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HEALTH STATUS PROFILE OF AMERICAN INDIANS IN ARIZONA: 2013 DATA BOOK

by

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INTRODUCTION

The report *Health Status Profile of American Indians in Arizona: 2013 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 2013.

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 2013 *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 2013 on 69 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 2003-2013 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 2013. 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.

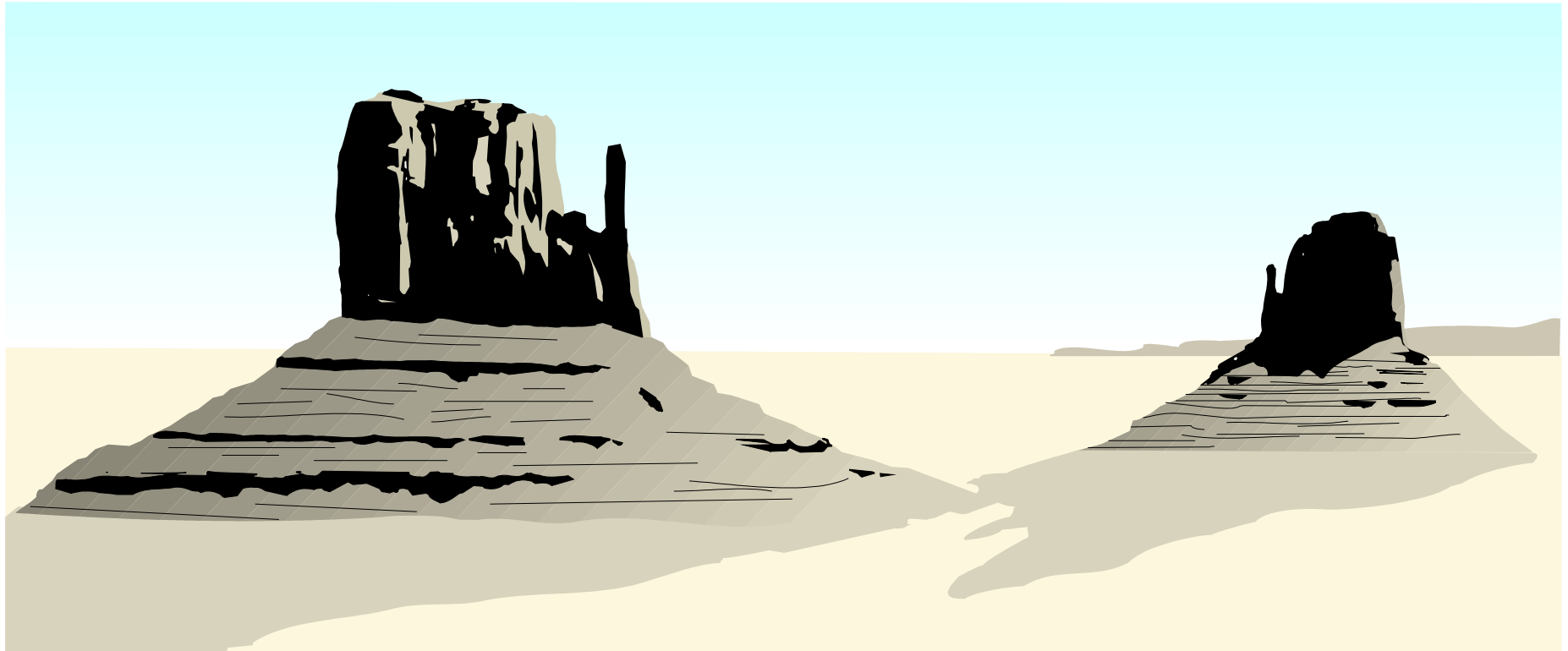
These sections are followed by the **Technical Notes**, which provide information about the sources of data and definitions of terms used in the report. The causes of death for 2003-2013 are classified by the Tenth Revision (ICD-10).

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 2013 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: 2013 Data Book* includes tables where small cells and related totals are suppressed. Using suppression rules similar to those used by the National Center for Health Statistics (NCHS), this report now attempts to maintain the anonymity of the individuals whose vital records are summarized herein. In cell suppression, the first task is primary suppression, or removing non-zero counts in the body of a table that fall below a certain number. Primary cells that were less than six but greater than zero were suppressed and identified with an asterisk (*). Next, secondary suppression is used to obfuscate the totals or sums with components, or addends that fall below the threshold for primary suppression. These totals are typically reported in the margins of table rows and columns. Column or row totals that contained a non-zero addend less than 6 were rounded to the nearest tens-unit and identified with a dagger (†). In certain cases where these rules would have dictated the rounding of a row or column total but the value of the information contained in the total was identified as important or attainable from other sources, these rules were relaxed and the original value was reported.

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

The online versions of the report for 1998–2013 are available at <http://www.azdhs.gov/plan/>



I.

RISK PROFILE OF AMERICAN INDIANS IN ARIZONA:

AN OVERVIEW OF SELECTED HEALTH PROBLEMS AND HEALTH RISKS AMONG AMERICAN INDIANS AND ALL RESIDENTS OF THE STATE IN 2013

The risk profile presented on the following page summarizes how American Indians as a group compared in 2013 to the state average on 69 measures of health status. The 69 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 69 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 2013, AMERICAN INDIAN RESIDENTS OF ARIZONA:

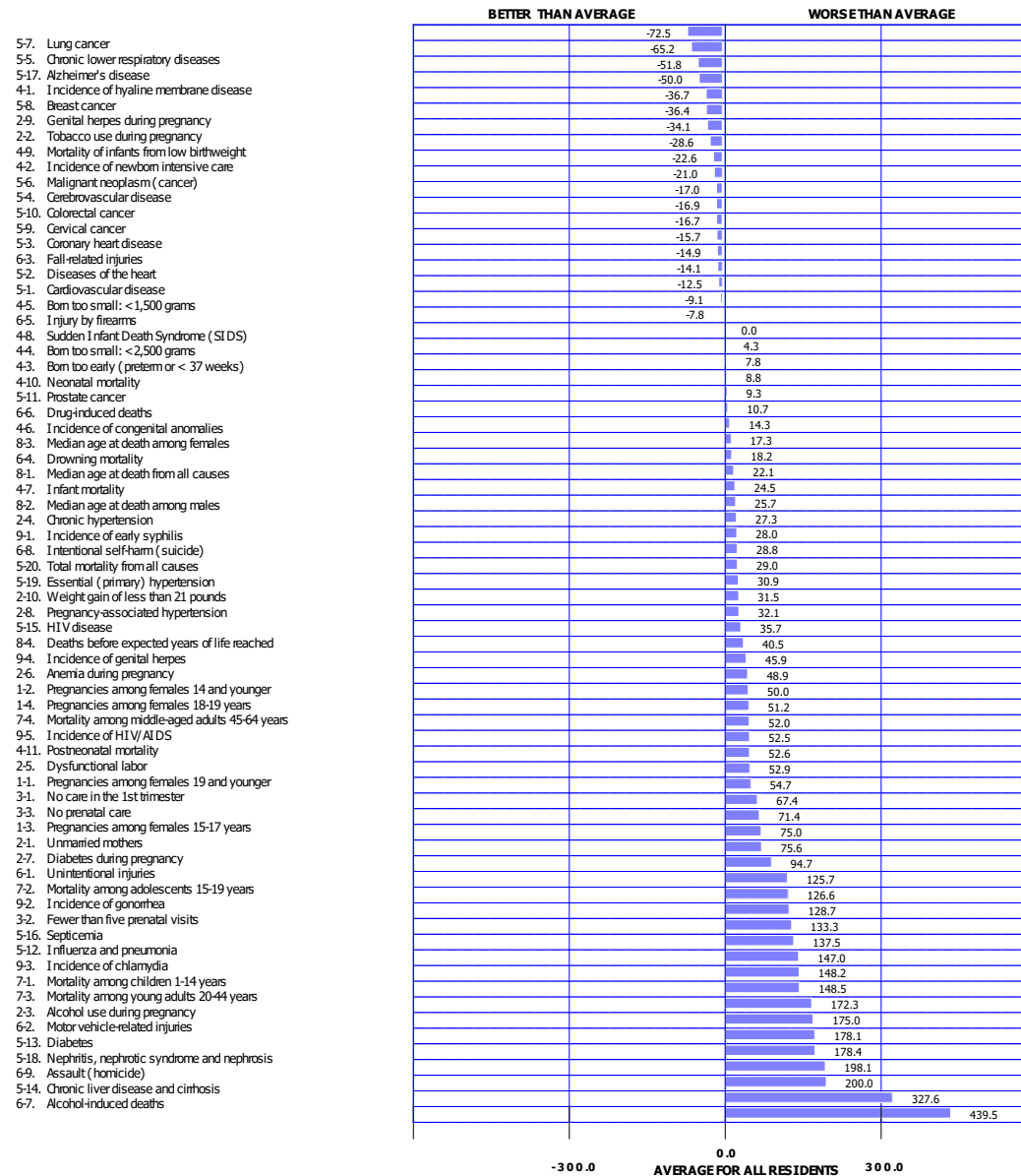
- ranked worse than the statewide average on 49 of 69 health indicators;
- had high mortality from alcohol-induced causes, chronic liver disease and cirrhosis, assault, nephritis, diabetes, motor vehicle accidents, influenza and pneumonia, septicemia, and mortality from unintentional injuries: all contributing 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: mortality rates for several chronic diseases (lung cancer, breast cancer, colorectal cancer, cervical cancer, all malignant neoplasms, chronic lower respiratory diseases, Alzheimer’s disease, cerebrovascular disease, coronary heart disease, heart disease, cardiovascular disease), fall-related injuries, injury by firearms, incidence of hyaline membrane disease, incidence of newborn intensive care, low birth weight (born too small <1,500 grams), mortality of infants due to low birthweight, tobacco use during pregnancy, and genital herpes during pregnancy.

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

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

2013 RISK PROFILE OF AMERICAN INDIANS

(Percent above or below the average rate or ratio of all Arizona residents in 2013)



**AMERICAN INDIANS' STANDING IN ARIZONA IN 2013
ON 69 INDICATORS OF HEALTH STATUS**

1. TEEN PREGNANCIES

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

Figure Number	Indicator	2013 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2013	Definitions
1-1	Pregnancies among females 19 and younger	29.7	54.7	19.2	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	0.6	50.0	0.4	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	31.5	75.0	18.0	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	98.0	51.2	64.8	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	2013 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2013	Definitions
2-1	Unmarried mothers	79.2	75.6	45.1	The number of births to unmarried mothers per 100 births.
2-2	Tobacco use during pregnancy	2.9	-34.1	4.4	The number of mothers giving birth who self-reported tobacco use during pregnancy per 100 births.
2-3	Alcohol use during pregnancy	1.1	175.0	0.4	The number of mothers giving birth who self-reported alcohol use during pregnancy per 100 births.
2-4	Chronic hypertension	1.4	27.3	1.1	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	2.6	52.9	1.7	Failure to progress in a normal pattern of labor (the number of cases per 100 births).
2-6	Anemia during pregnancy	7.0	48.9	4.7	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	11.1	94.7	5.7	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	7.4	32.1	5.6	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	0.7	-36.4	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	36.3	31.5	27.6	The number of women giving birth who gained less than 21 pounds per 100 births.

**AMERICAN INDIANS' STANDING IN ARIZONA IN 2013
ON 69 INDICATORS OF HEALTH STATUS (continued)**

3. UTILIZATION OF PRENATAL CARE SERVICES

(Per 100 live births)

Figure Number	Indicator	2013 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2013	Definitions
3-1	No care in the 1 st trimester	31.3	67.4	18.7	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	11.9	133.3	5.1	The number of mothers giving birth who had fewer than five prenatal visits during pregnancy per 100 births.
3-3	No prenatal care	2.4	71.4	1.4	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	2013 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2013	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	4.1	-22.6	5.3	The number of babies admitted to Newborn Intensive Care units per 100 births.
4-3	Born too early (preterm or < 37 weeks)	9.7	7.8	9.0	The number of births before 37 weeks of gestation per 100 births. Preterm is any neonate whose birth occurs through the end of the last day of the 37 th week (259 th day), following onset of the last menstrual period.
4-4	Born too small: low-birthweight (<2,500 grams)	7.2	4.3	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)	1.0	-9.1	1.1	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)	0.8	14.3	0.7	The numbers of babies born with birth defects per 100 births.
4-7	Infant mortality	6.6	24.5	5.3	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)	0.2	0.0	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	0.5	-28.6	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	3.7	8.8	3.4	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	2.9	52.6	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 2013
ON 69 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	2013 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2013	Definitions
5-1	Cardiovascular disease	164.2	-12.5	187.7	The number of deaths from cardiovascular diseases (ICD-10 codes I00-I78) per 100,000 age-adjusted population.
5-2	Diseases of the heart	122.9	-14.1	143.0	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	92.7	-15.7	110.0	The number of deaths from coronary heart disease (ICD-10 codes I200-I259) per 100,000 age-adjusted population.
5-4	Cerebrovascular disease	23.4	-17.0	28.2	The number of deaths from cerebrovascular disease (ICD-10 codes I60-I69) per 100,000 age-adjusted population.
5-5	Chronic lower respiratory diseases	15.5	-65.2	44.5	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)	118.2	-21.0	149.6	The number of deaths from cancer (ICD-10 codes C00-C97) per 100,000 age-adjusted population.
5-7	Lung cancer	10.0	-72.5	36.4	The number of deaths from lung cancer (ICD-10 codes C33-C34) per 100,000 age-adjusted population.
5-8	Breast cancer	13.1	-36.7	20.7	The number of deaths from breast cancer (ICD-10 code C50) per 100,000 age-adjusted female population.
5-9	Cervical cancer	2.0	-16.7	2.4	The number of deaths from cervical cancer (ICD-10 code C53) per 100,000 age-adjusted female population.
5-10	Colorectal cancer	11.3	-16.9	13.6	The number of deaths from colorectal cancer (ICD-10 codes C18-C21) per 100,000 age-adjusted population.
5-11	Prostate cancer	19.9	9.3	18.2	The number of deaths from prostate cancer (ICD-10 code C61) per 100,000 age-adjusted male population.
5-12	Influenza and pneumonia	24.7	147.0	10.0	The number of deaths from influenza and pneumonia (ICD-10 codes J10-J18) per 100,000 age-adjusted population.
5-13	Diabetes	65.7	178.4	23.6	The number of deaths from diabetes (ICD-10 codes E10-E14) per 100,000 age-adjusted population.
5-14	Chronic liver disease and cirrhosis	62.0	327.6	14.5	The number of deaths from chronic liver disease and cirrhosis (ICD-10 codes K70, K73-K74) per 100,000 age-adjusted population.
5-15	HIV disease	1.9	35.7	1.4	The number of deaths from HIV disease (ICD-10 codes B20-B24) per 100,000 age-adjusted population.
5-16	Septicemia	11.4	137.5	4.8	The number of deaths from septicemia (ICD-10 codes A40-A41) per 100,000 age-adjusted population.
5-17	Alzheimer's disease	16.0	-51.8	33.2	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)	15.8	198.1	5.3	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	12.7	30.9	9.7	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	887.0	29.0	687.8	Total number of deaths from all causes per 100,000 age-adjusted population.

**AMERICAN INDIANS' STANDING IN ARIZONA IN 2013
ON 69 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	2013 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2013	Definitions
6-1	Unintentional injuries	104.5	125.7	46.3	The number of deaths from unintentional injuries in accidents (ICD-10 codes V01–X59, Y85–Y86) per 100,000 age-adjusted population.
6-2	Motor vehicle-related injuries	31.7	178.1	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	10.3	-14.9	12.1	The number of deaths from fall-related injuries (ICD-10 codes W00–W19) per 100,000 age-adjusted population.
6-4	Drowning mortality	1.3	18.2	1.1	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	13.0	-7.8	14.1	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	18.7	10.7	16.9	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	84.7	439.5	15.7	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)	21.9	28.8	17.0	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)	17.7	200.0	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 2013
ON 69 INDICATORS OF HEALTH STATUS (continued)**

7. PREMATURE MORTALITY

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

Figure Number	Indicator	2013 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2013	Definitions
7-1	Mortality of children 1-14 years old	49.2	148.5	19.8	The number of deaths per 100,000 children 1-14 years old.
7-2	Mortality of adolescents 15-19 years old	103.1	126.6	45.5	The number of deaths per 100,000 adolescents 15-19 years old.
7-3	Mortality of young adults 20-44 years old	390.8	172.3	143.5	The number of deaths per 100,000 young adults 20-44 years old.
7-4	Mortality of middle-aged adults 45-64 years old	943.5	52.0	620.7	The number of deaths per 100,000 middle-aged adults 45-64 years old.

8. AGE-SPECIFIC MORTALITY

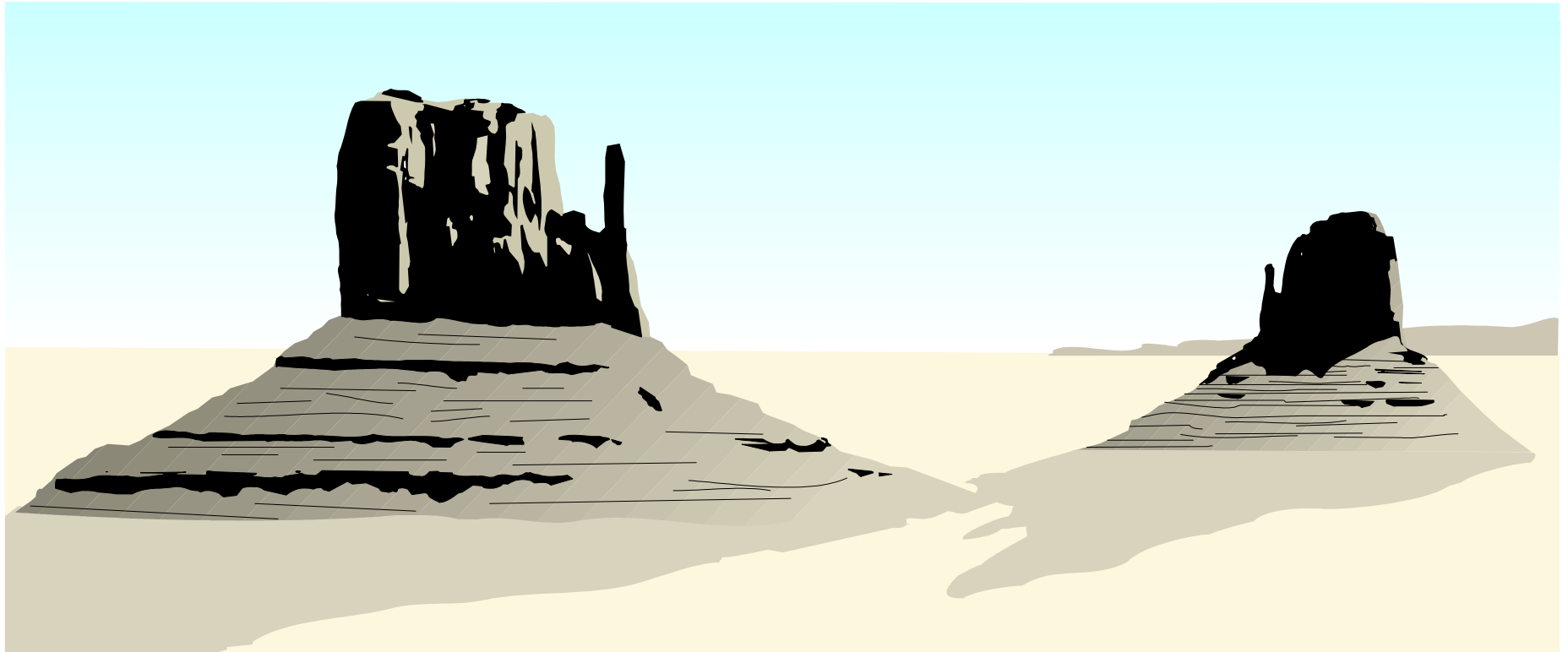
Figure Number	Indicator	2013 rate for American Indians	Percent above or below the average for all groups*	Average rate for all groups in 2013	Definitions
8-1	Median age at death from all causes	60.0	22.1	77.0	The median age (the age in the middle) of Arizonans who died in 2013.
8-2	Median age at death from all causes among males	55.0	25.7	74.0	The median age (the age in the middle) of Arizona males who died in 2013.
8-3	Median age at death from all causes among females	67.0	17.3	81.0	The median age (the age in the middle) of Arizona females who died in 2013.
8-4	Percent of total deaths before expected years of life reached	76.7	40.5	54.6	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	2013 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2013	Definitions
9-1	Incidence of early syphilis	9.6	28.0	7.5	Number of reported cases of early syphilis per 100,000 population.
9-2	Incidence of gonorrhea	224.6	128.7	98.2	Number of reported cases of gonorrhea per 100,000 population.
9-3	Incidence of chlamydia	1158.2	148.2	466.6	Number of reported cases of chlamydia per 100,000 population.
9-4	Incidence of HIV/AIDS	16.2	45.9	11.1	Number of reported cases of HIV/AIDS per 100,000 population.



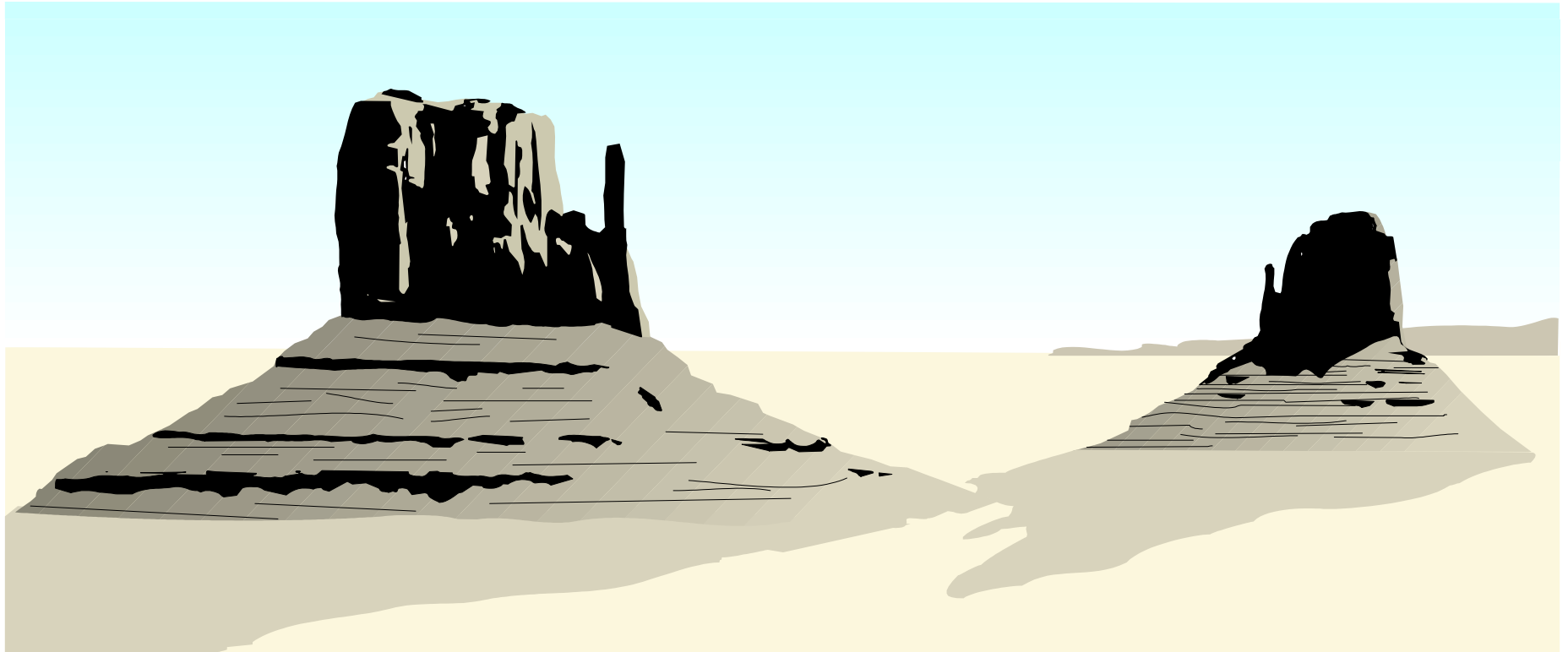
II.

COMPARISON OF AMERICAN INDIANS' STANDING IN ARIZONA WITH RESPECT TO SELECTED HEALTH OBJECTIVES FOR THE YEAR 2013

**COMPARISON OF AMERICAN INDIANS' STANDING IN ARIZONA WITH RESPECT TO
SELECTED HEALTH OBJECTIVES FOR THE YEAR 2013**

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	Year										
				2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
2.1	Percent of American Indian women giving birth who received early prenatal care	90.0	77.9	68.8	69.0	67.9	65.9	65.9	65.1	66.0	69.4	68.6	68.2	68.7
2.2	Number of infant deaths per 1,000 American Indian live births (6 per 1,000)	6.0	6.0	7.5	7.2	8.3	6.4	8.1	8.2	8.4	8.1	7.4	7.4	6.6
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	4.4	3.8	4.0	2.4	3.9	3.6	4.2	4.3	4.1	3.6	2.9
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	108.6	103.9	117.8	97.2	95.0	92.6	92.6	99.2	100.6	94.8	104.5
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	59.0	54.1	62.6	56.9	49.0	41.9	36.9	41.7	44.2	37.8	31.7
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	15.2	17.0	17.5	13.7	9.8	13.5	15.9	18.7	14.9	17.9	21.9
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	18.8	14.7	14.0	13.2	13.1	12.8	13.2	18.0	11.9	17.3	17.7
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	118.7	125.4	138.9	100.2	107.2	108.1	111.4	130.4	105.3	155.7	146.4
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	38.8	51.0	51.2	43.6	36.8	40.7	54.0	64.6	43.6	59.2	62.0
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	4.2	2.0	3.4	5.8	2.3	4.8	4.1	3.0	3.1	2.8	2.0

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



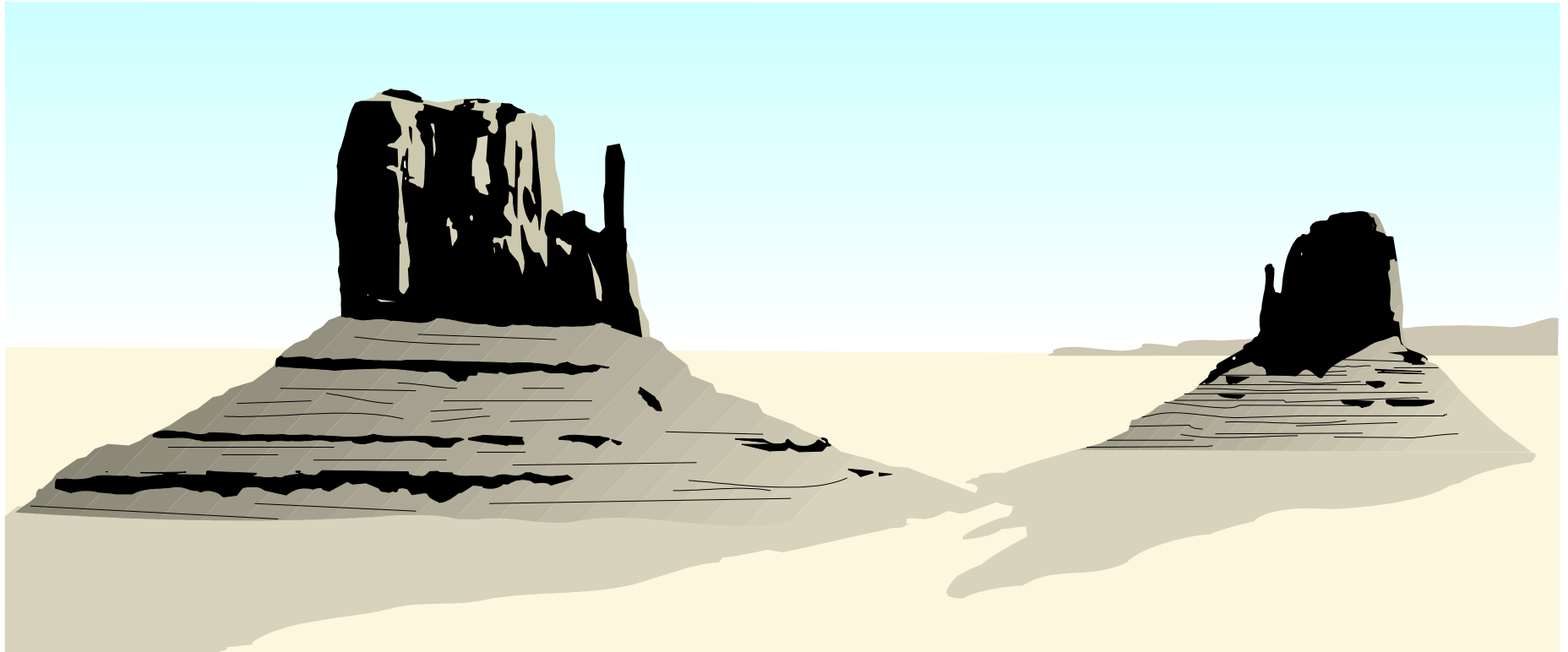
III.

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

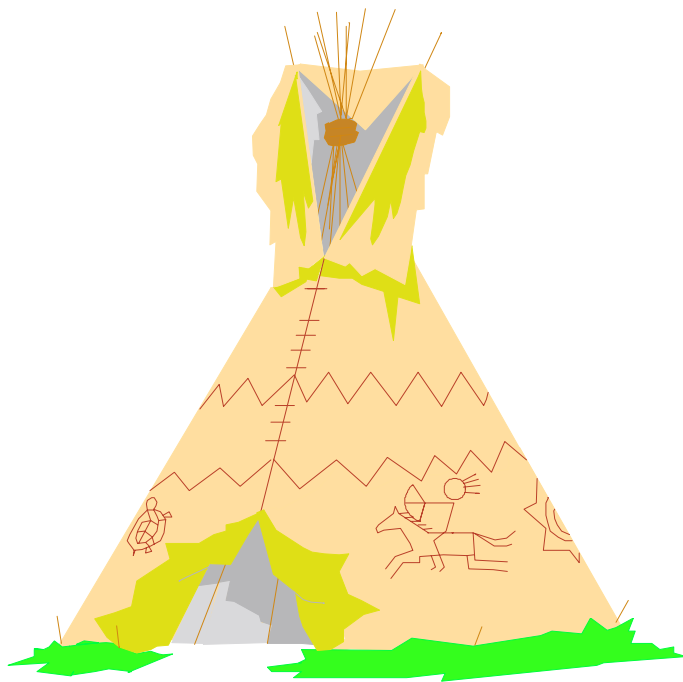
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Median Age at Death from all Causes											
All Arizonans	76.0	76.0	77.0	76.0	76.0	77.0	76.0	77.0	77.0	77.0	77.0
American Indians	56.0	58.0	59.0	57.0	59.0	59.0	59.0	58.0	60.0	59.0	60.0
Births to Unmarried Mothers^a											
All Arizonans	41.2	41.9	42.8	43.9	45.0	45.1	45.2	44.7	44.3	45.2	45.1
American Indians	72.4	73.1	72.9	74.8	75.9	75.8	76.9	77.7	77.1	78.5	79.2
Incidence of Gonorrhea^b											
All Arizonans	63.5	70.1	81.9	95.3	78.7	52.8	49.3	50.8	71.4	89.4	98.2
American Indians	103.1	142.7	142.6	125.7	94.4	73.3	50.0	85.1	162.8	185.7	224.6
Low-Birthweight Births^a											
All Arizonans	7.1	7.2	6.9	7.1	7.1	7.1	7.1	7.1	7.0	6.9	6.9
American Indians	6.8	7.2	7.3	7.4	6.6	6.7	6.4	7.0	6.9	6.7	7.2
Fetal Alcohol Syndrome^c											
All Arizonans	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
American Indians	0.0	0.5	0.2	0.6	0.2	0.0	0.5	0.3	0.0	0.2	0.0
Births to Teenage Mothers^a											
All Arizonans	12.9	12.7	12.5	12.7	12.6	12.3	11.8	10.8	9.9	9.5	8.5
American Indians	19.4	18.7	19.1	19.1	20.1	18.6	19.0	17.0	16.9	16.0	14.2
Birth Defects (Congenital Anomalies)^a											
All Arizonans	1.0	1.0	1.0	0.9	0.8	0.9	0.6	0.6	1.1	0.8	0.7
American Indians	1.3	1.6	1.5	1.2	1.4	0.9	0.8	0.6	1.4	0.9	0.8
Pregnancy-associated Hypertension^c											
All Arizonans	28.0	28.8	30.9	28.8	31.0	35.3	36.1	39.1	41.9	45.2	55.8
American Indians	57.1	54.4	58.2	58.8	57.9	58.9	55.4	61.2	62.8	64.6	74.1
Anemia during Pregnancy^c											
All Arizonans	20.2	21.7	20.4	19.5	29.8	39.5	35.7	38.2	36.1	44.5	47.3
American Indians	54.8	54.6	56.1	66.2	67.6	72.5	71.8	59.5	59.9	80.8	70.5
Diabetes during Pregnancy^c											
All Arizonans	21.4	24.5	29.7	31.6	34.3	38.9	38.7	41.8	46.4	51.2	57.2
American Indians	60.0	75.7	82.5	72.0	80.4	82.0	82.2	77.9	93.3	99.3	111.4

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 2013



SOCIODEMOGRAPHIC CHARACTERISTICS

**4.1
MATERNAL AGE (2013 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		5,480†	10†	240†	520†	1,780†	1,470†	920†	420†	100†	10†
Resided on reservation	Ak-Chin Indian Community	20†	0	*	*	*	7	*	*	0	0
	Cocopah Tribe	20†	0	*	*	7	*	0	*	0	0
	Colorado River Indian Tribe	60†	0	*	7	18	14	11	*	*	0
	Fort McDowell Yavapai Nation Reservation	20†	0	*	*	6	7	*	0	0	0
	Fort Mohave Indian Tribe	10†	0	0	0	*	*	*	*	0	0
	Gila River Indian Community	60†	0	*	7	24	17	6	*	0	0
	Havasupai Tribe	10†	0	0	*	*	*	*	*	0	0
	Hopi Tribe	170†	0	7	17	64	32	29	14	*	*
	Hualapai Tribe	30†	0	*	*	*	7	8	*	*	0
	Navajo Nation	1,330†	*	62	117	409	358	216	127	37	*
	Pascua Yaqui Tribe	70†	0	6	12	20	17	7	*	0	0
	Salt River Pima-Maricopa Indian Community	100†	*	8	14	36	20	15	*	*	0
	San Carlos Apache Tribe	290†	*	27	37	100	68	39	12	0	*
	San Xavier	20†	*	*	*	*	*	*	*	*	0
	Tohono O'Odham Nation	140†	0	13	14	49	31	24	9	*	0
	White Mountain Apache Tribe	280†	*	14	35	102	74	38	11	*	*
	Yavapai-Apache Nation	20†	0	*	*	10	*	*	0	0	0
	Yavapai-Prescott Indian Tribe	0†	0	0	0	*	0	*	*	*	0
		TOTAL	2,630†	10†	150†	280†	870†	670†	410†	200†	50†
Resided off reservation	---in Maricopa County	1,560†	0	48	131	501	432	299	117	25	*
	---in Pima County	310†	0	10	29	94	94	51	21	7	*
	---in Coconino County	220†	0	7	17	58	59	49	22	*	0
	---elsewhere in Arizona	760†	0	27	70	260	217	117	63	8	*
		TOTAL	2,844	0	92	247	913	802	516	223	50†

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 (2013 STATUS)

		TOTAL BIRTHS	Mother's education						Un-known
			< 8	8	9-11	12	13-16	17+	
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,480†	30†	100†	1,220†	2,290†	1,660†	150†	30†
Resided on reservation	Ak-Chin Indian Community	20†	0	0	10	8	*	0	0
	Cocopah Tribe	20†	*	0	10	8	0	0	0
	Colorado River Indian Tribe	57	0	0	15	28	14	0	0
	Fort McDowell Yavapai Nation Reservation	20†	0	*	*	14	*	0	0
	Fort Mohave Indian Tribe	10†	0	0	*	*	0	0	0
	Gila River Indian Community	60†	*	6	18	22	12	*	0
	Havasupai Tribe	10†	0	0	6	*	0	0	0
	Hopi Tribe	170†	0	0	27	93	46	*	0
	Hualapai Tribe	30†	0	*	9	12	*	0	0
	Navajo Nation	1,330†	*	13	207	575	491	36	6
	Pascua Yaqui Tribe	70†	*	*	20	29	14	0	0
	Salt River Pima-Maricopa Indian Community	100†	0	*	43	44	10	0	*
	San Carlos Apache Tribe	290†	*	8	98	125	47	*	*
	San Xavier	20†	0	*	*	11	*	0	0
	Tohono O'Odham Nation	140†	*	*	50	66	21	*	*
	White Mountain Apache Tribe	280†	*	*	86	136	49	*	0
	Yavapai-Apache Nation	20†	0	*	6	8	*	0	0
	Yavapai-Prescott Indian Tribe	0†	0	0	*	*	*	0	0
	TOTAL	2,630†	10†	40†	620†	1,190†	720†	40†	10†
Resided off reservation	---in Maricopa County	1,557	8	29	295	560	581	73	11
	---in Pima County	310†	0	*	82	121	83	16	0
	---in Coconino County	220†	*	*	32	100	71	7	*
	---elsewhere in Arizona	763	7	23	191	324	203	13	*
		TOTAL	2,844	20†	60†	600	1,105	938	109

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 (2013 STATUS)**

		TOTAL BIRTHS	Marital status		
			Married	Unmarried	Other
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,480†	1,080†	4,340†	60†
Resided on reservation	Ak-Chin Indian Community	20	9	11	0
	Cocopah Tribe	20†	*	17	0
	Colorado River Indian Tribe	60†	8	47	*
	Fort McDowell Yavapai Nation Reservation	20†	*	17	0
	Fort Mohave Indian Tribe	10†	*	*	0
	Gila River Indian Community	60†	8	51	*
	Havasupai Tribe	9	0	9	0
	Hopi Tribe	170†	22	144	*
	Hualapai Tribe	27	8	19	0
	Navajo Nation	1,331	212	1,104	15
	Pascua Yaqui Tribe	70†	*	59	*
	Salt River Pima-Maricopa Indian Community	100	11	89	0
	San Carlos Apache Tribe	290†	60	225	*
	San Xavier	20†	*	16	*
	Tohono O'Odham Nation	144	11	133	0
	White Mountain Apache Tribe	280†	60	216	*
	Yavapai-Apache Nation	20†	*	16	0
	Yavapai-Prescott Indian Tribe	0†	0	*	0
	TOTAL	2,630†	420†	2,180†	30†
	Resided off reservation	---in Maricopa County	1,557	377	1,158
---in Pima County		310†	53	251	*
---in Coconino County		220†	61	154	*
---elsewhere in Arizona		763	161	592	10
TOTAL		2,844	652	2,155	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.

4.4
RACE/ETHNICITY OF FATHER (2013 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		5,480†	430†	650†	150†	3,100†	40†	1,100†
Resided on reservation	Ak-Chin Indian Community	20†	*	*	*	13	0	*
	Cocopah Tribe	20†	*	*	0	10	0	*
	Colorado River Indian Tribe	60†	6	7	*	24	*	18
	Fort McDowell Yavapai Nation Reservation	20†	0	*	*	10	0	8
	Fort Mohave Indian Tribe	10†	0	*	0	*	0	0
	Gila River Indian Community	60†	*	7	0	31	0	21
	Havasupai Tribe	10†	0	*	0	*	0	*
	Hopi Tribe	170†	*	*	0	132	0	29
	Hualapai Tribe	30†	*	0	*	18	0	6
	Navajo Nation	1,330†	27	16	*	1,063	*	218
	Pascua Yaqui Tribe	70†	*	8	*	39	0	15
	Salt River Pima-Maricopa Indian Community	100†	*	7	*	62	0	28
	San Carlos Apache Tribe	290†	*	*	*	202	*	77
	San Xavier	20†	0	*	0	11	0	7
	Tohono O'Odham Nation	140†	*	0	0	99	0	44
	White Mountain Apache Tribe	280†	*	*	*	224	0	48
	Yavapai-Apache Nation	20†	0	*	0	7	0	*
	Yavapai-Prescott Indian Tribe	0†	0	*	0	0	0	*
	TOTAL	2,630†	50†	70†	10†	1,950†	10†	540†
Resided off reservation	---in Maricopa County	1,557	232	352	106	535	29	303
	---in Pima County	310†	36	90	9	101	*	70
	---in Coconino County	220†	38	12	*	135	*	28
	---elsewhere in Arizona	763	71	128	21	376	7	160
		TOTAL	2,844	377	582	140†	1,147	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 (2013 STATUS)**

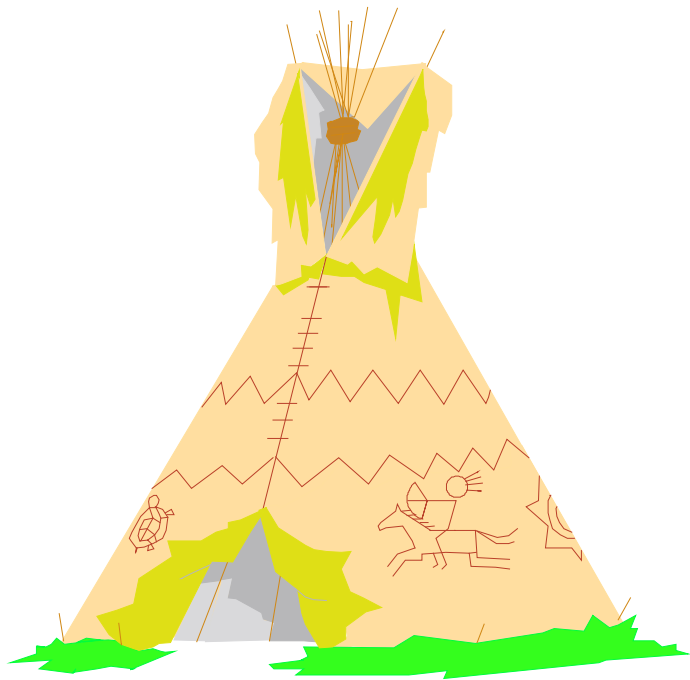
		TOTAL BIRTHS	Father's age group											
			<15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55+	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,480†	0	90†	300†	1,210†	1,170†	830†	460†	200†	80†	30†	20†	1,100†
Resided on reservation	Ak-Chin Indian Community	20†	0	0	*	6	*	*	0	*	0	0	0	*
	Cocopah Tribe	20†	0	0	*	7	*	*	*	0	0	0	0	*
	Colorado River Indian Tribe	60†	0	0	*	9	12	9	*	0	*	0	*	18
	Fort McDowell Yavapai Nation Reservation	20†	0	*	*	*	*	*	0	*	*	0	0	9
	Fort Mohave Indian Tribe	10†	0	0	0	*	*	*	0	*	0	0	0	0
	Gila River Indian Community	60†	0	*	*	19	9	6	*	0	0	0	0	21
	Havasupai Tribe	10†	0	0	0	*	*	*	*	0	0	0	0	*
	Hopi Tribe	170†	0	*	6	40	36	20	13	12	6	0	*	30
	Hualapai Tribe	30†	0	*	*	*	7	*	*	0	*	0	0	6
	Navajo Nation	1,330†	0	21	74	294	285	207	137	58	22	12	*	217
	Pascua Yaqui Tribe	70†	0	0	6	20	7	11	*	0	0	*	0	15
	Salt River Pima-Maricopa Indian Community	100†	0	8	6	21	16	12	6	*	*	*	0	28
	San Carlos Apache Tribe	290†	0	8	22	68	57	34	9	6	*	*	*	78
	San Xavier	20†	0	0	*	*	*	*	*	*	0	0	0	7
	Tohono O'Odham Nation	140†	0	7	8	26	23	10	16	6	*	*	0	44
	White Mountain Apache Tribe	280†	0	9	21	84	55	34	17	8	*	*	0	48
	Yavapai-Apache Nation	20†	0	0	*	*	*	*	0	0	0	0	0	*
	Yavapai-Prescott Indian Tribe	0†	0	0	0	0	*	0	*	0	0	*	0	*
TOTAL	2,630†	0	60†	160†	610†	530†	360†	220†	100†	40†	20†	10†	540†	
Resided off reservation	---in Maricopa County	1,560†	0	15	70	327	368	259	136	50	19	8	*	303
	---in Pima County	310†	0	*	15	59	69	49	20	10	*	*	*	71
	---in Coconino County	220†	0	*	8	35	50	52	29	14	*	0	0	26
	---elsewhere in Arizona	760†	0	6	44	174	155	113	58	29	19	*	*	159
	TOTAL	2,844	0	30†	137	595	642	473	243	103	40†	10†	10†	559

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 (2013 STATUS)

		TOTAL BIRTHS	Payee for births				
			AHCCCS ^a	IHS	Private insurance	Self	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,480†	3,750†	970†	700†	50†	10†
Resided on reservation	Ak-Chin Indian Community	20†	10	*	7	0	0
	Cocopah Tribe	20†	14	*	0	0	0
	Colorado River Indian Tribe	57	27	19	11	0	0
	Fort McDowell Yavapai Nation Reservation	20†	6	*	12	0	0
	Fort Mohave Indian Tribe	10†	*	*	*	0	0
	Gila River Indian Community	60†	41	12	*	*	0
	Havasupai Tribe	10†	*	6	0	*	0
	Hopi Tribe	168	108	50	9	0	*
	Hualapai Tribe	30†	*	16	6	0	0
	Navajo Nation	1,331	1,020	255	53	0	*
	Pascua Yaqui Tribe	65	49	16	0	0	0
	Salt River Pima-Maricopa Indian Community	100	72	16	12	0	0
	San Carlos Apache Tribe	290†	56	206	18	*	*
	San Xavier	20†	15	*	*	0	0
	Tohono O'Odham Nation	144	90	21	32	0	*
	White Mountain Apache Tribe	280†	258	8	11	*	0
	Yavapai-Apache Nation	20†	13	0	*	*	0
	Yavapai-Prescott Indian Tribe	0†	*	0	*	0	0
		TOTAL	2,630†	1,790†	640†	180†	10†
Resided off reservation	---in Maricopa County	1,557	1,058	167	308	22	*
	---in Pima County	310†	215	38	52	*	0
	---in Coconino County	217	160	25	32	0	0
	---elsewhere in Arizona	763	525	102	122	12	*
		TOTAL	2,844	1,958	332	514	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; ^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 (2013 STATUS)

		TOTAL BIRTHS	Weight gain						
			None	1-15 pounds	16-20 pounds	21-24 pounds	25-30 pounds	31+ pounds	Un-known
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,480†	120†	1,070†	800†	450†	1,130†	1,820†	90†
Resided on reservation	Ak-Chin Indian Community	20†	0	*	*	0	9	6	0
	Cocopah Tribe	20†	*	6	*	*	*	*	*
	Colorado River Indian Tribe	60†	0	35	*	0	*	14	*
	Fort McDowell Yavapai Nation Reservation	20†	0	0	*	*	*	11	*
	Fort Mohave Indian Tribe	10†	*	0	0	*	*	*	0
	Gila River Indian Community	60†	*	11	7	*	17	17	*
	Havasupai Tribe	10†	*	*	0	0	*	*	0
	Hopi Tribe	170†	*	42	26	16	33	45	*
	Hualapai Tribe	30†	*	*	6	*	9	6	0
	Navajo Nation	1,331	20	311	208	137	259	372	24
	Pascua Yaqui Tribe	70†	*	17	*	*	11	23	*
	Salt River Pima-Maricopa Indian Community	100†	*	16	14	6	16	38	6
	San Carlos Apache Tribe	290†	*	36	54	20	72	93	7
	San Xavier	20†	*	*	*	*	6	*	0
	Tohono O'Odham Nation	144	10	41	21	15	20	36	*
	White Mountain Apache Tribe	280†	*	47	38	24	57	108	*
	Yavapai-Apache Nation	20†	0	*	6	0	*	*	0
Yavapai-Prescott Indian Tribe	0†	0	*	0	*	*	*	0	
	TOTAL	2,630†	60†	580†	400†	230†	530†	790†	50†
Resided off reservation	---in Maricopa County	1,557	31	265	218	130	303	587	23
	---in Pima County	307	6	68	44	28	53	102	6
	---in Coconino County	220†	*	21	31	13	57	89	*
	---elsewhere in Arizona	763	18	134	108	47	189	261	6
		TOTAL	2,844	60†	488	401	218	602	1,039

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 (2013 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		5,480†	2,681	386	10†	56	610	40	95	0	76	406	60	10†	34	79	10†	0	18	1,826
Resided on reservation	Ak-Chin Indian Community	20	10†	*	0	0	*	0	*	0	*	*	*	0	0	*	0	0	0	9
	Cocopah Tribe	19	10†	0	0	0	*	0	*	0	0	0	0	0	0	0	0	0	0	6
	Colorado River Indian Tribe	57	20†	0	0	0	*	0	0	0	0	*	*	0	0	0	0	0	0	19
	Fort McDowell Yavapai Nation Reservation	21	10†	*	0	0	*	0	0	0	*	*	0	*	0	*	0	0	0	11
	Fort Mohave Indian Tribe	5	0†	0	0	0	*	0	0	0	0	0	0	0	0	*	0	0	0	*
	Gila River Indian Community	60	20†	0	0	0	10	0	*	0	*	*	*	0	0	0	0	0	0	11
	Havasupai Tribe	9	0†	0	0	0	*	0	0	0	0	*	0	0	0	0	0	0	0	0
	Hopi Tribe	168	70†	*	0	*	24	*	*	0	*	13	*	0	*	*	0	0	0	30
	Hualapai Tribe	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Navajo Nation	1,331	600†	80	*	6	122	9	28	0	19	94	*	*	12	17	*	0	7	387
	Pascua Yaqui Tribe	65	50†	*	0	0	*	0	0	0	*	*	0	0	0	0	0	0	0	52
	Salt River Pima-Maricopa Indian Community	100	80†	16	*	*	17	*	*	0	*	8	*	*	*	*	0	0	0	64
	San Carlos Apache Tribe	286	140†	15	0	*	23	*	*	0	*	28	*	*	*	*	0	0	0	96
	San Xavier	19	10†	0	0	0	*	0	*	0	*	*	0	0	0	0	0	0	0	12
	Tohono O'Odham Nation	144	110†	9	0	*	9	0	6	0	*	11	*	0	*	*	0	0	0	106
	White Mountain Apache Tribe	280	160†	16	0	*	16	0	*	0	*	33	*	0	*	15	0	0	*	115
	Yavapai-Apache Nation	17	0†	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	*
	Yavapai-Prescott Indian Tribe	4	0†	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	*
	TOTAL		2,630†	1,310†	150†	0†	20†	240†	10†	50†	0	40†	200†	30†	0†	20†	40†	0†	10†	920†
Resided off reservation	---in Maricopa County	1,557	780†	166	6	30	247	19	24	0	24	119	19	*	7	23	*	0	493	
	---in Pima County	307	220†	20	0	*	18	*	*	0	6	13	*	*	0	*	0	0	195	
	---in Coconino County	217	60†	*	0	0	19	0	*	0	*	19	*	0	*	*	0	0	23	
	---elsewhere in Arizona	763	320†	50	*	10	83	6	10	0	*	52	8	*	*	7	*	0	192	
	TOTAL		2,844	1,373	240†	10†	40†	367	30†	40†	0	40†	203	30†	0†	10†	40†	10†	0	903

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 (2013 STATUS)

		TOTAL BIRTHS	Substance use			
			Drinker, nonsmoker	Smoker, nondrinker	Smoker and drinker	Nonsmoker and nondrinker
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,480†	40†	130†	30†	5,280†
Resided on reservation	Ak-Chin Indian Community	20	0	0	0	20
	Cocopah Tribe	19	0	0	0	19
	Colorado River Indian Tribe	57	0	0	0	57
	Fort McDowell Yavapai Nation Reservation	21	0	0	0	21
	Fort Mohave Indian Tribe	10†	0	0	0	*
	Gila River Indian Community	60†	*	*	0	55
	Havasupai Tribe	10†	*	0	0	8
	Hopi Tribe	170†	*	0	*	166
	Hualapai Tribe	27	0	0	0	27
	Navajo Nation	1,330†	*	13	*	1,311
	Pascua Yaqui Tribe	70†	0	*	0	64
	Salt River Pima-Maricopa Indian Community	100†	*	*	0	92
	San Carlos Apache Tribe	290†	*	*	*	277
	San Xavier	19	0	0	0	19
	Tohono O'Odham Nation	140†	*	*	0	140
	White Mountain Apache Tribe	280†	8	9	*	259
	Yavapai-Apache Nation	17	0	0	0	17
	Yavapai-Prescott Indian Tribe	0†	0	0	0	*
	TOTAL	2,630†	20†	40†	10†	2,560†
	Resided off reservation	---in Maricopa County	1,557	10	61	9
---in Pima County		310†	*	11	*	293
---in Coconino County		220†	0	*	0	216
---elsewhere in Arizona		760†	*	22	*	733
TOTAL		2,844	20†	100†	10†	2,719

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 (2013 STATUS)

		TOTAL BIRTHS	Prenatal care				
			No care	1st trimester	2nd trimester	3rd trimester	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,480†	130†	3,760†	1,230†	340†	20†
Resided on reservation	Ak-Chin Indian Community	20†	0	17	*	*	0
	Cocopah Tribe	20†	*	7	9	*	0
	Colorado River Indian Tribe	60†	*	45	9	*	0
	Fort McDowell Yavapai Nation Reservation	20†	0	14	*	*	0
	Fort Mohave Indian Tribe	10†	0	*	*	0	0
	Gila River Indian Community	60†	*	48	7	*	0
	Havasupai Tribe	10†	0	7	*	*	0
	Hopi Tribe	168	7	104	47	10	0
	Hualapai Tribe	30†	0	24	*	0	0
	Navajo Nation	1,331	21	900	320	87	*
	Pascua Yaqui Tribe	70†	0	47	14	*	0
	Salt River Pima-Maricopa Indian Community	100†	*	57	30	10	0
	San Carlos Apache Tribe	286	19	143	92	29	*
	San Xavier	20†	*	8	9	*	0
	Tohono O'Odham Nation	140†	*	70	51	19	0
	White Mountain Apache Tribe	280†	*	183	74	18	*
	Yavapai-Apache Nation	20†	*	9	*	*	0
	Yavapai-Prescott Indian Tribe	0†	0	*	*	0	0
		TOTAL	2,630†	60†	1,690†	680†	190†
Resided off reservation	---in Maricopa County	1,557	38	1,154	282	77	6
	---in Pima County	307	9	189	82	25	*
	---in Coconino County	220†	*	167	38	8	0
	---elsewhere in Arizona	763	16	563	151	32	*
		TOTAL	2,844	70†	2,073	553	142

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 (2013 STATUS)**

		TOTAL BIRTHS	Prenatal visits					Unknown
			No visits	1-4 visits	5-8 visits	9-12 visits	13+ visits	
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,480†	130†	520†	1,310†	2,320†	1,170†	30†
Resided on reservation	Ak-Chin Indian Community	20†	0	*	*	12	*	0
	Cocopah Tribe	20†	*	*	10	*	*	0
	Colorado River Indian Tribe	60†	*	*	16	15	20	*
	Fort McDowell Yavapai Nation Reservation	20†	0	*	*	10	*	0
	Fort Mohave Indian Tribe	10†	0	*	*	*	*	0
	Gila River Indian Community	60†	*	6	9	34	9	0
	Havasupai Tribe	10†	0	*	*	*	0	0
	Hopi Tribe	168	7	13	45	64	39	0
	Hualapai Tribe	30†	0	6	7	11	*	0
	Navajo Nation	1,331	21	102	319	545	340	*
	Pascua Yaqui Tribe	70†	0	*	19	23	18	0
	Salt River Pima-Maricopa Indian Community	100†	*	14	37	37	9	0
	San Carlos Apache Tribe	286	19	61	101	81	21	*
	San Xavier	20†	*	*	*	10	*	0
	Tohono O'Odham Nation	140†	*	32	47	51	10	0
	White Mountain Apache Tribe	280†	*	35	109	103	26	*
	Yavapai-Apache Nation	20†	*	*	*	6	*	0
	Yavapai-Prescott Indian Tribe	0†	0	0	0	*	*	0
	TOTAL	2,630†	60†	300†	740†	1,010†	510†	10†
Resided off reservation	---in Maricopa County	1,557	38	115	323	731	338	12
	---in Pima County	307	9	48	82	96	70	*
	---in Coconino County	220†	*	11	31	104	67	0
	---elsewhere in Arizona	763	16	47	141	382	176	*
		TOTAL	2,844	70†	221	577	1,313	651

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 (2013 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		5,480†	20†	5,070†	980†	820†	30†	3,330†	440†
Resided on reservation	Ak-Chin Indian Community	20†	0	20	*	0	0	18	*
	Cocopah Tribe	20†	0	19	*	*	0	19	0
	Colorado River Indian Tribe	60†	0	53	*	*	0	30	*
	Fort McDowell Yavapai Nation Reservation	20†	0	20	6	*	0	17	*
	Fort Mohave Indian Tribe	10†	0	*	*	0	0	*	0
	Gila River Indian Community	60†	*	53	14	9	*	39	12
	Havasupai Tribe	10†	0	8	*	0	0	0	0
	Hopi Tribe	170†	0	159	39	28	*	58	6
	Hualapai Tribe	30†	0	27	7	6	0	*	0
	Navajo Nation	1,330†	*	1,251	247	184	7	664	64
	Pascua Yaqui Tribe	70†	0	62	8	*	0	63	15
	Salt River Pima-Maricopa Indian Community	100	0	96	17	14	0	77	11
	San Carlos Apache Tribe	290†	0	263	40	41	*	75	37
	San Xavier	20†	0	16	*	*	0	19	*
	Tohono O'Odham Nation	140†	0	140	26	*	0	128	45
	White Mountain Apache Tribe	280†	*	212	63	66	*	260	*
	Yavapai-Apache Nation	20†	0	16	7	*	0	16	0
Yavapai-Prescott Indian Tribe	0†	0	*	0	*	0	*	0	
	TOTAL	2,630†	10†	2,420†	490†	370†	20†	1,490†	200†
Resided off reservation	---in Maricopa County	1,560†	*	1,434	215	270	9	970	91
	---in Pima County	310†	*	297	66	21	*	273	71
	---in Coconino County	217	0	213	40	38	0	83	0
	---elsewhere in Arizona	760†	6	706	162	117	*	516	79
		TOTAL	2,844	10†	2,650	483	446	10†	1,842

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 (2013 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		5,480†	1,790†	90†	300†	180†	40†	10†	80†	0†	140†	90†	140†	160†	20†	10†	0†	190†	880†	
Resided on reservation	Ak-Chin Indian Community	20	10†	0	*	*	0	0	0	0	0	0	0	*	0	0	0	*	*	
	Cocopah Tribe	19	10†	*	*	*	0	0	*	0	*	0	0	0	0	0	0	0	*	6
	Colorado River Indian Tribe	57	10†	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0	6
	Fort McDowell Yavapai Nation Reservation	21	10†	*	*	0	0	0	0	0	*	0	0	*	0	0	0	0	*	*
	Fort Mohave Indian Tribe	*	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
	Gila River Indian Community	60	10†	*	*	0	0	0	0	0	*	*	0	0	0	0	0	0	6	*
	Havasupai Tribe	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hopi Tribe	168	60†	*	9	9	*	0	*	0	*	*	9	11	*	0	0	0	6	19
	Hualapai Tribe	27	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
	Navajo Nation	1,331	430†	23	72	69	14	*	31	*	43	35	59	37	*	*	*	*	42	146
	Pascua Yaqui Tribe	65	30†	0	*	0	0	0	*	0	*	0	0	*	0	0	0	0	*	27
	Salt River Pima-Maricopa Indian Community	100	30†	0	7	*	*	*	0	0	*	*	*	7	0	0	0	0	*	9
	San Carlos Apache Tribe	286	120†	*	16	6	*	0	7	*	23	*	*	8	*	0	0	0	7	66
	San Xavier		10†	0	*	0	*	0	*	0	0	0	*	*	0	0	0	0	0	*
	Tohono O'Odham Nation	144	60†	*	9	0	0	*	0	0	*	0	0	*	0	0	0	0	0	53
	White Mountain Apache Tribe	280	120†	0	17	8	*	0	7	0	8	9	*	8	*	0	0	0	*	78
	Yavapai-Apache Nation	17	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	2,630†	920†	30†	150†	100†	30†	0†	50†	0†	90†	60†	70†	90†	10†	0†	0†	80†	430†	
Resided off reservation	---in Maricopa County	1,557	430†	37	89	57	*	*	11	*	25	14	52	40	*	*	0	66	180	
	---in Pima County	307	150†	*	25	9	*	0	*	0	6	*	*	6	0	0	0	*	109	
	---in Coconino County	217	50†	*	11	7	*	*	*	0	*	*	6	8	*	*	0	*	15	
	---elsewhere in Arizona	763	230†	20	26	16	*	0	*	0	13	11	7	17	*	*	0	43	143	
		TOTAL	2,844	867	60†	151	89	10†	10†	20†	0†	50†	30†	70†	71	10†	0†	0	120†	447

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 (2013 STATUS)**

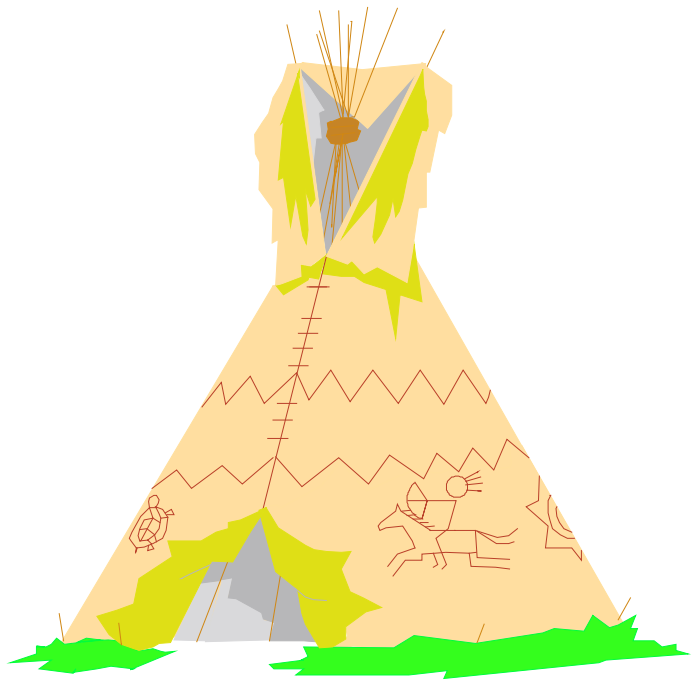
		TOTAL BIRTHS	Method of delivery ^a					
			Vaginal	Vaginal after C-Section	Primary C-Section	Repeat C-Section	Forceps	Vacuum
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,480†	4,040†	110†	630†	680†	20†	80†
Resided on reservation	Ak-Chin Indian Community	20	14	0	6	0	0	0
	Cocopah Tribe	19	13	0	*	*	0	0
	Colorado River Indian Tribe	57	42	0	7	8	0	0
	Fort McDowell Yavapai Nation Reservation	21	14	0	*	*	0	0
	Fort Mohave Indian Tribe	*	0	0	*	*	0	0
	Gila River Indian Community	60	42	*	10	7	0	0
	Havasupai Tribe	9	7	0	0	*	0	0
	Hopi Tribe	168	125	6	24	13	*	*
	Hualapai Tribe	27	18	0	*	7	*	*
	Navajo Nation	1,331	1,053	52	109	110	9	11
	Pascua Yaqui Tribe	65	50	*	7	*	0	0
	Salt River Pima-Maricopa Indian Community	100	54	*	18	26	*	0
	San Carlos Apache Tribe	286	206	*	29	49	0	11
	San Xavier	19	14	0	*	*	0	0
	Tohono O'Odham Nation	144	113	*	12	15	0	0
	White Mountain Apache Tribe	280	210	0	36	34	0	7
	Yavapai-Apache Nation	17	13	0	*	0	0	0
	Yavapai-Prescott Indian Tribe	*	*	0	0	*	0	0
	TOTAL	2,630†	1,990†	70†	270†	290†	10†	30†
Resided off reservation	---in Maricopa County	1,557	1,103	23	207	221	*	28
	---in Pima County	307	224	7	34	42	0	11
	---in Coconino County	217	170	*	20	25	0	*
	---elsewhere in Arizona	763	555	9	97	102	*	6
		TOTAL	2,840†	2,052	40†	358	390	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 (2013 STATUS)**

		TOTAL BIRTHS	M.D.	C.N.M	Hospital admin	Midwife	D.O.	Other	Un-known
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,480†	3,370†	1,480†	0†	30†	550†	50†	0†
Resided on reservation	Ak-Chin Indian Community	20†	12	*	0	0	7	0	0
	Cocopah Tribe	20†	14	*	0	0	*	0	0
	Colorado River Indian Tribe	57	57	0	0	0	0	0	0
	Fort McDowell Yavapai Nation Reservation	20†	20	*	0	0	0	0	0
	Fort Mohave Indian Tribe	10†	*	0	0	0	0	0	0
	Gila River Indian Community	60†	49	*	0	0	10	0	0
	Havasupai Tribe	10†	7	0	0	0	*	0	0
	Hopi Tribe	170†	69	84	0	*	10	*	0
	Hualapai Tribe	27	13	0	0	0	14	0	0
	Navajo Nation	1,330†	343	902	*	*	67	16	0
	Pascua Yaqui Tribe	70†	45	19	0	0	*	0	0
	Salt River Pima-Maricopa Indian Community	100†	80	18	0	*	*	0	0
	San Carlos Apache Tribe	290†	162	*	0	0	118	*	0
	San Xavier	19	19	0	0	0	0	0	0
	Tohono O'Odham Nation	140†	140	0	0	0	*	*	0
	White Mountain Apache Tribe	280†	226	*	0	0	45	6	*
Yavapai-Apache Nation	20†	15	*	0	0	0	0	0	
Yavapai-Prescott Indian Tribe	0†	*	0	0	0	*	0	0	
	TOTAL	2,630†	1,280†	1,040†	0†	10†	280†	30†	0†
Resided off reservation	---in Maricopa County	1,560†	1,083	339	0	*	123	6	*
	---in Pima County	310†	274	21	0	*	*	*	0
	---in Coconino County	220†	143	36	0	10	26	*	0
	---elsewhere in Arizona	760†	588	51	0	*	116	*	*
		TOTAL	2,844	2,088	447	0	20†	270†	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.



Newborn's Health

**4.16
GESTATIONAL AGE (2013 STATUS)**

		TOTAL BIRTHS	Length of gestation			
			<37 weeks	37-41 weeks	42+ weeks	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,480†	530†	4,910†	30†	10†
Resided on reservation	Ak-Chin Indian Community	20	7	13	0	0
	Cocopah Tribe	19	0	19	0	0
	Colorado River Indian Tribe	57	10	47	0	0
	Fort McDowell Yavapai Nation Reservation	20†	*	17	0	0
	Fort Mohave Indian Tribe	10†	*	*	0	0
	Gila River Indian Community	60	9	51	0	0
	Havasupai Tribe	10†	*	8	0	0
	Hopi Tribe	170†	15	152	*	0
	Hualapai Tribe	30†	*	25	0	0
	Navajo Nation	1,331	103	1,219	7	*
	Pascua Yaqui Tribe	70†	*	62	0	0
	Salt River Pima-Maricopa Indian Community	100	17	83	0	0
	San Carlos Apache Tribe	290†	35	247	*	*
	San Xavier	20†	0	18	*	0
	Tohono O'Odham Nation	144	15	129	0	0
	White Mountain Apache Tribe	280†	32	244	*	*
	Yavapai-Apache Nation	20†	*	16	0	0
	Yavapai-Prescott Indian Tribe	0†	0	*	0	0
		TOTAL	2,630†	260†	2,360†	10†
Resided off reservation	---in Maricopa County	1,557	165	1,381	8	*
	---in Pima County	310†	28	278	*	0
	---in Coconino County	220†	13	203	*	0
	---elsewhere in Arizona	760†	70	690	*	0
		TOTAL	2,844	276	2,552	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 (2013 STATUS)

		TOTAL BIRTHS	Weight at birth					
			<1,000 grams	1,000- 1,499	1,500- 2,499	2,500- 3,999	4000+	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,480†	20†	40†	340†	4,590†	490†	10†
Resided on reservation	Ak-Chin Indian Community	20†	0	*	*	10	*	0
	Cocopah Tribe	20†	0	0	0	16	*	0
	Colorado River Indian Tribe	57	0	0	7	40	10	0
	Fort McDowell Yavapai Nation Reservation	20†	0	*	*	17	*	0
	Fort Mohave Indian Tribe	10†	0	0	0	*	*	0
	Gila River Indian Community	60†	*	0	7	45	7	0
	Havasupai Tribe	10†	0	0	0	8	*	0
	Hopi Tribe	170†	*	*	15	140	9	0
	Hualapai Tribe	30†	0	0	*	25	*	0
	Navajo Nation	1,330†	*	*	66	1,129	127	*
	Pascua Yaqui Tribe	70†	0	0	*	61	*	0
	Salt River Pima-Maricopa Indian Community	100†	0	*	11	76	12	0
	San Carlos Apache Tribe	290†	*	*	19	239	21	0
	San Xavier	20†	0	0	0	17	*	0
	Tohono O'Odham Nation	140†	*	0	10	121	12	0
	White Mountain Apache Tribe	280†	*	*	15	242	16	*
	Yavapai-Apache Nation	20†	0	0	*	16	0	0
	Yavapai-Prescott Indian Tribe	0†	0	0	0	*	0	0
TOTAL	2,630†	10†	20†	160†	2,210†	230†	0†	
Resided off reservation	---in Maricopa County	1,557	8	9	88	1,320	132	0
	---in Pima County	310†	0	*	20	255	29	*
	---in Coconino County	220†	0	*	14	181	21	0
	---elsewhere in Arizona	760†	*	*	58	627	72	*
	TOTAL	2,844	10†	20†	180	2,383	254	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.

4.18
ABNORMAL CONDITIONS OF THE NEWBORN (2013 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		5,480†	392	10†	0†	0	10†	0†	40†	20†	0†	340†
Resided on reservation	Ak-Chin Indian Community	20	*	0	0	0	0	0	0	0	0	*
	Cocopah Tribe	19	*	0	0	0	0	0	0	*	0	*
	Colorado River Indian Tribe	57	12	0	0	0	0	0	9	0	0	*
	Fort McDowell Yavapai Nation Reservation	21	*	0	0	0	0	0	*	0	0	*
	Fort Mohave Indian Tribe	*	0	0	0	0	0	0	0	0	0	0
	Gila River Indian Community	60	14	0	0	0	0	0	*	0	0	13
	Havasupai Tribe	9	0	0	0	0	0	0	0	0	0	0
	Hopi Tribe	168	*	0	0	0	0	0	*	0	0	*
	Hualapai Tribe	27	0	0	0	0	0	0	0	0	0	0
	Navajo Nation	1,331	29	*	0	0	0	*	6	*	0	19
	Pascua Yaqui Tribe	65	*	0	0	0	0	0	0	0	0	*
	Salt River Pima-Maricopa Indian Community	100	*	0	*	0	*	0	0	0	0	*
	San Carlos Apache Tribe	286	26	*	0	0	*	*	*	*	*	20
	San Xavier	19	0	0	0	0	0	0	0	0	0	0
	Tohono O'Odham Nation	144	*	0	0	0	0	0	0	0	0	*
	White Mountain Apache Tribe	280	35	0	0	0	0	0	*	0	0	35
	Yavapai-Apache Nation	17	*	0	0	0	0	0	0	0	0	*
Yavapai-Prescott Indian Tribe	*	0	0	0	0	0	0	0	0	0	0	
	TOTAL	2,630†	140†	0†	0†	0	0†	0†	20†	10†	0†	110†
Resided off reservation	---in Maricopa County	1,557	109	*	*	0	*	*	6	6	0	100
	---in Pima County	307	14	0	0	0	0	0	*	0	0	14
	---in Coconino County	217	*	0	0	0	*	0	0	*	0	*
	---elsewhere in Arizona	763	125	*	0	0	*	*	*	6	0	113
		TOTAL	2,844	250†	10†	0†	0	10†	0†	10†	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 (2013 STATUS)

		TOTAL BIRTHS	Births with congenital anomalies	Congenital anomalies ^a																					
				Anencephalus	Spina Bifida / meningocele	Hydrocephalus	Microcephalus	Other CNS Anomaly	Heart Malformations	Other Respiratory / Circulatory	Fistula / Esophageal atresia	Omphalocele / gastroschisis	Other Gastrointestinal	Malformed genitalia	Renal Agenesis	Other Urogenital	Cleft Lip / Palate	Polydactyly / syndactyly / adactyly	Club Foot	Diaphragmatic hernia	Down s Syndrome	Other Musculoskeletal	Other Chromosomal	Other congenital anomalies	
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,476	46	0	0†	0†	0	0	0†	10†	0†	0†	0†	0	0	0†	10†	10†	0†	0†	0	0†	0†	10†	
Resided on reservation	Ak-Chin Indian Community	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Cocopah Tribe	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Colorado River Indian Tribe	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fort McDowell Yavapai Nation Reservation	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fort Mohave Indian Tribe	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Gila River Indian Community	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Havasupai Tribe	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hopi Tribe	168	*	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	*	0	0
	Hualapai Tribe	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Navajo Nation	1,331	11	0	*	*	0	0	0	*	0	*	0	0	0	0	*	*	*	*	0	0	0	0	*
	Pascua Yaqui Tribe	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Salt River Pima-Maricopa Indian Community	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	San Carlos Apache Tribe	286	*	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	0	0	0	0	0	0	0
	San Xavier	19	*	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
	Tohono O'Odham Nation	144	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0
	White Mountain Apache Tribe	280	*	0	0	0	0	0	0	*	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Yavapai-Apache Nation	17	0	0	0	0	0	0	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	0	0	0	0	0	0	
TOTAL	2,630†	20†	0	0†	0†	0	0	0†	0†	0	0†	0†	0	0	0	10†	0†	0†	0†	0	0	0†	0†	0†	
Resided off reservation	---in Maricopa County	1,557	10	0	*	*	0	0	*	0	0	0	*	0	*	*	*	*	0	0	0	0	*		
	---in Pima County	307	*	0	0	0	0	0	0	0	0	0	*	0	0	0	*	0	0	0	*	0	*		
	---in Coconino County	217	*	0	0	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0	0	*		
	---elsewhere in Arizona	763	7	0	*	*	0	0	*	*	*	*	*	0	0	*	0	0	0	0	0	0	0		
	TOTAL	2,844	30†	0	0†	0†	0	0	0†	0†	0†	0†	0†	0†	0	0†	10†	0†	0†	0	0	0†	0	10†	

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; ^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, 2013

	TOTAL STATE	Resided on reservation																	Resided off reservation						
		Ak-Chin Indian Community	Cocopah Tribe	Colorado River Indian Tribe	Fort McDowell Yavapai Nation	Fort Mohave Indian Tribe	Gila River Indian Community	Havasupai Tribe	Hopi Tribe	Hualapai Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Indian San Carlos Apache Tribe	San Xavier	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	1,955	10†	10†	30†	10†	1	30†	10†	90†	10†	650†	30†	50†	80†	10†	90†	100†	10†	3	1,220†	240†	120†	60†	320†	737
Certain conditions originating in the perinatal period	10†	0	0	0	0	0	*	0	0	*	*	0	*	*	0	*	0	0	0	10†	0	0	*	0	0†
Maternal complications	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 placenta, cord and membrane	0†	0	0	0	0	0	0	0	0	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†	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	0	0	0	0	0	0	0
Congenital malformations	20†	*	0	0	0	0	0	0	*	0	*	0	*	*	*	*	0	0	0	10†	*	0	*	*	10†
of heart	0†	0	0	0	0	0	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	0	1	0	0	0	0	0
Sudden infant death syndrome	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0†
Accidents (unintentional injury)	284	0	*	*	*	0	*	*	16	*	110	*	*	8	*	11	26	*	0	200†	32	11	11	34	88
Influenza and pneumonia	46	0	0	0	0	0	0	0	*	0	21	0	0	*	0	*	*	0	0	30†	*	*	*	6	20†
Diseases of the digestive system	236	*	0	*	*	0	*	*	9	*	56	*	11	16	7	8	14	*	0	140†	31	15	8	40	94
Infectious and parasitic diseases	74	0	*	*	0	0	*	0	*	0	21	*	*	*	0	*	*	0	0	40†	10	10	*	10	30†
Diseases of the nervous system	59	0	0	0	*	0	*	0	*	*	22	0	*	*	0	*	*	*	0	40†	*	8	*	7	20†
Choked on food	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
Mechanical suffocation	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0†	0	0	*	*	0†
Drug poisoning, undetermined intent	10†	0	0	0	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, 2013

		Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Total births		5,476	760†	20†	590†	200†	110†	10†	60†	1,720†	70†	870†	540†	430†	0†	70†	50†
Mother's age group	<15	10†	*	0	*	*	*	0	0	*	0	*	*	0	0	0	0
	15-17	240†	34	0	26	20	8	0	*	61	*	35	30	20	0	*	*
	18-19	520†	65	0	53	28	14	*	8	150	*	88	57	41	0	*	10
	20-24	1,780†	217	8	178	66	43	*	21	562	18	315	168	137	0	27	17
	25-29	1,470†	210	*	163	49	25	0	15	469	17	211	147	128	*	19	13
	30-34	920†	130	*	102	29	15	*	11	325	16	134	85	60	*	6	*
	35-39	420†	78	*	50	7	7	*	*	124	*	64	34	37	0	6	*
	40-44	100†	21	0	12	0	0	0	*	26	*	21	12	*	0	*	*
	45+	10†	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
Payee for births	AHCCCS	3,750†	618	9	395	51	21	*	29	1,166	19	714	369	274	*	45	33
	IHS	970†	111	0	142	130	79	*	22	193	22	110	76	71	0	*	9
	Private insurance	700†	26	6	49	16	8	*	11	335	21	43	87	73	0	15	*
	Self	50†	0	0	*	*	*	0	0	26	*	*	*	6	0	*	0
		Unknown	10†	*	0	0	*	0	0	0	*	*	*	*	0	0	0
Mother's education	< 8	30†	0	*	*	*	*	0	*	9	0	*	*	*	0	0	*
	8	100†	7	0	*	6	*	0	*	37	*	11	10	18	0	*	*
	9-11	1,220†	106	*	112	72	35	*	15	353	17	167	157	147	0	16	16
	12	2,290†	295	9	292	78	57	*	30	632	35	415	227	163	*	34	20
	13-16	1,660†	317	*	166	37	16	*	15	604	11	259	120	84	*	14	8
	17+	150†	25	0	8	*	0	0	0	74	0	17	18	7	0	*	*
		Unknown	30†	6	0	*	*	0	0	0	13	*	0	*	0	0	0
Marital status	Married	1,080†	142	9	118	44	23	*	9	399	18	135	71	74	*	21	10
	Unmarried	4,340†	601	6	464	156	90	*	51	1,300	47	728	459	347	*	44	37
		Other^b	60†	13	0	*	*	0	0	*	23	0	10	*	*	0	*
Weight gain	None	120†	*	*	15	*	*	*	0	38	*	16	22	7	*	0	*
	1-15 pounds	1,070†	191	*	97	27	13	0	39	290	10	174	131	72	0	14	10
	16-20 pounds	800†	110	*	89	35	21	0	*	241	11	140	71	58	0	13	6
	21-24 pounds	450†	94	*	38	14	8	*	0	142	*	73	48	20	0	*	*
	25-30 pounds	1,130†	137	*	149	49	33	*	*	331	17	176	90	121	*	*	9
	31+ pounds	1,820†	210	*	186	68	34	*	15	649	18	283	165	146	0	29	15
		Unknown	90†	10	0	13	*	*	0	*	31	*	11	8	*	0	*
Substance use	Drinker, nonsmoker	40†	*	0	*	0	*	0	0	14	*	7	*	*	0	*	0
	Smoker, nondrinker	130†	8	*	*	*	*	0	0	69	*	17	14	12	0	*	*
	Smoker and drinker	30†	*	0	*	*	*	0	0	9	0	7	*	*	0	0	0
		Nonsmoker and nondrinker	5,280†	742	14	581	195	109	7	62	1,630	63	842	516	409	*	63

4.21 (continued)
COMPARISON OF SELECTED CHARACTERISTICS* OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2013

		Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Length of gestation	<37 weeks	530†	54	*	47	24	12	*	10	194	*	87	46	44	0	*	*
	37-41 weeks	4,910†	698	14	535	174	100	*	52	1,517	60	780	487	379	*	64	44
	42+ weeks	30†	*	0	*	*	0	*	0	8	0	*	*	*	0	0	0
	Unknown	10†	*	0	*	*	*	0	0	*	0	*	0	0	0	0	0
Weight at birth	<1,000 grams	20†	*	0	*	*	0	0	0	9	0	*	*	*	0	0	0
	1,000-1,499	40†	*	0	*	*	*	0	0	11	0	9	*	*	0	0	0
	1,500-2,499	340†	34	*	28	12	7	*	7	105	*	68	32	34	0	*	*
	2,500-3,999	4,590†	640	13	502	171	94	*	45	1,444	55	734	454	336	*	59	38
	4000+	490†	77	*	53	12	10	0	10	153	*	58	45	49	0	*	7
	Unknown	10†	*	0	*	0	0	0	0	0	0	*	*	0	0	0	0
Prenatal care	No care	130†	11	*	12	14	8	0	*	43	0	14	14	9	0	*	*
	1st trimester	3,760†	510	10	422	104	55	6	49	1,257	52	559	314	355	*	42	25
	2nd trimester	1,230†	180	*	122	67	32	*	10	322	12	244	156	47	0	19	18
	3rd trimester	340†	53	*	31	14	17	0	*	94	0	54	49	14	*	*	*
	Unknown	20†	*	0	0	*	*	0	0	6	*	*	*	0	0	0	0
Prenatal visits	No visits	130†	11	*	12	14	8	0	*	43	0	14	14	9	0	*	*
	1-4 visits	520†	49	0	45	35	29	0	*	138	8	84	87	30	*	6	*
	5-8 visits	1,310†	208	*	109	72	37	*	18	371	18	252	152	50	0	6	14
	9-12 visits	2,320†	321	7	254	63	28	*	16	801	25	326	180	252	*	28	19
	13+ visits	1,170†	165	*	167	15	10	*	22	357	13	192	100	84	0	24	10
	Unknown	30†	*	0	0	*	*	0	*	12	*	*	*	0	0	0	0
Newborn intensive care	Yes	230†	9	*	9	7	*	0	*	111	*	36	16	24	0	*	*
	No	5,250†	747	14	578	194	108	7	61	1,611	62	837	519	401	*	65	44
	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	*	0	*	*	6	0	0	0
	Electronic fetal monitoring	5,070†	695	13	572	182	108	6	58	1,588	64	773	515	387	*	64	47
	Induction of labor	980†	150	*	106	31	18	*	*	248	16	166	103	96	*	19	9
	Stimulation of labor	820†	104	*	97	24	22	0	*	295	12	150	27	55	0	13	12
	Tocolysis	30†	*	0	*	*	*	0	0	10	0	7	*	0	0	0	0
	Ultrasound	3,330†	437	11	239	41	55	6	32	1,089	21	470	483	340	*	60	47
	Other	440†	48	*	*	*	43	*	*	112	0	20	134	70	*	0	*
Method of delivery	Vaginal	4,040†	615	9	462	145	81	*	47	1,201	42	658	401	290	*	53	32
	Vaginal after C-Section	110†	34	0	6	*	0	0	0	25	*	21	14	6	0	0	0
	Primary C-Section	630†	53	*	53	23	11	*	7	238	8	108	55	63	0	6	*
	Repeat C-Section	680†	48	*	65	30	21	*	8	254	14	86	65	66	*	7	11
	Forceps	20†	*	0	*	0	0	0	0	*	*	*	0	0	0	0	*
	Vacuum	80†	*	*	12	8	*	0	0	28	*	11	11	*	0	*	0

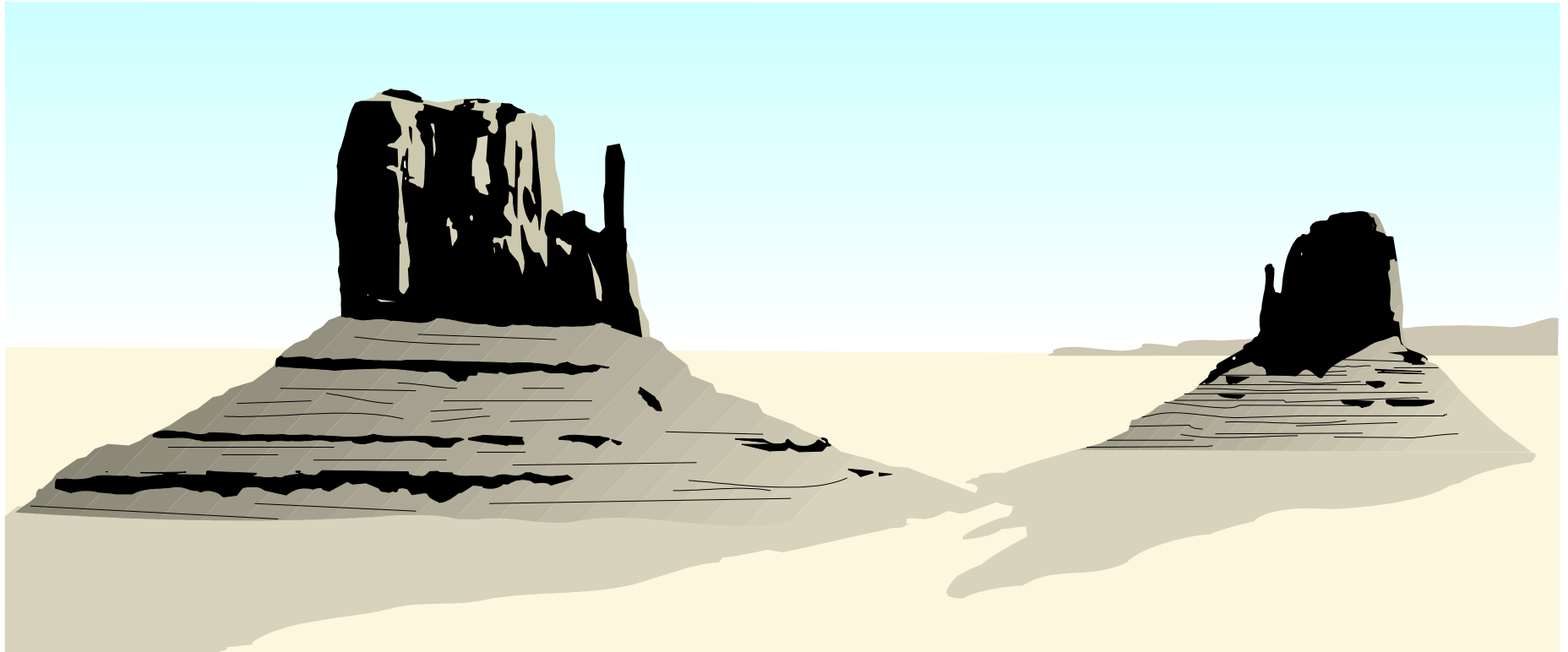
4.21 (continued)
COMPARISON OF SELECTED CHARACTERISTICS* OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2013

		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	2,680†	367	12	201	89	66	*	24	889	*	395	400	177	*	24	25
	Anemia	390†	40	0	26	12	*	*	0	183	0	48	34	36	0	*	0
	Cardiac disease	10†	0	0	0	0	0	0	0	7	0	*	0	*	0	0	0
	Lung disease	60†	*	*	0	*	0	0	0	32	0	*	*	8	0	*	0
	Diabetes	610†	69	*	55	16	8	*	*	274	*	73	34	62	0	*	7
	Genital herpes	40†	6	0	*	0	*	0	0	20	0	*	*	6	0	0	0
	Hydramnios	100†	18	0	11	*	*	0	0	28	0	12	11	6	0	*	*
	Hemoglobinopathy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Chronic hypertension	80†	10	*	10	*	0	0	0	26	0	10	12	*	0	0	0
	Pregnancy associated hypertension	410†	58	0	41	19	10	0	*	132	*	75	30	36	0	*	0
	Eclampsia	60†	*	0	*	*	*	0	*	23	0	13	7	*	0	*	0
	Previous infant 4000+g	30†	8	0	*	*	*	0	0	8	0	8	*	0	0	0	0
	Previous SGA infant	80†	9	0	7	*	0	0	0	27	*	19	6	*	0	*	*
	Renal disease	10†	0	0	0	0	0	0	0	*	0	*	0	*	0	0	0
	RH sensitization	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uterine bleeding	20†	*	0	*	0	0	0	0	*	0	*	0	*	0	0	0	
Incompetent cervix	10†	*	0	0	*	0	0	0	*	0	0	*	*	0	0	*	
Other	1,830†	252	12	98	52	55	*	21	578	*	258	365	89	*	20	18	
Abnormal conditions of the newborn	Total	390†	14	*	18	13	14	*	12	124	*	51	18	115	0	*	*
	Anemia	10†	*	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	0
	Membrane disease	10†	0	0	*	*	0	0	0	*	0	0	0	*	0	0	0
	Meconium aspiration	0†	0	0	0	0	*	0	0	*	0	*	0	0	0	*	0
	Assisted vent.<30 min	40†	*	0	*	*	*	0	9	9	*	*	*	*	0	*	0
	Assisted vent.>30 min.	20†	*	0	*	*	0	0	6	0	0	*	0	*	0	*	*
	Newborn seizures	0†	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0
Other	340†	10	*	12	9	12	*	*	111	0	44	18	113	0	*	*	
Births with congenital anomalies	Total	50†	6	0	7	*	*	0	0	10	*	8	7	*	0	0	0
	Anencephalus	0	0	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
	Hydrocephalus	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	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	

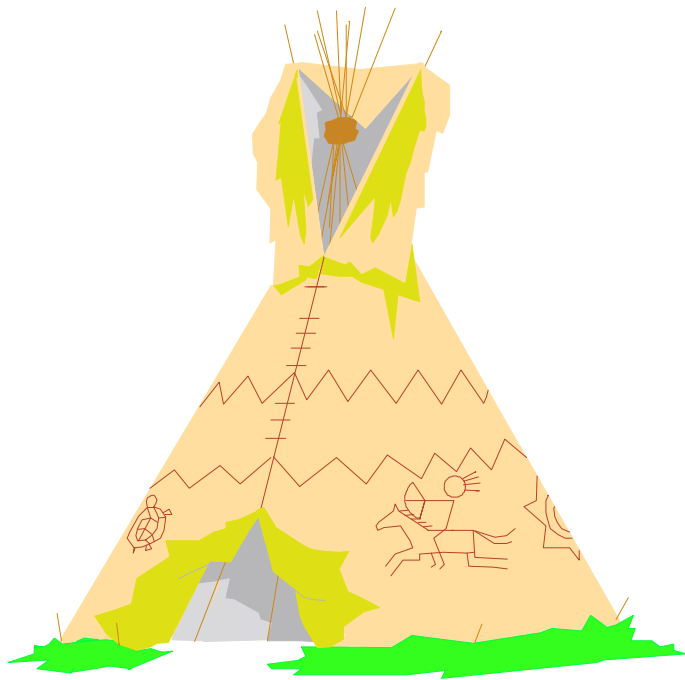
4.21 (continued)
COMPARISON OF SELECTED CHARACTERISTICS^a OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2013

	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
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
Malformed genitalia	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	0
Other urogenital	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	0	0
Polydactyly / syndactyly / adactyly	10†	*	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
Other muscoskeletal	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	0	0
Other chromosomal	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
Other	10†	0	0	*	0	0	0	0	*	0	*	*	0	0	0	0
Births with complications																
Total	1,790†	232	6	176	84	57	*	8	483	9	315	250	116	0	12	32
Febrile	90†	13	0	10	*	0	0	0	40	0	*	*	18	0	0	*
Meconium	300†	35	0	31	13	8	0	0	102	*	49	39	7	0	*	10
Rupture of membrane	180†	34	*	29	*	*	*	0	58	0	35	9	7	0	0	*
Abruptio placenta	40†	8	0	6	*	*	0	0	6	0	12	*	*	0	0	0
Placenta previa	10†	0	0	*	0	0	0	0	6	0	*	*	0	0	0	0
Other bleeding	80†	14	*	16	*	*	0	0	11	0	18	6	*	0	0	*
Seizures	0†	*	0	0	*	*	0	0	*	0	0	0	0	0	0	0
Precipitous labor	140†	27	0	14	16	9	*	*	30	0	21	8	*	0	0	*
Prolonged labor	90†	27	0	13	*	*	0	0	17	0	15	*	*	0	0	*
Dysfunctional labor	140†	24	0	30	*	0	0	0	53	0	24	*	*	0	0	*
Breech malpresentation	160†	17	*	21	*	*	0	*	49	0	30	14	14	0	0	*
Cephalopelvic disproportion	20†	*	0	*	*	0	0	0	*	0	6	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	190†	25	0	14	10	*	0	0	76	*	16	*	34	0	*	7
Other	880†	84	*	52	41	34	*	6	197	6	166	192	57	0	9	24
Infant mortality^c																
Total	40†	10†	0	10†	0†	0†	0	0	10†	0†	0†	10†	0†	0	0	0
Neonatal	20†	*	0	*	*	*	0	0	*	0	*	*	*	0	0	0
Postneonatal	20†	*	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 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 2013**



AGE-SPECIFIC MORTALITY

5.1
AGE-SPECIFIC MORTALITY AMONG AMERICAN INDIANS IN 2013

		TOTAL	Age group											
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		1,960†	40†	20†	20†	90†	170†	210†	280†	310†	260†	310†	0†	0
Resided on reservation	Ak-Chin Indian Community	10†	*	*	*	0	0	*	*	*	0	0	*	0
	Cocopah Tribe	10†	0	0	0	0	0	0	*	*	*	*	0	0
	Colorado River Indian Tribe	30†	0	*	0	0	*	*	*	9	6	6	0	0
	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	0	0
	Gila River Indian Community	20†	*	0	0	0	*	*	*	*	*	*	*	0
	Havasupai Tribe	10†	0	0	0	0	*	*	*	*	*	*	*	0
	Hopi Tribe	50†	*	0	0	*	*	*	*	13	*	13	9	0
	Hualapai Tribe	50†	*	0	0	0	*	*	*	7	9	6	14	0
	Navajo Nation	370†	6	6	*	24	39	39	63	51	41	59	42	*
	Pascua Yaqui Tribe	300†	*	*	*	11	13	23	22	32	35	74	81	0
	Salt River Pima-Maricopa Indian Community	350†	7	0	*	9	28	35	49	63	59	61	33	0
	San Carlos Apache Tribe	60†	*	*	0	*	*	*	8	10	10	*	*	0
	San Xavier	30†	0	0	0	*	0	*	*	6	8	*	*	0
	Tohono O'Odham Nation	90†	0	*	*	*	*	10	12	21	12	11	8	0
	White Mountain Apache Tribe	70†	*	*	*	10	11	9	11	6	*	8	*	0
	Yavapai-Apache Nation	50†	*	*	0	*	*	6	6	7	*	10	7	0
Yavapai-Prescott Indian Tribe	40†	*	*	0	*	6	7	*	*	7	6	*	0	
TOTAL		1,520†	30†	20†	10†	70†	120†	160†	200†	240†	200†	270†	210†	0†
Resided off reservation	---in Maricopa County	150†	*	0	*	7	15	27	39	23	10	10	8	0
	---in Pima County	70†	*	0	0	*	*	*	11	17	13	10	*	0
	---in Coconino County	40†	*	0	0	*	*	*	*	*	*	7	*	0
	---elsewhere in Arizona	180†	*	*	*	8	23	14	28	32	32	20	20	0
	TOTAL		430†	10†	0†	10†	20†	50†	50†	80†	80†	60†	47	30†

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

5.2
AGE-SPECIFIC MORTALITY AMONG AMERICAN INDIAN MALES IN 2013

		TOTAL	Age group											
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		1,100†	20†	10†	10†	70†	120†	130†	190†	190†	130†	140†	100†	0†
Resided on reservation	Ak-Chin Indian Community	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	20†	0	*	0	0	*	*	*	6	*	*	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	0
	Gila River Indian Community	20†	*	0	0	0	*	*	*	*	*	*	*	0
	Havasupai Tribe	0†	0	0	0	0	0	0	*	*	0	0	0	0
	Hopi Tribe	50†	*	0	0	*	*	*	*	13	*	12	9	0
	Hualapai Tribe	10†	0	0	0	0	0	*	*	*	*	0	0	0
	Navajo Nation	370†	*	6	*	24	39	38	61	50	41	59	41	*
	Pascua Yaqui Tribe	20†	0	0	0	0	*	*	*	7	*	*	0	0
	Salt River Pima-Maricopa Indian Community	30†	*	0	0	*	*	6	7	6	*	*	*	0
	San Carlos Apache Tribe	40†	*	*	0	*	*	*	6	8	*	*	*	0
	San Xavier	10†	0	0	0	*	0	*	*	*	*	*	0	0
	Tohono O'Odham Nation	50†	0	*	0	*	*	*	6	9	9	6	6	0
	White Mountain Apache Tribe	60†	0	*	*	10	11	8	10	6	*	8	*	0
	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	0	0
TOTAL	680†	10†	10†	0†	40†	70†	80†	110†	120†	70†	100†	70†	0†	
Resided off reservation	---in Maricopa County	140†	*	0	*	7	15	26	38	22	8	9	8	0
	---in Pima County	70†	*	0	0	*	*	*	11	17	12	10	*	0
	---in Coconino County	40†	*	0	0	*	*	*	*	*	*	7	*	0
	---elsewhere in Arizona	180†	*	*	*	8	23	14	28	32	32	20	20	0
	TOTAL	420†	10†	0†	0†	20†	50†	50†	80†	80†	60†	46	30†	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.

5.3
AGE-SPECIFIC MORTALITY AMONG AMERICAN INDIAN FEMALES IN 2013

		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		850†	20†	10†	10†	20†	50†	80†	90†	120†	130†	170†	150†
Resided on reservation	Ak-Chin Indian Community	10†	*	*	*	0	0	*	0	*	0	0	*
	Cocopah Tribe	10†	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	0
	Gila River Indian Community	0†	0	0	0	0	0	0	*	0	0	0	0
	Havasupai Tribe	10†	0	0	0	0	*	*	*	*	*	*	*
	Hopi Tribe	0†	0	0	0	*	0	0	0	0	*	*	0
	Hualapai Tribe	40†	*	0	0	0	*	*	*	*	8	6	14
	Navajo Nation	10†	*	0	0	0	0	*	*	*	0	0	*
	Pascua Yaqui Tribe	280†	*	*	*	11	12	22	19	25	31	73	81
	Salt River Pima-Maricopa Indian Community	320†	*	0	*	7	25	29	42	57	57	60	32
	San Carlos Apache Tribe	10†	0	0	0	0	*	*	*	*	*	*	*
	San Xavier	20†	0	0	0	0	0	*	*	*	*	*	*
	Tohono O'Odham Nation	40†	0	*	*	*	*	*	6	12	*	*	*
	White Mountain Apache Tribe	0†	*	0	0	0	0	*	*	0	0	0	0
	Yavapai-Apache Nation	50†	*	*	0	*	*	6	6	6	*	10	7
	Yavapai-Prescott Indian Tribe	40†	*	*	0	*	6	7	*	*	7	6	*
		TOTAL	840†	20†	10†	10†	20†	50†	80†	90†	120†	130†	170†
Resided off reservation	---in Maricopa County	10†	0	0	*	0	0	*	*	*	*	*	0
	---in Pima County	0†	0	0	0	0	0	0	0	0	*	0	*
	---in Coconino County	0	0	0	0	0	0	0	0	0	0	0	0
	---elsewhere in Arizona	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL	10†	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.



CAUSE-SPECIFIC MORTALITY

5.4
DEATHS BY GENDER FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2013

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Total, all causes	1,955	1,103	852
Salmonella infections	0	0	0
Shigellosis and amebiasis	0†	0	*
Certain other intestinal infections	10†	*	6
Enterocolitis due to Clostridium difficile	10†	*	*
Tuberculosis	0†	*	0
Respiratory tuberculosis	0†	*	0
Other tuberculosis	0†	*	0
Whooping cough	0	0	0
Scarlet fever and erysipelas	0	0	0
Meningococcal infection	0†	0	*
Septicemia	24	15	9
Syphilis	0	0	0
Acute poliomyelitis	0	0	0
Arthropod-borne encephalitis	0	0	0
Measles	0	0	0
Viral hepatitis	19	10	9
Human immunodeficiency virus (HIV) disease	10†	*	*
Malaria	0	0	0
Other and unspecified infectious and parasitic diseases	12	6	6
Malignant neoplasms	243	111	132
Malignant neoplasm of lip, oral cavity and pharynx	0†	*	0
Malignant neoplasm of esophagus	10†	9	*
Malignant neoplasm of stomach	12	6	6
Malignant neoplasm of colon, rectum and anus	23	8	15
Malignant neoplasm of liver and intrahepatic bile ducts	33	18	15
Malignant neoplasm of pancreas	21	11	10
Malignant neoplasm of larynx	0	0	0
Malignant neoplasm of trachea, bronchus and lung	18	8	10
Malignant melanoma of skin	0	0	0
Malignant neoplasm of breast	17	0	17
Malignant neoplasm of cervix uteri	0†	0	*
Malignant neoplasm of corpus uteri and uterus, part unspecified	0†	0	*
Malignant neoplasm of ovary	12	0	12
Malignant neoplasm of prostate	13	13	0
Malignant neoplasm of kidney and renal pelvis	16	7	9
Malignant neoplasm of bladder	0†	*	0

5.4 (continued)
DEATHS BY GENDER FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2013

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Malignant neoplasm of meninges, brain and other parts of CNS	0†	*	*
Malignant neoplasm of lymphoid, hematopoietic and related tissue	25	10	15
Hodgkin's disease	0†	0	*
Non-Hodgkin's lymphoma	0†	*	*
Leukemia	10†	*	6
Multiple myeloma and immunoproliferative neoplasms	10†	*	6
Other and unspecified malignant neoplasms of lymphoid tissue	0	0	0
All other and unspecified malignant neoplasm	28	18	10
In situ neoplasms	10†	*	*
Anemias	0	0	0
Diabetes	142	76	66
Nutritional deficiencies	10†	*	*
Malnutrition	10†	*	*
Other nutritional deficiencies	0†	*	*
Obesity	10†	10	*
Meningitis	0†	*	0
Parkinson's disease	10†	8	*
Alzheimer's disease	25	11	14
Major cardiovascular diseases	309	168	141
Diseases of heart	231	131	100
Acute rheumatic fever and chronic rheumatic heart disease	0†	*	*
Hypertensive heart disease	19	12	7
Hypertensive heart and renal disease	0†	*	0
Ischemic heart disease	154	90	64
Acute myocardial infarction	33	16	17
Other acute ischemic heart disease	0†	*	0
Other forms of chronic ischemic heart disease	120	73	47
Atherosclerotic cardiovascular disease	46	32	14
All other forms of chronic ischemic heart disease	74	41	33
Other heart diseases	53	27	26
Acute and subacute endocarditis	0†	0	*
Diseases of pericardium and acute myocarditis	0	0	0
Heart failure	10†	*	7
All other forms of heart disease	42	25	17
Essential (primary) hypertension and hypertensive renal disease	25	14	11
Cerebrovascular diseases	43	18	25

5.4 (continued)
DEATHS BY GENDER FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2013

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Atherosclerosis	0†	*	*
Other diseases of circulatory system	10†	*	*
Aortic aneurysm and dissection	0†	*	*
Other disease of arteries, arterioles and capillaries	0†	*	*
Other disorders of circulatory system	0†	*	*
Influenza and pneumonia	46	24	22
Influenza	0†	*	*
Pneumonia	44	23	21
Other acute lower respiratory infections	0	0	0
Acute bronchiolitis	0	0	0
Unspecified acute lower respiratory infection	0	0	0
Chronic lower respiratory diseases	27	9	18
Bronchitis, chronic and unspecified	0	0	0
Emphysema	0	0	0
Asthma	0†	*	*
Other chronic lower respiratory diseases	23	7	16
Pneumoconioses and chemical effects	0†	*	0
Pneumonitis due to solids and liquids	10†	10	*
Other disease of respiratory system	29	14	15
Peptic ulcer	0	0	0
Diseases of appendix	0	0	0
Hernia	0†	0	*
Chronic liver disease and cirrhosis	166	89	77
Alcoholic liver disease	131	76	55
Other chronic liver disease and cirrhosis	35	13	22
Cholelithiasis and other disorders of gallbladder	10†	*	6
Nephritis, nephrotic syndrome and nephrosis	31	15	16
Acute and rapidly progressive nephritic and nephrotic syndrome	0	0	0
Chronic glomerulonephritis	0†	*	0
Renal failure	29	13	16
Others disorders of kidney	0	0	0
Infections of kidney	0†	0	*
Hyperplasia of prostate	0	0	0
Inflammatory diseases of female pelvic organs	0†	0	*
Pregnancy, childbirth and the puerperium	0†	0	*

5.4 (continued)
DEATHS BY GENDER FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2013

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Pregnancy with abortive outcome	0	0	0
Other complications of pregnancy, childbirth and the puerperium	0†	0	*
Perinatal conditions	10†	9	*
Congenital anomalies, deformations and chromosomal abnormalities	19	11	8
Symptoms, signs, abnormal findings	99	61	38
Total accidents	284	197	87
Transport accidents	102	63	39
Motor vehicle accidents	95	59	36
Other land transport accidents	10†	*	*
Water, air, space	0	0	0
Nontransport accidents	182	134	48
Falls	20	9	11
Accidental discharge of firearms	0†	*	0
Accidental drowning and submersion	0†	*	0
Accidental exposure to smoke, fire and flames	10†	*	*
Accidental poisoning	106	85	21
Excessive natural heat	10†	*	*
Excessive natural cold	10†	11	*
Other and unspecified nontransport accidents	46	31	15
Intentional self-harm (suicide)	69	55	14
By discharge of firearms	17	17	0
By other means	52	38	14
Assault (homicide)	55	45	10
By discharge of firearms	20†	18	*
By other means	35	27	8
Legal intervention	0	0	0
Events of undetermined intent	20†	13	*
Discharge of firearms	0†	*	0
Other and unspecified events of undetermined intent	20†	12	*
Operations of war	0	0	0
Complications of medical and surgical care	10†	*	*
INJURY BY FIREARMS	40†	37	*
DRUG-INDUCED DEATHS	54	36	18
ALCOHOL-INDUCED DEATHS	229	160	69

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, 2013

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unknown
Total, all causes	1,955	36	21	17	90	172	205	283	314	259	314	243	1
Salmonella infections	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
Certain other intestinal infections	10+	*	0	0	0	*	0	*	*	0	*	*	0
Enterocolitis due to Clostridium difficile	10+	0	0	0	0	*	0	*	0	0	*	*	0
Tuberculosis	0+	0	0	0	0	0	0	*	0	0	*	0	0
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	0
Scarlet fever and erysipelas	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	0+	0	0	0	0	0	0	0	*	0	0	0	0
Septicemia	20+	0	0	0	0	0	*	*	*	10	*	*	0
Syphilis	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne encephalitis	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis	20+	0	0	*	0	0	*	10	*	*	0	0	0
Human immunodeficiency virus (HIV) disease	10+	0	0	0	0	*	0	*	0	*	0	0	0
Malaria	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases	10+	*	*	*	0	*	*	*	*	*	0	0	0
Malignant neoplasms	240+	0	0	*	0	9	14	28	54	55	51	31	0
Malignant neoplasm of lip, oral cavity and pharynx	0+	0	0	0	0	0	0	*	0	0	0	0	0
Malignant neoplasm of esophagus	10+	0	0	0	0	*	0	*	*	*	*	*	0
Malignant neoplasm of stomach	10+	0	0	0	0	0	*	*	*	0	*	*	0
Malignant neoplasm of colon, rectum and anus	20+	0	0	0	0	*	*	*	*	*	*	*	0
Malignant neoplasm of liver and intrahepatic bile ducts	30+	0	0	0	0	0	*	*	15	6	*	*	0
Malignant neoplasm of pancreas	20+	0	0	0	0	0	0	*	*	7	*	*	0
Malignant neoplasm of larynx	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	*	*	*	*	7	*	0
Malignant melanoma of skin	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of breast	20+	0	0	0	0	*	*	*	*	*	*	*	0
Malignant neoplasm of cervix uteri	0+	0	0	0	0	0	*	0	0	0	*	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	0+	0	0	0	0	0	0	0	*	*	0	0	0
Malignant neoplasm of ovary	10+	0	0	0	0	0	0	*	*	6	*	*	0
Malignant neoplasm of prostate	10+	0	0	0	0	0	0	0	*	*	*	*	0

5.5 (continued)
DEATHS BY AGE GROUP FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2013

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unknown
Malignant neoplasm of kidney and renal pelvis	20†	0	0	0	0	0	*	*	*	*	*	*	0
Malignant neoplasm of bladder	0†	0	0	0	0	0	0	0	0	*	0	0	0
Malignant neoplasm of meninges, brain and other parts of CNS	0†	0	0	0	0	0	0	*	*	*	0	0	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	30†	0	0	*	0	*	*	*	*	7	*	*	0
Hodgkin's disease	0†	0	0	0	0	0	0	0	0	0	*	0	0
Non-Hodgkin's lymphoma	0†	0	0	0	0	0	0	0	*	*	*	*	0
Leukemia	10†	0	0	*	0	*	*	*	*	*	0	*	0
Multiple myeloma and immunoproliferative neoplasms	10†	0	0	0	0	0	*	*	*	*	*	*	0
Other and unspecified malignant neoplasms of lymphoid tissue	0	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasm	30†	0	0	0	0	*	0	*	6	*	6	*	0
In situ neoplasms	10†	0	0	0	0	0	*	*	0	0	*	*	0
Anemias	0	0	0	0	0	0	0	0	0	0	0	0	0
Diabetes	140†	0	0	0	*	*	19	19	35	31	22	13	0
Nutritional deficiencies	10†	0	0	0	0	0	0	0	0	*	0	*	0
Malnutrition	10†	0	0	0	0	0	0	0	0	*	0	*	0
Other nutritional deficiencies	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
Parkinson's disease	10†	0	0	0	0	0	0	0	0	*	6	*	0
Alzheimer's disease	30†	0	0	0	0	0	0	0	*	*	14	7	0
Major cardiovascular diseases	310†	*	0	0	*	6	9	31	48	62	82	67	0
Diseases of heart	230†	*	0	0	*	*	7	23	36	43	59	54	0
Acute rheumatic fever and chronic rheumatic heart disease	0†	0	0	0	0	0	0	0	*	0	*	*	0
Hypertensive heart disease	20†	0	0	0	0	*	0	*	*	*	*	*	0
Hypertensive heart and renal disease	0†	0	0	0	0	0	0	0	0	0	*	0	0
Ischemic heart disease	150†	0	0	0	0	0	*	11	31	33	36	40	0
Acute myocardial infarction	30†	0	0	0	0	0	0	*	*	10	8	7	0
Other acute ischemic heart disease	0†	0	0	0	0	0	0	0	0	*	0	0	0
Other forms of chronic ischemic heart disease	120†	0	0	0	0	0	*	8	26	22	28	33	0
Atherosclerotic cardiovascular disease	50†	0	0	0	0	0	*	6	15	*	7	11	0
All other forms of chronic ischemic heart disease	70†	0	0	0	0	0	*	*	11	17	21	22	0
Other heart diseases	50†	*	0	0	*	*	*	7	*	8	16	9	0
Acute and subacute endocarditis	0†	0	0	0	0	0	0	0	0	*	*	0	0
Diseases of pericardium and acute myocarditis	0	0	0	0	0	0	0	0	0	0	0	0	0
Heart failure	10†	0	0	0	0	0	0	0	0	*	*	*	0
All other forms of heart disease	40†	*	0	0	*	*	*	7	*	6	10	6	0

5.5 (continued)
DEATHS BY AGE GROUP FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2013

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unknown
Essential (primary) hypertension and hypertensive renal disease	30†	0	0	0	0	*	0	*	*	6	*	*	0
Cerebrovascular diseases	40†	0	0	0	0	0	*	*	*	11	14	7	0
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	*	0	0
Other disorders of circulatory system	0†	0	0	0	0	*	*	*	0	0	*	0	0
Influenza and pneumonia	50†	0	*	0	0	*	*	7	*	6	13	11	0
Influenza	0†	0	*	0	0	0	0	0	0	*	0	0	0
Pneumonia	40†	0	0	0	0	*	*	7	*	*	13	11	0
Other acute lower respiratory infections	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchiolitis	0	0	0	0	0	0	0	0	0	0	0	0	0
Unspecified acute lower respiratory infection	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases	30†	0	*	0	0	0	*	*	*	*	9	8	0
Bronchitis, chronic and unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema	0	0	0	0	0	0	0	0	0	0	0	0	0
Asthma	0†	0	*	0	0	0	*	0	0	0	*	*	0
Other chronic lower respiratory diseases	20†	0	0	0	0	0	*	*	*	*	8	7	0
Pneumoconioses and chemical effects	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
Other disease of respiratory system	30†	0	0	0	0	0	*	*	*	*	7	13	0
Peptic ulcer	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
Hernia	0†	0	0	0	0	0	0	*	0	0	0	0	0
Chronic liver disease and cirrhosis	170†	0	0	0	*	16	38	54	42	15	0	0	0
Alcoholic liver disease	130†	0	0	0	*	14	36	41	31	8	0	0	0
Other chronic liver disease and cirrhosis	40†	0	0	0	0	*	*	13	11	7	0	0	0
Cholelithiasis and other disorders of gallbladder	10†	0	0	0	0	0	*	0	*	*	*	*	0
Nephritis, nephrotic syndrome and nephrosis	30†	0	0	0	0	*	*	*	*	8	7	*	0
Acute and rapidly progressive nephritic and nephrotic syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis	0†	0	0	0	0	0	*	0	0	0	0	*	0
Renal failure	30†	0	0	0	0	*	*	*	*	8	7	*	0
Others disorders of kidney	0	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney	0†	0	0	0	0	0	0	0	*	0	*	0	0
Hyperplasia of prostate	0	0	0	0	0	0	0	0	0	0	0	0	0

5.5 (continued)
DEATHS BY AGE GROUP FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2013

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unknown
Inflammatory diseases of female pelvic organs	0†	0	0	0	0	0	0	*	0	0	0	0	0
Pregnancy, childbirth and the puerperium	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
Other complications of pregnancy, childbirth and the puerperium	0†	0	0	0	0	*	0	0	0	0	0	0	0
Perinatal conditions	12	11	0	0	0	0	0	0	0	0	0	0	*
Congenital anomalies, deformations and chromosomal abnormalities	20†	11	*	0	*	*	*	0	*	*	0	0	0
Symptoms, signs, abnormal findings	100†	*	*	*	*	13	12	14	13	10	15	9	0
Total accidents	280†	*	10	*	37	61	47	47	40	7	17	11	0
Transport accidents	100†	*	7	*	21	31	11	8	11	*	6	*	0
Motor vehicle accidents	100†	*	7	*	18	29	11	7	11	*	*	*	0
Other land transport accidents	10†	0	0	0	*	*	0	*	0	0	*	0	0
Water, air, space	0	0	0	0	0	0	0	0	0	0	0	0	0
Nontransport accidents	180†	*	*	*	16	30	36	39	29	*	11	10	0
Falls	20†	0	0	*	0	*	*	*	*	0	*	*	0
Accidental discharge of firearms	0†	0	*	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	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
Accidental poisoning	110†	0	0	0	9	26	27	23	18	*	*	0	0
Excessive natural heat	10†	0	0	0	*	0	0	*	0	*	*	*	0
Excessive natural cold	10†	0	0	0	*	0	0	7	*	*	0	0	0
Other and unspecified nontransport accidents	50†	*	*	*	6	*	*	11	8	*	*	*	0
Intentional self-harm (suicide)	70†	0	0	*	24	16	15	10	0	0	0	0	0
By discharge of firearms	20†	0	0	0	*	*	6	*	0	0	0	0	0
By other means	50†	0	0	*	21	13	9	*	0	0	0	0	0
Assault (homicide)	60†	0	*	*	11	19	9	8	*	*	0	0	0
By discharge of firearms	20†	0	0	0	6	*	*	6	*	0	0	0	0
By other means	40†	0	*	*	*	14	7	*	*	*	0	0	0
Legal intervention	0	0	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent	20†	*	*	0	*	*	*	*	*	0	0	0	0
Discharge of firearms	0†	0	0	0	0	*	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent	20†	*	*	0	*	*	*	*	*	0	0	0	0
Operations of war	0	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	10†	0	0	0	0	0	0	*	0	*	0	*	0
INJURY BY FIREARMS	40†	0	*	0	9	9	8	11	*	0	0	0	0
DRUG-INDUCED DEATHS	50†	0	0	0	*	17	13	12	8	0	0	0	0
ALCOHOL-INDUCED DEATHS	230†	0	0	0	8	29	64	65	52	9	*	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.

5.6

DEATHS BY RESIDENCE FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2013

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	San Carlos Apache Tribe	San Xavier	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	1,955	9	6	28	5	1	29	5	91	14	651	30	47	81	14	93	102	9	31	1,220†	242	117	62	316	737
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	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	0	0	10†	*	*	0	*	10†
Enterocolitis due to Clostridium difficile	10†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	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	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	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	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	24	0	*	0	0	0	*	0	0	0	6	*	*	0	0	*	*	0	0	20†	*	*	*	*	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	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	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	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	0
Viral hepatitis	19	0	0	*	0	0	0	0	0	0	6	*	0	0	0	*	0	0	0	10†	*	*	*	*	10†
Human immunodeficiency virus (HIV) disease	10†	0	0	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0	0†	*	*	0	0	0†
Malaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases	10†	0	0	*	0	0	0	0	*	0	*	0	0	*	0	*	*	0	0	10†	*	*	0	*	10†
Malignant neoplasms	243	*	*	*	*	0	*	0	12	*	88	8	7	6	*	18	*	*	0	150†	37	16	*	31	90†
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	0	0
Malignant neoplasm of esophagus	13	0	0	0	0	0	0	0	0	0	*	*	0	0	0	*	0	0	10†	*	*	0	*	10†	
Malignant neoplasm of stomach	10†	0	0	0	0	0	0	0	*	0	6	0	0	0	0	0	0	0	10†	*	0	0	*	10†	
Malignant neoplasm of colon, rectum and anus	23	0	0	0	0	0	*	0	*	0	9	0	*	*	0	0	0	0	10†	*	*	0	*	10†	
Malignant neoplasm of liver and intrahepatic bile ducts	33	*	0	*	0	0	0	0	0	*	6	*	*	*	0	*	0	0	20†	*	*	*	*	10†	
Malignant neoplasm of pancreas	21	0	0	*	*	0	*	0	*	*	7	*	0	0	0	*	0	0	10†	*	*	*	*	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	0
Malignant neoplasm of trachea, bronchus and lung	18	0	0	0	0	0	0	0	*	0	*	0	0	0	0	*	0	0	10†	7	*	0	*	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	0
Malignant neoplasm of breast	17	0	0	0	0	0	0	0	*	0	*	*	*	*	0	*	0	0	10†	*	0	0	*	10†	
Malignant neoplasm of cervix uteri	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0†	*	0	0	0	0†	
Malignant neoplasm of corpus uteri and uterus, part unspecified	0†	0	0	0	0	0	0	0	0	0	0	0	*	*	0	0	0	*	0†	0	0	0	0	0†	
Malignant neoplasm of ovary	10†	0	0	0	0	0	0	0	0	0	8	0	0	0	0	*	0	0	10†	*	0	0	0	0†	
Malignant neoplasm of prostate	10†	0	0	0	0	0	0	0	*	0	6	0	0	0	0	0	*	0	10†	0	*	*	*	0†	
Malignant neoplasm of kidney and renal pelvis	20†	0	0	0	0	0	0	0	*	0	6	*	*	0	*	*	0	0	10†	*	*	0	*	0†	

5.6 (continued)

DEATHS BY RESIDENCE FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2013

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	San Carlos Apache Tribe	San Xavier	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	0†	
Malignant neoplasm of meninges, brain and other parts of CNS	0†	0	0	0	0	0	0	0	*	0	0	0	0	*	0	0	0	0	0	0	0†	*	0	0	0	0	0†
Malignant neoplasm of lymphoid, hematopoietic and related tissue	30†	0	*	0	0	0	0	0	0	0	15	0	*	0	0	*	0	*	0	0	20†	*	*	*	*	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	0†	0	*	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0†	0	*	0	0	0†	
Leukemia	10†	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	*	0	0	0	10†	*	0	0	0	0†	
Multiple myeloma and immunoproliferative neoplasms	10†	0	0	0	0	0	0	0	0	0	*	0	*	0	0	*	0	0	0	0	10†	*	0	0	*	0†	
Other and unspecified malignant neoplasms of lymphoid tissue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
All other and unspecified malignant neoplasm	28	0	0	*	0	0	0	0	0	0	14	*	*	0	0	*	0	0	0	0	20†	*	*	*	*	10†	
In situ neoplasms	10†	*	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	0	0	0	0	0	
Diabetes	142	0	0	*	*	0	*	0	*	*	38	*	*	9	0	9	7	0	0	0	80†	25	13	*	22	60†	
Nutritional deficiencies	10†	0	0	0	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	0	0	0	0	0†	0	0	0	*	0†	
Other nutritional deficiencies	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0†	0	0	0	*	0†	
Obesity	14	0	0	0	0	0	0	0	*	0	*	0	0	*	0	*	0	0	0	0	10†	*	*	*	*	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	0	
Parkinson's disease	10†	0	0	0	0	0	0	0	0	0	6	0	0	0	0	*	0	0	0	0	10†	0	*	*	*	0†	
Alzheimer's disease	25	0	0	0	*	0	*	0	0	0	6	0	*	*	0	*	*	*	0	0	20†	*	*	0	*	10†	
Major cardiovascular diseases	309	*	*	9	0	0	*	*	14	*	98	*	8	10	*	20	11	0	0	180†	38	19	10	58	125		
Diseases of heart	231	*	*	9	0	0	*	0	12	*	69	*	*	6	0	14	9	0	0	130†	32	11	9	47	99		
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†		
Hypertensive heart disease	19	0	0	*	0	0	0	0	*	0	*	0	*	*	0	*	*	0	0	0	10†	*	*	0	*	10†	
Hypertensive heart and renal disease	0†	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0†	0	0	0	0	0		
Ischemic heart disease	154	*	0	6	0	0	*	0	7	*	44	*	*	*	0	12	6	0	0	90†	23	6	*	35	70†		
Acute myocardial infarction	33	0	0	*	0	0	0	0	*	0	9	0	0	0	*	*	0	0	0	20†	7	*	*	*	10†		
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	120	*	0	*	0	0	*	0	*	*	35	*	*	*	0	10	*	0	0	70†	16	*	*	30	60†		
Atherosclerotic cardiovascular disease	46	0	0	0	0	0	*	0	*	*	11	*	*	0	0	*	*	0	0	20†	7	*	*	13	30†		
All other forms of chronic ischemic heart disease	74	*	0	*	0	0	*	0	*	0	24	*	0	*	0	7	*	0	0	50†	9	*	*	17	30†		
Other heart diseases	53	0	*	*	0	0	*	0	*	0	22	0	*	*	0	*	*	0	0	30†	*	*	*	8	20†		
Acute and subacute endocarditis	0†	0	0	*	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0†	0	0	0	0	0		
Diseases of pericardium and acute myocarditis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Heart failure	10†	0	0	0	0	0	0	0	*	0	*	0	0	0	0	0	*	0	0	0	10†	0	0	*	0	0†	
All other forms of heart disease	42	0	*	*	0	0	*	0	*	0	17	0	*	*	0	0	*	0	0	30†	*	*	*	8	20†		

5.6 (continued)

DEATHS BY RESIDENCE FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2013

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	San Carlos Apache Tribe	San Xavier	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	25	0	0	0	0	0	*	*	*	0	*	*	*	0	*	0	0	0	0	20†	0	*	0	*	10†	
Cerebrovascular diseases	43	0	*	0	0	0	0	0	*	0	18	0	*	*	*	*	0	0	0	30†	*	*	*	*	7	20†
Atherosclerosis	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
Other diseases of circulatory system	10†	0	0	0	0	0	0	0	0	0	*	0	*	0	0	0	0	0	0	10†	*	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	0	0	0
Other disease of arteries, arterioles and capillaries	0†	0	0	0	0	0	0	0	0	0	*	0	*	0	0	0	0	0	0	0†	*	0	0	0	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	0
Influenza and pneumonia	46	0	0	0	0	0	0	0	*	0	21	0	0	*	0	*	*	0	0	30†	*	*	*	*	6	20†
Influenza	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	*	0	0	0†	0	0	0	0	0	0
Pneumonia	44	0	0	0	0	0	0	0	*	0	20	0	0	*	0	*	*	0	0	30†	*	*	*	*	6	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	0	0	0	0	0
Acute bronchiolitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0
Chronic lower respiratory diseases	27	0	0	0	0	0	0	0	0	0	*	*	0	*	0	0	*	0	*	10†	*	*	0	*	9	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	0	0
Emphysema	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asthma	0†	0	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	23	0	0	0	0	0	0	0	0	0	*	*	0	*	0	0	*	0	*	10†	*	*	0	*	7	10†
Pneumoconioses and chemical effects	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0†	0	0	0	0	0	0
Pneumonitis due to solids and liquids	14	0	0	0	0	0	0	0	0	0	*	0	0	*	0	*	0	0	0	10†	*	*	0	*	10†	
Other disease of respiratory system	29	0	0	0	0	0	0	0	6	0	13	0	0	*	0	*	*	0	0	20†	*	0	*	*	10†	
Peptic ulcer	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	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	0	0
Hernia	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†
Chronic liver disease and cirrhosis	166	*	0	*	0	0	*	*	*	*	30	*	11	10	7	7	10	*	0	90†	27	13	6	27	73	
Alcoholic liver disease	131	*	0	*	0	0	*	*	*	*	22	*	10	9	*	*	8	*	0	70†	25	8	*	19	60†	
Other chronic liver disease and cirrhosis	35	0	0	*	0	0	0	0	*	0	8	0	*	*	*	*	0	0	20†	*	*	*	*	8	20†	
Cholelithiasis and other disorders of gallbladder	10†	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	31	0	0	0	0	0	*	0	*	0	13	*	*	*	0	0	*	*	0	20†	*	0	*	*	10†	
Acute and rapidly progressive nephritic and nephrotic syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chronic glomerulonephritis	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0†	0	0	0	0	0	0	
Renal failure	29	0	0	0	0	0	*	0	*	0	11	*	*	*	0	0	*	*	0	20†	*	0	*	*	10†	
Others disorders of kidney	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Infections of kidney	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	*	0	0†	

5.6 (continued)

DEATHS BY RESIDENCE FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2013

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	San Carlos Apache Tribe	San Xavier	Tohono O'Odham Nation	White Mountain Apache Tribe	Yavapai-Apache Nation	Yavapai-Prescott Indian Tribe	Total	in Maricopa County	in Pima County	in Coconino County	elsewhere in Arizona	Total	
Hyperplasia of prostate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0
Pregnancy, childbirth and the puerperium	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0†	0	0	0	0	0
Pregnancy with abortive outcome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0†	0	0	0	0	0
Perinatal conditions	10†	0	0	0	0	0	*	0	0	*	*	0	*	*	0	*	0	0	0	0	10†	0	0	*	0	0†
Congenital anomalies, deformations and chromosomal abnormalities	20†	*	0	0	0	0	0	0	*	0	*	0	*	*	*	*	0	0	0	0	10†	*	0	*	*	10†
Symptoms, signs, abnormal findings	99	*	0	*	0	*	*	0	*	0	32	0	*	*	0	*	*	0	0	50†	9	*	*	31	50†	
Total accidents	284	0	*	*	*	0	*	*	16	*	110	*	*	8	*	11	26	*	0	200†	32	11	11	34	88	
Transport accidents	102	0	*	*	0	0	*	0	*	0	46	*	*	*	0	*	*	0	0	70†	12	6	*	12	30†	
Motor vehicle accidents	95	0	*	*	0	0	*	0	*	0	44	*	*	*	0	*	*	0	0	60†	11	6	*	11	30†	
Other land transport accidents	10†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	*	0	0	0†	*	0	*	*	0†	
Water, air, space	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Nontransport accidents	182	0	*	*	*	0	*	*	12	*	64	*	*	*	*	7	21	*	0	130†	20	*	7	22	50†	
Falls	20†	0	0	0	0	0	0	*	*	*	8	0	0	0	0	*	*	0	0	20†	*	0	*	0	0†	
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	0	0	0†	
Accidental drowning and submersion	0†	0	0	0	0	0	0	*	0	0	*	0	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	0	0†	0	0	0	*	0†	
Accidental poisoning	106	0	0	*	*	0	*	*	7	*	23	*	*	*	*	18	*	0	0	70†	16	*	*	16	40†	
Excessive natural heat	6	0	0	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	10†	0	0	0	0	0	0	
Excessive natural cold	10†	0	*	0	0	0	0	0	*	0	9	*	0	0	0	0	0	0	10†	0	0	0	*	0†	0	
Other and unspecified nontransport accidents	46	0	*	0	0	0	*	0	*	0	31	*	0	*	0	*	*	0	0	40†	0	*	*	*	10†	
Intentional self-harm (suicide)	69	0	0	0	0	0	*	0	*	0	23	0	0	6	0	*	6	0	0	50†	6	*	*	11	20†	
By discharge of firearms	17	0	0	0	0	0	*	0	*	0	*	0	0	*	0	0	0	0	10†	*	*	0	*	10†	0	
By other means	52	0	0	0	0	0	*	0	0	0	19	0	0	*	0	*	6	0	0	40†	*	*	*	7	20†	
Assault (homicide)	55	0	0	*	0	0	0	0	*	0	23	0	*	*	0	*	*	0	0	30†	9	*	*	9	20†	
By discharge of firearms	20	0	0	0	0	0	0	0	0	0	8	0	*	0	0	0	0	0	10†	6	*	0	*	10†	0	
By other means	35	0	0	*	0	0	0	0	*	0	15	0	0	*	0	*	*	0	0	20†	*	0	*	7	10†	
Legal intervention	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Events of undetermined intent	18	0	0	0	0	0	0	0	0	0	*	*	*	*	0	0	*	0	0	10†	*	0	*	*	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	0	0	
Other and unspecified events of undetermined intent	17	0	0	0	0	0	0	0	0	0	*	*	0	*	0	0	*	0	0	10†	*	0	*	*	10†	
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	0	0	
Complications of medical and surgical care	10†	0	0	0	0	0	0	0	0	0	*	0	0	0	*	0	0	0	0	0†	*	0	0	*	0†	
INJURY BY FIREARMS	39	0	0	0	0	0	*	0	*	0	12	0	*	*	0	0	0	0	20†	8	*	0	7	20†	0	
DRUG-INDUCED DEATHS	54	0	0	*	0	0	*	0	0	*	*	*	*	*	*	7	0	0	20†	15	*	*	13	30†	0	
ALCOHOL-INDUCED DEATHS	229	*	0	*	*	0	*	*	11	*	56	*	14	11	*	6	25	*	0	140†	34	11	10	31	86	

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, 2013

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	1,960†	424	5	232	66	27	0	30	317	37	383	251	130	0	27	22	4
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
Certain other intestinal infections	10†	*	0	0	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
Respiratory tuberculosis	0†	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other tuberculosis	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Whooping cough	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
Septicemia	20†	*	0	*	0	0	0	0	*	0	7	6	*	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	20†	*	0	*	0	0	0	*	*	*	0	6	*	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
Malignant neoplasms	240†	60	*	22	*	*	0	*	46	6	33	42	14	0	*	*	0
Malignant neoplasm of lip, oral cavity and pharynx	0†	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of esophagus	10†	*	0	0	0	0	0	0	*	0	*	*	*	0	0	*	0
Malignant neoplasm of stomach	10†	*	0	*	0	0	0	0	*	*	*	0	0	0	0	*	0
Malignant neoplasm of colon, rectum and anus	20†	*	0	*	0	*	0	0	6	0	*	*	*	0	*	0	0
Malignant neoplasm of liver and intrahepatic bile ducts	30†	*	0	*	*	0	0	*	6	*	*	12	*	0	*	0	0
Malignant neoplasm of pancreas	20†	8	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	7	*	*	*	*	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	20†	0	*	*	*	0	0	0	6	*	*	*	*	0	0	0	0
Malignant neoplasm of cervix uteri	0†	*	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	0†	0	0	0	*	0	0	0	*	0	*	0	0	0	*	0	0
Malignant neoplasm of ovary	10†	6	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
Malignant neoplasm of kidney and renal pelvis	20†	*	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, 2013

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Malignant neoplasm of meninges, brain and other parts of CNS	0†	0	0	0	*	0	0	0	*	0	*	0	0	0	0	0	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	30†	9	0	*	0	0	0	0	*	0	*	*	*	0	*	*	0
Hodgkin's disease	0†	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	0†	*	0	*	0	0	0	0	0	0	0	*	0	0	0	*	0
Leukemia	10†	*	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
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	30†	10	0	*	0	0	0	*	*	0	*	6	0	0	0	0	0
In situ neoplasms	10†	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
Diabetes	140†	23	*	10	9	*	0	*	28	*	24	27	8	0	*	*	0
Nutritional deficiencies	10†	*	*	*	0	0	0	0	0	0	0	0	*	0	0	0	0
Malnutrition	10†	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0	0
Other nutritional deficiencies	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
Parkinson's disease	10†	*	0	*	0	0	0	0	0	0	*	*	0	0	0	0	0
Alzheimer's disease	30†	*	0	*	*	*	0	0	*	0	*	6	*	0	*	0	0
Major cardiovascular diseases	310†	64	*	33	8	*	0	10	49	8	52	43	28	0	*	*	0
Diseases of heart	230†	44	*	25	6	*	0	10	38	8	40	27	23	0	*	*	0
Acute rheumatic fever and chronic rheumatic heart disease	0†	*	0	0	0	*	0	0	0	0	0	*	*	0	0	0	0
Hypertensive heart disease	20†	*	0	*	0	*	0	*	6	*	*	*	*	0	0	0	0
Hypertensive heart and renal disease	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Ischemic heart disease	150†	26	*	14	*	*	0	7	25	6	30	20	16	0	*	*	0
Acute myocardial infarction	30†	*	0	*	*	0	0	*	7	0	11	*	*	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
Other forms of chronic ischemic heart disease	120†	21	*	11	*	*	0	6	18	6	19	17	13	0	*	*	0
Atherosclerotic cardiovascular disease	50†	*	0	*	*	0	0	0	8	*	7	8	6	0	*	*	0
All other forms of chronic ischemic heart disease	70†	16	*	7	*	*	0	6	10	*	12	9	7	0	*	*	0
Other heart diseases	50†	15	0	9	*	0	0	*	6	*	8	*	*	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	0
Heart failure	10†	*	0	*	0	0	0	0	0	0	*	0	0	0	0	0	0
All other forms of heart disease	40†	10	0	7	*	0	0	*	6	*	6	*	*	0	*	*	0
Essential (primary) hypertension and hypertensive renal disease	30†	*	0	*	*	*	0	0	*	0	*	9	*	0	0	0	0
Cerebrovascular diseases	40†	13	0	*	*	0	0	0	*	0	8	7	*	0	*	*	0

5.7 (continued)
DEATHS BY COUNTY OF RESIDENCE FOR SELECTED CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2013

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
Other diseases of circulatory system	10†	*	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
Other disease of arteries, arterioles and capillaries	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
Influenza and pneumonia	50†	14	0	8	*	0	0	0	*	0	12	*	*	0	0	0	0
Influenza	0†	0	0	*	0	0	0	0	0	0	*	0	0	0	0	0	0
Pneumonia	40†	14	0	7	*	0	0	0	*	0	11	*	*	0	0	0	0
Other acute lower respiratory infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchiolitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unspecified acute lower respiratory infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases	30†	*	0	*	*	0	0	*	*	*	6	*	*	0	*	*	0
Bronchitis, chronic and unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asthma	0†	*	0	*	0	0	0	0	0	0	*	0	0	0	0	0	0
Other chronic lower respiratory diseases	20†	*	0	0	*	0	0	*	*	*	*	*	*	0	*	*	0
Pneumoconioses and chemical effects	0†	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonitis due to solids and liquids	10†	*	0	0	*	0	0	0	*	0	*	*	0	0	0	0	*
Other disease of respiratory system	30†	7	*	6	*	0	0	0	*	0	11	*	*	0	0	0	0
Peptic ulcer	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
Hernia	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0
Chronic liver disease and cirrhosis	170†	17	0	16	6	*	0	*	39	6	30	29	13	0	*	*	0
Alcoholic liver disease	130†	12	0	13	*	*	0	*	36	*	24	19	9	0	*	*	0
Other chronic liver disease and cirrhosis	40†	*	0	*	*	0	0	*	*	*	6	10	*	0	0	*	0
Cholelithiasis and other disorders of gallbladder	10†	*	0	*	0	0	0	0	0	0	*	0	*	0	0	0	0
Nephritis, nephrotic syndrome and nephrosis	30†	*	0	*	*	*	0	0	*	0	7	*	*	0	*	0	0
Acute and rapidly progressive nephritic and nephrotic syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis	0†	0	0	*	0	0	0	0	0	0	*	0	0	0	0	0	0
Renal failure	30†	*	0	*	*	*	0	0	*	0	6	*	*	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	0
Inflammatory diseases of female pelvic organs	0†	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
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, 2013

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	Unknown
Other complications of pregnancy, childbirth and the puerperium	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
Perinatal conditions	10†	*	0	*	*	*	0	0	*	*	0	*	0	0	0	0	0
Congenital anomalies, deformations and chromosomal abnormalities	20†	*	0	*	*	0	0	0	*	0	*	*	*	0	0	0	0
Symptoms, signs, abnormal findings	100†	45	0	*	*	0	0	*	10	*	20	7	6	0	0	0	0
Total accidents	280†	65	0	46	8	*	0	*	39	*	70	27	11	0	*	*	*
Transport accidents	100†	27	0	16	*	0	0	*	14	0	22	11	*	0	0	*	*
Motor vehicle accidents	100†	25	0	15	*	0	0	*	13	0	20	11	*	0	0	*	*
Other land transport accidents	10†	*	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
Nontransport accidents	180†	38	0	30	*	*	0	*	25	*	48	16	6	0	*	*	*
Falls	20†	6	0	*	0	0	0	0	*	*	*	*	0	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	0†	*	0	*	*	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	*
Accidental poisoning	110†	6	0	18	*	0	0	*	20	*	36	10	*	0	*	*	0
Excessive natural heat	10†	*	0	*	0	*	0	0	0	0	0	0	0	0	0	0	0
Excessive natural cold	10†	*	0	*	0	0	0	0	0	0	6	*	0	0	0	*	0
Other and unspecified nontransport accidents	50†	24	0	6	*	*	0	0	*	0	8	*	*	0	0	*	0
Intentional self-harm (suicide)	70†	20	0	9	*	*	0	0	11	*	9	7	6	0	0	0	0
By discharge of firearms	20†	*	0	*	*	0	0	0	*	0	*	*	*	0	0	0	0
By other means	50†	16	0	7	*	*	0	0	6	*	7	*	*	0	0	0	0
Assault (homicide)	60†	12	0	6	*	*	0	*	10	0	13	*	*	0	0	0	*
By discharge of firearms	20†	*	0	*	0	0	0	0	7	0	*	*	*	0	0	0	0
By other means	40†	8	0	*	*	*	0	*	*	0	9	*	*	0	0	0	*
Legal intervention	0	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
Discharge of firearms	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent	20†	*	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	10†	0	0	*	0	0	0	0	*	0	*	*	*	0	0	0	0
INJURY BY FIREARMS	40†	8	0	*	*	0	0	0	13	0	6	*	*	0	0	*	0
DRUG-INDUCED DEATHS	50†	0	0	*	*	0	0	*	17	*	8	9	*	0	*	*	0
ALCOHOL-INDUCED DEATHS	230†	25	0	34	7	*	0	*	50	6	63	23	11	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.

5.8

DEATHS FROM MOTOR VEHICLE-RELATED INJURIES AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE, GENDER, AND AGE GROUP, ARIZONA, 2013

	TOTAL	Resided on reservation											Resided off reservation								
		Cocopah Tribe	Colorado River Indian Tribe	Gila River Indian Community	Hopi Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Indian Community	San Carlos Apache Tribe	Tohono O'Odham Nation	White Mountain Apache Tribe	TOTAL	---in Maricopa County	---in Pima County	---in Coconino County	---elsewhere in Arizona	TOTAL				
TOTAL	ALL AGES	100†	0†	0†	0†	0†	40†	0†	0†	0†	0†	0†	0†	0†	60†	10†	10†	0†	10†	30†	
	<1	0†	0	0	0	0	0	0	0	0	0	*	0	0†	0	0	0	0	0	0	0
	1-4	7	0	*	0	0	*	0	0	*	*	0	*	10†	0	0	0	0	0	0	0
	5-14	0†	0	0	0	0	*	0	0	0	0	0	0	0†	*	0	0	*	*	0†	0†
	15-24	20†	0	0	0	0	10	0	*	*	0	*	*	10†	*	0	0	*	*	0†	0†
	25-34	29	0	0	*	0	10	*	0	0	0	*	*	10†	*	*	*	*	*	20†	20†
	35-44	10†	0	0	0	0	8	0	0	0	0	0	0	8	*	*	0	0	0	0†	0†
	45-54	10†	0	0	0	0	*	0	*	0	0	0	0	0†	*	*	0	*	*	0†	0†
	55-64	10†	*	0	0	*	*	0	0	0	0	*	*	10†	0	*	0	*	*	0†	0†
	65-74	0†	0	0	0	0	*	0	0	0	0	0	0	0†	0	0	0	0	0	0	0
	75-84	10†	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	0
M	ALL AGES	60†	0	0†	0†	0†	30†	0	0†	0†	0†	0†	0†	40†	10†	0†	0†	0†	10†	20†	20†
	1-4	0†	0	*	0	0	*	0	0	0	0	0	0	0†	0	0	0	0	0	0	0
	5-14	0†	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	*	0†	0†
	15-24	10†	0	0	0	0	*	0	*	*	0	*	*	10†	*	0	0	0	*	*	0†
	25-34	18	0	0	*	0	10	0	0	0	0	0	*	10†	*	0	*	*	*	10†	10†
	35-44	10†	0	0	0	0	*	0	0	0	0	0	0	10†	*	0	0	0	0	0†	0†
	45-54	10†	0	0	0	0	*	0	*	0	0	0	0	0†	0	*	0	*	*	0†	0†
	55-64	10†	0	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	0	0
	75-84	0†	0	0	0	*	*	0	0	0	0	0	0	0†	0	0	0	0	*	*	0†
F	ALL AGES	40†	0†	0	0	0†	10†	0†	0	0†	0†	0	0	20†	10†	10†	0†	0†	0†	20†	20†
	<1	0†	0	0	0	0	0	0	0	0	*	0	0	0†	0	0	0	0	0	0	0
	1-4	0†	0	0	0	0	0	0	0	*	*	0	0	0†	0	0	0	0	0	0	0
	5-14	0†	0	0	0	0	*	0	0	0	0	0	0	0†	0	0	0	0	0	0	0
	15-24	10†	0	0	0	0	*	0	0	0	0	0	0	10†	*	0	0	0	0	0†	0†
	25-34	10†	0	0	0	0	0	*	0	0	0	*	0	0†	*	*	0	*	*	10†	10†
	35-44	10†	0	0	0	0	*	0	0	0	0	0	0	0†	*	*	0	0	0	0†	0†
	45-54	0†	0	0	0	0	*	0	0	0	0	0	0	0†	*	0	0	0	0	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	0	0	0
	75-84	0†	0	0	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	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, 2013

		TOTAL	Resided on reservation								Resided off reservation					
			Gila River Indian Community	Hopi Tribe	Navajo Nation	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 AGES	70†	10†	0†	20†	10†	0†	10†	0	0	50†	10†	0†	0†	10†	20†
	5-14	0†	0	0	*	0	0	*	0	0	0†	*	0	0	0	0†
	15-24	24	0	0	7	*	*	*	0	0	10†	*	*	*	*	10†
	25-34	20†	*	0	7	*	0	0	0	0	10†	*	*	*	*	10†
	35-44	20†	*	*	*	0	*	*	0	0	10†	*	*	0	*	0†
	45-54	10†	0	0	*	*	0	0	0	0	10†	*	0	0	*	0†
M	ALL AGES	60†	0†	0†	20†	10†	0†	0†	0	0	40†	10†	0†	0†	10†	20†
	5-14	0†	0	0	*	0	0	*	0	0	0†	0	0	0	0	0
	15-24	17	0	0	*	*	0	*	0	0	10†	*	*	*	*	10†
	25-34	10†	0	0	7	*	0	0	0	0	10†	*	*	0	0	0†
	35-44	10†	*	*	*	0	*	0	0	0	10†	*	*	0	*	0†
	45-54	10†	0	0	*	*	0	0	0	0	10†	*	0	0	*	0†
F	ALL AGES	10†	0†	0	0†	0	0†	0†	0	0	10†	0†	0	0†	0†	10†
	5-14	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†
	25-34	0†	*	0	0	0	0	0	0	0	0†	0	0	*	*	0†
	35-44	0†	*	0	0	0	0	*	0	0	0†	0	0	0	0	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, 2013**

		TOTAL	Resided on reservation							Resided off reservation					
			Colorado River Indian Tribe	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	60†	0†	0†	20†	0†	0†	0†	0†	30†	10†	0†	0†	10†	20†
	1-4	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†
	15-24	10†	0	0	*	*	*	0	*	10†	0	*	0	0	0†
	25-34	19	*	0	6	0	0	0	*	10†	6	0	0	*	10†
	35-44	10†	*	0	6	0	*	0	0	10†	0	0	0	*	0†
	45-54	10†	0	*	*	0	0	0	0	10†	*	0	0	*	0†
	55-64	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
M	ALL AGES	50†	0†	0†	20†	0†	0†	0†	0†	30†	10†	0†	0	10†	20†
	1-4	0†	0	0	0	0	0	*	0	0†	0	0	0	0	0
	15-24	10†	0	0	*	*	*	0	0	10†	0	*	0	0	0†
	25-34	16	*	0	*	0	0	0	*	10†	*	0	0	*	10†
	35-44	7	*	0	6	0	0	0	0	10†	0	0	0	0	0
	45-54	10†	0	*	*	0	0	0	0	10†	*	0	0	*	0†
	55-64	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
	F	ALL AGES	10†	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
5-14		0†	0	0	0	0	0	0	0	0	0	0	*	0	0†
15-24		0†	0	0	*	0	0	0	*	0†	0	0	0	0	0
25-34		0†	0	0	*	0	0	0	0	0†	*	0	0	0	0†
35-44		0†	0	0	0	0	*	0	0	0†	0	0	0	*	0†
45-54		0†	0	0	0	0	0	0	0	0	0	0	0	*	0†

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

5.11 (CORRECTION)
DIABETES-RELATED DEATHS AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE, GENDER, AND AGE GROUP,
ARIZONA, 2013

		TOTAL	Resided on reservation														Resided off reservation						
			Ak-Chin Indian Community	Cocopah Tribe	Colorado River Indian Tribe	Fort McDowell Yavapai Nation Reservation	Gila River Indian Community	Hopi Tribe	Hualapai Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Indian Community	San Carlos Apache Tribe	San Xavier	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	310†	0†	0†	10†	0†	10†	10†	0†	90†	10†	10†	20†	0†	20†	10†	0†	190†	50†	20†	10†	50†	130†
	15-24	0†	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	10†	0	*	0	*	0†
	35-44	30	0	0	0	*	*	*	*	8	0	*	*	0	*	*	0	20†	*	*	0	*	10†
	45-54	50	0	0	0	0	*	0	*	6	*	*	*	*	*	*	0	20†	16	*	0	10	30†
	55-64	73	*	0	*	0	*	*	*	19	*	*	*	0	8	*	0	50†	11	*	0	13	30†
	65-74	70	0	*	*	0	*	*	*	14	*	*	*	0	*	*	*	40†	11	7	*	11	30†
	75-84	55	0	0	*	0	*	*	0	25	0	0	*	0	*	*	0	40†	*	*	*	9	20†
	85+	28	0	0	0	0	*	0	0	15	0	0	*	0	*	0	0	20†	*	*	*	*	10†
M	ALL AGES	170†	0	0	0†	0†	10†	0†	0†	50†	0†	10†	10†	0†	10†	10†	0	100†	30†	20†	0†	30†	70†
	15-24	0†	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	*	0†
	35-44	20	0	0	0	*	*	0	*	6	0	*	*	0	*	*	0	10†	*	*	0	0	10†
	45-54	32	0	0	0	0	*	0	*	*	*	*	*	*	*	*	0	10†	13	*	0	6	20†
	55-64	40	0	0	*	0	*	0	0	15	0	*	*	0	*	*	0	30†	*	*	0	*	10†
	65-74	38	0	0	*	0	*	0	*	9	*	0	*	0	*	*	0	20†	*	*	*	8	20†
	75-84	19	0	0	0	0	*	0	0	9	0	0	0	0	0	*	0	10†	*	*	*	*	10†
	85+	15	0	0	0	0	*	0	0	*	0	0	*	0	*	0	0	10†	*	*	0	*	10†
F	ALL AGES	140†	0†	0†	0†	0	0†	10†	0†	40†	0†	0†	10†	0	10†	10†	0†	90†	20†	10†	0†	20†	50†
	25-34	0†	0	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	*	0†
	45-54	18	0	0	0	0	*	0	0	*	0	0	*	0	*	0	0	10†	*	*	0	*	10†
	55-64	33	*	0	0	0	0	*	*	*	*	*	*	0	*	0	0	20†	7	*	0	8	20†
	65-74	32	0	*	*	0	0	*	0	*	*	*	*	0	*	*	*	20†	7	*	*	*	10†
	75-84	36	0	0	*	0	0	*	0	16	0	0	*	0	*	*	0	30†	*	*	*	*	10†
	85+	10†	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	10	*	0	*	0	0†

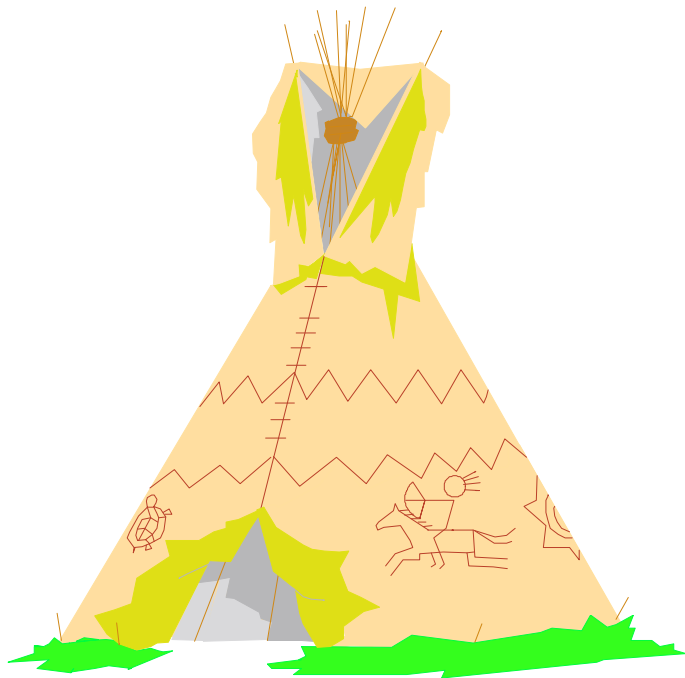
Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; Diabetes-related: deaths due to diabetes reported as multiple cause of death (any mention of diabetes on the death certificate). The number of deaths due to diabetes as the underlying cause of death (142 in 2013) 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, 2013

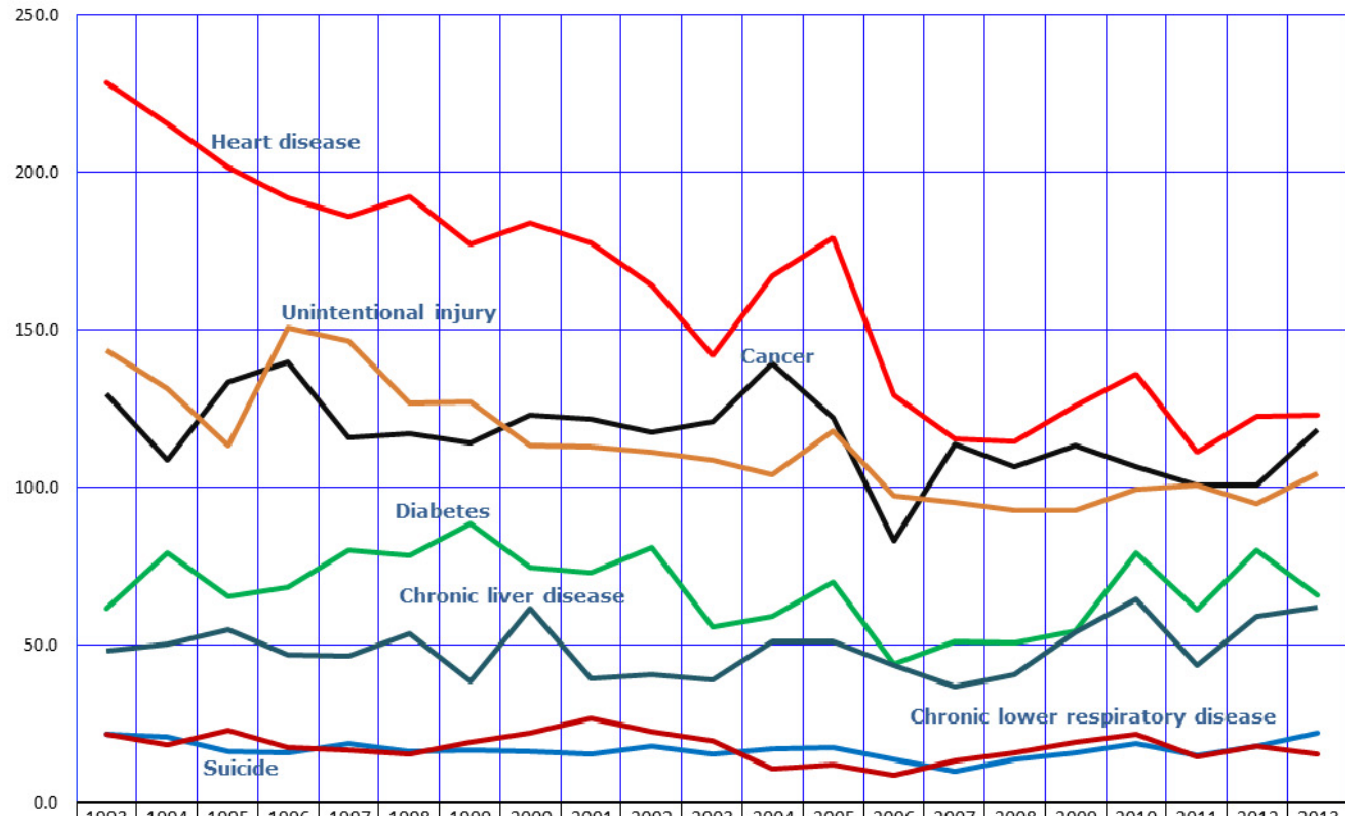
		TOTAL	Resided on reservation														Resided off reservation						
			Ak-Chin Indian Community	Colorado River Indian Tribe	Fort McDowell Yavapai Nation Reservation	Gila River Indian Community	Havasupai Tribe	Hopi Tribe	Hualapai Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Indian Community	San Carlos Apache Tribe	San Xavier	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	230†	0†	0†	0†	0†	0†	10†	10†	60†	0†	10†	10†	0†	10†	30†	0†	140†	34	10†	10†	30†	90†
	15-24	10†	0	0	*	0	*	0	0	*	0	0	0	0	0	*	0	10†	0	0	0	*	0†
	25-34	29	0	0	0	0	0	*	0	7	0	*	*	0	*	8	*	20†	0	*	*	*	10†
	35-44	64	*	0	0	0	0	*	*	17	*	*	*	*	*	6	0	40†	12	*	*	*	20†
	45-54	65	0	0	0	*	*	*	*	13	*	*	*	0	*	7	*	40†	14	*	*	*	30†
	55-64	52	0	*	0	0	0	*	0	13	0	*	*	*	0	*	0	30†	8	*	*	11	20†
	65-74	10†	0	0	0	0	0	0	0	*	0	*	0	*	*	0	0	10†	0	*	*	*	0†
	75-84	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0†	0	0	0	0	0
M	ALL AGES	160†	0	0†	0	0†	0†	10†	0†	40†	0†	10†	0†	0†	0†	20†	0†	100†	20†	10†	10†	20†	60†
	15-24	10†	0	0	0	0	0	0	0	*	0	0	0	0	0	*	0	0†	0	0	0	*	0†
	25-34	20†	0	0	0	0	0	*	0	*	0	*	0	0	*	6	*	20†	0	*	*	*	10†
	35-44	43	0	0	0	0	0	*	*	12	0	*	*	*	*	*	0	30†	9	0	*	*	20†
	45-54	45	0	0	0	*	*	*	*	12	*	*	*	0	0	*	0	30†	9	*	*	*	20†
	55-64	38	0	*	0	0	0	*	0	12	0	*	*	*	0	0	0	20†	*	*	*	7	20†
	65-74	10†	0	0	0	0	0	0	0	*	0	*	0	*	*	0	0	10†	0	*	*	*	0†
	75-84	0†	0	0	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†	0†	0†	10†	0†	0†	10†	0†	0†	10†	0†	40†	10†	10†	0	10†	30†
	15-24	0†	0	0	*	0	*	0	0	*	0	0	0	0	0	0	0	0†	0	0	0	0	0
	25-34	10†	0	0	0	0	0	0	0	*	0	0	*	0	0	*	0	10†	0	*	0	*	0†
	35-44	21	*	0	0	0	0	0	0	*	*	*	*	*	*	*	0	20†	*	*	0	*	10†
	45-54	20	0	0	0	*	0	*	*	*	0	0	*	0	*	*	*	10†	*	*	0	*	10†
	55-64	14	0	0	0	0	0	0	0	*	0	*	*	0	0	*	0	10†	*	*	0	*	10†
	65-74	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0†
	75-84	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0†	0	0	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, 1993-2013



	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Heart disease	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	122.9
Cancer	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	118.2
Unintentional injury	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	104.5
Diabetes	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	65.7
Chronic liver disease	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	62.0
Suicide	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	21.9
Chronic lower respiratory disease	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	15.5

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 2013**

Rank	Female	Both	Male
1	Cancer 114.5	Diseases of heart 122.9	Diseases of heart 159.8
2	Diseases of heart 97.1	Cancer 118.2	Unintentional injury 150.5
3	Unintentional injury 62.9	Unintentional injury 104.5	Cancer 126.0
4	Diabetes 55.0	Diabetes 65.7	Diabetes 79.7
5	Chronic liver disease and cirrhosis 55.0	Chronic liver disease and cirrhosis 62.0	Chronic liver disease and cirrhosis 70.1

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 2013" report.

5.15
Five Leading Causes of Death^a among American Indians by Gender and Residence
On or Off Reservation, Arizona, 2013

Rank	Female, resided on reservation	Female, resided off reservation	Male, resided on reservation	Male, resided off reservation
1	Cancer 16.2	Chronic liver disease and cirrhosis 12.0	Unintentional injury 16.8	Unintentional injury 34.4
2	Diseases of heart 11.8	Diseases of heart 10.0	Diseases of heart 12.2	Chronic liver disease and cirrhosis 7.8
3	Unintentional injury 10.2	Unintentional injury 10.0	Cancer 10.6	Diseases of heart 6.3
4	Chronic liver disease and cirrhosis 8.9	Diabetes 6.0	Chronic liver disease and cirrhosis 8.1	Diabetes 6.3
5	Diabetes 7.9	Cancer 4.0	Diabetes 6.9	Cancer 1.6

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, 2003-2013

Rank	Arizona male^b	American Indian male	Arizona female^b	American Indian female
1	Trachea, bronchus, lung 27.3	Prostate 11.3	Trachea, bronchus, lung 25.3	Breast 12.7
2	Lymphoma 10.8	Liver 11.0	Breast 15.4	Lymphoma 11.4
3	Prostate 10.2	Lymphoma 10.4	Lymphoma 9.4	Ovary 8.3
4	Colon, rectum, anus 9.1	Colon, rectum, anus 8.9	Colon, rectum, anus 9.3	Trachea, bronchus, lung 7.7
5	Pancreas 6.2	Trachea, bronchus, lung 8.9	Pancreas 6.4	Colon, rectum, anus 7.5
6	Liver 4.5	Stomach 8.4	Ovary 5.9	Liver 7.4
7	Leukemia 4.4	Kidney 7.6	Leukemia 3.7	Pancreas 6.3
8	Esophagus 4.0	Pancreas 7.5	Non-Hodgkin's lymphoma 3.6	Stomach 5.0
9	Non-Hodgkin's lymphoma 4.0	Esophagus 3.9	Liver 2.7	Cervix uteri 4.0
10	Bladder 3.6	Multiple myeloma 3.5	Brain 2.6	Multiple myeloma 3.8

Notes: ^a Percent of cancer deaths in specified group in 2003-2013.
^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, 2003-2013

Rank	Arizona male^b	American Indian male	Arizona female^b	American Indian female
1	Motor vehicle-related 35.4	Motor vehicle-related 49.3	Falls 34.9	Motor vehicle-related 56.7
2	Poisoning by drugs 24.0	Poisoning by drugs 9.7	Motor vehicle-related 26.0	Falls 12.5
3	Falls 17.9	Poisoning by gases 9.7	Poisoning by drugs 22.5	Poisoning by drugs 10.8
4	Accidental discharge of firearms 4.2	Falls 6.9	Choked on objects other than food 2.2	Poisoning by gases 5.0
5	Accidental drowning 3.5	Exposure to cold 5.3	Accidental drowning 2.0	Exposure to cold 2.0
6	Poisoning by gases 2.6	Accidental drowning 3.3	Misadventures to patients 1.9	Misadventures to patients 1.9
7	Exposure to heat 2.0	Accidental discharge of firearms 2.2	Choked on food 1.4	Choked on objects other than food 1.6
8	Choked on objects other than food 1.6	Mechanical suffocation 1.8	Fire, flames, smoke 1.4	Accidental drowning 1.4
9	Fire, flames, smoke 1.4	Railway accidents 1.7	Accidental discharge of firearms 1.4	Exposure to heat 1.3
10	Misadventures to patients 1.1	Exposure to heat 1.5	Poisoning by gases 1.2	Railway accidents 1.0

Notes: ^a Percent of unintentional injury deaths in specified group in 2003-2013.
^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, 2003-2013

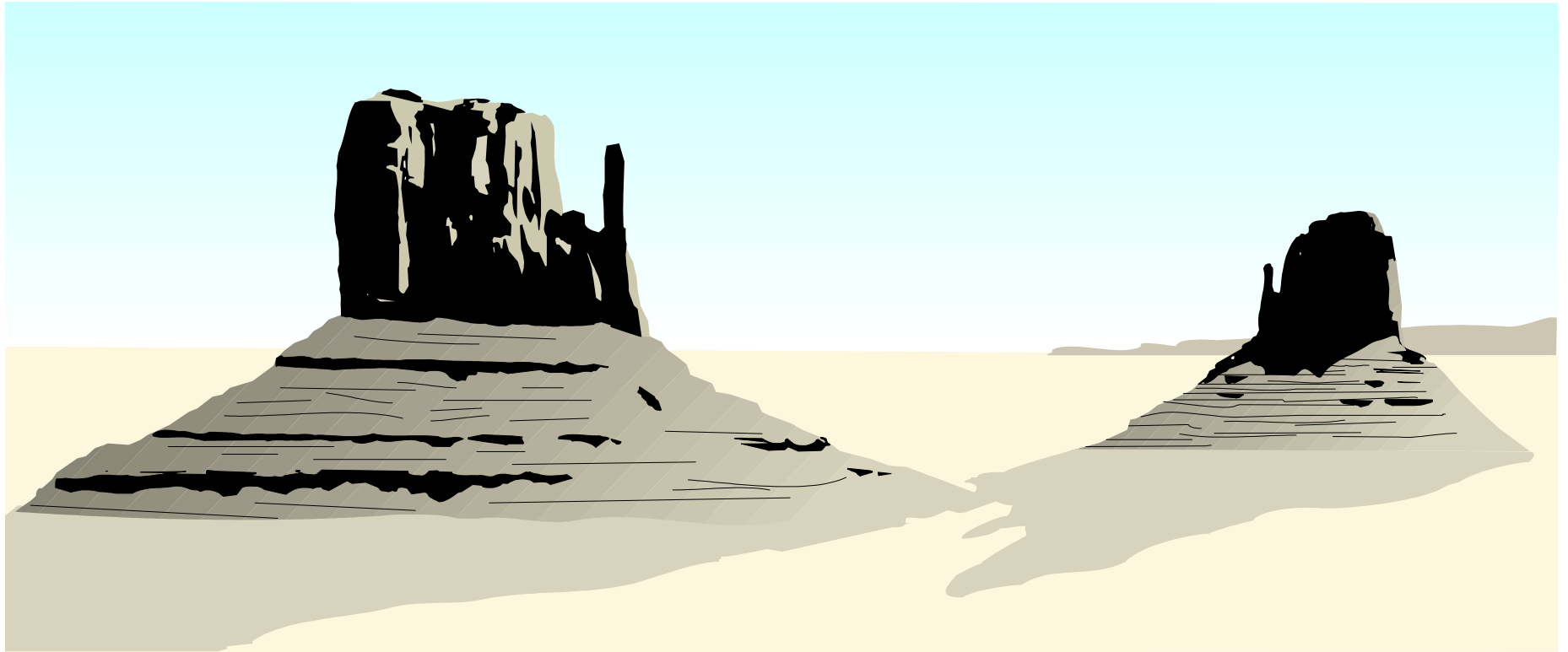
	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Malignant neoplasms, total	111,736	60,065	51,669	2,223	1,072	1,151
Malignant neoplasm of lip, oral cavity and pharynx	1,469	1,042	427	25	17	8
Malignant neoplasm of esophagus	2,958	2,393	565	60	42	18
Malignant neoplasm of stomach	2,138	1,267	871	147	90	57
Malignant neoplasm of colon, rectum and anus	10,290	5,495	4,794	181	95	86
Malignant neoplasm of liver and intrahepatic bile ducts	4,053	2,676	1,377	203	118	85
Malignant neoplasm of pancreas	7,065	3,735	3,330	152	80	72
Malignant neoplasm of larynx	616	486	130	10†	*	*
Malignant neoplasm of trachea, bronchus and lung	29,465	16,376	13,089	184	95	89
Malignant melanoma of skin	2,057	1,412	645	10†	6	*
Malignant neoplasm of breast	8,006	71	7,935	150†	*	146
Malignant neoplasm of cervix uteri	734	0	734	46	0	46
Malignant neoplasm of corpus uteri and uterus, part unspecified	1,272	0	1,272	40	0	40
Malignant neoplasm of ovary	3,070	0	3,070	96	0	96
Malignant neoplasm of prostate	6,130	6,130	0	121	121	0
Malignant neoplasm of kidney and renal pelvis	2,728	1,772	956	125	81	44
Malignant neoplasm of bladder	2,960	2,180	779	20†	12	*
Malignant neoplasm of meninges, brain and other parts of central nervous system	2,970	1,643	1,327	40	25	15
Malignant neoplasm of lymphoid, hematopoietic and related tissue	11,315	6,468	4,847	243	112	131
Hodgkin's disease	216	128	88	0†	*	*
Non-Hodgkin's lymphoma	4,260	2,385	1,875	78	36	42
Leukemia	4,558	2,669	1,889	80	36	44
Multiple myeloma and immunoproliferative neoplasms	2,273	1,282	991	82	38	44
Other and unspecified malignant neoplasms of lymphoid tissue	10†	*	*	0	0	0
All other and unspecified malignant neoplasms	12,440	6,926	5,514	381	171	210

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, 2003-2013

	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Unintentional injury, total	32,225	20,237	11,984	2,991	2,129	862
Railway accidents	109	91	18	45	36	9
Motor vehicle -related	10,281	7,164	3,117	1,539	1,050	489
Water transport accident	31	24	7	0†	*	0
Accident involving aircraft	224	186	38	0†	*	0
Poisoning by drugs/ medicaments	7,556	4,854	2,702	299	206	93
Poisoning by gases and vapors	672	526	146	250	207	43
Falls	7,806	3,627	4,178	255	147	108
Fire, flames, smoke	456	291	165	38	29	9
Excessive natural heat	542	400	142	43	32	11
Excessive natural cold	229	187	42	130	113	17
Contact with venomous snakes and lizards	10†	6	*	0†	*	0
Contact with venomous spiders	10†	*	*	0	0	0
Contact with scorpions	0	0	0	0	0	0
Contact with hornets, wasps, bees	10†	6	*	0	0	0
Bitten or struck by dog	17	8	9	0†	*	0
Lightning	10†	13	*	0†	*	0
Storms and floods	10†	6	*	0†	*	0
Accidental drowning and submersion	948	712	235	83	71	12
Choked on food	378	212	166	20†	15	*
Choked on other objects	584	324	260	38	24	14
Mechanical suffocation	304	219	85	47	38	9
Accidental discharge of firearms	1,015	851	164	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	220	227	25	9	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; ^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	2013 population of American Indians	2013 deaths among American Indians	Age-specific rates for American Indians in 2013	2000 standard	Age-adjusted rate for American Indians In 2013
A	B	C	D (C/B)*100000	E	F D*E
<1	5,878	36	612.5	.013818	8.5
1-4	22,294	21	94.2	.055317	5.2
5-14	54,903	17	31.0	.145565	4.5
15-24	55,681	90	161.6	.138646	22.4
25-34	46,338	172	371.2	.135573	50.3
35-44	37,456	205	547.3	.162613	89.0
45-54	36,599	283	773.2	.134834	104.3
55-64	26,678	314	1177.0	.087247	102.7
65-74	14,290	259	1812.5	.066037	119.7
75-84	6,708	314	4680.8	.044842	209.9
85+	2,210	243	10995.1	.015508	170.5
	309,035	1955			
				TOTAL	Σ 887.0

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.

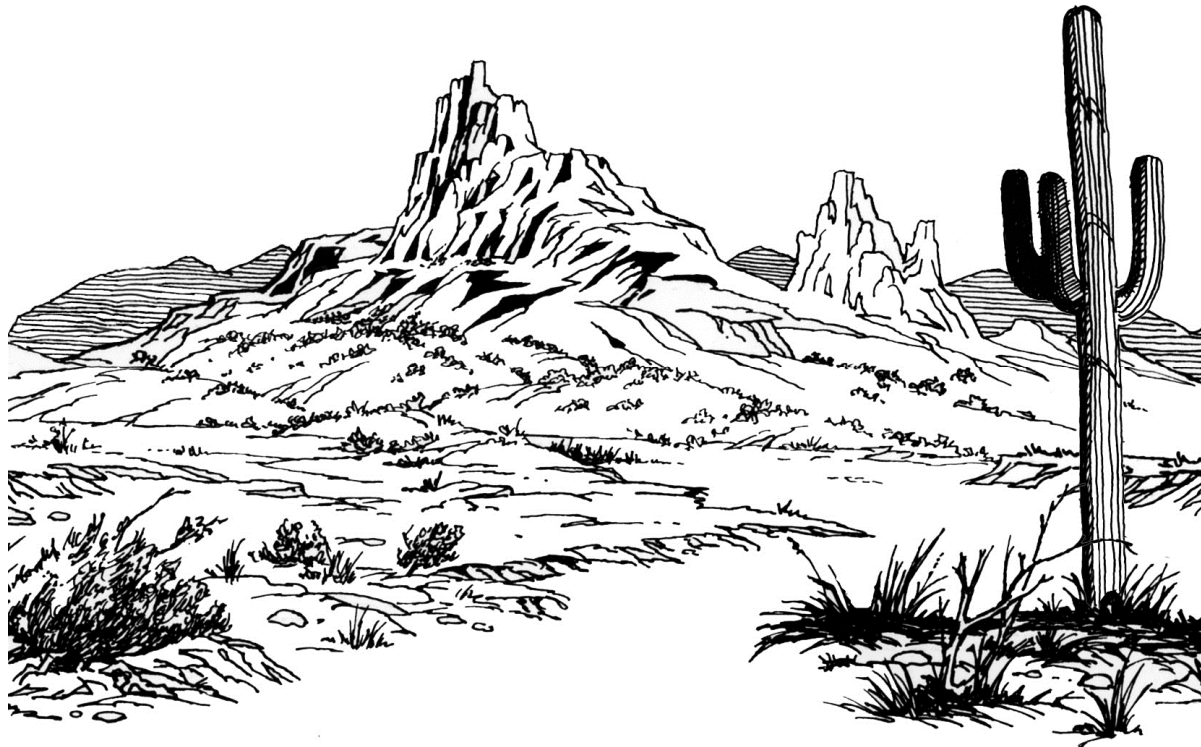
Cause-specific mortality - Number of deaths from a specified cause during a calendar year.

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 2013 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
Bureau of Public Health Statistics
PUBLIC HEALTH SERVICES
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