute ischemic heart disease	0	0	0
Other forms of chronic ischemic heart disease	108	65	43
Atherosclerotic cardiovascular disease	37	25	12
All other forms of chronic ischemic heart disease	71	40	31
Other heart diseases	60	28	32
Acute and subacute endocarditis	0†	*	*
Diseases of pericardium and acute myocarditis	0†	0	*
Heart failure	14	8	6
All other forms of heart disease	43	19	24
Essential (primary) hypertension and hypertensive renal disease	28	12	16
Cerebrovascular diseases	52	26	26

5.4 (continued)
DEATHS BY GENDER FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2012

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Atherosclerosis	0†	0	*
Other diseases of circulatory system	10†	*	*
Aortic aneurysm and dissection	0†	*	0
Other disease of arteries, arterioles and capillaries	0†	0	*
Other disorders of circulatory system	0†	*	*
Influenza and pneumonia	51	23	28
Influenza	0†	*	0
Pneumonia	49	21	28
Other acute lower respiratory infections	0†	*	0
Acute bronchiolitis	0†	*	0
Unspecified acute lower respiratory infection	0	0	0
Chronic lower respiratory diseases	30	18	12
Bronchitis, chronic and unspecified	0	0	0
Emphysema	0†	*	*
Asthma	0†	*	*
Other chronic lower respiratory diseases	25	15	10
Pneumoconioses and chemical effects	0	0	0
Pneumonitis due to solids and liquids	14	6	8
Other disease of respiratory system	25	10	15
Peptic ulcer	0†	*	0
Diseases of appendix	0	0	0
Hernia	0†	0	*
Chronic liver disease and cirrhosis	148	75	73
Alcoholic liver disease	124	67	57
Other chronic liver disease and cirrhosis	24	8	16
Cholelithiasis and other disorders of gallbladder	0†	*	*
Nephritis, nephrotic syndrome and nephrosis	26	11	15
Acute and rapidly progressive nephritic and nephrotic syndrome	0	0	0
Chronic glomerulonephritis	0†	0	*
Renal failure	22	11	11
Others disorders of kidney	0	0	0
Infections of kidney	0†	*	*
Hyperplasia of prostate	0†	*	0
Inflammatory diseases of female pelvic organs	0	0	0
Pregnancy, childbirth and the puerperium	6	0	6

5.4 (continued)
DEATHS BY GENDER FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2012

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	6	0	6
Perinatal conditions	10†	*	8
Congenital anomalies, deformations and chromosomal abnormalities	20	11	9
Symptoms, signs, abnormal findings	91	54	36
Total accidents	258	179	79
Transport accidents	122	86	36
Motor vehicle accidents	115	80	35
Other land transport accidents	0†	*	0
Water, air, space	0†	*	*
Nontransport accidents	136	93	43
Falls	27	18	9
Accidental discharge of firearms	0†	*	0
Accidental drowning and submersion	10†	8	*
Accidental exposure to smoke, fire and flames	10†	*	*
Accidental poisoning	68	45	23
Excessive natural heat	10†	*	*
Excessive natural cold	10†	*	0
Other and unspecified nontransport accidents	25	16	9
Intentional self-harm (suicide)	60	46	14
By discharge of firearms	20†	18	*
By other means	41	28	13
Assault (homicide)	54	39	15
By discharge of firearms	20†	12	*
By other means	38	27	11
Legal intervention	0†	*	0
Events of undetermined intent	20†	12	*
Discharge of firearms	0†	*	0
Other and unspecified events of undetermined intent	10†	9	*
Operations of war	0	0	0
Complications of medical and surgical care	0†	*	*
INJURY BY FIREARMS	40†	35	*
DRUG-INDUCED DEATHS	38	17	21
ALCOHOL-INDUCED DEATHS	203	136	67

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, 2012

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+
Total, all causes	1,806	41	17	27	92	157	171	263	281	263	282	212
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
Certain other intestinal infections	10†	*	0	0	0	0	*	*	*	0	*	*
Enterocolitis due to Clostridium difficile	10†	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
Whooping cough	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
Meningococcal infection	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia	30†	*	*	0	*	0	*	*	*	*	8	*
Syphilis	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
Arthropod-borne encephalitis	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
Viral hepatitis	10†	0	0	0	0	0	*	*	*	0	*	0
Human immunodeficiency virus (HIV) disease	10†	0	0	0	*	*	*	*	0	0	0	0
Malaria	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
Malignant neoplasms	210†	0	*	*	*	8	8	19	54	59	38	17
Malignant neoplasm of lip, oral cavity and pharynx	0†	0	0	0	0	0	0	*	*	0	0	0
Malignant neoplasm of esophagus	0†	0	0	0	0	0	0	0	*	0	*	0
Malignant neoplasm of stomach	20†	0	0	0	*	0	0	*	*	6	*	*
Malignant neoplasm of colon, rectum and anus	20†	0	0	0	0	0	*	*	6	*	*	0
Malignant neoplasm of liver and intrahepatic bile ducts	20†	0	*	0	0	0	0	*	8	9	*	*
Malignant neoplasm of pancreas	20†	0	0	0	0	0	0	*	7	*	*	*
Malignant neoplasm of larynx	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of trachea, bronchus and lung	20†	0	0	0	0	0	0	*	*	*	*	*
Malignant melanoma of skin	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of breast	10†	0	0	0	0	0	*	0	*	*	*	*
Malignant neoplasm of cervix uteri	0†	0	0	0	0	*	*	*	*	0	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	10†	0	0	0	0	0	*	0	*	*	0	0
Malignant neoplasm of ovary	10†	0	0	0	0	0	0	0	*	*	*	*
Malignant neoplasm of prostate	10†	0	0	0	0	0	0	0	*	*	*	*

5.5 (continued)
DEATHS BY AGE GROUP FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2012

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+
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	10†	0	0	*	0	0	*	0	*	0	*	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	20†	0	0	*	0	0	*	*	*	7	*	*
Hodgkin's disease	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	10†	0	0	0	0	0	0	*	*	*	*	*
Leukemia	0†	0	0	*	0	0	*	*	0	0	*	0
Multiple myeloma and immunoproliferative neoplasms	10†	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
All other and unspecified malignant neoplasm	40†	0	*	0	0	6	0	*	6	11	9	*
In situ neoplasms	0†	0	0	*	*	*	0	0	0	0	*	0
Anemias	0†	0	0	0	0	0	0	*	0	*	0	*
Diabetes	160†	0	0	0	*	*	10	24	38	42	38	8
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
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	10†	0	0	0	0	0	0	0	0	*	*	*
Alzheimer's disease	20†	0	0	0	0	0	0	0	0	*	*	10
Major cardiovascular diseases	310†	0	0	*	*	*	14	36	53	61	78	59
Diseases of heart	220†	0	0	0	*	*	12	21	37	47	60	41
Acute rheumatic fever and chronic rheumatic heart disease	0	0	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease	20†	0	0	0	0	*	*	*	*	*	*	*
Hypertensive heart and renal disease	0†	0	0	0	0	0	0	0	*	0	*	0
Ischemic heart disease	140†	0	0	0	0	*	*	11	25	32	43	26
Acute myocardial infarction	40†	0	0	0	0	*	*	*	*	9	9	6
Other acute ischemic heart disease	0	0	0	0	0	0	0	0	0	0	0	0
Other forms of chronic ischemic heart disease	110†	0	0	0	0	0	*	8	21	23	34	20
Atherosclerotic cardiovascular disease	40†	0	0	0	0	0	*	*	10	*	11	7
All other forms of chronic ischemic heart disease	70†	0	0	0	0	0	0	*	11	20	23	13
Other heart diseases	60†	0	0	0	*	0	6	6	8	12	13	13
Acute and subacute endocarditis	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
Heart failure	10†	0	0	0	0	0	0	*	*	*	*	*
All other forms of heart disease	40†	0	0	0	*	0	6	*	6	8	7	9

5.5 (continued)
DEATHS BY AGE GROUP FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2012

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+
Essential (primary) hypertension and hypertensive renal disease	30†	0	0	0	*	0	0	*	7	*	*	6
Cerebrovascular diseases	50†	0	0	*	*	0	*	11	8	9	10	10
Atherosclerosis	0†	0	0	0	0	0	0	0	0	0	0	*
Other diseases of circulatory system	10†	0	0	0	0	0	0	0	*	0	*	*
Aortic aneurysm and dissection	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	*	*
Other disorders of circulatory system	0†	0	0	0	0	0	0	0	0	0	*	0
Influenza and pneumonia	50†	*	*	0	*	*	*	*	8	*	17	15
Influenza	0†	0	0	0	0	0	*	0	0	0	0	*
Pneumonia	50†	*	*	0	*	*	0	*	8	*	17	14
Other acute lower respiratory infections	0†	*	0	0	0	0	0	0	0	0	0	0
Acute bronchiolitis	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
Chronic lower respiratory diseases	30†	0	0	0	0	0	0	0	*	9	9	8
Bronchitis, chronic and unspecified	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema	0†	0	0	0	0	0	0	0	0	*	0	*
Asthma	0†	0	0	0	0	0	0	0	*	*	*	0
Other chronic lower respiratory diseases	30†	0	0	0	0	0	0	0	*	7	8	7
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	*	*	*	*
Other disease of respiratory system	30†	*	0	0	0	*	0	*	*	*	6	*
Peptic ulcer	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
Hernia	0†	0	0	0	0	0	0	0	0	*	0	0
Chronic liver disease and cirrhosis	150†	0	0	0	*	15	28	50	30	12	8	*
Alcoholic liver disease	120†	0	0	0	*	12	23	46	28	8	*	*
Other chronic liver disease and cirrhosis	20†	0	0	0	0	*	*	*	*	*	*	*
Cholelithiasis and other disorders of gallbladder	0†	0	0	0	0	0	*	0	*	0	0	0
Nephritis, nephrotic syndrome and nephrosis	30†	0	0	0	0	0	*	*	*	7	6	8
Acute and rapidly progressive nephritic and nephrotic syndrome	0	0	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis	0†	0	0	0	0	0	0	*	0	0	0	*
Renal failure	20†	0	0	0	0	0	*	0	*	7	6	*
Others disorders of kidney	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
Hyperplasia of prostate	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, 2012

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+
Inflammatory diseases of female pelvic organs	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium	10†	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
Other complications of pregnancy, childbirth and the puerperium	10†	0	0	0	0	*	*	0	0	0	0	0
Perinatal conditions	10†	11	0	*	0	0	0	0	0	0	0	0
Congenital anomalies, deformations and chromosomal abnormalities	20†	12	*	*	*	*	0	*	*	0	0	0
Symptoms, signs, abnormal findings	90†	7	*	*	*	10	6	18	12	8	7	14
Total accidents	260†	*	*	13	37	51	54	52	17	10	11	*
Transport accidents	120†	0	*	11	24	32	20	20	7	*	*	0
Motor vehicle accidents	120†	0	*	11	23	30	20	18	7	*	*	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
Nontransport accidents	140†	*	*	*	13	19	34	32	10	8	8	*
Falls	30†	0	0	0	*	*	*	*	*	*	*	*
Accidental discharge of firearms	0†	0	0	0	0	0	0	0	*	0	0	0
Accidental drowning and submersion	10†	*	*	0	*	0	*	*	*	0	0	0
Accidental exposure to smoke, fire and flames	10†	0	0	*	0	0	0	0	*	*	*	*
Accidental poisoning	70†	0	0	0	*	16	22	19	*	*	0	0
Excessive natural heat	10†	*	0	0	0	0	*	*	*	0	0	0
Excessive natural cold	10†	0	0	0	0	0	0	*	0	0	*	0
Other and unspecified nontransport accidents	30†	*	0	0	*	*	7	6	*	*	*	0
Intentional self-harm (suicide)	60†	0	0	*	20	25	*	*	*	0	0	0
By discharge of firearms	20†	0	0	0	6	8	*	*	*	0	0	0
By other means	40†	0	0	*	14	17	*	*	*	0	0	0
Assault (homicide)	50†	0	*	*	11	19	6	10	*	*	0	0
By discharge of firearms	20†	0	0	0	*	6	*	*	0	0	0	0
By other means	40†	0	*	*	7	13	*	7	*	*	0	0
Legal intervention	0†	0	0	0	0	*	0	0	0	0	0	0
Events of undetermined intent	20†	*	0	0	*	*	*	*	*	*	0	0
Discharge of firearms	0†	0	0	0	*	*	*	0	0	0	0	0
Other and unspecified events of undetermined intent	10†	*	0	0	*	*	*	*	*	*	0	0
Operations of war	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	*
INJURY BY FIREARMS	40†	0	0	0	11	16	*	*	*	0	0	0
DRUG-INDUCED DEATHS	40†	0	0	0	*	10	10	10	*	0	0	0
ALCOHOL-INDUCED DEATHS	200†	0	0	0	6	23	45	66	41	16	*	*

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, 2012

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	Fort Mohave Indian Tribe	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
Total, all causes	1,806	2	4	25	5	2	28	6	75	18	539	29	49	84	92	138	3	1	1,100†	256	104	66	280	706
Salmonella infections	0	0	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	0
Certain other intestinal infections	10†	0	0	0	0	0	0	0	0	0	*	0	*	*	*	0	0	0	10†	0	0	*	6	0†
Enterocolitis due to Clostridium difficile	10†	0	0	0	0	0	0	0	0	0	*	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	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	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	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	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	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	0	0
Septicemia	30	0	0	*	0	0	0	*	*	*	9	*	0	*	*	0	0	0	20†	*	*	*	22	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	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	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	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	0
Viral hepatitis	10†	0	0	0	0	0	0	0	0	0	*	0	0	0	*	0	0	0	0†	*	*	*	*	10†
Human immunodeficiency virus (HIV) disease	10†	0	0	0	0	0	0	0	*	0	*	0	0	0	*	0	0	0	10†	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	0
Other and unspecified infectious and parasitic diseases	10†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0†	*	0	*	*	0†
Malignant neoplasms	208	0	0	*	0	0	0	0	11	*	52	6	10	7	11	16	0	0	120†	15	10	35	115	93
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	*	*	0	0	0†
Malignant neoplasm of esophagus	0†	0	0	0	0	0	0	0	*	0	*	*	0	0	0	*	0	0	0†	0	0	0	*	0
Malignant neoplasm of stomach	20†	0	0	0	0	0	0	0	0	0	14	0	0	*	0	0	0	0	20†	*	*	*	16	10†
Malignant neoplasm of colon, rectum and anus	16	0	0	0	0	0	0	0	*	0	*	0	0	*	0	*	0	0	10†	*	*	*	8	10†
Malignant neoplasm of liver and intrahepatic bile ducts	23	0	0	0	0	0	0	0	0	0	*	*	*	0	*	*	0	0	10†	*	*	*	7	20†
Malignant neoplasm of pancreas	15	0	0	*	0	0	0	0	*	0	*	0	0	0	*	0	0	0	10†	*	0	*	7	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	0	0
Malignant neoplasm of trachea, bronchus and lung	20†	0	0	0	0	0	0	0	0	0	*	0	*	0	*	*	*	0	10†	0	*	6	*	10†
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	0
Malignant neoplasm of breast	10†	0	0	0	0	0	0	0	0	0	*	0	*	0	0	*	0	0	10†	*	0	*	6	0†
Malignant neoplasm of cervix uteri	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	10†	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	10†	0	0	0	6	0†
Malignant neoplasm of prostate	10†	0	0	0	0	0	0	0	*	0	0	0	*	0	*	*	0	0	0†	0	0	*	*	10†
Malignant neoplasm of kidney and renal pelvis	10†	0	0	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0†	0	0	*	*	10†

5.6 (continued)
DEATHS BY RESIDENCE FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2012

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	Fort Mohave Indian Tribe	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	0	0†
Malignant neoplasm of meninges, brain and other parts of CNS	10†	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	21	0	0	0	0	0	0	0	0	0	*	*	0	0	*	*	0	0	10†	*	*	*	12	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	0	0
Non-Hodgkin's lymphoma	10†	0	0	0	0	0	0	0	0	0	*	*	0	0	*	*	0	0	0†	*	*	0	*	0†	
Leukemia	0†	0	0	0	0	0	0	0	0	0	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	0	10†	0	0	*	7	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	0	
All other and unspecified malignant neoplasm	39	0	0	0	0	0	0	0	*	0	10	*	*	*	*	*	0	0	30†	*	*	6	27	10†	
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	163	0	0	*	*	0	*	*	*	*	33	9	7	7	13	10	0	*	100†	8	6	30	97	66	
Nutritional deficiencies	10†	0	0	0	0	0	0	0	0	0	*	0	0	*	0	*	0	0	10†	0	0	0	*	0†	
Malnutrition	10†	0	0	0	0	0	0	0	0	0	*	0	0	*	0	*	0	0	10†	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	0	
Obesity	10†	0	0	0	0	0	0	0	0	0	*	0	0	*	*	0	0	0	0†	*	0	*	*	10†	
Meningitis	0	0	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	6	0	0	0	0	0	0	0	0	0	*	0	0	0	0	*	0	0	10†	0	0	0	6	0	
Alzheimer's disease	20†	0	0	0	0	0	0	0	*	0	*	0	0	0	0	*	*	0	0†	*	0	*	*	10†	
Major cardiovascular diseases	309	0	0	*	*	0	*	0	14	*	90	*	11	21	22	16	0	0	190†	22	10	49	189	120	
Diseases of heart	223	0	0	*	*	0	*	0	11	*	67	*	6	12	16	10	0	0	130†	16	8	36	133	90	
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	0	0	0	0	
Hypertensive heart disease	18	0	0	0	0	0	0	0	*	0	*	*	*	*	*	0	0	0	10†	0	*	*	11	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	143	0	0	*	*	0	*	0	8	*	44	0	*	7	9	8	0	0	90†	11	*	19	85	60†	
Acute myocardial infarction	35	0	0	*	0	0	0	0	*	0	11	0	0	*	*	*	0	0	20†	*	*	*	20	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	0	
Other forms of chronic ischemic heart disease	108	0	0	*	*	0	*	0	*	*	33	0	*	6	7	6	0	0	70†	7	*	17	65	40†	
Atherosclerotic cardiovascular disease	37	0	0	0	0	0	*	0	*	0	13	0	*	*	*	0	0	0	20†	*	*	*	22	20†	
All other forms of chronic ischemic heart disease	71	0	0	*	*	0	*	0	*	*	20	0	*	*	6	6	0	0	40†	*	*	12	43	30†	
Other heart diseases	60	0	0	*	0	0	*	0	*	0	20	*	*	*	*	*	0	0	40†	*	*	12	35	30†	
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†	
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	
Heart failure	14	0	0	0	0	0	0	0	0	0	*	0	0	*	*	0	0	0	10†	0	*	*	7	10†	
All other forms of heart disease	43	0	0	*	0	0	*	0	0	0	15	*	*	*	*	*	0	0	30†	*	0	8	26	20†	

5.6 (continued)
DEATHS BY RESIDENCE FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2012

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	Fort Mohave Indian Tribe	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	28	0	0	0	0	0	0	0	0	*	*	*	*	*	0	0	0	20†	*	0	*	16	10†	
Cerebrovascular diseases	52	0	0	*	0	0	0	0	*	0	17	0	*	*	*	0	0	40†	*	*	6	38	10†	
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	10†	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†	
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	51	0	*	0	0	0	0	0	*	*	21	0	0	0	*	6	0	40†	*	*	8	35	20†	
Influenza	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0†	0	0	0	*	0	
Pneumonia	49	0	*	0	0	0	0	0	*	*	19	0	0	0	*	6	0	30†	*	*	8	33	20†	
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	
Acute bronchiolitis	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	0
Chronic lower respiratory diseases	30	0	0	*	0	0	0	0	*	0	*	0	0	*	*	*	0	10†	*	0	8	13	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	0
Emphysema	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	*	*	0	0	10†	*	0	7	10	20†	
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	0	0
Pneumonitis due to solids and liquids	10†	0	0	0	0	0	*	0	0	0	8	0	0	0	*	0	0	10†	0	0	*	12	0†	
Other disease of respiratory system	25	0	0	0	0	0	*	*	0	0	10	0	0	0	*	0	0	20†	*	*	*	16	10†	
Peptic ulcer	0†	0	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	0
Hernia	0†	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	148	0	0	*	0	0	*	0	*	*	22	*	7	*	9	13	*	70†	11	*	27	72	80†	
Alcoholic liver disease	124	0	0	*	0	0	*	0	*	0	17	*	6	*	8	12	*	60†	11	*	23	60	60†	
Other chronic liver disease and cirrhosis	24	0	0	*	0	0	0	0	*	*	*	0	*	0	*	*	0	10†	0	*	*	12	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†	
Nephritis, nephrotic syndrome and nephrosis	26	*	0	0	0	*	0	0	*	0	6	0	*	*	*	*	0	20†	0	0	*	19	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†	
Renal failure	20†	*	0	0	0	*	0	0	*	0	*	0	0	*	*	*	0	20†	0	0	*	17	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†	

5.6 (continued)

DEATHS BY RESIDENCE FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2012

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	Fort Mohave Indian Tribe	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
Hyperplasia of prostate	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	10†	0	0	0	0	0	0	0	0	0	*	0	*	0	0	0	0	10†	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	10†	0	0	0	0	0	0	0	0	0	*	0	*	0	0	0	0	10†	0	*	0	*	0†
Perinatal conditions	10†	0	0	0	*	0	0	0	*	0	*	0	0	0	0	*	0	10†	0	*	*	8	0†
Congenital anomalies, deformations and chromosomal abnormalities	20	0	*	*	0	0	0	*	*	*	*	0	0	0	0	*	0	10†	*	0	*	10	10†
Symptoms, signs, abnormal findings	91	0	0	0	0	0	*	0	*	*	47	0	*	0	*	6	0	60†	*	7	6	62	30†
Total accidents	258	0	*	6	0	0	8	*	14	*	96	*	*	14	*	19	*	180†	10	7	35	175	83
Transport accidents	122	0	0	6	0	0	*	*	8	*	58	0	*	*	*	*	0	90†	*	6	14	87	40†
Motor vehicle accidents	115	0	0	6	0	0	*	0	8	*	55	0	*	*	*	*	0	80†	*	*	13	83	30†
Other land transport accidents	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
Nontransport accidents	136	0	*	0	0	0	*	0	6	*	38	*	*	10	*	17	0	90†	*	*	21	88	50†
Falls	27	0	0	0	0	0	*	0	*	0	7	0	*	*	*	0	0	20†	*	0	*	21	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	*	0	0	0†	*	0	*	*	10†
Accidental exposure to smoke, fire and flames	6	0	0	0	0	0	*	0	0	0	*	0	0	*	0	0	0	10†	0	0	0	6	0
Accidental poisoning	68	0	0	0	0	0	*	0	*	*	15	*	0	*	*	10	0	40†	*	*	13	39	30†
Excessive natural heat	10†	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	*	0	0	0	0	0	0	10†	0	0	0	*	0
Other and unspecified nontransport accidents	25	0	0	0	0	0	*	0	*	0	12	0	0	0	*	*	0	20†	0	0	*	18	10†
Intentional self-harm (suicide)	60	0	0	*	0	0	0	0	0	*	22	0	0	*	*	6	0	40†	*	*	7	37	20†
By discharge of firearms	19	0	0	*	0	0	0	0	0	0	9	0	0	*	0	*	0	10†	*	*	*	12	10†
By other means	41	0	0	0	0	0	0	0	0	*	13	0	0	*	*	*	0	30†	*	*	6	25	20†
Assault (homicide)	54	0	0	*	0	0	*	0	*	0	11	0	*	*	*	6	0	30†	*	*	11	28	30†
By discharge of firearms	20†	0	0	0	0	0	*	0	0	0	*	0	0	0	0	0	0	10†	*	*	*	*	10†
By other means	38	0	0	*	0	*	*	0	*	0	8	0	*	*	*	6	0	20†	*	*	7	23	20†
Legal intervention	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	17	0	0	0	0	0	0	0	0	0	*	*	0	*	0	*	0	10†	*	0	*	10	10†
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†
Other and unspecified events of undetermined intent	10†	0	0	0	0	0	0	0	0	0	*	*	0	*	0	*	0	10†	*	0	0	10	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†
INJURY BY FIREARMS	40	0	0	*	0	0	*	0	0	0	12	0	0	*	0	*	0	20†	*	*	7	18	20†
DRUG-INDUCED DEATHS	38	0	0	0	0	0	*	0	*	*	*	0	*	0	*	0	0	20†	*	0	6	15	20†
ALCOHOL-INDUCED DEATHS	203	0	0	*	*	0	*	0	*	*	42	*	8	9	10	25	*	110†	12	*	39	112	90†

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, 2012

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
Total, all causes	1,810†	318	4	205	79	15	2	31	334	38	373	215	130	2	18	12	30
Salmonella infections	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
Certain other intestinal infections	10†	*	0	*	*	*	0	0	*	0	0	*	0	0	*	0	0
Enterocolitis due to Clostridium difficile	10†	0	0	*	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	0
Respiratory tuberculosis	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
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	0
Septicemia	30†	6	0	*	*	0	0	*	*	*	*	9	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	*	0	*
Human immunodeficiency virus (HIV) disease	10†	*	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
Other and unspecified infectious and parasitic diseases	10†	0	0	*	0	0	0	0	0	*	*	*	0	0	0	0	0
Malignant neoplasms	210†	36	0	17	*	*	0	*	43	*	46	29	20	0	*	*	*
Malignant neoplasm of lip, oral cavity and pharynx	0†	0	0	*	0	0	0	0	0	0	0	*	0	0	0	0	0
Malignant neoplasm of esophagus	0†	*	0	0	0	0	0	0	0	0	*	*	0	0	0	0	0
Malignant neoplasm of stomach	20†	8	0	*	*	*	0	0	*	0	7	*	*	0	0	0	0
Malignant neoplasm of colon, rectum and anus	20†	*	0	*	0	*	0	0	*	*	*	*	*	0	*	0	0
Malignant neoplasm of liver and intrahepatic bile ducts	20†	*	0	*	0	0	0	0	8	0	*	6	*	0	0	0	0
Malignant neoplasm of pancreas	20†	*	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	0
Malignant neoplasm of trachea, bronchus and lung	20†	0	0	*	*	0	0	0	*	*	*	*	*	0	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
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	10†	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
Malignant neoplasm of prostate	10†	0	0	0	0	0	0	0	*	0	*	*	*	0	0	0	0
Malignant neoplasm of kidney and renal pelvis	10†	*	0	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, 2012

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	10†	*	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	6	*	*	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	0
Leukemia	0†	0	0	*	0	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	*
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	40†	8	0	*	*	0	0	0	8	0	11	*	*	0	*	0	*
In situ neoplasms	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	160†	23	0	10	7	*	0	*	35	*	26	30	15	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
Meningitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parkinson's disease	10†	0	0	*	0	0	0	0	0	0	*	0	0	0	0	0	0
Alzheimer's disease	20†	0	0	0	*	0	0	0	6	*	*	*	*	0	*	0	0
Major cardiovascular diseases	310†	51	*	35	20	*	*	7	52	7	53	46	21	0	*	*	9
Diseases of heart	220†	37	0	29	11	*	*	*	38	*	36	33	18	0	*	*	6
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
Hypertensive heart disease	20†	*	0	*	*	0	0	0	*	*	*	*	*	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	140†	24	0	18	8	*	0	*	27	*	26	19	11	0	0	*	*
Acute myocardial infarction	40†	9	0	*	*	*	0	*	6	*	*	6	0	0	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†	15	0	13	7	0	0	*	21	*	21	13	11	0	0	*	*
Atherosclerotic cardiovascular disease	40†	6	0	*	*	0	0	0	8	0	7	*	*	0	0	0	*
All other forms of chronic ischemic heart disease	70†	9	0	8	*	0	0	*	13	*	14	11	7	0	0	*	*
Other heart diseases	60†	11	0	8	*	*	*	*	9	*	8	9	*	0	*	0	*
Acute and subacute endocarditis	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
Heart failure	10†	*	0	*	*	0	0	*	*	0	*	*	*	0	0	0	0
All other forms of heart disease	40†	7	0	7	*	*	*	*	7	*	*	6	*	0	*	0	*
Essential (primary) hypertension and hypertensive renal disease	30†	*	0	0	*	0	0	*	*	*	*	7	*	0	0	0	0
Cerebrovascular diseases	50†	11	0	*	*	0	0	*	9	*	12	*	*	0	*	0	*

5.7 (continued)
DEATHS BY COUNTY OF RESIDENCE FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2012

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	10+	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	*
Other disorders of circulatory system	0+	0	0	0	0	0	0	0	*	0	*	0	0	0	0	0	0
Influenza and pneumonia	50+	13	0	7	0	0	0	0	*	*	16	6	*	0	0	*	*
Influenza	0+	*	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonia	50+	12	0	6	0	0	0	0	*	*	16	6	*	0	0	*	*
Other acute lower respiratory infections	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
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	0	*	7	*	*	*	*	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	*
Asthma	0+	0	0	*	*	0	0	0	*	0	0	0	0	0	0	0	0
Other chronic lower respiratory diseases	30+	0	0	*	*	0	0	*	6	*	*	*	*	0	0	*	0
Pneumoconioses and chemical effects	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
Other disease of respiratory system	30+	*	0	7	0	0	0	0	*	0	6	*	*	0	0	0	0
Peptic ulcer	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
Hernia	0+	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Chronic liver disease and cirrhosis	150+	19	0	9	*	*	0	*	44	*	21	24	14	*	*	*	*
Alcoholic liver disease	120+	16	0	6	*	*	0	*	36	*	18	23	11	*	*	*	*
Other chronic liver disease and cirrhosis	20+	*	0	*	0	0	0	*	8	*	*	*	*	0	0	0	0
Cholelithiasis and other disorders of gallbladder	0+	*	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0
Nephritis, nephrotic syndrome and nephrosis	30+	*	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	0	0	0	0
Chronic glomerulonephritis	0+	0	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	0	0	0	0
Infections of kidney	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
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	10+	*	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, 2012

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	10†	*	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
Congenital anomalies, deformations and chromosomal abnormalities	20†	*	0	*	0	0	0	*	6	*	*	*	*	0	0	*	0
Symptoms, signs, abnormal findings	90†	32	*	12	0	0	0	0	18	*	19	*	*	0	0	0	*
Total accidents	260†	51	*	32	13	*	0	7	40	6	63	18	18	0	*	*	*
Transport accidents	120†	33	0	23	*	*	0	7	13	*	22	6	8	0	*	*	*
Motor vehicle accidents	120†	31	0	21	*	*	0	7	12	*	21	6	7	0	*	*	*
Other land transport accidents	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
Nontransport accidents	140†	18	*	9	10	0	0	0	27	*	41	12	10	0	*	*	*
Falls	30†	*	0	*	*	0	0	0	6	0	10	*	*	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	*	0	*	*	*	0	0	*	0
Accidental exposure to smoke, fire and flames	10†	*	0	0	*	0	0	0	*	0	0	0	0	0	0	0	0
Accidental poisoning	70†	7	0	*	*	0	0	0	13	*	22	7	*	0	*	0	*
Excessive natural heat	10†	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	30†	8	*	*	0	0	0	0	*	0	6	*	*	0	0	0	0
Intentional self-harm (suicide)	60†	12	0	7	*	*	0	*	11	*	14	*	*	0	0	*	0
By discharge of firearms	20†	*	0	*	*	0	0	*	*	0	*	*	0	0	0	0	0
By other means	40†	8	0	*	*	*	0	0	7	*	9	*	*	0	0	*	0
Assault (homicide)	50†	6	0	10	*	*	0	*	11	*	12	*	6	0	0	0	0
By discharge of firearms	20†	*	0	*	0	0	0	0	*	0	*	*	*	0	0	0	0
By other means	40†	*	0	7	*	*	0	*	6	*	11	*	*	0	0	0	0
Legal intervention	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
Events of undetermined intent	20†	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
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
INJURY BY FIREARMS	40†	*	0	6	*	0	0	*	11	0	7	*	6	0	0	0	0
DRUG-INDUCED DEATHS	40†	*	0	0	*	0	0	0	14	*	6	7	*	0	*	0	0
ALCOHOL-INDUCED DEATHS	200†	31	0	12	9	*	0	*	48	*	46	26	18	*	*	*	*

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, 2012

		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	Yavapai-Apache Nation	TOTAL	---in Maricopa County	---in Pima County	---in Coconino County	---elsewhere in Arizona	TOTAL	
TOTAL	ALL AGES	115	10†	0†	10†	0†	60†	0†	0†	0†	0†	0†	0†	80†	10†	10†	10†	10†	30†
	1-4	0†	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	*	0†
	5-14	10†	*	0	0	0	*	0	0	0	0	0	10†	*	0	0	*	*	0†
	15-24	20†	*	*	*	0	14	0	*	0	0	0	20†	*	*	*	*	*	10†
	25-34	30	*	*	*	*	16	0	0	0	0	*	20†	*	*	*	*	*	10†
	35-44	20	0	0	*	0	8	*	0	0	0	0	10†	*	0	*	*	*	10†
	45-54	18	*	0	0	0	7	0	*	*	*	0	10†	0	*	*	*	*	10†
	55-64	10†	0	0	0	0	*	*	*	0	0	0	10†	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
M	ALL AGES	80	0†	0†	10†	0	40†	0†	0†	0	0†	0†	60†	10†	0†	0†	10†	10†	20†
	1-4	0†	0	0	0	0	0	0	0	0	0	0	0	*	0	0	*	*	0†
	5-14	10†	*	0	0	0	*	0	0	0	0	0	10†	*	0	0	0	0	0†
	15-24	20†	*	0	*	0	14	0	0	0	0	0	20†	*	*	0	*	*	0†
	25-34	18	0	*	0	0	10	0	0	0	0	*	10†	*	*	*	*	*	10†
	35-44	20†	0	0	*	0	6	*	0	0	0	0	10†	*	0	*	*	*	10†
	45-54	10†	0	0	0	0	*	0	*	0	*	0	10†	0	*	*	*	*	0†
	55-64	10†	0	0	0	0	*	*	*	0	0	0	10†	0	0	0	0	0	0
	65-74	0†	0	0	*	0	0	0	0	0	0	0	0†	0	0	0	0	0	0
F	ALL AGES	35	0†	0†	0†	0†	20†	0	0†	0†	0	0	20†	0†	0†	0†	10†	10†	
	1-4	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	0†	0	*	0	0	0	0	*	0	0	0	0†	*	0	*	0	0	0†
	25-34	10†	*	*	*	*	6	0	0	0	0	0	10†	*	0	0	*	*	0†
	35-44	0†	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	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	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, 2012

		TOTAL	Resided on reservation							Resided off reservation				
			Colorado River Indian Tribe	Hualapai Tribe	Navajo Nation	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
TOTAL	ALL AGES	60	0†	0†	20†	0†	0†	10†	40†	10†	0†	0†	10†	20†
	5-14	0†	0	0	*	0	0	0	0†	*	0	0	*	0†
	15-24	20	0	*	7	0	*	*	10†	*	0	*	*	10†
	25-34	25	0	*	7	*	*	*	20†	*	*	*	*	10†
	35-44	10†	*	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†
M	ALL AGES	46	0†	0†	20†	0†	0†	10†	30†	10†	0†	0†	10†	20†
	5-14	0†	0	0	*	0	0	0	0†	*	0	0	*	0†
	15-24	10†	0	*	7	0	*	*	10†	*	0	0	*	0†
	25-34	18	0	*	*	*	0	*	10†	*	*	*	*	10†
	35-44	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†
F	ALL AGES	14	0	0	0†	0†	0†	0†	10†	0†	0†	0†	0†	10†
	15-24	10†	0	0	0	0	*	*	0†	*	0	*	0	0†
	25-34	10†	0	0	*	*	*	0	0†	*	*	0	*	0†
	35-44	0†	22	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, 2012**

		TOTAL	Resided on reservation										Resided off reservation				
			Colorado River Indian Tribe	Fort Mojave Indian Tribe	Gila River Indian Community	Hopi 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
TOTAL	ALL AGES	54	0†	0†	0†	0†	10†	0†	0†	0†	10†	30†	10†	0†	0†	10†	30†
	1-4	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	10†	0	0	*	0	*	0	0	0	*	0†	*	*	0	*	10†
	25-34	19	0	0	*	*	7	0	*	*	*	10†	*	*	*	*	10†
	35-44	10†	0	0	0	0	*	*	0	0	0	0†	*	*	0	*	0†
	45-54	10†	*	0	*	0	0	0	0	0	*	0†	*	*	*	*	10†
	55-64	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
M	ALL AGES	39	0†	0	0†	0†	10†	0†	0†	0†	0†	20†	0†	0†	0†	10†	20†
	1-4	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	*	0†	*	*	0	*	10†
	25-34	10†	0	0	*	*	6	0	*	*	*	10†	0	*	0	*	0†
	35-44	10†	0	0	0	0	*	*	0	0	0	0†	*	*	0	*	0†
	45-54	10†	*	0	*	0	0	0	0	0	*	0†	*	0	*	*	10†
	55-64	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
	F	ALL AGES	15	0	0†	0	0†	0†	0	0	0	0†	10†	0†	0†	0†	0†
1-4		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		0†	0	0	0	0	*	0	0	0	*	0†	*	0	0	*	0†
25-34		10†	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†
55-64		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.

5.11

DIABETES-RELATED DEATHS AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE, GENDER, AND AGE GROUP, ARIZONA, 2012

	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-Prescott Indian Tribe	TOTAL	---in Maricopa County	---in Pima County	---in Coconino County	---elsewhere in Arizona	TOTAL		
TOTAL	ALL AGES	313	0†	0†	10†	0†	10†	0†	70†	10†	20†	20†	20†	20†	0†	180†	50†	20†	10†	60†	130†	
	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	*	0	0	0	0†	*	0	0	*	10†	
	35-44	20†	*	0	*	0	0	0	*	*	*	0	*	*	0	10†	*	0	0	*	0†	
	45-54	47	0	*	0	0	*	*	9	*	*	*	*	*	0	30†	6	*	*	7	20†	
	55-64	72	*	0	*	0	*	*	12	*	*	*	*	*	0	40†	12	*	*	18	40†	
	65-74	69	0	*	*	*	*	0	12	*	*	*	6	*	0	40†	7	*	*	16	30†	
	75-84	79	0	0	*	0	7	0	21	*	*	*	*	9	*	50†	12	*	*	11	30†	
	85+	19	*	0	0	0	0	0	7	0	*	*	0	0	0	10†	*	*	0	*	10†	
M	ALL AGES	162	0†	0	10†	0†	10†	0†	40†	0†	10†	10†	10†	10†	0†	90†	30†	0†	0†	30†	70†	
	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	0	0	0	0	0	0	*	0	0	*	0†	
	35-44	10†	0	0	*	0	0	0	*	0	*	0	0	*	0	10†	*	0	0	*	0†	
	45-54	30	0	0	0	0	*	*	7	*	*	*	*	*	0	20†	*	*	*	*	10†	
	55-64	39	*	0	*	0	0	0	10	*	*	*	*	*	0	20†	8	*	*	8	20†	
	65-74	35	0	0	*	*	*	0	*	0	*	*	*	*	0	20†	*	*	0	11	20†	
	75-84	38	0	0	0	0	*	0	14	0	0	*	*	*	*	20†	7	0	*	*	10†	
	85+	0†	0	0	0	0	0	0	*	0	0	0	0	0	0	0†	0	*	0	*	0†	
F	ALL AGES	151	0†	0†	0†	0	0†	0†	20†	10†	10†	10†	10†	10†	0	90†	20†	10†	10†	30†	70†	
	25-34	10†	0	0	0	0	0	0	0	0	*	0	0	0	0	0†	*	0	0	*	0†	
	35-44	10†	*	0	*	0	0	0	0	*	0	0	*	0	0	10†	0	0	0	*	0†	
	45-54	17	0	*	0	0	0	0	*	*	*	*	*	0	0	10†	*	*	0	*	10†	
	55-64	33	0	0	0	0	*	*	*	*	*	*	*	*	0	20†	*	*	0	10	20†	
	65-74	34	0	*	*	0	0	0	7	*	*	*	*	*	0	20†	*	*	*	*	10†	
	75-84	41	0	0	*	0	*	0	7	*	*	*	*	8	0	20†	*	*	*	6	20†	
	85+	20†	*	0	0	0	0	0	6	0	*	*	0	0	0	10†	*	0	0	*	10†	

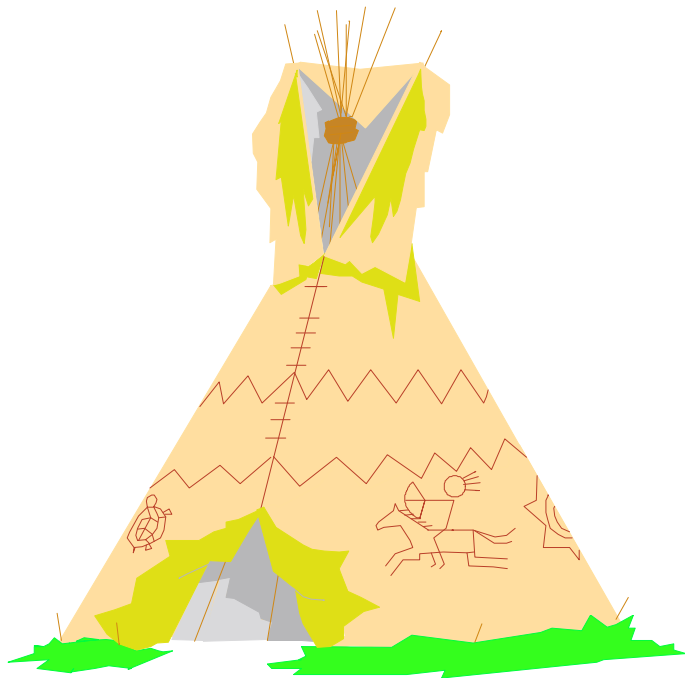
Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; Diabetes-related: deaths due to diabetes reported as multiple cause of death (any mention of diabetes on the death certificate). The number of deaths due to diabetes as the underlying cause of death (163 in 2012) 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, 2012

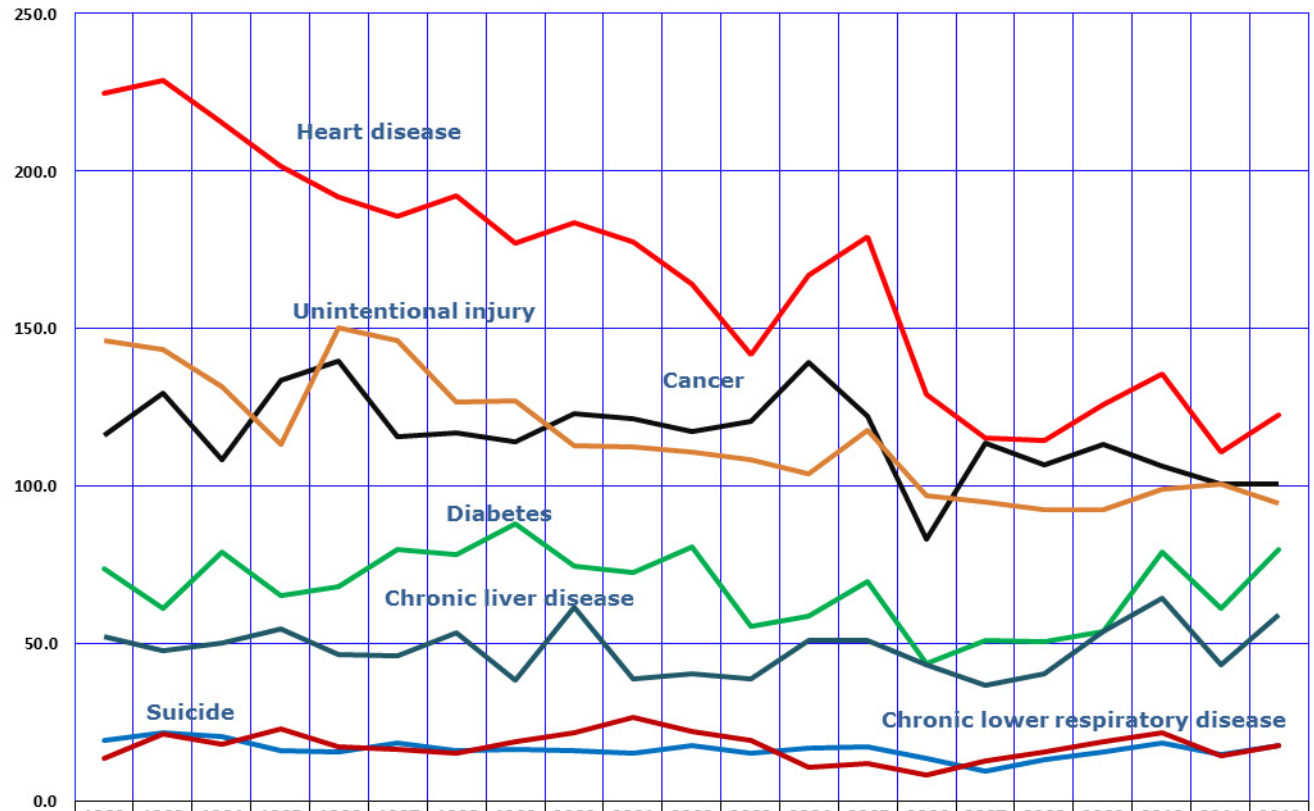
		TOTAL	Resided on reservation												Resided off reservation					
			Colorado River Indian Tribe	Fort McDowell Yavapai Nation Reservation	Gila River Indian Community	Hopi Tribe	Hualapai Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Indian Community	San Carlos Apache Tribe	Tohono 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	200†	0†	0†	0†	0†	0†	40†	0†	10†	10†	10†	30†	0†	110†	40†	10†	0†	40†	90†
	15-24	10†	0	0	0	0	0	0	0	0	0	0	*	0	0†	0	*	*	*	0†
	25-34	23	*	0	0	0	*	6	0	*	0	*	*	0	20†	*	*	0	*	10†
	35-44	45	*	0	*	0	0	16	0	*	*	*	8	0	30†	6	0	*	6	10†
	45-54	66	*	0	*	*	0	12	*	*	*	*	*	0	30†	17	*	0	15	40†
	55-64	41	0	*	*	*	0	*	*	*	*	*	*	*	20†	*	*	*	10	20†
	65-74	16	0	0	*	0	0	*	0	0	*	0	*	0	10†	*	*	0	*	10†
	75-84	10†	0	0	0	*	0	0	*	0	*	0	*	0	0†	*	0	0	0	0†
	85+	0†	0	0	0	0	0	0	0	0	0	*	0	0	0†	0	0	0	0	0
M	ALL AGES	140†	0†	0†	0†	0†	0†	30†	0†	10†	10†	10†	20†	0	80†	20†	10†	0†	20†	60†
	15-24	10†	0	0	0	0	0	0	0	0	0	0	*	0	0†	0	*	*	*	0†
	25-34	16	0	0	0	0	*	*	0	*	0	*	*	0	10†	*	0	0	*	10†
	35-44	31	0	0	*	0	0	12	0	*	*	*	6	0	30†	*	0	*	*	10†
	45-54	42	*	0	*	*	0	7	*	*	*	*	*	0	20†	11	*	0	9	20†
	55-64	26	0	*	0	*	0	*	*	0	*	*	*	0	10†	*	*	*	7	20†
	65-74	10†	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†
	85+	0†	0	0	0	0	0	0	0	0	0	*	0	0	0†	0	0	0	0	0
F	ALL AGES	70†	0†	0	0†	0	0	10†	0†	0†	0†	0†	10†	0†	30†	10†	10†	0	20†	30†
	25-34	10†	*	0	0	0	0	*	0	0	0	0	*	0	10†	*	*	0	0	0†
	35-44	14	*	0	0	0	0	*	0	0	0	0	*	0	10†	*	0	0	*	10†
	45-54	24	0	0	0	0	0	*	*	*	0	0	*	0	10†	6	*	0	6	20†
	55-64	15	0	0	*	0	0	*	0	*	*	*	*	*	10†	*	*	0	*	10†
	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	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^a in the Selected Leading Causes of Death among American Indian Residents of Arizona, 1992-2012



	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Heart disease	224.7	228.7	215.5	201.5	191.9	185.9	192.4	177.0	183.8	177.7	164.0	141.9	166.9	179.1	129.4	115.2	114.6	125.8	135.9	111.1	122.7
Cancer	116.1	129.8	108.5	133.5	139.8	116.0	117.0	114.1	123.0	121.7	117.6	120.7	139.3	122.2	83.1	113.9	106.7	113.3	106.4	100.8	100.8
Unintentional injury	146.3	143.4	131.5	113.2	150.5	146.4	126.8	127.0	113.1	112.7	111.0	108.6	103.9	117.8	97.2	95.0	92.6	92.6	99.2	100.6	94.8
Diabetes	74.1	61.4	79.3	65.2	68.3	80.2	78.4	88.3	74.6	72.8	80.8	55.8	59.0	69.9	43.9	51.1	50.8	54.2	79.3	61.3	80.2
Chronic liver disease	52.5	48.0	50.3	54.9	46.7	46.3	53.5	38.5	61.7	39.1	40.5	38.8	51.0	51.2	43.6	36.8	40.7	54.0	64.6	43.6	59.2
Suicide	19.6	21.7	20.8	16.3	15.9	18.7	16.1	16.6	16.2	15.4	17.9	15.2	17.0	17.5	13.7	9.8	13.5	15.9	18.7	14.9	17.9
Chronic lower respiratory disease	13.6	21.4	18.4	22.9	17.3	16.7	15.2	19.2	21.9	26.8	22.3	19.4	10.8	12.0	8.4	13.0	15.8	19.2	21.7	14.4	18.0

Notes: ^a 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^a by Gender among American Indian
 Residents of Arizona in 2012**

Rank	Female	Both	Male
1	Diseases of heart 93.9	Diseases of heart 122.7	Diseases of heart 160.6
2	Cancer 90.4	Cancer 100.8	Unintentional injury 136.9
3	Diabetes 69.7	Unintentional injury 94.8	Cancer 114.5
4	Unintentional injury 56.5	Diabetes 80.2	Diabetes 94.1
5	Chronic liver disease and cirrhosis 55.5	Chronic liver disease and cirrhosis 59.2	Chronic liver disease and cirrhosis 63.3

Notes: ^a Based on age-adjusted mortality rates: Number of deaths per 100,000 population age-adjusted to the 2000 U.S. standard. See Table 2B-4 in the "Arizona Health Status and Vital Statistics 2012" report.

5.15
Five Leading Causes of Death^a among American Indians by Gender and Residence
On or Off Reservation, Arizona, 2012

Rank	Female, resided on reservation	Female, resided off reservation	Male, resided on reservation	Male, resided off reservation
1	Cancer 12.6	Cancer 13.0	Unintentional injury 19.9	Unintentional injury 14.7
2	Diseases of heart 11.8	Diseases of heart 12.2	Diseases of heart 12.3	Diseases of heart 13.3
3	Unintentional injury 10.5	Chronic liver disease and cirrhosis 10.7	Cancer 8.9	Cancer 13.3
4	Diabetes 9.9	Diabetes 9.9	Diabetes 8.1	Chronic liver disease and cirrhosis 10.8
5	Chronic liver disease and cirrhosis 7.7	Unintentional injury 8.7	Chronic liver disease and cirrhosis 5.7	Diabetes 8.9

Note: ^a Percent of total deaths in specified group.

5.16
Proportional Mortality^a by Type of Cancer and Gender among American Indians and all Residents of Arizona, 2002-2012

Rank	Arizona male^b	American Indian male	Arizona female^b	American Indian female
1	Trachea, bronchus, lung 27.6	Lymphoma 11.0	Trachea, bronchus, lung 25.6	Breast 12.5
2	Lymphoma 10.7	Prostate 10.9	Breast 15.3	Lymphoma 11.2
3	Prostate 10.3	Liver 10.1	Lymphoma 9.4	Ovary 8.0
4	Colon, rectum, anus 9.3	Trachea, bronchus, lung 9.1	Colon, rectum, anus 9.3	Trachea, bronchus, lung 8.0
5	Pancreas 6.1	Colon, rectum, anus 9.0	Pancreas 6.3	Colon, rectum, anus 7.0
6	Leukemia 4.4	Stomach 8.8	Ovary 6.0	Liver 6.6
7	Liver 4.2	Kidney 8.3	Non-Hodgkin's lymphoma 3.8	Pancreas 5.8
8	Non-Hodgkin's lymphoma 4.0	Pancreas 7.1	Leukemia 3.6	Stomach 5.5
9	Esophagus 3.9	Leukemia 3.7	Brain 2.5	Cervix uteri 4.3
10	Bladder 3.6	Non-Hodgkin's lymphoma 3.6	Liver 2.5	Non-Hodgkin's lymphoma 3.9

Notes: ^a Percent of cancer deaths in specified group in 2002-2012.
^b All race/ethnic groups combined.
See Table 5-18 for percentages based on frequency counts.

5.17
Proportional Mortality^a by Mechanism of Unintentional Injury and Gender among
American Indians and all Residents of Arizona, 2002-2012

Rank	Arizona male^b	American Indian male	Arizona female^b	American Indian female
1	Motor vehicle-related 36.7	Motor vehicle-related 52.7	Falls 33.8	Motor vehicle-related 59.6
2	Poisoning by drugs 23.4	Poisoning by drugs 9.0	Motor vehicle-related 27.7	Falls 12.4
3	Falls 17.4	Poisoning by gases 7.5	Poisoning by drugs 21.5	Poisoning by drugs 9.8
4	Accidental discharge of firearms 4.3	Falls 7.0	Choked on objects other than food 2.3	Poisoning by gases 4.2
5	Accidental drowning 3.6	Exposure to cold 5.3	Accidental drowning 2.0	Exposure to cold 1.8
6	Poisoning by gases 2.3	Accidental drowning 3.2	Misadventures to patients 2.0	Misadventures to patients 1.8
7	Exposure to heat 1.9	Accidental discharge of firearms 2.2	Accidental discharge of firearms 1.4	Choked on objects other than food 1.6
8	Choked on objects other than food 1.6	Mechanical suffocation 1.8	Choked on food 1.4	Accidental drowning 1.4
9	Fire, flames, smoke 1.4	Railway accidents 1.6	Fire, flames, smoke 1.4	Fire, flames, smoke 0.9
10	Mechanical suffocation 1.1	Exposure to heat 1.5	Exposure to heat 1.2	Exposure to heat 0.9

Notes: ^a Percent of unintentional injury deaths in specified group in 2002-2012.
^b All race/ethnic groups combined.
See 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^a OF ARIZONA, 2002-2012

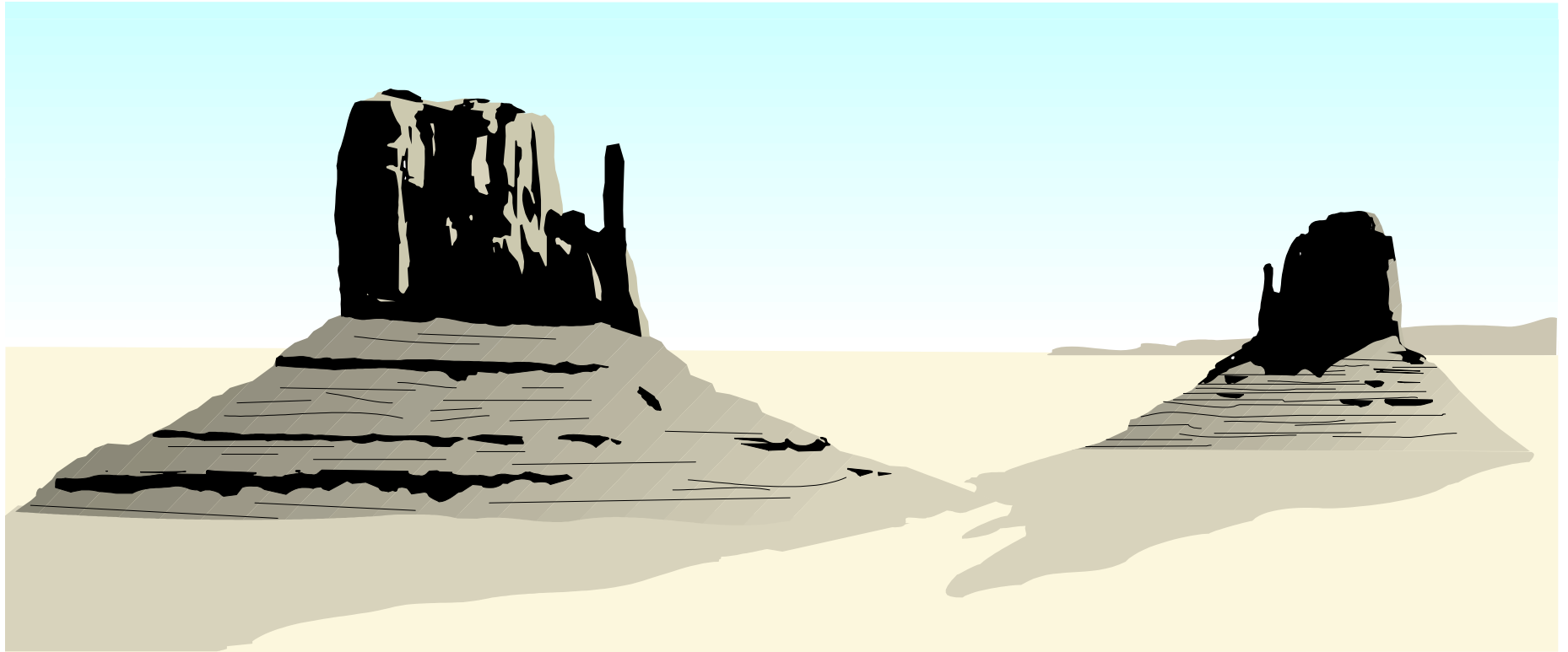
	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Malignant neoplasms, total	109,715	59,109	50,603	2,149	1,033	1,115
Malignant neoplasm of lip, oral cavity and pharynx	1,441	1,032	409	27	18	9
Malignant neoplasm of esophagus	2,877	2,327	550	50	36	14
Malignant neoplasm of stomach	2,134	1,277	857	152	91	61
Malignant neoplasm of colon, rectum and anus	10,182	5,470	4,711	171	93	78
Malignant neoplasm of liver and intrahepatic bile ducts	3,779	2,497	1,282	178	104	74
Malignant neoplasm of pancreas	6,789	3,587	3,202	138	73	65
Malignant neoplasm of larynx	620	495	125	10†	*	*
Malignant neoplasm of trachea, bronchus and lung	29,267	16,330	12,937	183	94	89
Malignant melanoma of skin	1,992	1,377	615	10†	6	*
Malignant neoplasm of breast	7,826	72	7,754	140†	*	139
Malignant neoplasm of cervix uteri	712	0	712	48	0	48
Malignant neoplasm of corpus uteri and uterus, part unspecified	1,210†	*	1,206	39	0	39
Malignant neoplasm of ovary	3,030†	*	3,028	89	0	89
Malignant neoplasm of prostate	6,095	6,087	8	113	113	0
Malignant neoplasm of kidney and renal pelvis	2,688	1,748	940	125	86	39
Malignant neoplasm of bladder	2,876	2,111	764	20	11	9
Malignant neoplasm of meninges, brain and other parts of central nervous system	2,855	1,598	1,257	37	25	12
Malignant neoplasm of lymphoid, hematopoietic and related tissue	11,101	6,332	4,768	240	114	125
Hodgkin's disease	216	127	89	0†	*	0
Non-Hodgkin's lymphoma	4,252	2,339	1,912	82	37	44
Leukemia	4,408	2,586	1,822	81	38	43
Multiple myeloma and immunoproliferative neoplasms	2,218	1,277	941	75	37	38
Other and unspecified malignant neoplasms of lymphoid tissue	10†	*	*	0	0	0
All other and unspecified malignant neoplasms	12,245	6,767	5,478	383	162	221

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 All race/ethnic groups combined.

5.19
UNINTENTIONAL INJURY DEATHS BY MECHANISM AND GENDER AMONG AMERICAN INDIANS AND
ALL RESIDENTS^a OF ARIZONA, 2002-2012

	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Unintentional injury, total	31,545	19,929	11,612	2,978	2,125	853
Railway accidents	105	89	16	41	34	7
Motor vehicle -related	10,532	7,317	3,215	1,627	1,119	508
Water transport accident	31	23	8	0†	*	0
Accident involving aircraft	234	195	39	0†	*	0
Poisoning by drugs/ medicaments	7,166	4,672	2,494	275	191	84
Poisoning by gases and vapors	584	452	132	195	159	36
Falls	7,390	3,460	3,929	254	148	106
Fire, flames, smoke	430	270	160	37	29	8
Excessive natural heat	526	388	138	39	31	8
Excessive natural cold	218	181	37	128	113	15
Contact with venomous snakes and lizards	10†	7	*	0†	*	0
Contact with venomous spiders	0†	*	*	0	0	0
Contact with scorpions	0†	*	0	0	0	0
Contact with hornets, wasps, bees	10†	*	*	0	0	0
Bitten or struck by dog	15	6	9	0†	*	0
Lightning	10†	11	*	0†	*	0
Storms and floods	10†	6	*	0†	*	0
Accidental drowning and submersion	943	708	234	81	69	12
Choked on food	368	203	165	22	15	7
Choked on other objects	581	317	264	35	21	14
Mechanical suffocation	306	226	80	45	38	7
Accidental discharge of firearms	1,032	865	167	53	47	6
Exposure to electric current	66	66	0	0†	*	0
Overexertion	10†	*	*	0†	*	0
Adverse effects of drugs in therapeutic use	101	40	61	10†	*	*
Misadventures to patients during medical/surgical care	447	214	233	23	8	15

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 All race/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

Medical risk factors for this pregnancy

Anemia - Hemoglobin level of less than 10.0 g/dL during pregnancy, or hematocrit of less than 30 percent during pregnancy.

Cardiac disease - Disease of the heart.

Acute or chronic lung disease - Disease of the lungs during pregnancy.

Diabetes - Metabolic disorder characterized by excessive discharge of urine and persistent thirst; includes juvenile onset, adult onset, and gestational diabetes during pregnancy.

Genital herpes - Infection of the skin of the genital area by herpes simplex virus.

Hydramnios/Oligohydramnios - Any noticeable excess (hydramnios) or lack (oligohydramnios) of amniotic fluid.

Hemoglobinopathy - A blood disorder caused by alteration in the genetically determined molecular structure of hemoglobin (for example, sickle cell anemia).

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

Hypertension, pregnancy-associated - 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.

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

Incompetent cervix - Characterized by painless dilation of the cervix in the second trimester or early in the third trimester of pregnancy, with premature expulsion of membranes though cervix and ballooning of the membranes into vagina, followed by rupture of the membrane and subsequent expulsion of the fetus.

Previous infant 4,000+ grams - The birthweight of a previous live-born child was over 4,000 grams (8lbs.14oz.).

Previous preterm or small-for-gestational-age-infant - Previous birth of an infant prior to term (before 37 completed weeks of gestation) or of an infant weighing less than the 10th percentile for gestational age using a standard weight for age chart.

Renal disease - Kidney disease.

Rh Sensitization - The process or state of becoming sensitized to the Rh factor as when an Rh-negative woman is pregnant with an Rh-positive fetus.

Uterine bleeding - Any clinically significant bleeding during the pregnancy taking into consideration the stage of pregnancy; any second or third trimester bleeding or third trimester bleeding of the uterus prior to the onset of labor.

Complications of labor and/or delivery

Febrile - A fever greater than 100 degrees F. or 38 degrees C. occurring during labor and/or delivery.

Meconium, moderate/heavy - Meconium consists of undigested debris from swallowed amniotic fluid, various products of secretion and shedding by the gastrointestinal tract, moderate to heavy amounts of meconium in the amniotic fluid noted during labor and/or delivery.

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

Abruptio placenta - Premature separation of normally implanted placenta from the uterus.

Placenta previa - Implantation of the placenta over or near the internal opening of the cervix.

Other excessive bleeding - The loss of significant amount of blood from conditions other than abruptio placenta or placenta previa.

Seizures during labor - Maternal seizures occurring during labor from any cause.

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

Prolonged labor (more than 20 hours) - Abnormally slow progress of labor lasting more than 20 hours.

Dysfunctional labor - Failure to progress in a normal pattern of labor.

Breech/Malpresentation - At birth, the presentation of the fetal buttocks, rather than the head or other malpresentation.

Cephalopelvic disproportion - The relationship of the size, presentation, and position of the fetal head to the maternal pelvis, which prevents dilation of the cervix and/or descent of the fetal head.

Cord prolapse - Premature expulsion of the umbilical cord in labor before the fetus is delivered.

Anesthetic complications - Any complication during labor and/or delivery brought on by an anesthetic agent or agents.

Fetal distress - Signs indicating fetal hypoxia (deficiency in amount of oxygen reaching fetal tissues).

Abnormal conditions of the newborn

Anemia - Hemoglobin level of less than 13.0 g/dL, or a hematocrit of less than 39 percent.

Birth injury - Impairment of the infant's body function or structure due to adverse influences that occurred at birth.

Fetal alcohol syndrome - A syndrome of altered prenatal growth and development occurring in infants born of women who consumed excessive amounts of alcohol during pregnancy.

Hyaline membrane disease/RDS - A disorder primarily of prematurity, manifested clinically by respiratory distress and pathologically by pulmonary hyaline membranes and incomplete expansion of the lungs at birth.

Meconium aspiration syndrome - Aspiration of meconium by the fetus or newborn, affecting the lower respiratory system.

Assisted ventilation (less than 30 minutes) - A mechanical method of assisting respiration for newborns with respiratory failure.

Assisted ventilation (30 minutes or more) - Newborn placed on assisted ventilation for 30 minutes or longer.

Seizures - A seizure of any etiology.

Congenital anomalies of child

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.

Hydrocephalus - Excessive accumulation of cerebrospinal fluid within the ventricles of the brain with consequent enlargement of cranium.

Microcephalus - A significantly small head.

Other central nervous system anomalies - Other specified anomalies of the brain, spinal cord, and nervous system.

Heart malformations - Congenital anomalies of heart.

Other circulatory/respiratory anomalies - Other specified anomalies of the circulatory and respiratory systems.

Rectal atresia/stenosis – Congenital absence, closure, or narrowing of the rectum.

Tracheo-esophageal fistula/Esophageal atresia – An abnormal passage between the trachea and the esophagus; esophageal atresia is the congenital absence or closure of the esophagus.

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.

Other gastrointestinal anomalies – Other specified congenital anomalies of the gastrointestinal system.

Malformed genitalia – Congenital anomalies of the reproductive organs.

Renal agenesis – One or both kidneys are completely absent.

Other urogenital anomalies – Other specified congenital anomalies of the organs concerned in the production and excretion of the urine, together with organs of reproduction.

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).

Other chromosomal anomalies – All other chromosomal aberrations.

Polydactyly/Syndactyly/Adactyly– Polydactyly is the presence of more than five digits on either hands and/or feet; syndactyly is having fused or webbed fingers and/or toes; adactyly is the absence of fingers and/or toes.

Club foot – Deformities of the foot, which is twisted out of shape or position.

Diaphragmatic hernia – Herniation of the abdominal contents through the diaphragm into the thoracic cavity usually resulting in respiratory distress.

Other musculoskeletal/integumental anomalies – Other specified congenital anomalies of the muscles, skeleton, or skin.

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	2012 population of American Indians	2012 deaths among American Indians	Age-specific rates for American Indians in 2012	2000 standard	Age-adjusted rate for American Indians In 2012
A	B	C	D (C/B)*100000	E	F D*E
<1	5,736	41	714.8	.013818	9.9
1-4	22,305	17	76.2	.055317	4.2
5-14	54,369	27	49.7	.145565	7.2
15-24	56,215	92	163.7	.138646	22.7
25-34	45,369	157	346.1	.135573	46.9
35-44	37,203	171	459.6	.162613	74.7
45-54	36,357	263	723.4	.134834	97.5
55-64	25,441	281	1104.5	.087247	96.4
65-74	13,546	263	1941.5	.066037	128.2
75-84	6,421	282	4391.7	.044842	196.9
85+	2,066	212	10259.4	.015508	159.1
	305,029	1806			
				TOTAL	Σ 843.8

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.

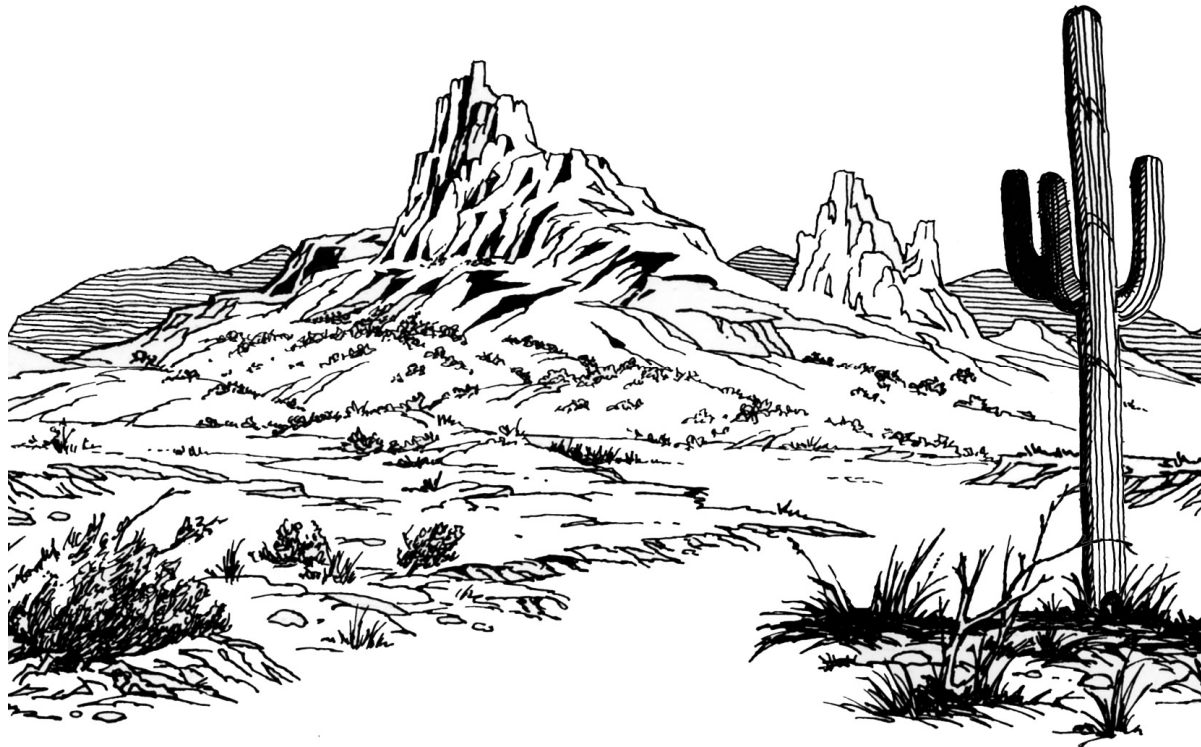
Cause-specific mortality - Number of deaths from a specified cause during a calendar year.

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 2012 report is made available as a mobile-friendly e-book (<http://azdhs.gov/plan/epub/rotated-document-layout/>). 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
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