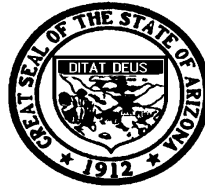


Population Health and Vital Statistics Section
Bureau of Public Health Statistics
Arizona Department of Services

~ Leadership for a Healthy Arizona ~



Janice K. Brewer, Governor
State of Arizona

Will Humble, Director
Arizona Department of Health Services

**POPULATION HEALTH AND VITAL STATISTICS SECTION
BUREAU OF PUBLIC HEALTH STATISTICS
ARIZONA DEPARTMENT OF HEALTH SERVICES**

150 North 18th Avenue, Suite 550
Phoenix, Arizona 85007
Phone: 602/542-7333; FAX: 602/542-2940
www.azdhs.gov/plan

**This publication can be made available in alternative format.
Please contact the Bureau of Public Health Statistics
at 602/542-7333 (voice) or call 1-800-367-8939 (TDD).**

***The Arizona Department of Health Services is
an Equal Employment Opportunity Agency.***

***Permission to quote from or reproduce materials from this
publication is granted when due acknowledgment is made.***

HEALTH STATUS PROFILE OF AMERICAN INDIANS IN ARIZONA: 2010 DATA BOOK

by

Nicholas J. Bishop, Ph.D., *Arizona Vital Statistician*
Sanhita Gupta, *Vital Statistics Health Management Analyst*
Clare Torres, *Senior Health Data Analyst*

December 2013

Acknowledgment

Grateful acknowledgement is made to Wes Kortuem, the GIS Coordinator, for spatially joining the American Indian birth and death data.

HEALTH STATUS PROFILE OF AMERICAN INDIANS IN ARIZONA 2010 DATA BOOK

TABLE OF CONTENTS

Introduction.....	1
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 2010.....	3
2010 Risk Profile of American Indians.....	7
American Indians' Standing in Arizona in 2010 on 70 Indicators of Health Status.....	8
II COMPARISON OF AMERICAN INDIANS' STANDING IN ARIZONA WITH RESPECT TO SELECTED HEALTH OBJECTIVES FOR THE YEAR 2010.....	13
III. TRENDS IN SELECTED HEALTH PROBLEMS AND HEALTH RISKS AMONG AMERICAN INDIANS AND ALL RESIDENTS OF ARIZONA, 2000-2010	15
IV. CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND MOTHERS GIVING BIRTH BY PLACE OF RESIDENCE IN ARIZONA IN 2010	17
SOCIODEMOGRAPHIC CHARACTERISTICS	
4.1 Maternal Age.....	20
4.2 Educational Attainment of Mother	21
4.3 Marital Status of Mother.....	22
4.4 Race/Ethnicity of Father.....	23
4.5 Age of Father	24
4.6 Source of Payment for Labor and Delivery.....	25
MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS	
4.7 Maternal Weight Gain during Pregnancy.....	28
4.8 Medical Risk Factors of Pregnancy	29
4.9 Substance Use during Pregnancy	30
UTILIZATION OF MEDICAL SERVICES	
4.10 Trimester of Pregnancy Prenatal Care Began	32
4.11 Number of Prenatal Visits.....	33
4.12 Obstetric Procedures	34
4.13 Complications of Labor and Delivery	35
4.14 Method of Delivery	36
4.15 Attendant at Birth	37
NEWBORN'S HEALTH	
4.16 Gestational Age	40
4.17 Weight at Birth	41
4.18 Abnormal Conditions of the Newborn.....	42
4.19 Congenital Anomalies (Birth Defects).....	43
4.20 Causes of Infant Death among American Indian Residents, Arizona, 2010.....	44
4.21 Comparison of Selected Characteristics of American Indian Newborns and Women Giving Birth By County of Residence, Arizona, 2010.....	45

V.	PATTERNS OF MORTALITY AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE IN ARIZONA IN 2010	49
	AGE-SPECIFIC MORTALITY	
5.1	Age-Specific Mortality among American Indians in 2010	52
5.2	Age-Specific Mortality among American Indian Males in 2010	53
5.3	Age-Specific Mortality among American Indian Females in 2010	54
	CAUSE-SPECIFIC MORTALITY	
5.4	Deaths by Gender for Selected 113 Causes among American Indians in 2010	56
5.5	Deaths by Age Group for Selected 113 Causes among American Indians in 2010	60
5.6	Deaths by Residence for Selected 113 Causes among American Indians in 2010	64
5.7	Deaths by County of Residence for Selected 113 Causes among American Indians in 2010	68
5.8	Deaths from Motor Vehicle-Related Injuries among American Indians by Place of Residence, Gender, and Age Group, Arizona, 2010	72
5.9	Intentional Self-Harm (Suicide) among American Indians by Place of Residence, Gender, and Age Group, Arizona, 2010	73
5.10	Assault (Homicide) among American Indians by Place of Residence, Gender, and Age Group, Arizona, 2010	74
5.11	Diabetes-Related Deaths among American Indians by Place of Residence, Gender, and Age Group, Arizona, 2010	75
5.12	Alcohol-Induced Deaths among American Indians by Place of Residence, Gender, and Age Group, Arizona, 2010	76
	COMPARATIVE CAUSE-SPECIFIC MORTALITY	
5.13	Temporal Changes in the Selected Leading Causes of Death among American Indian Residents of Arizona, 1991-2010	78
5.14	Five Leading Causes of Death by Gender among American Indian Residents of Arizona in 2010	79
5.15	Five Leading Causes of Death among American Indians by Gender and Residence On or Off Reservation, Arizona, 2010	80
5.16	Proportional Mortality by Type of Cancer and Gender among American Indians and All Residents of Arizona, 2000-2010	81
5.17	Proportional Mortality by Mechanism of Unintentional Injury and Gender among American Indians and All Residents of Arizona, 2000-2010	82
5.18	Comparison of Mortality by Specific Type of Cancer by Gender among American Indians and All residents of Arizona, 2000-2010	83
5.19	Unintentional Injury Deaths by mechanism and Gender among American Indians and All Residents of Arizona, 2000-2010	84
	TECHNICAL NOTES	85
	Sources of Data	87
	Definitions	87
	Rates	87
	Terms Related to Reproductive Health	87
	Medical Terms Used on the Birth Certificate	87
	Medical risk factors for pregnancy	87
	Complications of labor and delivery	88
	Abnormal conditions of the newborn	88
	Congenital anomalies of child	88
	Terms Related to Mortality	89

INTRODUCTION

The report *Health Status Profile of American Indians in Arizona: 2010 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 2010.

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 2010 *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 2010 on 70 indicators or measures of health status,
- 2) a comparison of American Indians' standing in Arizona with respect to selected health objectives for the year 2010,
- 3) a section presenting trend data for 2000-2010 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 2010. 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.

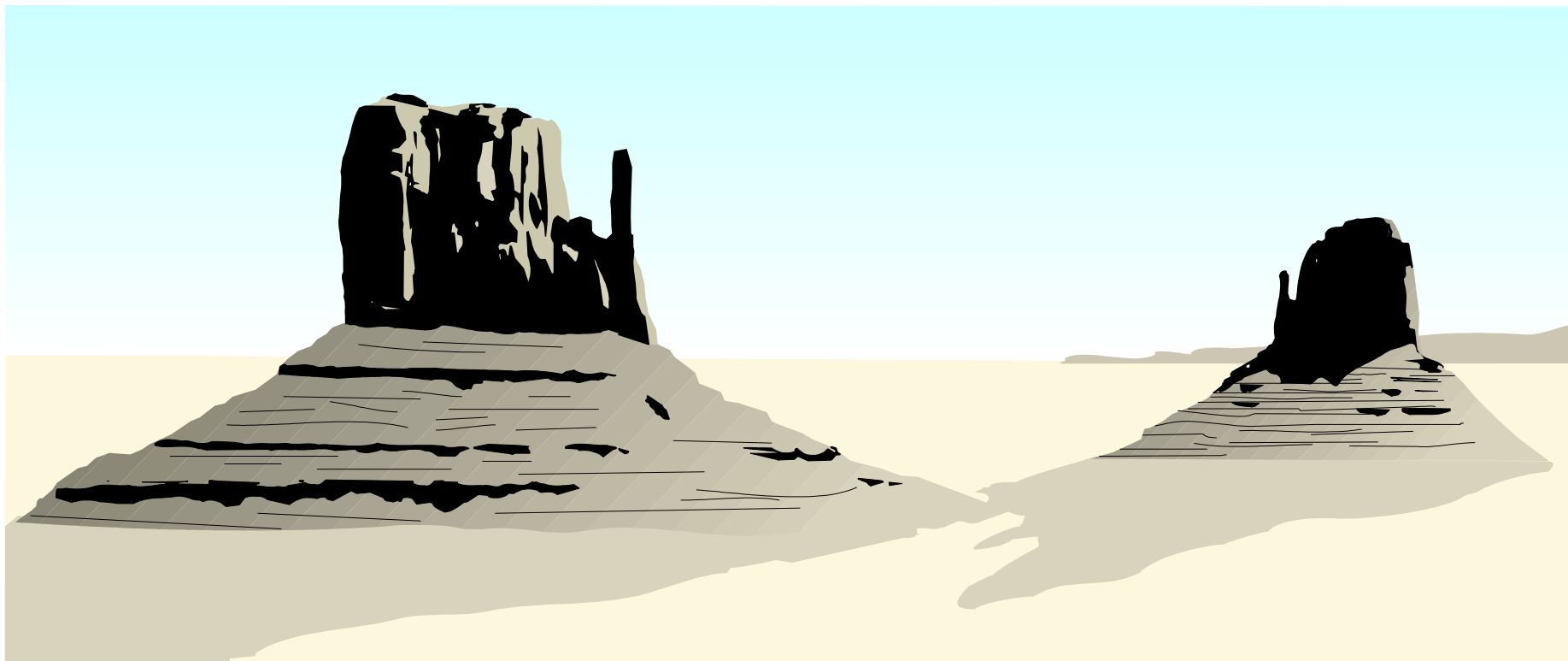
These sections are followed by the **Technical Notes**, which provide information about the sources of data and definitions of terms used in the report. The causes of death for 2000-2010 are classified by the Tenth Revision (ICD-10).

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. 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 2010 should not be directly compared to on-or-off reservation counts from previous years, specifically counts in Sections IV and V (excluding Section V Comparative Cause-Specific Mortality).**

The *Health Status Profile of American Indians in Arizona: 2010 Data Book* is the first report in this series to include cell suppression. Using suppression rules similar to those used by the National Center for Health Statistics (NCHS), this report now attempts to maintain the anonymity of the individuals whose vital records are summarized herein. In cell suppression, the first task is primary suppression, or removing non-zero counts in the body of a table that fall below a certain number. Primary cells that were less than six but greater than zero were suppressed and identified with an asterisk (*). Next, secondary suppression is used to obfuscate the totals or sums with components, or addends, that fall below the threshold for primary suppression. These totals are typically reported in the margins of table rows and columns. Column or row totals that contained a non-zero addend less than 6 were rounded to the nearest tens-unit and identified with a dagger (†). In certain cases where these rules would have dictated the rounding of a row or column total but the value of the information contained in the total was identified as important or attainable from other sources, these rules were relaxed and the original value was reported.

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

The online versions of the report for 1995–2010 are available at <http://www.azdhs.gov/plan/report/hspam/index.htm>



I.

RISK PROFILE OF AMERICAN INDIANS IN ARIZONA:

AN OVERVIEW OF SELECTED HEALTH PROBLEMS AND HEALTH RISKS AMONG AMERICAN INDIANS AND ALL RESIDENTS OF THE STATE IN 2010

The risk profile presented on the following page summarizes how American Indians as a group compared in 2010 to the state average on 70 measures of health status. The 70 indicators used in the profile are individual measures of the various dimensions or facets of health status. The profile uses the percentages a racial/ethnic group is above or below the statewide average on each of the specific measures. In order to represent the level of each indicator for American Indians in comparison to the overall state level, the following formula was used:*

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

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

Following the graphic profile is a detailed description of the 70 indicators. These indicators are organized around 9 major subject areas:

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

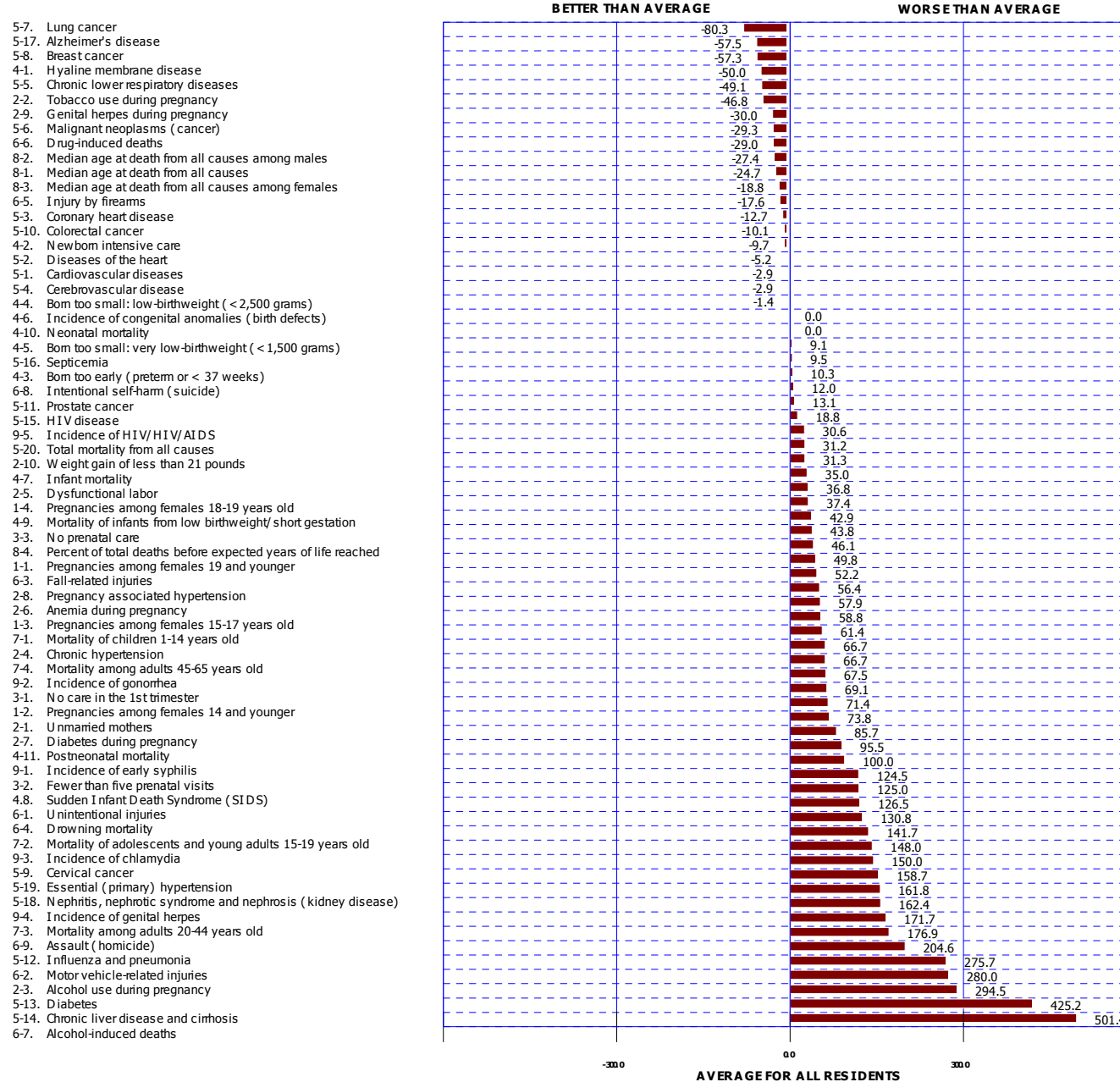
IN 2010, AMERICAN INDIAN RESIDENTS OF ARIZONA:

- **ranked worse than the statewide average on 49 of 70 health indicators;**
- **ranked poorly on measures of maternal lifestyle and health, as well as in utilization of prenatal care;**
- **on average were 19 years younger at time of death compared to all racial/ethnic groups;**
- **had high mortality from alcohol-induced causes, diabetes, motor vehicle accidents, influenza and pneumonia, and mortality from other unintentional injuries: all contributing to the premature death rate of 79.6 percent;**
- **ranked better than average on (1) mortality rates for several chronic diseases (lung cancer, Alzheimer's disease, breast cancer, chronic lower respiratory diseases, all malignant neoplasms, colorectal cancer, and heart disease), (2) tobacco use during pregnancy and (3) incidence of genital herpes among women giving birth.**

* The comparative risk profiles for American Indian, White non-Hispanic, Hispanic or Latino, Black or African American, and Asian or Pacific Islander residents of Arizona were developed for a report "**Differences in the Health Status among Ethnic Groups**". This publication is available online at <http://www.azdhs.gov/plan/report/dhsag/index.htm>. For consistency, the signs + and - for scores indicating the median age at death as higher or lower than the statewide average were reversed (indicators 8-1, 8-2, 8-3). Otherwise, a lower-than-average median age at death would signify a better than average standing on this indicators. A lower-than-average median age at death obviously reflects a worse off life expectancy.

2010 RISK PROFILE OF AMERICAN INDIANS

(Percent above or below the average rate or ratio for all Arizona residents in 2010)



AMERICAN INDIANS' STANDING IN ARIZONA IN 2010 ON 70 INDICATORS OF HEALTH STATUS

1. TEEN PREGNANCIES

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

Figure Number	Indicator	2010 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2010	Definitions
1-1	Pregnancies among females 19 and younger	37.0	49.8	24.7	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	1.2	71.4	0.7	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	40.5	58.8	25.5	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	111.0	37.4	80.8	The sum of live births, fetal deaths, and abortions per 1,000 females aged 18-19 years.

2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS

(All ratios are per 100 live births)

Figure Number	Indicator	2010 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2010	Definitions
2-1	Unmarried mothers	77.7	73.8	44.7	The number of births to unmarried mothers per 100 births.
2-2	Tobacco use during pregnancy	2.5	-45.5	4.7	The number of mothers giving birth who self-reported tobacco use during pregnancy per 100 births.
2-3	Alcohol use during pregnancy	1.9	266.8	0.5	The number of mothers giving birth who self-reported alcohol use during pregnancy per 100 births.
2-4	Chronic hypertension	1.5	75.3	0.9	Blood pressure persistently greater than 140/90, diagnosed prior to onset of pregnancy or before the 20th week of gestation (the number of cases per 100 births).
2-5	Dysfunctional labor	2.6	39.0	1.9	Failure to progress in a normal pattern of labor (the number of cases per 100 births).
2-6	Anemia during pregnancy	6.0	56.0	3.8	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	7.8	86.5	4.2	Metabolic disorder characterized by excessive discharge of urine and persistent thirst; includes juvenile onset, adult onset, and gestational diabetes during pregnancy (the number of cases per 100 births).
2-8	Pregnancy-associated hypertension	6.1	56.2	3.9	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	-30.0	1.0	Infection of the skin of the genital area by herpes simplex virus (the number of cases per 100 births).
2-10	Weight gain of less than 21 pounds	35.2	31.3	26.8	The number of women giving birth who gained less than 21 pounds per 100 births.

**AMERICAN INDIANS' STANDING IN ARIZONA IN 2010
ON 70 INDICATORS OF HEALTH STATUS (continued)**

3. UTILIZATION OF PRENATAL CARE SERVICES

(Per 100 live births)

Figure Number	Indicator	2010 ratio for American Indians	Percent above or below the average rate for all groups	Average ratio for all groups in 2010	Definitions
3-1	No care in the 1 st trimester	30.6	69.5	18.1	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	11.0	123.7	4.9	The number of mothers giving birth who had fewer than five prenatal visits during pregnancy per 100 births.
3-3	No prenatal care	2.3	43.8	1.6	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	2010 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2010	Definitions
4-1	Incidence of hyaline membrane disease	0.2	-61.3	0.4	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	5.6	-9.7	6.2	The number of babies admitted to Newborn Intensive Care units per 100 births.
4-3	Born too early (preterm or < 37 weeks)	10.7	9.8	9.7	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)	7.0	-1.3	7.1	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)	1.2	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)	0.6	-4.3	0.6	The numbers of babies born with birth defects per 100 births.
4-7	Infant mortality	8.1	35.0	6.0	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)	0.9	125.0	0.4	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	1.0	42.9	0.7	The number of infant deaths from low- birthweight/short gestation (ICD-10 code P07) per 1,000 live births.
4-10	Neonatal mortality	3.8	0.0	3.8	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	4.3	95.5	2.2	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 2010
ON 70 INDICATORS OF HEALTH STATUS (continued)**

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

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

Figure Number	Indicator	2010 ratio for American Indians	Percent above or below the average rate for all groups	Average ratio for all groups in 2010	Definitions
5-1	Cardiovascular disease	183.2	-2.9	188.6	The number of deaths from cardiovascular diseases (ICD-10 codes I00-I78) per 100,000 age-adjusted population.
5-2	Diseases of the heart	135.9	-5.2	143.3	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	98.6	-12.7	112.9	The number of deaths from coronary heart disease (ICD-10 codes I200-I259) per 100,000 age-adjusted population.
5-4	Cerebrovascular disease	29.8	-2.9	30.7	The number of deaths from cerebrovascular disease (ICD-10 codes I60-I69) per 100,000 age-adjusted population.
5-5	Chronic lower respiratory diseases	21.7	-49.1	42.6	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)	106.4	-29.3	150.5	The number of deaths from cancer (ICD-10 codes C00-C97) per 100,000 age-adjusted population.
5-7	Lung cancer	7.5	-80.3	38.1	The number of deaths from lung cancer (ICD-10 codes C33-C34) per 100,000 age-adjusted population.
5-8	Breast cancer	8.2	-57.3	19.2	The number of deaths from breast cancer (ICD-10 code C50) per 100,000 age-adjusted female population.
5-9	Cervical cancer	5.0	150.0	2.0	The number of deaths from cervical cancer (ICD-10 code C53) per 100,000 age-adjusted female population.
5-10	Colorectal cancer	12.4	-10.1	13.8	The number of deaths from colorectal cancer (ICD-10 codes C18-C21) per 100,000 age-adjusted population.
5-11	Prostate cancer	21.6	13.1	19.1	The number of deaths from prostate cancer (ICD-10 code C61) per 100,000 age-adjusted male population.
5-12	Influenza and pneumonia	33.2	204.6	10.9	The number of deaths from influenza and pneumonia (ICD-10 codes J10-J18) per 100,000 age-adjusted population.
5-13	Diabetes	79.3	294.5	20.1	The number of deaths from diabetes (ICD-10 codes E10-E14) per 100,000 age-adjusted population.
5-14	Chronic liver disease and cirrhosis	64.6	425.2	12.3	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	18.8	1.6	The number of deaths from HIV disease (ICD-10 codes B20-B24) per 100,000 age-adjusted population.
5-16	Septicemia	8.1	9.5	7.4	The number of deaths from septicemia (ICD-10 codes A40-A41) per 100,000 age-adjusted population.
5-17	Alzheimer's disease	14.9	-57.5	35.1	The number of deaths from Alzheimer's disease (ICD-10 code G30) per 100,000 age-adjusted population.
5-18	Nephritis, nephrotic syndrome and nephrosis (kidney disease)	19.9	161.8	7.6	The number of deaths from nephritis, nephritic syndrome, and nephrosis (ICD-10 codes N00-N07, N17-N19, N25-N27) per 100,000 age-adjusted population.
5-19	Essential (primary) hypertension	16.3	158.7	6.3	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	891.8	31.2	679.9	Total number of deaths from all causes per 100,000 age-adjusted population.

AMERICAN INDIANS' STANDING IN ARIZONA IN 2010
ON 70 INDICATORS OF HEALTH STATUS (continued)

6. MORTALITY FROM INJURIES

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

Figure Number	Indicator	2010 ratio for American Indians	Percent above or below the average rate for all groups	Average ratio for all groups in 2010	Definitions
6-1	Unintentional injuries	99.2	126.5	43.8	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	41.7	275.7	11.1	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	17.5	52.2	11.5	The number of deaths from fall-related injuries (ICD-10 codes W00–W19) per 100,000 age-adjusted population.
6-4	Drowning mortality	3.0	130.8	1.3	The number of deaths due to accidental drowning and submersion (ICD-10 codes W65–W74) per 100,000 age-adjusted population.
6-5	Injury by firearms	11.7	-17.6	14.2	The number of deaths by firearms (ICD-10 codes W32–W34, X72–X74, X93–X95,
6-6	Drug-induced deaths	12.5	-29.0	17.6	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. Also excluded are newborn deaths associated with mother's drug use.
6-7	Alcohol-induced deaths	84.8	501.4	14.1	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)	18.7	12.0	16.7	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)	18.0	176.9	6.5	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 2010
ON 70 INDICATORS OF HEALTH STATUS (continued)**

7. PREMATURE MORTALITY

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

Figure Number	Indicator	2010 ratio for American Indians	Percent above or below the average rate for all groups	Average ratio for all groups in 2010	Definitions
7-1	Mortality of children 1-14 years old	30.5	61.4	18.9	The number of deaths per 100,000 children 1-14 years old in 2010.
7-2	Mortality of adolescents 15-19 years old	115.3	141.9	47.7	The number of deaths per 100,000 adolescents 15-19 years old in 2010.
7-3	Mortality of young adults 20-44 years old	358.1	171.7	131.8	The number of deaths per 100,000 young adults 20-44 years old in 2010.
7-4	Mortality of middle-aged adults 45-64 years old	978.8	66.7	587.2	The number of deaths per 100,000 middle-aged adults 45-64 years old in 2010.

8. AGE-SPECIFIC MORTALITY

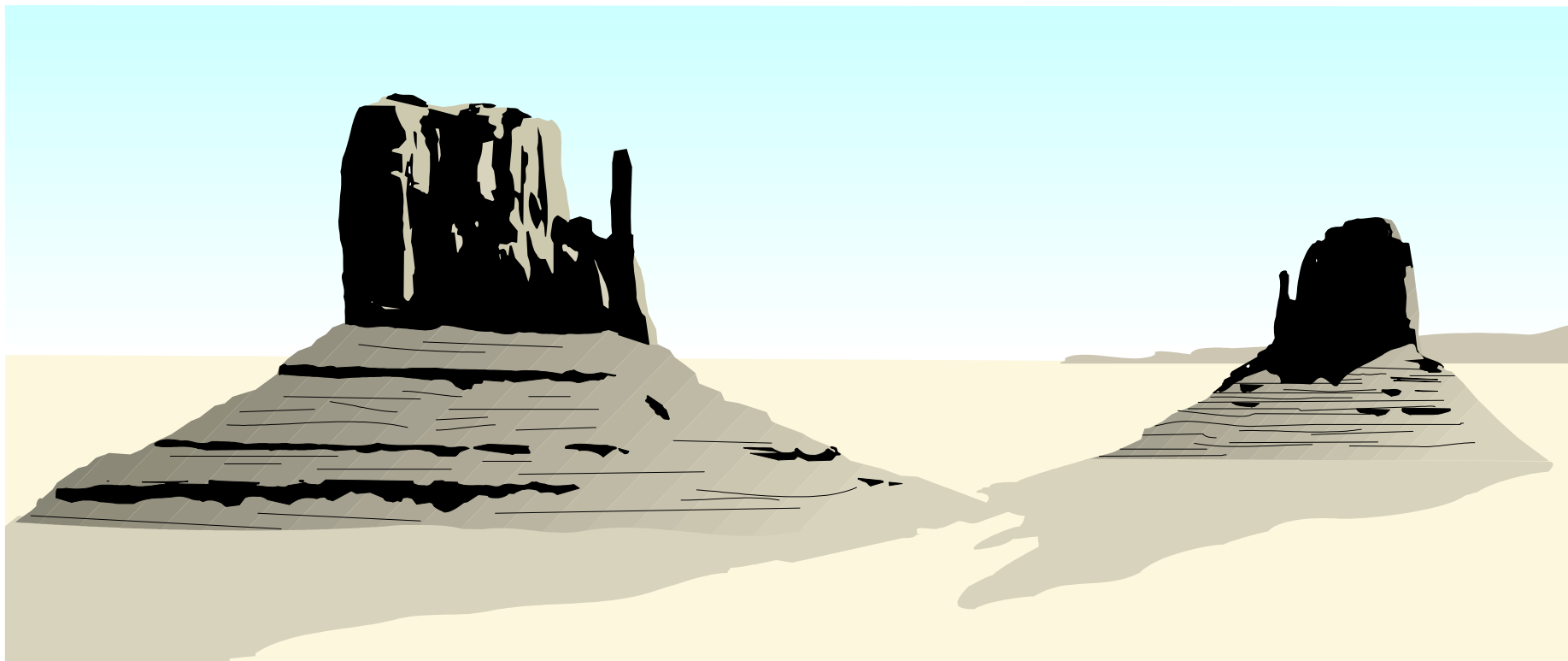
(Number of deaths per 100,000 persons in specific group)

Figure Number	Indicator	2010 ratio for American Indians	Percent above or below the average rate for all groups	Average ratio for all groups in 2010	Definitions
8-1	Median age at death from all causes	58.0	24.7	77.0	The median age (the age in the middle) of Arizonans who died in 2010.
8-2	Median age at death from all causes among males	53.0	27.4	73.0	The median age (the age in the middle) of Arizona males who died in 2010.
8-3	Median age at death from all causes among females	65.0	18.8	80.0	The median age (the age in the middle) of Arizona females who died in 2010.
8-4	Percent of total deaths before expected years of life reached	79.6	46.1	54.5	The number of deaths before reaching 77.7 years (the life expectancy of all U.S. residents in 2010) per 100 deaths.

9. REPORTABLE DISEASES

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

Figure Number	Indicator	2010 ratio for American Indians	Percent above or below the average rate for all groups	Average ratio for all groups in 2010	Definitions
9-1	Incidence of early syphilis	12.4	100.0	6.2	Number of reported cases of early syphilis per 100,000 population
9-2	Incidence of gonorrhea	85.1	67.5	50.8	Number of reported cases of gonorrhea per 100,000 population
9-3	Incidence of chlamydia	1042.2	148.0	420.2	Number of reported cases of chlamydia per 100,000 population
9-4	Incidence of genital herpes	76.1	162.4	29.0	Number of reported cases of genital herpes per 100,000 population
9-5	Incidence of HIV/AIDS	12.8	30.2	9.8	Number of reported cases of HIV/AIDS per 100,000 population



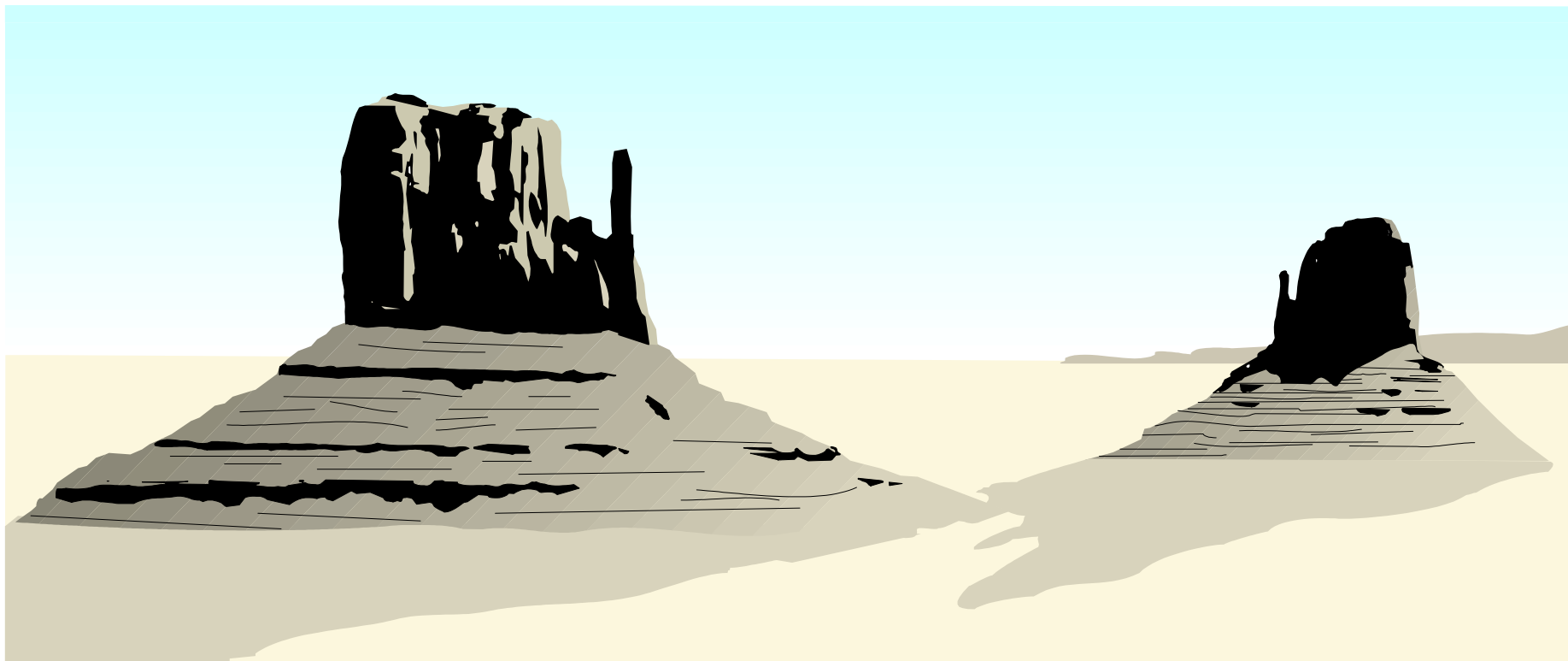
II.

COMPARISON OF AMERICAN INDIANS' STANDING IN ARIZONA WITH RESPECT TO SELECTED HEALTH OBJECTIVES FOR THE YEAR 2010

**COMPARISON OF AMERICAN INDIANS' STANDING IN ARIZONA WITH RESPECT TO
SELECTED HEALTH OBJECTIVES FOR THE YEAR 2010**

National Year 2010 Objectives													
2.1	Increase to 90 percent the proportion of women giving birth who receive prenatal care in the first trimester of pregnancy (HP16-10a)												
2.2	Reduce the rate of infant deaths to no more than 6 per 1,000 live births (HP16-1c)												
2.3	Reduce postneonatal mortality to no more than 1.2 per 1,000 live births (HP16-1e)												
2.4	Reduce deaths caused by unintentional injuries to no more than 17.5 per 100,000 age-adjusted population (HP15-13)												
2.5	National year 2010 objective : reduce deaths caused by motor vehicle crashes to no more than 16 per 100,000 age-adjusted population (HP15-15)												
2.6	Reduce the suicide rate to no more than 10 per 100,000 age-adjusted population (HP18-1)												
2.7	Reduce the homicide rate to no more than 5 per 100,000 age-adjusted population (HP15-32)												
2.8	Reduce the diabetes-related death rate to no more than 45 per 100,000 age-adjusted population (HP5-5)												
2.9	Reduce the cirrhosis* death rate to no more than 3 per 100,000 age-adjusted population (HP26-2)												
2.10	Reduce the cervical cancer death rate to no more than 2 per 100,000 age-adjusted female population (HP3-4)												
Indicator		2010 Objective	Year										
			2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
2.1	Percent of American Indian women giving birth who received early prenatal care	90.0	65.8	64.6	64.4	68.8	69.0	67.9	65.9	65.9	65.1	66.0	69.4
2.2	Number of infant deaths per 1,000 American Indian live births	6.0	9.6	10.7	7.0	7.5	7.2	8.3	6.4	8.1	8.2	8.4	8.1
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	3.2	6.6	3.4	4.4	3.8	4.0	2.4	3.9	3.6	4.2	4.3
2.4	Number of unintentional injury deaths per 100,000 American Indian population ^a	17.5	113.1	112.7	111.0	108.6	103.9	117.8	97.2	95.0	86.0	92.6	99.2
2.5	Number of deaths caused by motor vehicle crashes per 100,000 American Indian population ^a	16.0	74.2	63.2	65.9	59.0	54.1	62.6	56.9	49.0	40.6	36.9	41.7
2.6	Number of suicides per 100,000 American Indian population ^a	10.0	16.2	15.4	17.9	15.2	17.0	17.5	13.7	9.8	13.5	15.9	18.7
2.7	Number of homicides per 100,000 American Indian population ^a	5.0	14.9	17.2	20.3	18.8	14.7	14.0	13.2	13.1	12.5	13.2	18.0
2.8	Number of deaths due to diabetes reported as the underlying or multiple cause of death per 100,000 American Indian population ^a	45.0	129.3	134.4	155.7	118.7	125.4	138.9	100.2	107.2	108.1	111.4	130.4
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	3.0	61.7	39.7	40.5	38.8	51.0	51.2	43.6	36.8	40.3	54.0	64.6
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	2.0	10.1	5.4	4.7	4.2	2.0	3.4	5.8	2.3	4.8	4.1	3.0

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



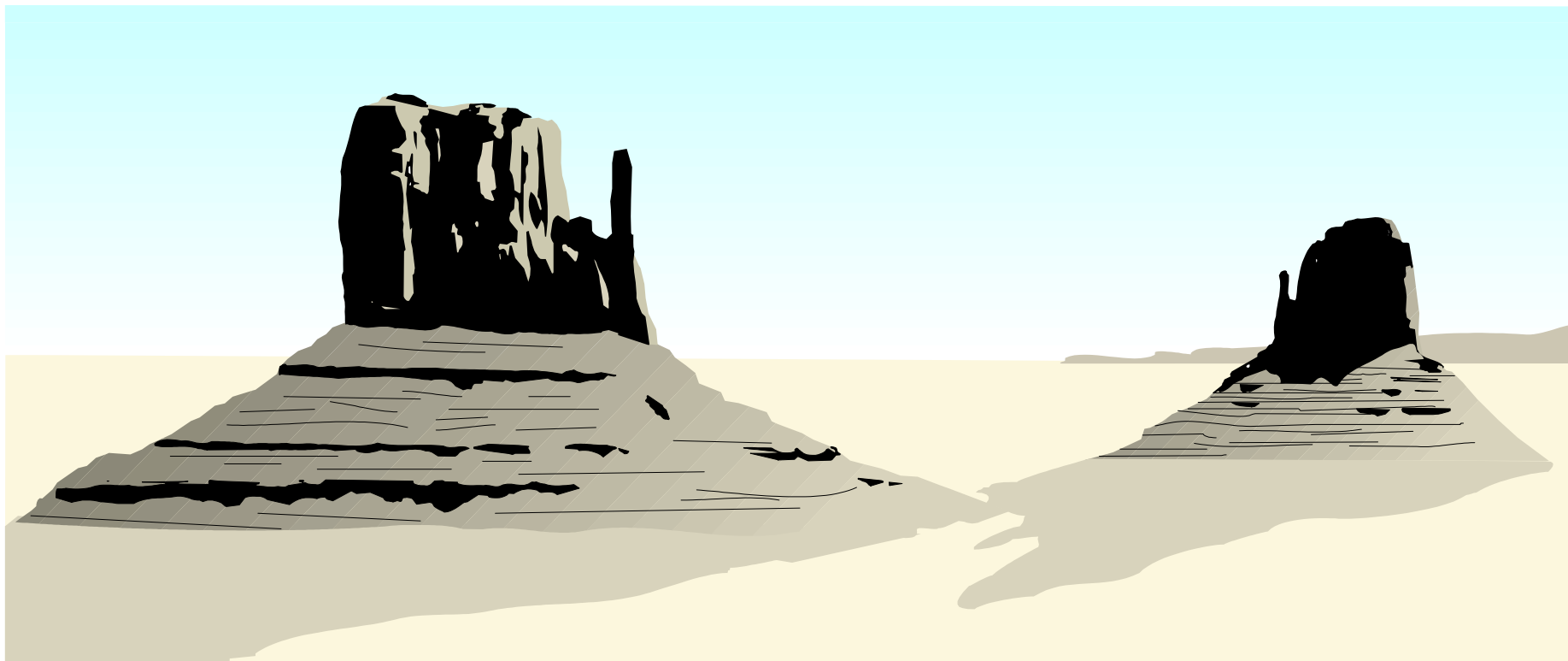
III.

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

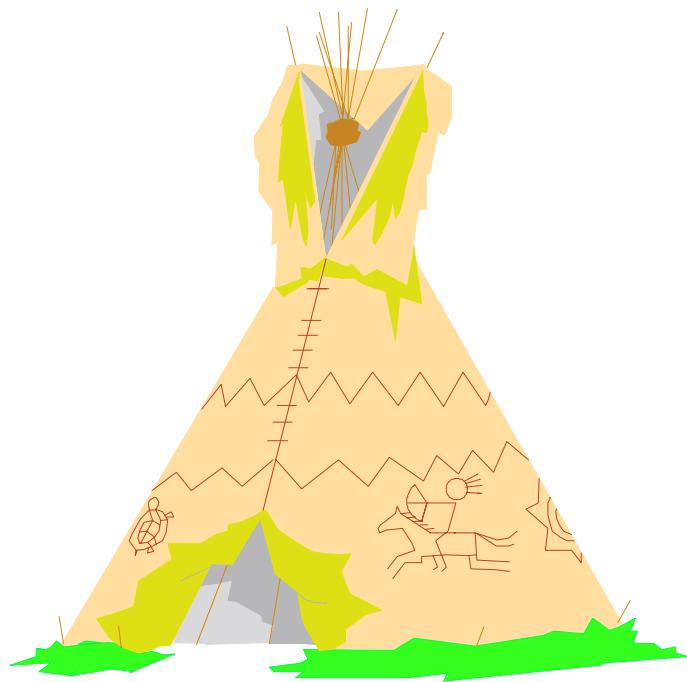
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
<i>Median Age at Death from all Causes</i>											
All Arizonans	76	76	76	76	76	77	76	76	77	76	76
American Indians	58	56	57	56	58	59	57	59	59	59	58
<i>Births to Unmarried Mothers^a</i>											
All Arizonans	39.3	39.4	40.2	41.2	41.9	42.8	43.9	45.0	45.1	45.2	44.7
American Indians	68.5	70.1	69.7	72.4	73.1	72.9	74.8	75.9	75.8	76.9	77.7
<i>Incidence of Gonorrhea^b</i>											
All Arizonans	80.0	73.9	68.9	63.5	70.1	81.9	95.3	78.7	52.8	49.3	50.8
American Indians	105.1	115.5	107.7	103.1	142.7	142.6	125.7	94.4	73.3	50.0	85.1
<i>Low-Birthweight Births^a</i>											
All Arizonans	7.0	7.0	6.8	7.1	7.2	6.9	7.1	7.1	7.1	7.1	7.1
American Indians	6.7	7.3	6.5	6.8	7.2	7.3	7.4	6.6	6.7	6.4	7.0
<i>Fetal Alcohol Syndrome^c</i>											
All Arizonans	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
American Indians	0.4	0.2	0.4	0.0	0.5	0.2	0.6	0.2	0.0	0.5	0.3
<i>Births to Teenage Mothers^a</i>											
All Arizonans	14.3	13.8	13.1	12.9	12.7	12.5	12.7	12.6	12.3	11.8	10.8
American Indians	19.4	19.0	18.7	19.4	18.7	19.1	19.1	20.1	18.6	19.0	17.0
<i>Birth Defects (Congenital Anomalies)^a</i>											
All Arizonans	1.3	1.3	1.3	1.0	1.0	1.0	0.9	0.8	0.9	0.6	0.6
American Indians	1.9	1.9	2.2	1.3	1.6	1.5	1.2	1.4	0.9	0.8	0.6
<i>Pregnancy-associated Hypertension^c</i>											
All Arizonans	30.4	26.3	25.2	28.0	28.8	30.9	28.8	31.0	35.3	36.1	39.1
American Indians	56.1	57.1	46.0	57.1	54.4	58.2	58.8	57.9	58.9	55.4	61.2
<i>Anemia during Pregnancy^c</i>											
All Arizonans	16.8	16.0	18.1	20.2	21.7	20.4	19.5	29.8	39.5	35.7	38.2
American Indians	48.4	59.7	51.0	54.8	54.6	56.1	66.2	67.6	72.5	71.8	59.5
<i>Diabetes during Pregnancy^c</i>											
All Arizonans	22.8	22.2	23.4	21.4	24.5	29.7	31.6	34.3	38.9	38.7	41.8
American Indians	63.7	61.8	65.5	60.0	75.7	82.5	72.0	80.4	82.0	82.2	77.9

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 2010



SOCIODEMOGRAPHIC CHARACTERISTICS

4.1
MATERNAL AGE (2010 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		5,815	10†	330†	640†	2,000†	1,430†	880†	430†	90†	10†
Resided on reservation	Ak-Chin Indian Community	10†	0	*	*	*	*	*	0	0	0
	Cocopah Tribe	10†	0	*	0	*	*	0	*	0	0
	Colorado River Indian Tribe	30†	0	0	*	10	6	6	*	0	0
	Fort McDowell Yavapai Nation Reservation	20†	0	0	0	8	*	*	*	0	0
	Fort Mojave Indian Tribe	10†	0	0	*	*	*	0	0	0	0
	Fort Yuma Quechan Tribe	0	0	0	0	0	0	0	0	0	0
	Gila River Indian Community	60†	0	*	*	25	8	10	6	0	0
	Havasupai Tribe	20†	0	*	*	0	7	*	0	0	*
	Hopi Tribe	230†	0	12	27	88	53	29	12	*	*
	Hualapai Tribe	20†	0	0	*	7	7	*	*	0	0
	Kaibab-Paiute Tribe	0	0	0	0	0	0	0	0	0	0
	Navajo Nation	1,460†	0	86	153	464	361	232	131	30	*
	Pascua Yaqui Tribe	40†	0	7	*	16	*	*	*	0	0
	Salt River Pima-Maricopa Indian Community	120†	*	6	20	40	30	14	*	*	0
	San Carlos Apache Tribe	270†	*	24	46	107	52	23	13	*	0
	Tohono O'Odham Nation	170†	*	12	22	58	41	18	14	0	0
	White Mountain Apache Tribe	330†	*	28	42	108	89	41	12	*	0
	Yavapai-Apache Nation	0†	0	0	0	*	*	0	0	0	0
	Yavapai-Prescott Indian Tribe	10†	0	0	*	*	0	*	0	0	0
	TOTAL		2,788	10†	180†	340†	950†	680†	390†	200†	40†
Resided off reservation	---in Maricopa County	1,500†	*	68	126	524	379	253	120	26	0
	---in Pima County	350†	0	22	37	110	87	60	27	6	*
	---in Coconino County	290†	*	15	31	85	82	45	24	*	0
	---elsewhere in Arizona	890†	*	43	112	334	206	127	54	13	0
	TOTAL	3,027	10†	148	306	1,053	754	485	225	50†	0†

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

4.2
EDUCATIONAL ATTAINMENT OF MOTHER (2010 STATUS)

		TOTAL BIRTHS	Mother's education						
			< 8	8	9-11	12	13-16	17+	Un- known
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,815	50†	120†	1,570†	2,330†	1,550†	170†	30†
Resided on reservation	Ak-Chin Indian Community	10†	0	0	7	*	*	*	0
	Cocopah Tribe	10†	0	*	*	*	*	0	0
	Colorado River Indian Tribe	30†	0	*	9	10	*	*	*
	Fort McDowell Yavapai Nation Reservation	20†	0	0	*	10	*	0	0
	Fort Mojave Indian Tribe	10†	0	0	*	6	0	0	0
	Fort Yuma Quechan Tribe	0	0	0	0	0	0	0	0
	Gila River Indian Community	60†	*	*	29	19	*	*	0
	Havasupai Tribe	20†	0	0	9	*	*	0	0
	Hopi Tribe	230†	0	*	47	108	63	*	*
	Hualapai Tribe	20†	0	0	10	10	*	*	0
	Kaibab-Paiute Tribe	0	0	0	0	0	0	0	0
	Navajo Nation	1,460†	*	8	308	669	416	42	12
	Pascua Yaqui Tribe	41	0	0	19	16	6	0	0
	Salt River Pima-Maricopa Indian Community	120†	*	*	46	44	15	*	*
	San Carlos Apache Tribe	270†	8	7	101	118	34	*	*
	Tohono O'Odham Nation	170†	*	*	71	64	21	*	0
	White Mountain Apache Tribe	330†	*	6	134	130	51	*	0
	Yavapai-Apache Nation	0†	0	0	*	0	0	0	0
	Yavapai-Prescott Indian Tribe	10†	0	0	*	*	*	*	0
	TOTAL		2,788	20†	40†	800†	1,220†	630†	60†
Resided off reservation	---in Maricopa County	1,500†	17	40	315	517	541	65	*
	---in Pima County	350†	*	7	108	122	85	23	*
	---in Coconino County	290†	*	*	51	114	103	11	*
	---elsewhere in Arizona	890†	*	29	291	357	196	13	*
	TOTAL	3,027	20†	80†	765	1,110	925	112	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.

4.3
MARITAL STATUS OF MOTHER (2010 STATUS)

		TOTAL BIRTHS	Marital status		
			Married	Unmarried	Other
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,815	1,230†	4,520†	70†
Resided on reservation	Ak-Chin Indian Community	10†	*	9	0
	Cocopah Tribe	11	0	11	0
	Colorado River Indian Tribe	30†	*	26	0
	Fort McDowell Yavapai Nation Reservation	20†	*	12	0
	Fort Mojave Indian Tribe	7	0	7	0
	Fort Yuma Quechan Tribe	0	0	0	0
	Gila River Indian Community	60†	*	54	*
	Havasupai Tribe	20†	*	14	0
	Hopi Tribe	230†	27	198	*
	Hualapai Tribe	24	6	18	0
	Kaibab-Paiute Tribe	0	0	0	0
	Navajo Nation	1,460	273	1,180	7
	Pascua Yaqui Tribe	40†	*	37	0
	Salt River Pima-Maricopa Indian Community	120†	13	100	*
	San Carlos Apache Tribe	270†	40	228	*
	Tohono O'Odham Nation	170†	12	152	*
	White Mountain Apache Tribe	330†	81	245	*
	Yavapai-Apache Nation	0†	0	*	0
	Yavapai-Prescott Indian Tribe	10†	*	*	0
	TOTAL	2,788	470†	2,300†	20†
Resided off reservation	---in Maricopa County	1,498	394	1,071	33
	---in Pima County	350†	87	259	*
	---in Coconino County	288	71	211	6
	---elsewhere in Arizona	891	202	679	10
	TOTAL	3,027	754	2,220	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.

4.4
RACE/ETHNICITY OF FATHER (2010 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	Other race	Un- known
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,815	400†	690†	130†	3,320†	40†	10†	1,220†
Resided on reservation	Ak-Chin Indian Community	10†	*	*	*	7	0	0	*
	Cocopah Tribe	10†	*	*	0	7	0	0	*
	Colorado River Indian Tribe	30†	*	*	0	13	0	0	13
	Fort McDowell Yavapai Nation Reservation	20†	0	0	*	13	0	0	*
	Fort Mojave Indian Tribe	10†	0	*	0	*	0	0	*
	Fort Yuma Quechan Tribe	0	0	0	0	0	0	0	0
	Gila River Indian Community	60†	*	*	0	37	*	0	17
	Havasupai Tribe	20†	0	0	0	11	0	0	*
	Hopi Tribe	230†	*	*	0	180	*	0	35
	Hualapai Tribe	20†	*	0	0	13	0	0	10
	Kaibab-Paiute Tribe	0	0	0	0	0	0	0	0
	Navajo Nation	1,460†	14	17	10	1,174	*	*	237
	Pascua Yaqui Tribe	40†	0	*	0	23	0	0	13
	Salt River Pima-Maricopa Indian Community	120†	0	19	*	63	0	0	30
	San Carlos Apache Tribe	270†	*	8	*	200	*	0	57
	Tohono O'Odham Nation	170†	*	*	0	95	*	0	66
	White Mountain Apache Tribe	330†	*	6	*	263	0	0	53
	Yavapai-Apache Nation	0†	*	0	0	*	0	0	0
	Yavapai-Prescott Indian Tribe	10†	*	*	0	*	*	0	*
	TOTAL	2,788	30†	70†	20†	2,100†	10†	0†	550†
Resided off reservation	---in Maricopa County	1,500†	218	378	79	484	22	*	315
	---in Pima County	350	48	73	8	120	0	0	101
	---in Coconino County	290†	23	29	*	193	*	*	36
	---elsewhere in Arizona	891	77	138	22	423	7	0	224
	TOTAL	3,027	366	618	110†	1,220	30†	0†	676

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 (2010 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		5,815	0†	130†	340†	1,340†	1,250†	790†	440†	220†	80†	30†	10†	1,180†
Resided on reservation	Ak-Chin Indian Community	10†	0	0	0	6	*	*	0	*	0	0	0	*
	Cocopah Tribe	10†	0	*	*	*	*	*	0	*	0	0	0	*
	Colorado River Indian Tribe	30†	0	0	*	*	*	*	*	0	0	0	0	13
	Fort McDowell Yavapai Nation Reservation	20†	0	0	0	*	*	*	*	0	0	0	0	*
	Fort Mojave Indian Tribe	10†	0	0	0	0	*	*	0	0	0	0	0	*
	Fort Yuma Quechan Tribe	0	0	0	0	0	0	0	0	0	0	0	0	0
	Gila River Indian Community	60†	0	*	*	7	13	6	7	*	*	0	0	17
	Havasupai Tribe	20†	0	0	0	*	*	0	*	*	0	0	0	*
	Hopi Tribe	230†	*	7	15	60	45	32	16	7	*	*	*	35
	Hualapai Tribe	20†	0	0	*	*	*	*	*	*	*	0	0	10
	Kaibab-Paiute Tribe	0	0	0	0	0	0	0	0	0	0	0	0	0
	Navajo Nation	1,460†	0	29	90	343	317	207	130	69	30	11	*	230
	Pascua Yaqui Tribe	40†	0	*	*	11	6	*	*	*	*	0	0	13
	Salt River Pima-Maricopa Indian Community	120†	0	10	11	26	16	14	7	*	*	0	0	29
	San Carlos Apache Tribe	270†	0	12	24	80	51	25	9	9	*	*	0	57
	Tohono O'Odham Nation	170†	0	*	7	39	21	9	14	*	*	*	*	66
	White Mountain Apache Tribe	330†	0	9	27	102	60	48	11	15	*	*	0	51
	Yavapai-Apache Nation	0†	0	0	0	*	0	0	*	0	0	0	0	0
	Yavapai-Prescott Indian Tribe	10†	0	0	*	*	0	0	*	0	0	0	0	*
	TOTAL		2,788	0†	80†	190†	700†	550†	360†	200†	120†	50†	20†	10†
Resided off reservation	---in Maricopa County	1,500†	0	23	61	328	357	236	120	50	15	7	*	300
	---in Pima County	350†	0	7	26	55	65	50	33	11	*	*	*	94
	---in Coconino County	290†	0	*	12	71	83	39	30	9	*	0	0	34
	---elsewhere in Arizona	890†	0	17	54	193	198	108	54	38	6	*	*	219
	TOTAL		3,027	0	50†	153	647	703	433	237	108	30†	10†	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.

4.6
SOURCE OF PAYMENT FOR LABOR AND DELIVERY (2010 STATUS)

		TOTAL BIRTHS	Payee for births				
			AHCCCS ^a	IHS	Private insurance	Self	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,815	3,310†	1,660†	690†	60†	100†
Resided on reservation	Ak-Chin Indian Community	10†	10	*	*	0	0
	Cocopah Tribe	11	11	0	0	0	0
	Colorado River Indian Tribe	30†	7	18	0	*	*
	Fort McDowell Yavapai Nation Reservation	20†	*	0	12	0	0
	Fort Mojave Indian Tribe	10†	*	*	*	*	0
	Fort Yuma Quechan Tribe	0	0	0	0	0	0
	Gila River Indian Community	60†	47	6	*	*	0
	Havasupai Tribe	20†	9	*	0	6	0
	Hopi Tribe	230†	74	148	*	*	*
	Hualapai Tribe	20†	20	0	*	0	0
	Kaibab-Paiute Tribe	0	0	0	0	0	0
	Navajo Nation	1,460†	728	693	32	*	*
	Pascua Yaqui Tribe	40†	33	6	*	0	*
	Salt River Pima-Maricopa Indian Community	120†	89	8	18	*	0
	San Carlos Apache Tribe	270†	59	204	7	0	*
	Tohono O'Odham Nation	170†	123	23	18	0	*
	White Mountain Apache Tribe	330†	204	112	*	*	*
	Yavapai-Apache Nation	0†	*	0	0	0	0
	Yavapai-Prescott Indian Tribe	10†	*	0	*	0	0
	TOTAL	2,788	1,430†	1,220†	110†	20†	20†
Resided off reservation	---in Maricopa County	1,498	996	130	345	21	6
	---in Pima County	350†	220	53	72	*	*
	---in Coconino County	290†	208	45	33	*	*
	---elsewhere in Arizona	891	462	208	129	16	76
	TOTAL	3,027	1,886	436	579	40†	90†

Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; ^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 (2010 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		5,815	170†	1,080†	800†	460†	1,350†	1,840†	120†
Resided on reservation	Ak-Chin Indian Community	10†	0	*	*	*	*	*	0
	Cocopah Tribe	10†	*	*	0	*	*	*	0
	Colorado River Indian Tribe	30†	0	18	0	0	*	6	0
	Fort McDowell Yavapai Nation Reservation	20†	0	*	*	*	*	8	0
	Fort Mojave Indian Tribe	10†	0	0	*	0	*	*	0
	Fort Yuma Quechan Tribe	0	0	0	0	0	0	0	0
	Gila River Indian Community	60†	*	*	*	*	20	19	0
	Havasupai Tribe	20†	0	7	0	*	*	*	0
	Hopi Tribe	230†	*	63	43	19	53	41	*
	Hualapai Tribe	20†	0	*	*	*	7	7	*
	Kaibab-Paiute Tribe	0	0	0	0	0	0	0	0
	Navajo Nation	1,460	25	304	223	155	326	374	53
	Pascua Yaqui Tribe	40†	*	8	*	*	10	14	0
	Salt River Pima-Maricopa Indian Community	120†	*	21	17	8	29	37	*
	San Carlos Apache Tribe	270†	7	38	46	15	69	93	*
	Tohono O'Odham Nation	170†	17	42	20	15	27	40	*
	White Mountain Apache Tribe	327	7	73	45	26	55	92	29
	Yavapai-Apache Nation	0†	0	0	0	0	*	*	0
	Yavapai-Prescott Indian Tribe	10†	0	*	*	*	*	0	0
	TOTAL	2,788	70†	590†	410†	250†	620†	750†	90†
Resided off reservation	---in Maricopa County	1,498	39	237	195	106	356	559	6
	---in Pima County	350†	19	57	33	27	61	150	*
	---in Coconino County	290†	*	36	41	16	102	89	*
	---elsewhere in Arizona	891	38	156	117	60	210	295	15
	TOTAL	3,027	100†	486	386	209	729	1,093	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.

4.8
MEDICAL RISK FACTORS OF PREGNANCY (2010 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		5,815	2,410+	350+	10+	70+	450+	40+	110+	1	90+	360+	90+	40+	40+	10+	1	30+	0+	1,510+	
Resided on reservation	Ak-Chin Indian Community	13	*	*	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	*	
	Cocopah Tribe	11	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	Colorado River Indian Tribe	28	8	0	0	*	*	0	0	0	0	0	0	0	0	0	0	0	0	8	
	Fort McDowell Yavapai Nation Reservation	15	8	*	0	0	*	0	0	0	0	0	0	*	0	0	0	0	0	*	
	Fort Mojave Indian Tribe	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Fort Yuma Quechan Tribe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Gila River Indian Community	59	27	*	0	*	11	0	*	0	0	*	*	*	0	0	0	0	0	12	
	Havasupai Tribe	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Hopi Tribe	226	77	6	0	*	22	0	*	0	*	17	*	*	*	0	0	*	0	37	
	Hualapai Tribe	24	*	0	0	0	*	0	0	0	*	0	0	0	0	0	0	0	0	0	
	Kaibab-Paiute Tribe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Navajo Nation	1,460	569	70	*	*	115	*	38	0	23	95	11	19	21	6	0	12	*	279	
	Pascua Yaqui Tribe	41	19	0	0	0	*	*	*	0	0	*	*	0	0	0	0	*	0	14	
	Salt River Pima-Maricopa Indian Community	117	58	9	0	0	9	*	*	0	*	9	*	0	0	0	0	*	0	41	
	San Carlos Apache Tribe	271	105	17	*	0	10	0	*	0	8	18	9	*	*	0	0	0	0	70	
	Tohono O'Odham Nation	166	88	*	0	*	9	*	7	0	*	*	10	0	*	0	0	0	0	71	
	White Mountain Apache Tribe	327	117	8	*	8	24	0	0	0	*	13	*	0	0	*	0	*	0	80	
	Yavapai-Apache Nation	2	*	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Yavapai-Prescott Indian Tribe	5	*	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	TOTAL		2,788	1,090+	120+	10+	20+	210+	10+	50+	0	40+	160+	40+	20+	30+	10+	0	20+	0+	620+
Resided off reservation	---in Maricopa County	1,498	792	175	*	24	127	19	40	*	22	112	15	14	10	0	0	*	*	571	
	---in Pima County	350	178	12	0	0	26	6	11	0	6	22	25	*	*	0	0	*	0	126	
	---in Coconino County	288	68	*	0	*	21	*	*	0	*	23	*	0	0	*	0	*	0	20	
	---elsewhere in Arizona	891	284	39	*	20	69	9	*	0	12	37	8	0	*	*	*	*	*	171	
	TOTAL		3,027	1,322	230+	0+	50+	243	40+	60+	0+	50+	194	50+	20+	10+	10+	0+	10+	0+	888

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 (2010 STATUS)

		TOTAL BIRTHS	Substance use			
			Drinker, nonsmoker	Smoker, nondrinker	Smoker and drinker	Nonsmoker and nondrinker
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,815	80†	110†	30†	5,590†
Resided on reservation	Ak-Chin Indian Community	13	0	0	0	13
	Cocopah Tribe	11	0	0	0	11
	Colorado River Indian Tribe	30†	0	*	*	25
	Fort McDowell Yavapai Nation Reservation	15	0	0	0	15
	Fort Mojave Indian Tribe	7	0	0	0	7
	Fort Yuma Quechan Tribe	0	0	0	0	0
	Gila River Indian Community	60†	*	0	0	58
	Havasupai Tribe	20†	*	*	0	14
	Hopi Tribe	230†	*	*	*	219
	Hualapai Tribe	20†	0	0	*	22
	Kaibab-Paiute Tribe	0	0	0	0	0
	Navajo Nation	1,460†	20	8	*	1,428
	Pascua Yaqui Tribe	40†	0	*	0	40
	Salt River Pima-Maricopa Indian Community	120†	*	0	0	115
	San Carlos Apache Tribe	270†	8	6	*	253
	Tohono O'Odham Nation	170†	*	*	*	156
	White Mountain Apache Tribe	330†	12	*	*	309
	Yavapai-Apache Nation	0†	0	0	0	*
	Yavapai-Prescott Indian Tribe	10†	0	0	0	*
	TOTAL	2,788	50†	30†	20†	2,690†
Resided off reservation	---in Maricopa County	1,498	10	44	12	1,432
	---in Pima County	350†	*	13	*	330
	---in Coconino County	290†	0	*	0	287
	---elsewhere in Arizona	890†	9	30	*	849
	TOTAL	3,027	20†	90†	20†	2,898

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 (2010 STATUS)

		TOTAL BIRTHS	Prenatal care				
			No care	1st trimester	2nd trimester	3rd trimester	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,815	130†	4,040†	1,270†	360†	20†
Resided on reservation	Ak-Chin Indian Community	10†	1	9	2	1	0
	Cocopah Tribe	10†	2	3	5	1	0
	Colorado River Indian Tribe	30†	2	17	7	2	0
	Fort McDowell Yavapai Nation Reservation	20†	0	10	3	2	0
	Fort Mojave Indian Tribe	10†	1	4	2	0	0
	Fort Yuma Quechan Tribe	0	0	0	0	0	0
	Gila River Indian Community	60†	1	49	7	2	0
	Havasupai Tribe	20†	0	14	2	0	0
	Hopi Tribe	230†	6	138	71	9	2
	Hualapai Tribe	20†	1	21	1	1	0
	Kaibab-Paiute Tribe	0	0	0	0	0	0
	Navajo Nation	1,460†	30	982	356	89	3
	Pascua Yaqui Tribe	40†	1	34	6	0	0
	Salt River Pima-Maricopa Indian Community	120†	4	68	31	11	3
	San Carlos Apache Tribe	271	10	154	87	20	0
	Tohono O'Odham Nation	166	11	105	42	8	0
	White Mountain Apache Tribe	330†	14	179	101	32	1
	Yavapai-Apache Nation	0†	0	0	1	1	0
	Yavapai-Prescott Indian Tribe	10†	0	5	0	0	0
	TOTAL	2,788	80†	1,790†	720†	180†	10†
Resided off reservation	---in Maricopa County	1,500†	25	1,153	247	68	5
	---in Pima County	350†	6	260	67	16	1
	---in Coconino County	290†	1	235	35	14	3
	---elsewhere in Arizona	890†	16	595	197	82	1
	TOTAL	3,027	50†	2,243	546	180	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.

4.11
NUMBER OF PRENATAL VISITS (2010 STATUS)

		TOTAL BIRTHS	Prenatal visits					
			No visits	1-4 visits	5-8 visits	9-12 visits	13+ visits	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,815	130†	510†	1,430†	2,630†	1,090†	30†
Resided on reservation	Ak-Chin Indian Community	10†	*	*	*	7	*	0
	Cocopah Tribe	10†	*	*	*	*	0	0
	Colorado River Indian Tribe	30†	*	*	7	7	8	0
	Fort McDowell Yavapai Nation Reservation	20†	0	*	*	*	*	0
	Fort Mojave Indian Tribe	10†	*	0	0	*	*	0
	Fort Yuma Quechan Tribe	0	0	0	0	0	0	0
	Gila River Indian Community	60†	*	*	11	35	10	0
	Havasupai Tribe	20†	0	*	7	*	*	0
	Hopi Tribe	230†	6	29	58	91	40	*
	Hualapai Tribe	20†	*	*	8	9	*	0
	Kaibab-Paiute Tribe	0	0	0	0	0	0	0
	Navajo Nation	1,460†	30	139	383	633	271	*
	Pascua Yaqui Tribe	40†	*	*	7	23	9	0
	Salt River Pima-Maricopa Indian Community	120†	*	18	28	54	13	0
	San Carlos Apache Tribe	271	10	42	93	89	37	0
	Tohono O'Odham Nation	166	11	15	42	58	40	0
	White Mountain Apache Tribe	330†	14	53	128	109	22	*
	Yavapai-Apache Nation	0†	0	0	*	*	0	0
	Yavapai-Prescott Indian Tribe	10†	0	0	0	*	*	0
	TOTAL		2,788	80†	310†	780†	1,140†	470†
Resided off reservation	---in Maricopa County	1,498	25	99	315	746	307	6
	---in Pima County	350†	6	22	79	163	78	*
	---in Coconino County	290†	*	18	48	136	74	11
	---elsewhere in Arizona	890†	16	60	200	447	166	*
	TOTAL	3,027	50†	199	642	1,492	625	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.

4.12
OBSTETRIC PROCEDURES (2010 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		5,815	30†	5,350†	1,040†	890†	40†	4,160†	470†
Resided on reservation	Ak-Chin Indian Community	13	0	13	0	*	0	12	7
	Cocopah Tribe	11	0	11	0	0	0	11	0
	Colorado River Indian Tribe	28	0	28	*	*	0	18	0
	Fort McDowell Yavapai Nation Reservation	15	0	15	*	*	0	15	0
	Fort Mojave Indian Tribe	7	0	7	*	*	0	6	0
	Fort Yuma Quechan Tribe	0	0	0	0	0	0	0	0
	Gila River Indian Community	59	0	59	*	8	*	45	14
	Havasupai Tribe	16	0	16	*	*	0	*	0
	Hopi Tribe	226	*	188	38	39	0	82	6
	Hualapai Tribe	24	0	24	6	9	0	*	0
	Kaibab-Paiute Tribe	0	0	0	0	0	0	0	0
	Navajo Nation	1,460	7	1,363	268	200	12	868	30
	Pascua Yaqui Tribe	41	0	39	*	0	0	39	7
	Salt River Pima-Maricopa Indian Community	117	0	113	26	21	0	110	*
	San Carlos Apache Tribe	271	*	213	45	30	8	101	40
	Tohono O'Odham Nation	166	0	158	22	*	0	156	36
	White Mountain Apache Tribe	327	0	237	48	49	*	279	*
	Yavapai-Apache Nation	*	0	*	*	0	0	*	0
	Yavapai-Prescott Indian Tribe	*	0	*	*	*	0	*	*
	TOTAL	2,788	10†	2,490†	480†	370†	20†	1,750†	150†
Resided off reservation	---in Maricopa County	1,498	10	1,466	277	304	9	1,207	88
	---in Pima County	350	0	341	61	26	0	336	68
	---in Coconino County	288	*	273	70	77	*	218	*
	---elsewhere in Arizona	891	*	774	149	106	6	641	160
	TOTAL	3,027	20†	2,854	557	513	20†	2,402	320†

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 (2010 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		5,815	1,626	100+	230+	180+	30+	20+	60+	0+	100+	80+	150+	150+	20+	10+	0+	250+	700+	
Resided on reservation	Ak-Chin Indian Community	13	*	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	Cocopah Tribe	11	*	0	*	*	*	0	0	0	0	0	0	*	0	0	0	*	*	
	Colorado River Indian Tribe	28	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0	0	*	
	Fort McDowell Yavapai Nation Reservation	15	9	0	*	*	0	*	0	0	*	0	0	*	0	0	0	0	*	
	Fort Mojave Indian Tribe	7	*	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	
	Fort Yuma Quechan Tribe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Gila River Indian Community	59	16	0	*	*	0	*	0	0	0	0	0	*	0	0	0	*	8	
	Havasupai Tribe	16	*	0	0	0	0	0	0	0	0	0	0	*	0	*	0	0	*	
	Hopi Tribe	226	63	6	13	*	*	0	9	0	*	*	13	6	*	0	0	*	14	
	Hualapai Tribe	24	*	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	
	Kaibab-Paiute Tribe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Navajo Nation	1,460	391	37	39	80	12	*	30	0	29	33	69	31	8	*	0	46	112	
	Pascua Yaqui Tribe	41	14	0	*	*	0	0	0	0	0	0	0	0	0	0	0	*	10	
	Salt River Pima-Maricopa Indian Community	117	34	*	9	0	0	0	*	*	*	*	*	*	0	0	0	11	*	
	San Carlos Apache Tribe	271	94	0	14	8	0	0	*	0	6	8	0	13	0	0	0	*	55	
	Tohono O'Odham Nation	166	44	0	8	*	*	*	0	0	*	*	*	6	0	0	0	0	25	
	White Mountain Apache Tribe	327	101	0	*	9	*	*	*	0	*	*	*	12	0	0	0	9	79	
	Yavapai-Apache Nation	*	*	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	*	*	
	TOTAL		2,788	780+	50+	100+	110+	20+	10+	40+	0+	50+	50+	90+	80+	10+	0+	0	80+	320+
Resided off reservation	---in Maricopa County	1,498	443	38	72	40	*	*	7	*	23	15	40	32	8	0	*	108	187	
	---in Pima County	350	105	*	20	8	*	*	*	0	*	*	*	13	0	0	0	8	65	
	---in Coconino County	288	62	*	10	*	*	*	*	0	10	*	6	7	*	0	*	*	16	
	---elsewhere in Arizona	891	233	8	29	15	*	*	*	*	13	15	9	21	*	7	0	50	112	
	TOTAL		3,027	843	50+	131	70+	10+	10+	10+	0+	50+	40+	60+	73	10+	7	0+	170+	380

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 (2010 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		5,815	4,360†	130†	700†	630†	20†	110†
Resided on reservation	Ak-Chin Indian Community	13	11	0	0	*	0	0
	Cocopah Tribe	11	*	0	*	*	0	0
	Colorado River Indian Tribe	28	25	0	*	0	0	0
	Fort McDowell Yavapai Nation Reservation	15	8	*	*	*	0	0
	Fort Mojave Indian Tribe	7	*	0	*	*	0	0
	Fort Yuma Quechan Tribe	0	0	0	0	0	0	0
	Gila River Indian Community	59	36	*	12	10	0	*
	Havasupai Tribe	16	10	0	*	*	0	0
	Hopi Tribe	226	185	9	18	14	*	*
	Hualapai Tribe	24	18	0	*	*	0	*
	Kaibab-Paiute Tribe	0	0	0	0	0	0	0
	Navajo Nation	1,460	1,177	50	122	111	*	14
	Pascua Yaqui Tribe	41	33	0	*	*	0	0
	Salt River Pima-Maricopa Indian Community	117	89	*	14	10	0	*
	San Carlos Apache Tribe	271	201	0	25	45	*	11
	Tohono O'Odham Nation	166	123	*	25	13	*	*
	White Mountain Apache Tribe	327	251	0	29	47	8	11
	Yavapai-Apache Nation	*	*	0	*	0	0	0
	Yavapai-Prescott Indian Tribe	*	*	0	*	0	0	*
	TOTAL		2,790†	2,180†	70†	270†	270†	20†
Resided off reservation	---in Maricopa County	1,498	1,042	40	227	189	*	26
	---in Pima County	350	259	*	51	36	*	14
	---in Coconino County	288	223	*	34	27	0	0
	---elsewhere in Arizona	891	656	7	117	111	*	22
	TOTAL	3,027	2,180	60†	429	363	10†	62

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 (2010 STATUS)

		TOTAL BIRTHS	M.D.	C.N.M	Midwife	D.O.	Other	Un- known
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,815	3,610†	1,610†	50†	530†	10†	0†
Resided on reservation	Ak-Chin Indian Community	10†	9	0	0	*	0	0
	Cocopah Tribe	10†	10	*	0	0	0	0
	Colorado River Indian Tribe	28	13	0	0	15	0	0
	Fort McDowell Yavapai Nation Reservation	15	15	0	0	0	0	0
	Fort Mojave Indian Tribe	10†	*	0	0	*	0	0
	Fort Yuma Quechan Tribe	0	0	0	0	0	0	0
	Gila River Indian Community	59	40	7	0	12	0	0
	Havasupai Tribe	16	7	0	0	9	0	0
	Hopi Tribe	230†	96	121	0	8	*	0
	Hualapai Tribe	20†	16	*	0	7	0	0
	Kaibab-Paiute Tribe	0	0	0	0	0	0	0
	Navajo Nation	1,460†	445	938	0	73	*	0
	Pascua Yaqui Tribe	40†	28	12	0	0	*	0
	Salt River Pima-Maricopa Indian Community	120†	82	29	0	*	*	0
	San Carlos Apache Tribe	270†	259	*	*	9	0	0
	Tohono O'Odham Nation	170†	162	*	*	*	0	0
	White Mountain Apache Tribe	330†	225	0	*	100	*	0
	Yavapai-Apache Nation	0†	*	0	0	0	0	0
	Yavapai-Prescott Indian Tribe	10†	*	0	0	*	0	0
	TOTAL	2,788	1,420†	1,110†	0†	250†	10†	0
Resided off reservation	---in Maricopa County	1,500†	1,022	362	*	105	*	*
	---in Pima County	350†	300	38	*	8	*	0
	---in Coconino County	290†	212	50	*	23	*	0
	---elsewhere in Arizona	891	655	46	41	149	0	0
	TOTAL	3,027	2,189	496	50†	285	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.



Newborn's Health

4.16
GESTATIONAL AGE (2010 STATUS)

		TOTAL BIRTHS	Length of gestation			
			<37 weeks	37-41 weeks	42+ weeks	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,815	620†	5,140†	50†	10†
Resided on reservation	Ak-Chin Indian Community	13	0	13	0	0
	Cocopah Tribe	10†	*	8	0	0
	Colorado River Indian Tribe	30†	*	26	0	0
	Fort McDowell Yavapai Nation Reservation	20†	*	10	0	0
	Fort Mojave Indian Tribe	7	0	7	0	0
	Fort Yuma Quechan Tribe	0	0	0	0	0
	Gila River Indian Community	59	8	51	0	0
	Havasupai Tribe	20†	*	12	0	0
	Hopi Tribe	230†	23	192	9	*
	Hualapai Tribe	20†	*	20	0	0
	Kaibab-Paiute Tribe	0	0	0	0	0
	Navajo Nation	1,460†	136	1,304	17	*
	Pascua Yaqui Tribe	40†	*	37	0	0
	Salt River Pima-Maricopa Indian Community	120†	10	106	*	0
	San Carlos Apache Tribe	270†	39	231	*	0
	Tohono O'Odham Nation	170†	22	143	*	0
	White Mountain Apache Tribe	330†	44	277	*	*
	Yavapai-Apache Nation	0†	0	*	0	0
	Yavapai-Prescott Indian Tribe	10†	0	*	0	0
	TOTAL	2,788	300†	2,440†	30†	10†
Resided off reservation	---in Maricopa County	1,500†	157	1,336	*	0
	---in Pima County	350†	42	307	*	0
	---in Coconino County	290†	25	259	*	0
	---elsewhere in Arizona	890†	93	796	*	0
	TOTAL	3,027	317	2,698	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.

4.17
WEIGHT AT BIRTH (2010 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		5,815	30†	40†	340†	4,870†	540†	0†
Resided on reservation	Ak-Chin Indian Community	10†	0	0	0	12	*	0
	Cocopah Tribe	10†	0	0	0	10	*	0
	Colorado River Indian Tribe	30†	0	0	0	27	*	0
	Fort McDowell Yavapai Nation Reservation	20†	0	0	*	7	*	0
	Fort Mojave Indian Tribe	7	0	0	0	7	0	0
	Fort Yuma Quechan Tribe	0	0	0	0	0	0	0
	Gila River Indian Community	60†	*	*	*	47	7	0
	Havasupai Tribe	20†	*	*	*	12	*	0
	Hopi Tribe	230†	0	*	17	196	11	0
	Hualapai Tribe	20†	0	0	*	19	*	0
	Kaibab-Paiute Tribe	0	0	0	0	0	0	0
	Navajo Nation	1,460†	*	10	77	1,244	124	*
	Pascua Yaqui Tribe	40†	0	0	*	37	*	0
	Salt River Pima-Maricopa Indian Community	120†	0	0	*	97	15	0
	San Carlos Apache Tribe	270†	*	*	21	225	20	0
	Tohono O'Odham Nation	170†	*	*	14	129	19	0
	White Mountain Apache Tribe	330†	8	*	26	260	31	0
	Yavapai-Apache Nation	0†	0	0	0	*	*	0
	Yavapai-Prescott Indian Tribe	10†	0	0	0	*	*	0
	TOTAL		2,788	20†	20†	170†	2,330†	240†
Resided off reservation	---in Maricopa County	1,498	8	6	82	1,240	162	0
	---in Pima County	350†	*	*	18	293	32	0
	---in Coconino County	290†	0	*	15	250	21	0
	---elsewhere in Arizona	890†	*	*	51	751	82	0
	TOTAL	3,027	10†	20†	166	2,534	297	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 (2010 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		5,815	413	0†	0†	0†	10†	20†	30†	20†	10†	350†
Resided on reservation	Ak-Chin Indian Community	13	*	0	0	0	0	*	0	0	0	*
	Cocopah Tribe	11	*	0	0	0	0	0	*	*	0	*
	Colorado River Indian Tribe	28	*	0	0	0	0	0	*	0	0	*
	Fort McDowell Yavapai Nation Reservation	15	*	0	0	0	0	0	0	*	0	0
	Fort Mojave Indian Tribe	7	*	0	0	0	0	0	0	0	0	*
	Fort Yuma Quechan Tribe	0	0	0	0	0	0	0	0	0	0	0
	Gila River Indian Community	59	*	0	0	0	*	0	0	0	0	*
	Havasupai Tribe	16	0	0	0	0	0	0	0	0	0	0
	Hopi Tribe	226	8	0	0	0	0	*	*	*	0	6
	Hualapai Tribe	24	0	0	0	0	0	0	0	0	0	0
	Kaibab-Paiute Tribe	0	0	0	0	0	0	0	0	0	0	0
	Navajo Nation	1,460	58	*	*	0	*	*	7	10	*	37
	Pascua Yaqui Tribe	41	0	0	0	0	0	0	0	0	0	0
	Salt River Pima-Maricopa Indian Community	117	*	0	0	0	0	0	0	*	0	*
	San Carlos Apache Tribe	271	30	0	0	0	0	*	*	0	*	26
	Tohono O'Odham Nation	166	7	0	0	0	0	0	*	0	0	7
	White Mountain Apache Tribe	327	69	*	0	0	0	0	0	0	*	66
	Yavapai-Apache Nation	*	0	0	0	0	0	0	0	0	0	0
	Yavapai-Prescott Indian Tribe	*	0	0	0	0	0	0	0	0	0	0
	TOTAL		2,788	190†	0†	0†	0	0†	10†	10†	20†	10†
Resided off reservation	---in Maricopa County	1,498	86	*	0	*	*	*	*	*	0	78
	---in Pima County	350	26	0	0	0	*	*	7	0	0	25
	---in Coconino County	288	*	0	0	0	*	0	*	0	*	*
	---elsewhere in Arizona	891	108	*	0	0	*	*	*	6	*	92
	TOTAL		3,027	230†	0†	0	0†	10†	10†	20†	10†	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 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 (2010 STATUS)

		TOTAL BIRTHS	Births with congenital anomalies	Congenital anomalies ^a																					
				Anencephalus	Spina bifida/ meningocele	Hydrocephalus	Microcephalus	Other CNS anomaly	Heart malformations	Other respiratory/ circulatory	Rectal atresia / stenosis	Tracheo-esophageal fistula / esophageal	Omphalocele/ gastroschisis	Other gastrointestinal	Malformed genitalia	Renal agenesis	Other urogenital	Cleft lip /palate	Polydactyly/ syndactyly/ adactyly	Club foot	Diaphragmatic hernia	Other muscoskeletal	Down's syndrome	Other chromosomal	Other
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		5,815	37	0†	0†	0†	0	0	10†	0†	0	0	10†	0	0†	0†	0	10†	0†	0†	0†	0†	10†	0†	
Resided on reservation	Ak-Chin Indian Community	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Cocopah Tribe	11	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	28	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	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Fort Mojave Indian Tribe	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Fort Yuma Quechan 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	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Havasupai Tribe	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Hopi Tribe	226	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
	Hualapai Tribe	24	*	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0
	Kaibab-Paiute Tribe	0	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	1,460	9	0	0	0	0	0	*	0	0	0	*	0	0	0	0	*	0	0	0	*	0	0	0
	Pascua Yaqui Tribe	41	*	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	117	*	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	271	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	*	0	0
	Tohono O'Odham Nation	166	*	0	*	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	*	0
	White Mountain Apache Tribe	327	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
	Yavapai-Apache Nation	*	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	2,790†	20	0	0†	0†	0	0	0†	0	0	0	0†	0	0	0	0	10†	0†	0	0†	0†	0†	0†	0†
Resided off reservation	---in Maricopa County	1,498	*	0	0	0	0	0	*	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
	---in Pima County	350	*	0	0	*	0	0	0	0	0	0	*	0	0	0	0	0	*	0	0	0	*	0	0
	---in Coconino County	288	*	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0
	---elsewhere in Arizona	891	9	*	0	*	0	0	*	*	0	0	*	0	*	*	0	*	*	0	0	*	0	*	*
	TOTAL	3,027	20†	0†	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; ^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, 2010

	TOTAL STATE	Resided on reservation											Resided off reservation				
		Cocopah Tribe	Gila River Indian Community	Havasupai Tribe	Hualapai Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Indian	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 causes	47	0†	1	0†	0†	10†	0†	0†	0†	0†	0†	30†	10†	0†	0†	10†	20†
Certain conditions originating in the perinatal period	10†	0	0	*	0	*	*	*	*	0	*	10†	*	0	*	0	0†
Maternal complications	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†
Short gestation and low birth weight	10†	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
Congenital malformations	10†	*	0	*	*	*	*	0	*	0	0	10†	*	*	0	*	0†
of circulatory system	10†	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
other malformation	10†	0	0	0	*	*	0	0	*	0	0	10†	0	*	0	*	0†
Sudden infant death syndrome	10†	0	0	0	0	*	0	0	0	*	0	0†	0	*	0	*	0†
Accidents (unintentional injury)	0†	0	0	0	0	*	0	0	0	0	0	0†	*	0	0	0	0†
Influenza and pneumonia	0†	0	0	0	0	*	0	0	0	0	0	0†	0	0	0	0	0
Diseases of the digestive system	0†	0	0	0	0	*	0	0	0	*	0	0†	0	0	0	0	0
Infectious and parasitic diseases	0†	0	0	0	0	0	0	0	0	0	0	0	*	0	0	*	0†
Diseases of the nervous system	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0†
Choked on food	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mechanical suffocation	0†	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0†
Drug poisoning, undetermined intent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

4.21
COMPARISON OF SELECTED CHARACTERISTICS* OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2010

		Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Total births		5,815	890†	10†	720†	230†	80†	0†	50†	1,680†	60†	1,000†	550†	410†	0†	70	70†
Mother's age group	<15	14	0	0	*	*	0	0	0	*	0	*	*	*	0	0	0
	15-17	331	52	*	39	21	*	0	0	77	0	62	41	32	0	0	*
	18-19	643	98	*	75	31	19	0	*	151	15	119	64	45	0	12	8
	20-24	1,998	273	*	236	94	27	*	17	595	22	348	181	148	0	29	24
	25-29	1,429	222	*	196	41	19	0	12	423	17	244	132	87	*	16	18
	30-34	876	148	*	104	21	8	*	9	276	8	134	83	62	0	13	7
	35-39	427	76	0	60	13	*	0	*	130	*	68	44	23	0	0	6
	40-44	91	19	0	10	*	0	0	0	27	0	19	6	6	0	0	*
	45+	6	*	0	*	0	0	0	0	0	0	*	*	0	0	0	0
	Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Payee for births	AHCCCS	3,312	423	*	346	60	15	*	13	1,130	40	546	372	263	*	49	50
	IHS	1,657	383	0	326	156	64	0	25	143	*	403	82	64	0	*	6
	Private insurance	686	14	*	41	10	*	*	*	378	20	31	91	67	0	15	9
	Self	59	*	0	8	0	0	0	*	25	*	*	*	10	0	*	0
	Unknown	101	68	0	*	*	0	0	*	6	0	16	*	*	0	0	0
Mother's education	< 8	47	0	0	*	6	*	0	0	21	0	*	6	*	0	0	0
	8	118	*	0	*	6	*	*	*	48	0	14	11	22	0	*	*
	9-11	1,568	166	*	165	92	25	0	13	388	20	280	197	185	0	18	18
	12	2,328	420	*	306	92	40	0	18	590	31	450	200	112	*	33	33
	13-16	1,550	268	*	215	28	12	*	9	561	12	224	112	79	0	14	10
	17+	172	22	0	21	*	0	0	*	68	*	24	24	*	0	*	*
	Unknown	32	8	0	8	*	0	0	*	6	0	*	*	0	0	0	0
Marital status	Married	1,226	169	*	159	32	14	*	*	414	17	197	103	77	0	21	13
	Unmarried	4,517	715	*	555	193	66	*	40	1,230	47	799	444	322	*	49	52
	Other^b	72	*	*	9	*	*	0	0	38	0	*	6	6	0	0	0
Weight gain	None	171	8	0	15	6	*	0	0	47	*	24	37	26	0	*	*
	1-15 pounds	1,077	190	0	122	34	9	0	26	266	7	235	105	60	0	9	14
	16-20 pounds	798	141	0	117	45	10	0	*	218	9	143	57	42	*	9	*
	21-24 pounds	463	108	0	41	16	*	*	*	121	*	90	45	21	0	6	*
	25-30 pounds	1,346	157	*	227	52	23	0	6	404	19	221	98	107	0	21	10
	31+ pounds	1,840	247	6	190	72	31	*	8	618	24	240	204	148	0	21	30
	Unknown	120	38	*	11	*	*	0	*	8	*	47	7	*	0	*	0
Substance use	Drinker, nonsmoker	77	16	0	6	8	*	0	*	13	0	21	9	0	0	*	*
	Smoker, nondrinker	114	8	0	*	7	*	0	*	44	*	7	17	15	0	*	*
	Smoker and drinker	34	*	0	*	*	*	0	*	12	*	*	*	*	0	*	0
	Nonsmoker and nondrinker	5,590	862	8	714	209	77	*	40	1,613	58	969	523	389	*	63	62

4.21 (continued)
COMPARISON OF SELECTED CHARACTERISTICS* OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2010

		Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Length of gestation	<37 weeks	621	82	0	69	31	10	*	*	179	*	105	67	50	0	7	11
	37-41 weeks	5,142	799	8	639	195	71	*	41	1,497	59	876	484	354	*	63	54
	42+ weeks	46	8	0	13	*	0	0	0	6	0	15	*	*	0	0	0
	Unknown	6	0	0	*	0	0	0	0	0	0	*	0	0	0	0	0
Weight at birth	<1,000 grams	30	*	0	*	*	*	0	0	8	0	8	*	*	0	0	*
	1,000-1,499	38	7	0	6	*	*	0	0	6	0	*	6	*	0	0	0
	1,500-2,499	338	50	0	32	20	*	0	0	93	*	77	35	21	0	*	*
	2,500-3,999	4,867	754	7	620	190	70	*	42	1,386	56	832	455	337	*	62	54
	4000+	540	74	*	64	15	6	*	*	189	6	77	52	40	0	*	7
	Unknown	*	*	0	0	0	0	0	0	0	0	*	0	0	0	0	0
Prenatal care	No care	132	17	0	9	8	*	0	*	31	*	28	16	10	0	*	*
	1st trimester	4,035	534	7	545	132	43	*	21	1,274	51	615	397	332	*	53	29
	2nd trimester	1,270	247	*	136	71	30	0	14	286	9	272	115	51	0	12	26
	3rd trimester	359	88	0	29	16	6	*	*	83	*	83	24	12	0	*	7
	Unknown	19	*	0	*	0	0	0	*	8	0	*	*	0	0	0	0
Prenatal visits	No visits	132	17	0	9	8	*	0	*	31	*	28	16	10	0	*	*
	1-4 visits	510	88	0	55	26	22	*	6	121	*	126	37	15	0	*	6
	5-8 visits	1,425	248	0	160	70	33	0	11	357	12	307	128	56	0	13	30
	9-12 visits	2,628	387	*	316	89	15	0	12	834	31	381	243	258	0	39	18
	13+ visits	1,092	145	*	171	34	9	*	11	333	16	155	127	66	*	12	8
	Unknown	28	*	0	12	0	0	0	*	6	0	*	*	0	0	0	0
Newborn intensive care	Yes	324	36	0	22	19	*	0	*	104	*	48	43	30	0	*	10
	No	5,489	853	8	701	208	76	*	44	1,578	63	950	510	375	*	65	55
	Unknown	*	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0
Obstetric procedures	Amniocentesis	28	*	0	7	*	0	0	0	10	0	*	0	*	0	0	0
	Electronic Fetal Monitoring	5,345	770	*	674	200	42	*	42	1,646	64	837	534	400	*	68	65
	Induction of labor	1,035	164	*	157	47	*	0	*	309	23	161	87	49	*	20	*
	Stimulation of labor	886	105	0	154	30	*	0	*	337	18	140	27	55	0	12	*
	Tocolysis	40	*	0	8	9	0	0	0	10	0	8	0	*	0	0	*
	Ultrasound	4,156	565	8	411	71	50	*	27	1,371	24	582	528	385	*	66	65
	Other	466	14	0	13	*	39	*	0	104	0	19	110	156	0	*	*
Method of delivery	Vaginal	4,361	734	*	561	171	58	0	39	1,170	45	783	412	293	*	49	40
	Vaginal after C-Section	125	30	0	18	*	0	0	0	46	0	17	9	*	0	0	0
	Primary C-Section	695	70	*	75	18	10	0	*	255	8	93	80	51	0	17	11
	Repeat C-Section	634	55	*	69	37	13	*	*	211	11	107	52	57	0	*	14
	Forceps	24	*	0	*	*	0	0	0	*	0	12	*	0	0	0	0
	Vacuum	111	9	0	*	14	*	0	0	31	*	25	19	*	0	*	*

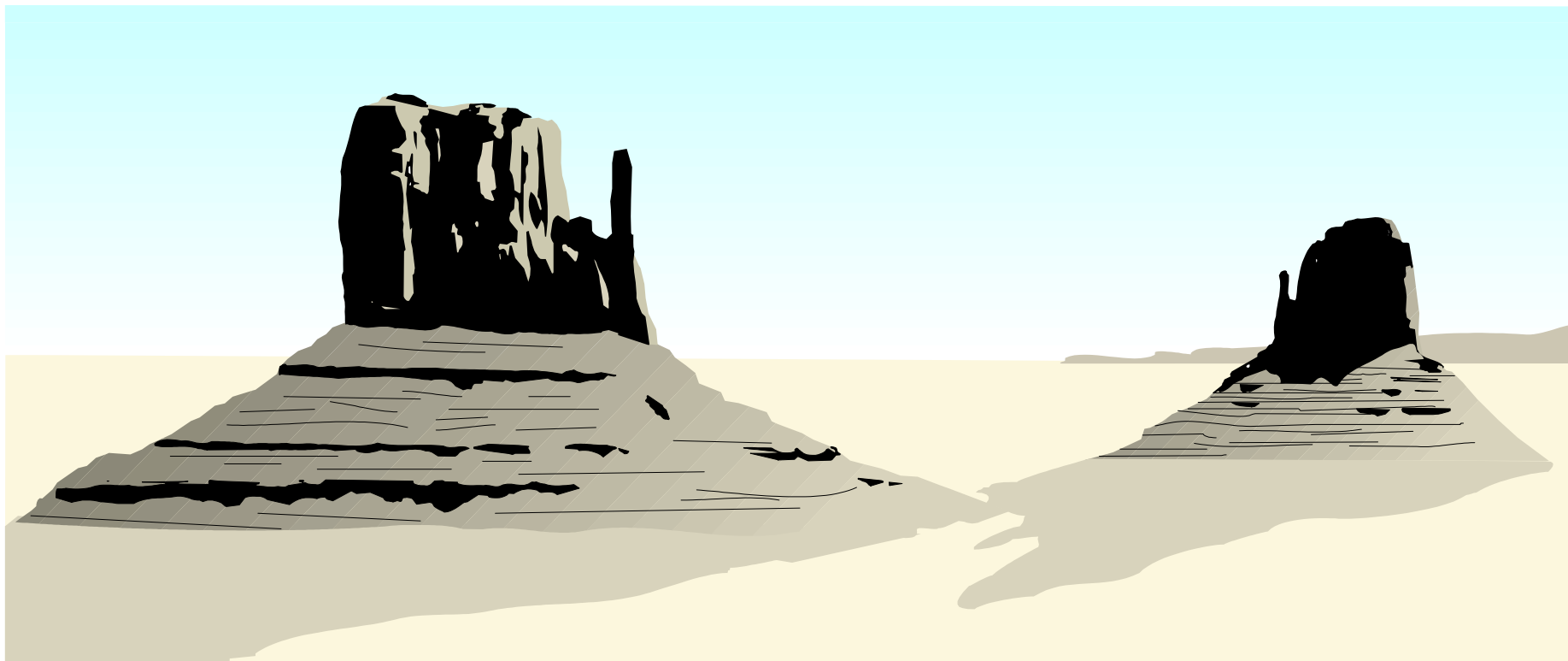
4.21 (continued)
COMPARISON OF SELECTED CHARACTERISTICS* OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2010

		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	2,409	327	3	222	85	31	1	12	882	4	360	282	163	1	24	12
	Anemia	346	48	0	14	13	6	0	0	189	0	32	13	30	0	*	0
	Cardiac disease	9	*	0	0	*	0	0	0	*	0	*	0	*	0	0	0
	Lung disease	65	7	0	*	0	0	0	*	27	0	9	*	17	0	0	0
	Diabetes	453	54	0	63	10	*	*	*	147	*	86	39	45	0	*	*
	Genital herpes	42	0	0	*	0	0	0	*	20	0	*	9	7	0	0	0
	Hydramnios	113	16	0	18	*	0	0	0	42	0	12	19	*	*	0	0
	Hemoglobinopathy	*	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0
	Chronic hypertension	89	10	0	10	*	*	0	0	26	*	14	10	*	0	*	*
	Pregnancy associated hypertension	356	56	*	45	16	*	0	0	125	*	50	28	29	0	*	*
	Eclampsia	94	*	0	6	*	*	0	*	20	0	11	38	*	0	*	0
	Previous infant 4000+g	38	8	0	7	*	0	0	0	16	0	*	*	0	0	0	0
	Previous SGA infant	39	12	0	*	*	0	0	*	10	0	8	*	*	0	*	0
	Renal disease	12	*	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
	Uterine bleeding	32	6	0	*	0	0	0	0	6	0	9	*	*	0	0	0
	Incompetent cervix	*	0	0	*	0	0	0	0	*	0	0	0	*	0	0	0
	Other	1,511	163	*	96	57	21	0	11	624	*	205	209	94	0	22	6
Abnormal conditions of the newborn	Total	413	40	3	26	18	15	0	4	92	1	103	32	60	0	8	11
	Anemia	*	0	0	*	0	0	0	0	*	0	*	0	0	0	*	0
	Birth injury	*	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fetal Alcohol Syndrome	*	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
	Meconium aspiration	16	*	0	*	*	0	0	0	*	0	*	*	*	0	0	0
	Assisted vent.<30 min	31	*	*	*	*	0	0	*	*	0	*	7	0	0	0	*
	Assisted vent.>30 min.	23	*	0	*	0	0	0	0	*	0	7	0	*	0	0	*
	Newborn seizures	11	*	0	*	*	0	0	0	0	0	*	0	*	0	0	*
	Other	351	28	*	19	13	15	0	*	82	*	88	31	57	0	7	6
Births with congenital anomalies	Total	37	4	0	4	4	0	0	0	3	2	7	10	2	0	0	1
	Anencephalus	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
	Spina bifida/meningocele	*	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
	Hydrocephalus	*	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	7	*	0	*	*	0	0	0	*	0	*	0	*	0	0	0
	Other respiratory/circulatory	*	0	0	0	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, 2010

		Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
	Tracheo-esophageal fistula/esophageal atresia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Omphalocele/gastroschisis	*	0	0	*	0	0	0	0	0	0	*	*	*	0	0	0
	Other gastrointestinal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Malformed genitalia	*	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0
	Renal agenesis	*	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0
	Other urogenital	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cleft lip/palate	7	*	0	*	*	0	0	0	*	0	0	*	0	0	0	0
	Polydactyly/syndactyly/adactyly	*	*	0	0	0	0	0	0	0	0	*	0	0	0	0	0
	Club foot	*	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
	Diaphragmatic hernia	*	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
	Other muscoskeletal	*	0	0	0	0	0	0	0	0	*	*	0	0	0	0	0
	Down's syndrome	*	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0
	Other chromosomal	6	0	0	0	*	0	0	0	0	0	0	*	0	0	0	0
	Other	*	0	0	0	*	0	0	0	0	0	*	0	0	0	0	0
Births with complications	Total	1,626	232	6	185	76	30	0	6	499	6	282	162	99	0	21	22
	Febrile	96	11	0	24	0	0	0	*	39	0	11	*	9	0	0	0
	Meconium	227	26	0	28	14	*	0	*	85	0	19	29	14	0	*	*
	Rupture of membrane	176	53	0	18	*	*	0	0	42	0	30	14	9	0	0	*
	Abruptio placenta	31	8	0	*	0	0	0	0	*	0	7	*	*	0	0	*
	Placenta previa	20	*	0	*	0	0	0	0	7	0	*	*	*	0	0	0
	Other bleeding	56	11	0	17	*	0	0	0	8	0	17	*	*	0	0	0
	Seizures	*	0	0	0	0	0	0	0	*	0	*	0	*	0	0	0
	Precipitous labor	99	21	*	16	*	*	0	*	30	*	14	*	*	0	0	0
	Prolonged labor	83	18	0	17	7	*	0	*	18	0	10	*	7	0	*	0
	Dysfunctional labor	151	33	0	34	0	0	0	0	44	0	23	*	*	0	9	0
	Breech malpresentation	151	23	0	15	11	*	0	*	38	*	26	19	7	0	0	*
	Cephalopelvic disproportion.	20	*	0	6	0	0	0	0	8	0	*	0	*	0	0	0
	Cord prolapse	9	*	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
	Fetal distress	254	22	0	22	7	*	0	0	121	*	26	10	30	0	*	9
	Other	696	63	*	55	38	23	0	*	199	*	152	99	38	0	11	7
Infant mortality ^c	Total	47	10†	0	10†	0†	0†	0	0	10†	0†	10†	10†	0†	0	0†	0†
	Neonatal	22	*	0	6	*	*	0	0	*	*	*	*	0	0	0	*
	Postneonatal	25	*	0	*	*	0	0	0	*	0	*	6	*	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 2010



AGE-SPECIFIC MORTALITY

5.1
AGE-SPECIFIC MORTALITY AMONG AMERICAN INDIANS IN 2010

		TOTAL	Age group										
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		1,781	50†	10†	10†	100†	150†	170†	300†	270†	260†	250†	210†
Resided on reservation	Ak-Chin Indian Community	10†	0	0	0	0	0	*	0	*	*	*	0
	Cocopah Tribe	0†	*	0	0	0	0	0	*	0	*	0	0
	Colorado River Indian Tribe	20†	0	0	0	*	0	*	*	*	0	7	*
	Fort McDowell Yavapai Nation Reservation	0†	0	0	0	0	0	*	*	0	0	0	0
	Fort Mojave Indian Tribe	0	0	0	0	0	0	0	0	0	0	0	0
	Gila Bend	0	0	0	0	0	0	0	0	0	0	0	0
	Gila River Indian Community	20†	*	0	0	0	*	*	*	6	*	*	*
	Havasupai Tribe	0†	*	0	0	*	0	0	0	0	0	0	0
	Hopi Tribe	90†	0	*	*	9	*	6	15	8	14	9	19
	Hualapai Tribe	10†	*	0	0	*	*	0	0	*	*	*	*
	Navajo Nation	580†	12	7	*	32	44	49	84	69	79	96	102
	Pascua Yaqui Tribe	20†	*	0	0	0	*	*	*	8	*	*	*
	Salt River Pima-Maricopa Indian Community	50†	*	0	0	*	7	*	11	11	8	*	*
	San Carlos Apache Tribe	80†	*	*	0	*	7	*	10	15	16	17	6
	San Xavier	20†	0	0	0	*	*	*	6	*	*	*	*
	Tohono O'Odham Nation	90†	*	0	*	*	8	8	16	11	15	14	12
	White Mountain Apache Tribe	90†	*	*	*	8	13	12	13	14	11	11	*
	Yavapai-Apache Nation	0†	0	0	0	0	0	0	0	0	*	0	0
	Yavapai-Prescott Indian Tribe	0†	0	0	0	0	*	0	0	0	0	0	0
	TOTAL	1,090†	30†	10†	10†	70†	90†	90†	170†	150†	160†	160†	150†
Resided off reservation	---in Maricopa County	250†	7	*	*	9	22	36	49	44	33	33	11
	---in Pima County	110†	*	0	0	*	7	7	28	18	16	12	10
	---in Coconino County	60†	*	*	*	*	*	9	11	8	*	8	15
	---elsewhere in Arizona	280†	7	*	*	17	27	24	44	48	44	36	27
	TOTAL	690†	20†	0†	0†	30†	60†	76	132	118	100†	89	63

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 2010

		TOTAL	Age group										
			<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		1,015	30†	10†	10†	90†	100†	120†	170†	160†	140†	110†	90†
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
	Colorado River Indian Tribe	10†	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	0
	Gila Bend	0	0	0	0	0	0	0	0	0	0	0	0
	Gila River Indian Community	10†	0	0	0	0	*	0	*	*	0	0	0
	Havasupai Tribe	0†	*	0	0	0	0	0	0	0	0	0	0
	Hopi Tribe	50†	0	*	*	8	*	*	9	*	8	*	7
	Hualapai Tribe	10†	*	0	0	*	*	0	0	*	*	*	*
	Navajo Nation	350†	9	*	*	27	31	40	56	45	46	42	46
	Pascua Yaqui Tribe	10†	*	0	0	0	*	0	*	*	*	0	0
	Salt River Pima-Maricopa Indian Community	30†	0	0	0	*	*	*	6	*	*	*	*
	San Carlos Apache Tribe	60†	*	*	0	*	6	*	*	13	11	7	*
	San Xavier	10†	0	0	0	*	0	*	*	0	0	0	0
	Tohono O'Odham Nation	50†	*	0	*	*	6	*	6	7	*	6	8
	White Mountain Apache Tribe	60†	*	*	*	6	8	9	6	11	6	*	*
	Yavapai-Apache Nation	0†	0	0	0	0	0	0	0	0	*	0	0
	Yavapai-Prescott Indian Tribe	0†	0	0	0	0	*	0	0	0	0	0	0
	TOTAL	640†	20†	10†	10†	60†	60†	70†	100†	100†	90†	70†	70†
Resided off reservation	---in Maricopa County	130†	*	0	*	7	9	20	24	29	18	14	*
	---in Pima County	50†	*	0	0	*	*	*	16	8	7	*	*
	---in Coconino County	30†	*	*	0	*	*	6	6	*	*	6	*
	---elsewhere in Arizona	160†	*	0	0	15	22	19	29	27	22	14	7
	TOTAL	380†	10†	0†	0†	30†	40†	50†	75	70†	50†	40†	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.

5.3
AGE-SPECIFIC MORTALITY AMONG AMERICAN INDIAN FEMALES IN 2010

		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		770†	20†	0†	0†	20†	50†	50†	130†	110†	120†	140†	130†
Resided on reservation	Ak-Chin Indian Community	0†	0	0	0	0	0	*	0	0	*	*	0
	Cocopah Tribe	0†	*	0	0	0	0	0	0	0	*	0	0
	Colorado River Indian Tribe	10†	0	0	0	0	0	*	*	*	0	*	*
	Fort McDowell Yavapai Nation Reservation	0	0	0	0	0	0	0	0	0	0	0	0
	Fort Mojave Indian Tribe	0	0	0	0	0	0	0	0	0	0	0	0
	Gila Bend	0	0	0	0	0	0	0	0	0	0	0	0
	Gila River Indian Community	10†	*	0	0	0	0	*	*	*	*	*	*
	Havasupai Tribe	0†	*	0	0	*	0	0	0	0	0	0	0
	Hopi Tribe	40†	0	0	0	*	*	*	6	*	6	*	12
	Hualapai Nation	0†	0	0	0	*	0	0	0	0	0	*	0
	Navajo Nation	230†	*	*	0	*	13	9	28	24	33	54	56
	Pascua Yaqui Tribe	10†	*	0	0	0	0	*	*	*	*	*	*
	Salt River Pima-Maricopa Indian Community	30†	*	0	0	*	*	*	*	6	*	*	*
	San Carlos Apache Tribe	30†	*	0	0	0	*	0	*	*	*	10	*
	San Xavier	10†	0	0	0	0	*	*	*	*	*	*	*
	Tohono O'Odham Nation	40†	*	0	0	0	*	*	10	*	10	8	*
	White Mountain Apache Tribe	40†	*	0	0	*	*	*	7	*	*	7	*
	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
	TOTAL	450†	10†	10†	10†	10†	10†	10†	10†	10†	10†	10†	10†
Resided off reservation	---in Maricopa County	120†	*	*	0	*	13	16	25	15	15	19	8
	---in Pima County	50†	*	0	0	0	*	*	12	10	9	7	6
	---in Coconino County	30†	0	0	*	0	0	*	*	*	*	*	11
	---elsewhere in Arizona	120†	*	*	*	*	*	*	15	21	22	22	20
	TOTAL	310†	10†	0†	0†	0†	20†	30†	60†	50†	50†	50†	45

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 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2010

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Total, all causes	1,781	1,015	766
Salmonella infections	0	0	0
Shigellosis and amebiasis	0	0	0
Certain other intestinal infections	18	8	10
Enterocolitis due to Clostridium difficile	10†	*	8
Tuberculosis	0†	*	*
Respiratory tuberculosis	0†	*	*
Other tuberculosis	0	0	0
Whooping cough	0	0	0
Scarlet fever and erysipelas	0	0	0
Meningococcal infection	0	0	0
Septicemia	31	12	19
Syphilis	0	0	0
Acute poliomyelitis	0	0	0
Arthropod-borne encephalitis	0	0	0
Measles	0	0	0
Viral hepatitis	10†	7	*
Human immunodeficiency virus (HIV) disease	10†	*	*
Malaria	0	0	0
Other and unspecified infectious and parasitic diseases	16	8	8
Malignant neoplasms	195	103	92
Malignant neoplasm of lip, oral cavity and pharynx	10†	*	*
Malignant neoplasm of esophagus	0†	*	*
Malignant neoplasm of stomach	10†	*	*
Malignant neoplasm of colon, rectum and anus	22	13	9
Malignant neoplasm of liver and intrahepatic bile ducts	13	7	6
Malignant neoplasm of pancreas	10†	7	*
Malignant neoplasm of larynx	0†	*	0
Malignant neoplasm of trachea, bronchus and lung	20†	11	*
Malignant melanoma of skin	0†	0	*
Malignant neoplasm of breast	10	0	10
Malignant neoplasm of cervix uteri	10†	0	*
Malignant neoplasm of corpus uteri and uterus, part unspecified	10†	0	*
Malignant neoplasm of ovary	7	0	7
Malignant neoplasm of prostate	10	10	0
Malignant neoplasm of kidney and renal pelvis	10†	9	*
Malignant neoplasm of bladder	0	0	0

5.4 (continued)
DEATHS BY GENDER FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2010

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Malignant neoplasm of meninges, brain and other parts of CNS	0†	0	*
Malignant neoplasm of lymphoid, hematopoietic and related tissue	24	15	9
Hodgkin's disease	0	0	0
Non-Hodgkin's lymphoma	10†	*	*
Leukemia	10†	8	*
Multiple myeloma and immunoproliferative neoplasms	0†	*	*
Other and unspecified malignant neoplasms of lymphoid tissue	0	0	0
All other and unspecified malignant neoplasm	38	19	19
In situ neoplasms	10†	*	*
Anemias	0	0	0
Diabetes	145	70	75
Nutritional deficiencies	0†	*	*
Malnutrition	0†	*	*
Other nutritional deficiencies	0	0	0
Obesity	10†	*	*
Meningitis	0†	*	0
Parkinson's disease	10†	7	*
Alzheimer's disease	20	7	13
Major cardiovascular diseases	308	167	141
Diseases of heart	227	132	95
Acute rheumatic fever and chronic rheumatic heart disease	0†	0	*
Hypertensive heart disease	10†	7	*
Hypertensive heart and renal disease	0†	*	0
Ischemic heart disease	154	95	59
Acute myocardial infarction	48	33	15
Other acute ischemic heart disease	0	0	0
Other forms of chronic ischemic heart disease	106	62	44
Atherosclerotic cardiovascular disease	37	21	16
All other forms of chronic ischemic heart disease	69	41	28
Other heart diseases	58	29	29
Acute and subacute endocarditis	0†	*	0
Diseases of pericardium and acute myocarditis	0	0	0
Heart failure	20†	*	10
All other forms of heart disease	42	23	19
Essential (primary) hypertension and hypertensive renal disease	21	10	11
Cerebrovascular diseases	49	20	29

5.4 (continued)
DEATHS BY GENDER FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2010

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Atherosclerosis	10†	*	*
Other diseases of circulatory system	10†	*	*
Aortic aneurysm and dissection	0†	*	0
Other disease of arteries, arterioles and capillaries	0†	*	*
Other disorders of circulatory system	0†	*	0
Influenza and pneumonia	60	35	25
Influenza	0†	*	0
Pneumonia	59	34	25
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	33	16	17
Bronchitis, chronic and unspecified	0†	*	0
Emphysema	0	0	0
Asthma	0†	*	*
Other chronic lower respiratory diseases	30	14	16
Pneumoconioses and chemical effects	0†	*	0
Pneumonitis due to solids and liquids	14	8	6
Other disease of respiratory system	30	13	17
Peptic ulcer	0†	0	*
Diseases of appendix	0	0	0
Hernia	0†	*	0
Chronic liver disease and cirrhosis	158	74	84
Alcoholic liver disease	135	69	66
Other chronic liver disease and cirrhosis	20†	*	18
Cholelithiasis and other disorders of gallbladder	0†	*	*
Nephritis, nephrotic syndrome and nephrosis	36	12	24
Acute and rapidly progressive nephritic and nephrotic syndrome	0	0	0
Chronic glomerulonephritis	0†	*	*
Renal failure	32	11	21
Others disorders of kidney	0	0	0
Infections of kidney	0†	*	*
Hyperplasia of prostate	0	0	0
Inflammatory diseases of female pelvic organs	0	0	0
Pregnancy, childbirth and the puerperium	0†	0	*

5.4 (continued)
DEATHS BY GENDER FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2010

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†	7	*
Congenital anomalies, deformations and chromosomal abnormalities	18	11	7
Symptoms, signs, abnormal findings	59	38	21
Total accidents	245	178	67
Transport accidents	124	91	33
Motor vehicle accidents	118	86	32
Other land transport accidents	0†	*	0
Water, air, space	0†	*	*
Nontransport accidents	121	87	34
Falls	26	12	14
Accidental discharge of firearms	0†	*	0
Accidental drowning and submersion	10†	7	*
Accidental exposure to smoke, fire and flames	0†	*	*
Accidental poisoning	56	41	15
Excessive natural heat	0†	*	0
Excessive natural cold	10	10	0
Other and unspecified nontransport accidents	30†	25	*
Intentional self-harm (suicide)	57	48	9
By discharge of firearms	12	12	0
By other means	45	36	9
Assault (homicide)	52	46	6
By discharge of firearms	20†	19	*
By other means	30†	27	*
Legal intervention	0	0	0
Events of undetermined intent	20†	11	*
Discharge of firearms	0†	*	*
Other and unspecified events of undetermined intent	10†	9	*
Operations of war	0	0	0
Complications of medical and surgical care	0†	*	*
INJURY BY FIREARMS	40†	34	*
DRUG-INDUCED DEATHS	35	20	15
ALCOHOL-INDUCED DEATHS	213	134	79

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 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2010

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Total, all causes	1,781	47	14	9	102	147	170	301	269	255	253	214
Salmonella infections	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections	20†	*	0	0	0	0	*	*	*	*	*	*
Enterocolitis due to Clostridium difficile	10†	0	0	0	0	0	0	*	*	*	*	*
Tuberculosis	0†	0	0	0	0	0	0	*	0	0	*	0
Respiratory tuberculosis	0†	0	0	0	0	0	0	*	0	0	*	0
Other tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0
Whooping cough	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia	30†	0	0	0	*	0	*	7	*	7	*	*
Syphilis	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne encephalitis	0	0	0	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis	10†	0	0	0	0	0	*	*	*	*	0	0
Human immunodeficiency virus (HIV) disease	10†	0	0	0	0	*	*	*	0	0	0	0
Malaria	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases	20†	*	*	0	0	*	*	0	*	*	*	*
Malignant neoplasms	200†	0	0	*	*	6	*	24	45	51	36	24
Malignant neoplasm of lip, oral cavity and pharynx	10†	0	0	0	0	0	0	*	*	0	*	*
Malignant neoplasm of esophagus	0†	0	0	0	0	0	*	0	*	0	0	*
Malignant neoplasm of stomach	10†	0	0	0	0	*	0	*	*	*	*	*
Malignant neoplasm of colon, rectum and anus	20†	0	0	0	0	*	*	*	7	*	*	*
Malignant neoplasm of liver and intrahepatic bile ducts	10†	0	0	0	0	0	0	*	*	*	*	0
Malignant neoplasm of pancreas	10†	0	0	0	0	0	0	0	*	6	*	*
Malignant neoplasm of larynx	0†	0	0	0	0	0	0	0	0	*	0	0
Malignant neoplasm of trachea, bronchus and lung	20†	0	0	0	0	0	0	*	*	9	*	0
Malignant melanoma of skin	0†	0	0	0	0	0	0	0	*	0	0	0
Malignant neoplasm of breast	10†	0	0	0	0	*	*	*	*	*	*	0
Malignant neoplasm of cervix uteri	10†	0	0	0	0	0	0	*	0	*	0	*
Malignant neoplasm of corpus uteri and uterus, part unspecified	10†	0	0	0	0	0	0	0	*	*	0	0
Malignant neoplasm of ovary	10†	0	0	0	0	0	0	*	*	*	0	*
Malignant neoplasm of prostate	10†	0	0	0	0	0	0	0	0	0	*	6

5.5 (continued)
DEATHS BY AGE GROUP FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2010

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Malignant neoplasm of kidney and renal pelvis	10†	0	0	0	0	0	0	*	*	*	*	0
Malignant neoplasm of bladder	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of meninges, brain and other parts of CNS	0†	0	0	0	0	0	0	0	*	0	0	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	20†	0	0	*	*	*	0	*	*	6	6	*
Hodgkin's disease	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	10†	0	0	*	0	0	0	*	0	*	*	0
Leukemia	10†	0	0	0	*	*	0	*	*	*	*	*
Multiple myeloma and immunoproliferative neoplasms	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
All other and unspecified malignant neoplasm	40†	0	0	0	*	*	*	*	10	8	7	*
In situ neoplasms	10†	0	0	0	*	0	0	0	*	*	0	*
Anemias	0	0	0	0	0	0	0	0	0	0	0	0
Diabetes	150†	0	0	0	0	*	*	26	35	32	33	13
Nutritional deficiencies	0†	0	0	0	0	0	0	*	0	0	0	*
Malnutrition	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
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	*	*	*
Alzheimer's disease	20†	0	0	0	0	0	0	0	*	*	12	*
Major cardiovascular diseases	310†	*	0	0	*	*	11	39	59	58	58	75
Diseases of heart	230†	*	0	0	*	*	7	29	44	41	46	55
Acute rheumatic fever and chronic rheumatic heart disease	0†	0	0	0	0	0	0	0	0	*	0	*
Hypertensive heart disease	10†	0	0	0	0	0	*	*	*	*	*	*
Hypertensive heart and renal disease	0†	0	0	0	0	0	0	0	0	*	0	0
Ischemic heart disease	150†	0	0	0	0	0	*	17	35	32	29	38
Acute myocardial infarction	50†	0	0	0	0	0	*	*	13	9	12	11
Other acute ischemic heart disease	0	0	0	0	0	0	0	0	0	0	0	0
Other forms of chronic ischemic heart disease	110†	0	0	0	0	0	*	15	22	23	17	27
Atherosclerotic cardiovascular disease	40†	0	0	0	0	0	*	*	9	9	*	7
All other forms of chronic ischemic heart disease	69	0	0	0	0	0	0	10	13	14	12	20
Other heart diseases	60†	*	0	0	*	*	*	9	*	6	15	15
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
Heart failure	20†	0	0	0	0	0	0	*	*	*	8	*
All other forms of heart disease	40†	*	0	0	*	*	*	8	*	*	7	11

5.5 (continued)
DEATHS BY AGE GROUP FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2010

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Essential (primary) hypertension and hypertensive renal disease	20†	0	0	0	0	*	*	*	*	*	*	*
Cerebrovascular diseases	50†	0	0	0	0	*	*	*	10	10	7	15
Atherosclerosis	10†	0	0	0	0	0	0	0	0	*	0	*
Other diseases of circulatory system	10†	0	0	0	0	0	*	*	*	0	*	0
Aortic aneurysm and dissection	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
Other disorders of circulatory system	0†	0	0	0	0	0	0	*	*	0	0	0
Influenza and pneumonia	60†	*	*	0	*	*	6	9	10	7	9	13
Influenza	0†	0	0	0	0	0	0	*	0	0	0	0
Pneumonia	60†	*	*	0	*	*	6	8	10	7	9	13
Other acute lower respiratory infections	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
Unspecified acute lower respiratory infection	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases	30†	*	*	0	0	*	0	*	*	6	16	*
Bronchitis, chronic and unspecified	0†	*	0	0	0	0	0	0	0	0	0	0
Emphysema	0	0	0	0	0	0	0	0	0	0	0	0
Asthma	0†	0	0	0	0	*	0	0	0	0	0	*
Other chronic lower respiratory diseases	30†	0	*	0	0	0	0	*	*	6	16	*
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	*	*	*	*	*
Other disease of respiratory system	30†	*	0	0	0	0	*	*	*	7	9	*
Peptic ulcer	0†	0	0	0	0	0	0	*	0	*	0	0
Diseases of appendix	0	0	0	0	0	0	0	0	0	0	0	0
Hernia	0†	0	0	0	0	0	0	0	0	*	0	0
Chronic liver disease and cirrhosis	160†	0	0	0	*	16	34	61	26	18	*	0
Alcoholic liver disease	140†	0	0	0	*	16	30	55	21	12	0	0
Other chronic liver disease and cirrhosis	20†	0	0	0	0	0	*	6	*	6	*	0
Cholelithiasis and other disorders of gallbladder	0†	0	0	0	0	0	0	0	*	0	*	*
Nephritis, nephrotic syndrome and nephrosis	40†	0	0	0	0	*	*	6	8	*	9	*
Acute and rapidly progressive nephritic and nephrotic syndrome	0	0	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis	0†	0	0	0	0	*	0	0	*	0	*	*
Renal failure	30†	0	0	0	0	0	*	6	7	*	8	*
Others disorders of kidney	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney	0†	0	0	0	0	0	0	*	*	0	0	0
Hyperplasia of prostate	0	0	0	0	0	0	0	0	0	0	0	0

5.5 (continued)
DEATHS BY AGE GROUP FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2010

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Inflammatory diseases of female pelvic organs	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium	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
Other complications of pregnancy, childbirth and the puerperium	0†	0	0	0	0	0	*	0	0	0	0	0
Perinatal conditions	12	12	0	0	0	0	0	0	0	0	0	0
Congenital anomalies, deformations and chromosomal abnormalities	20†	13	*	*	0	0	*	*	0	*	0	0
Symptoms, signs, abnormal findings	60†	6	0	0	*	9	9	9	6	*	*	6
Total accidents	250†	*	6	*	46	50	38	40	16	10	20	12
Transport accidents	120†	0	*	*	31	28	25	21	*	*	*	0
Motor vehicle accidents	120†	0	*	*	31	27	25	16	*	*	*	0
Other land transport accidents	0†	0	0	0	0	*	0	*	0	0	0	0
Water, air, space	0†	0	0	0	0	0	0	*	0	0	0	0
Nontransport accidents	120†	*	*	*	15	22	13	19	12	6	16	12
Falls	30†	0	0	0	0	*	*	*	*	*	7	10
Accidental discharge of firearms	0†	0	0	0	0	*	0	0	0	0	0	0
Accidental drowning and submersion	10†	0	*	*	*	*	*	*	*	0	0	0
Accidental exposure to smoke, fire and flames	0†	0	0	0	*	0	*	0	0	0	0	0
Accidental poisoning	60†	0	0	0	9	18	10	7	6	*	*	0
Excessive natural heat	0†	0	0	*	0	0	0	0	0	0	*	0
Excessive natural cold	10†	0	0	0	*	0	0	*	*	0	*	*
Other and unspecified nontransport accidents	30†	*	*	*	*	0	0	8	*	*	6	*
Intentional self-harm (suicide)	60†	0	0	*	20	15	10	6	*	0	*	0
By discharge of firearms	10†	0	0	0	*	*	*	*	0	0	0	0
By other means	50†	0	0	*	16	12	6	*	*	0	*	0
Assault (homicide)	50†	0	0	0	13	18	14	*	0	*	0	0
By discharge of firearms	20†	0	0	0	8	8	*	*	0	0	0	0
By other means	30†	0	0	0	*	10	11	*	0	*	0	0
Legal intervention	0	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent	20†	0	*	0	*	6	0	*	*	0	0	0
Discharge of firearms	0†	0	0	0	*	*	0	0	0	0	0	0
Other and unspecified events of undetermined intent	10†	0	*	0	*	*	0	*	*	0	0	0
Operations of war	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	0†	*	0	0	0	0	0	0	0	*	0	0
INJURY BY FIREARMS	40†	0	0	0	14	13	7	*	0	0	0	0
DRUG-INDUCED DEATHS	40†	0	0	0	7	10	10	*	*	*	0	0
ALCOHOL-INDUCED DEATHS	210†	0	0	0	8	29	44	76	35	18	*	*

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

5.6
DEATHS BY RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2010

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 Bend	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	1,781	10†	0†	20†	0†	0	0	20†	0†	90†	10†	580†	20†	50†	80†	20†	90†	90†	0†	0†	1,090†	250†	110†	60†	280†	688
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	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	0	0
Certain other intestinal infections	18	0	0	0	0	0	0	*	0	0	0	*	0	0	*	0	*	*	0	0	10†	*	*	*	*	10†
Enterocolitis due to Clostridium difficile	13	0	0	0	0	0	0	*	0	0	0	*	0	0	*	0	*	0	0	0	10†	*	*	*	*	10†
Tuberculosis	0†	0	0	0	0	0	0	0	0	*	0	*	0	0	0	0	0	0	0	0	0†	0	*	*	0	0†
Respiratory tuberculosis	0†	0	0	0	0	0	0	0	0	*	0	*	0	0	0	0	0	0	0	0	0†	0	*	*	0	0†
Other tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	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	0	0
Septicemia	31	0	0	0	0	0	0	0	0	*	0	7	0	*	*	0	*	*	0	0	20†	*	*	0	7	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	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	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	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	0
Viral hepatitis	10†	0	0	0	0	0	0	*	0	*	0	*	*	0	0	0	0	0	0	0	10†	*	*	0	*	0†
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	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	0
Other and unspecified infectious and parasitic diseases	20†	0	0	0	0	0	0	0	0	*	0	*	0	*	*	0	*	*	0	0	10†	*	*	*	0	10†
Malignant neoplasms	195	0	*	*	0	0	0	0	0	11	*	63	*	*	11	*	7	6	0	0	110†	24	21	11	27	83
Malignant neoplasm of lip, oral cavity and pharynx	10†	0	0	0	0	0	0	0	0	*	0	*	0	0	*	0	0	0	0	0	0†	*	*	*	*	0†
Malignant neoplasm of esophagus	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0†	*	0	0	*	0†
Malignant neoplasm of stomach	10†	0	0	0	0	0	0	0	0	0	0	*	*	*	0	0	0	*	0	0	10†	0	0	0	*	0†
Malignant neoplasm of colon, rectum and anus	22	0	0	0	0	0	0	0	0	*	0	7	0	*	*	0	*	0	0	0	20†	*	*	0	*	10†
Malignant neoplasm of liver and intrahepatic bile ducts	10†	0	0	0	0	0	0	0	0	*	0	*	0	0	*	*	*	0	0	0	10†	*	0	0	0	0†
Malignant neoplasm of pancreas	10†	0	0	0	0	0	0	0	0	0	0	*	0	*	*	0	*	0	0	0	10†	*	*	*	0	0†
Malignant neoplasm of larynx	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0†	*	0	0	0	0†
Malignant neoplasm of trachea, bronchus and lung	20†	0	0	0	0	0	0	0	0	0	0	*	*	0	0	0	0	0	0	0	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	10†	0	0	0	0	0	0	0	0	0	0	*	0	*	0	0	0	0	0	0	10†	*	0	*	0	0†
Malignant neoplasm of cervix uteri	10†	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	10†	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	*	0	0	0	0	0	*	0	0	0†	*	0	0	*	0†
Malignant neoplasm of prostate	10†	0	0	*	0	0	0	0	0	0	0	*	0	0	0	0	*	0	0	0	10†	0	*	0	*	0†
Malignant neoplasm of kidney and renal pelvis	10†	0	0	0	0	0	0	0	0	*	0	*	0	0	*	0	0	*	0	0	10†	0	0	0	*	0†

5.6 (continued)
DEATHS BY RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2010

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	Fort Mohave Indian Tribe	Gila Bend	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	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	0	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	24	0	*	0	0	0	0	0	0	0	*	0	*	*	0	*	0	*	*	0	0	10†	*	6	*	*	10†
Hodgkin's disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	10†	0	*	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	*	0	0	0†	*	*	*	0	10†
Leukemia	10†	0	0	0	0	0	0	0	0	0	*	0	*	*	0	*	0	*	0	0	0	10†	*	*	*	0	0†
Multiple myeloma and immunoproliferative neoplasms	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 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	0
All other and unspecified malignant neoplasm	38	0	0	*	0	0	0	0	0	0	*	*	14	0	*	*	0	0	*	0	0	20†	6	*	*	*	20†
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	0
Diabetes	145	*	*	*	0	0	0	0	*	0	*	0	47	*	16	6	*	10	7	0	0	100†	18	6	*	20	50†
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	0†
Malnutrition	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 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	0	0	0
Obesity	10†	0	0	0	0	0	0	0	0	0	0	0	*	0	*	0	0	0	0	0	0	0†	*	0	0	0	0†
Meningitis	0†	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0†	0	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	10†	0	0	0	*	0†
Alzheimer's disease	20†	0	0	0	0	0	0	0	0	0	*	0	*	0	*	0	0	*	0	0	0	10†	8	*	*	*	20†
Major cardiovascular diseases	308	*	0	*	*	0	0	*	0	15	*	96	*	6	16	*	20	17	*	0	190†	42	17	7	50	116	
Diseases of heart	227	0	0	*	*	0	0	*	0	12	*	63	*	*	12	*	14	13	*	0	140†	35	13	*	41	90†	
Acute rheumatic fever and chronic rheumatic heart disease	0†	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0†	0	0	0	*	0†	
Hypertensive heart disease	10†	0	0	0	0	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	0	
Ischemic heart disease	154	0	0	*	*	0	0	*	0	8	*	38	*	*	6	0	*	6	*	0	80†	30	9	*	31	70†	
Acute myocardial infarction	48	0	0	*	0	0	0	0	0	*	*	11	0	0	*	0	*	*	*	0	30†	7	6	0	10	23	
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	0	0	
Other forms of chronic ischemic heart disease	106	0	0	*	*	0	0	*	0	6	0	27	*	*	*	0	*	*	*	0	60†	23	*	*	21	50†	
Atherosclerotic cardiovascular disease	37	0	0	*	*	0	0	*	0	*	0	10	*	*	*	0	*	0	*	0	20†	10	0	*	6	20†	
All other forms of chronic ischemic heart disease	69	0	0	*	0	0	0	*	0	*	0	17	*	*	*	0	*	*	0	0	40†	13	*	*	15	30†	
Other heart diseases	58	0	0	0	0	0	0	0	0	*	0	21	0	*	6	*	8	6	0	0	50†	*	*	0	8	10†	
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	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	20†	0	0	0	0	0	0	0	0	0	*	0	6	0	0	0	0	*	*	0	10†	*	0	0	0	0	
All other forms of heart disease	42	0	0	0	0	0	0	0	0	0	*	0	15	0	*	6	*	*	*	0	30†	*	*	0	8	10†	

5.6 (continued)
DEATHS BY RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2010

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	Fort Mohave Indian Tribe	Gila Bend	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
Essential (primary) hypertension and hypertensive renal disease	21	0	0	0	0	0	0	*	0	*	0	7	0	0	*	0	*	*	0	0	20†	*	*	0	*	10†
Cerebrovascular diseases	49	0	0	*	0	0	0	*	0	*	0	20	0	0	*	*	*	*	0	0	30†	*	*	*	*	20†
Atherosclerosis	10†	0	0	0	0	0	0	0	0	0	0	*	0	*	0	0	*	0	0	0	10†	0	0	0	0	0
Other diseases of circulatory system	10†	*	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	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†
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	0	0
Influenza and pneumonia	60	0	0	*	0	0	0	0	0	*	*	22	0	*	*	*	*	*	0	*	40†	7	*	*	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	0†
Pneumonia	59	0	0	*	0	0	0	0	0	*	*	22	0	*	*	*	*	*	0	*	40†	6	*	*	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	33	0	0	0	0	0	0	0	0	0	*	9	0	0	*	*	*	*	0	0	20†	8	*	0	8	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
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	0	0†
Other chronic lower respiratory diseases	30	0	0	0	0	0	0	0	0	0	*	9	0	0	0	*	0	*	0	0	10†	7	*	0	8	20†
Pneumoconioses and chemical effects	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0†	0	0	0	0	0
Pneumonitis due to solids and liquids	10†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	*	*	*	0	0	10†	*	*	0	*	0†
Other disease of respiratory system	30	0	0	*	0	0	0	0	0	*	0	17	0	0	0	0	*	0	0	0	20†	*	*	*	*	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†
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	158	0	0	*	*	0	0	*	0	*	*	21	*	7	*	*	15	14	*	0	80†	29	10	*	35	80†
Alcoholic liver disease	135	0	0	*	*	0	0	*	0	*	*	18	*	7	*	*	14	13	*	0	70†	27	7	*	27	70†
Other chronic liver disease and cirrhosis	23	0	0	0	0	0	0	0	0	0	0	*	*	0	*	*	*	*	0	0	10†	*	*	0	8	10†
Cholelithiasis and other disorders of gallbladder	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	*	0	0	0†	*	0	0	0	0†
Nephritis, nephrotic syndrome and nephrosis	36	0	0	0	0	0	0	*	0	0	0	9	*	*	*	*	*	*	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	0
Chronic glomerulonephritis	0†	0	0	0	0	0	0	0	0	0	0	0	0	*	*	0	0	0	0	0	0†	*	0	0	*	0†
Renal failure	32	0	0	0	0	0	0	*	0	0	0	9	*	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	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	0†

5.6 (continued)
DEATHS BY RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2010

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	Fort Mohave Indian Tribe	Gila Bend	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	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	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	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	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	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	18	0	*	0	0	0	0	0	*	0	*	*	*	0	*	0	0	0	0	0	10†	*	*	0	*	10†	10†
Symptoms, signs, abnormal findings	59	0	0	*	0	0	0	0	0	*	0	38	0	0	*	0	*	*	0	0	50†	*	*	*	6	10†	10†
Total accidents	245	*	0	*	0	0	0	*	*	16	*	91	*	7	15	*	8	9	0	0	150†	31	12	8	40	91	91
Transport accidents	124	*	0	0	0	0	0	0	0	9	0	51	*	0	9	*	*	*	0	0	80†	13	7	*	22	40†	40†
Motor vehicle accidents	118	*	0	0	0	0	0	0	0	9	0	50	*	0	8	*	*	*	0	0	80†	12	6	*	20	40†	40†
Other land transport accidents	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0	0†	0	0	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†	
Nontransport accidents	121	0	0	*	0	0	0	*	*	7	*	40	*	7	6	0	*	*	0	0	70†	18	*	6	18	50†	50†
Falls	26	0	0	0	0	0	0	0	0	*	0	9	0	0	*	0	*	*	0	0	20†	*	*	*	*	10†	10†
Accidental discharge of firearms	0†	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0†	0	0	0	0	0	
Accidental drowning and submersion	10†	0	0	0	0	0	0	0	0	0	0	*	0	0	*	0	0	*	0	0	0†	*	0	*	*	10†	10†
Accidental exposure to smoke, fire and flames	0†	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0†	0	0	0	0	0	0
Accidental poisoning	56	0	0	*	0	0	0	*	*	*	*	16	*	*	*	0	*	*	0	0	30†	13	*	0	8	20†	20†
Excessive natural heat	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
Excessive natural cold	10†	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	*	0	0	10†	0	0	*	*	0†	0†
Other and unspecified nontransport accidents	27	0	0	0	0	0	0	0	0	*	0	13	0	0	*	0	*	*	0	0	20†	*	0	*	*	10†	10†
Intentional self-harm (suicide)	57	0	0	0	0	0	0	0	0	*	0	32	0	*	*	*	*	*	0	0	40†	*	0	*	11	20†	20†
By discharge of firearms	12	0	0	0	0	0	0	0	0	0	0	*	0	*	0	*	*	0	0	0	10†	0	0	*	*	10†	10†
By other means	45	0	0	0	0	0	0	0	0	*	0	28	0	0	*	*	*	*	0	0	40†	*	0	*	6	10†	10†
Assault (homicide)	52	0	0	*	0	0	0	*	0	*	0	9	0	*	*	*	*	*	0	0	30†	11	*	*	6	20†	20†
By discharge of firearms	21	0	0	0	0	0	0	0	0	*	0	*	0	*	0	0	*	0	0	0	10†	6	*	0	*	10†	10†
By other means	31	0	0	*	0	0	0	*	0	*	0	8	0	*	*	*	0	*	0	0	20†	*	*	*	*	10†	10†
Legal intervention	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent	16	0	0	0	0	0	0	0	0	0	0	*	0	0	*	0	0	*	0	0	10†	*	*	*	*	10†	10†
Discharge of firearms	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	0	*	0†
Other and unspecified events of undetermined intent	13	0	0	0	0	0	0	0	0	0	0	*	0	0	*	0	0	*	0	0	10†	*	0	*	*	10†	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	0	0
Complications of medical and surgical care	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0†	0	0	0	*	0†	0†
INJURY BY FIREARMS	37	0	0	0	0	0	0	0	0	*	0	*	0	*	0	*	*	0	0	0	20†	6	*	*	10	20†	20†
DRUG-INDUCED DEATHS	35	0	0	*	0	0	0	0	0	*	*	*	*	*	*	0	0	0	0	0	10†	10	*	*	8	20†	20†
ALCOHOL-INDUCED DEATHS	213	0	0	*	*	0	0	*	*	7	*	49	*	7	*	*	16	18	*	0	120†	42	9	8	35	94	94

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 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2010

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	1,780†	349	*	211	80	23	*	26	315	23	342	241	131	0	19	13	*
Salmonella infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections	20†	*	0	*	*	0	0	0	*	0	*	*	*	0	0	0	0
Enterocolitis due to Clostridium difficile	10†	*	0	*	*	0	0	0	*	0	*	*	*	0	0	0	0
Tuberculosis	0†	*	0	*	0	0	0	0	0	0	0	*	0	0	0	0	0
Respiratory tuberculosis	0†	*	0	*	0	0	0	0	0	0	0	*	0	0	0	0	0
Other tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Whooping cough	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia	30†	*	0	*	*	*	0	0	*	*	7	*	*	0	0	0	0
Syphilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne encephalitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis	10†	*	0	0	0	0	0	0	*	0	*	*	*	0	0	0	0
Human immunodeficiency virus (HIV) disease	10†	0	0	*	0	0	0	0	*	0	0	0	*	0	0	0	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	20†	*	0	*	*	0	0	0	*	0	*	*	0	0	0	0	0
Malignant neoplasms	200†	31	0	30	13	*	0	*	29	*	37	32	10	0	*	*	0
Malignant neoplasm of lip, oral cavity and pharynx	10†	*	0	*	*	0	0	0	*	0	*	*	0	0	*	0	0
Malignant neoplasm of esophagus	0†	*	0	0	0	0	0	0	*	0	0	0	*	0	0	0	0
Malignant neoplasm of stomach	10†	*	0	*	0	0	0	0	*	0	*	*	0	0	0	0	0
Malignant neoplasm of colon, rectum and anus	20†	*	0	*	*	0	0	0	*	0	*	*	*	0	0	0	0
Malignant neoplasm of liver and intrahepatic bile ducts	10†	*	0	*	*	0	0	0	*	0	*	*	0	0	0	0	0
Malignant neoplasm of pancreas	10†	*	0	*	*	*	0	0	*	0	*	*	0	0	0	0	0
Malignant neoplasm of larynx	0†	*	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Malignant neoplasm of trachea, bronchus and lung	20†	*	0	*	0	0	0	0	*	*	0	*	*	0	*	0	0
Malignant melanoma of skin	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0
Malignant neoplasm of breast	10†	*	0	*	0	0	0	0	*	0	*	0	0	0	0	0	0
Malignant neoplasm of cervix uteri	10†	*	0	*	0	0	0	0	*	0	*	*	0	0	0	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	10†	*	0	0	*	0	0	0	0	0	*	*	0	0	0	0	0
Malignant neoplasm of ovary	10†	*	0	0	0	0	0	*	*	0	*	0	*	0	0	0	0
Malignant neoplasm of prostate	10†	*	0	*	0	0	0	*	0	0	*	*	0	0	0	0	0
Malignant neoplasm of kidney and renal pelvis	10†	*	0	*	*	0	0	*	0	0	*	0	0	0	*	0	0
Malignant neoplasm of bladder	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 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2010

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	0	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	20†	*	0	*	*	0	0	*	*	0	*	8	*	0	0	*	0
Hodgkin's disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	10†	*	0	*	*	0	0	0	*	0	0	*	0	0	0	*	0
Leukemia	10†	*	0	*	*	0	0	0	*	0	*	*	0	0	0	0	0
Multiple myeloma and immunoproliferative neoplasms	0†	0	0	0	0	0	0	*	0	0	*	0	*	0	0	0	0
Other and unspecified malignant neoplasms of lymphoid tissue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasm	40†	7	0	7	*	0	0	*	7	*	7	*	*	0	0	0	0
In situ neoplasms	10†	*	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	150†	35	0	7	7	*	0	*	35	0	21	21	12	0	*	*	0
Nutritional deficiencies	0†	0	0	*	0	0	0	0	*	0	0	0	0	0	0	0	0
Malnutrition	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
Obesity	10†	0	0	*	0	0	0	0	*	0	0	0	0	0	0	0	0
Meningitis	0†	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0	0
Parkinson's disease	10†	*	0	*	0	*	0	*	0	0	*	0	0	0	0	0	0
Alzheimer's disease	20†	*	0	*	0	0	0	0	9	0	*	*	*	0	*	0	0
Major cardiovascular diseases	310†	54	*	37	14	*	0	*	52	7	63	43	18	0	6	*	0
Diseases of heart	230†	30	*	28	10	*	0	*	43	7	48	31	13	0	*	*	0
Acute rheumatic fever and chronic rheumatic heart disease	0†	*	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease	10†	*	0	*	0	0	0	0	*	0	*	*	0	0	0	*	0
Hypertensive heart and renal disease	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0
Ischemic heart disease	150†	21	*	19	*	*	0	*	37	*	26	16	12	0	*	*	0
Acute myocardial infarction	50†	7	0	*	*	0	0	*	7	*	16	8	*	0	*	0	0
Other acute ischemic heart disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other forms of chronic ischemic heart disease	110†	14	*	15	*	*	0	*	30	*	10	8	11	0	*	*	0
Atherosclerotic cardiovascular disease	40†	7	*	*	*	*	0	*	12	*	*	*	*	0	*	0	0
All other forms of chronic ischemic heart disease	70†	7	*	12	*	*	0	*	18	*	8	6	7	0	*	*	0
Other heart diseases	60†	7	0	8	*	*	0	0	*	*	20	10	*	0	*	0	0
Acute and subacute endocarditis	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0
Diseases of pericardium and acute myocarditis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heart failure	20†	*	0	*	0	0	0	0	*	0	7	*	0	0	0	0	0
All other forms of heart disease	40†	*	0	7	*	*	0	0	*	*	13	*	*	0	*	0	0
Essential (primary) hypertension and hypertensive renal disease	20†	*	0	*	*	*	0	0	*	0	*	*	*	0	*	0	0
Cerebrovascular diseases	50†	15	0	8	*	0	0	*	*	0	8	9	*	0	0	0	0

5.7 (continued)

DEATHS BY COUNTY OF RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2010

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	10†	*	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
Aortic aneurysm and dissection	0†	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other disease of arteries, arterioles and capillaries	0†	0	0	0	0	0	0	0	*	0	*	0	*	0	0	0	0
Other disorders of circulatory system	0†	*	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
Influenza and pneumonia	60†	8	0	13	*	0	0	*	8	*	10	8	*	0	*	0	*
Influenza	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Pneumonia	60†	8	0	13	*	0	0	*	7	*	10	8	*	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	8	*	6	*	*	0	0	0	0
Bronchitis, chronic and unspecified	0†	0	0	0	*	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asthma	0†	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0
Other chronic lower respiratory diseases	30†	*	0	*	*	*	0	0	7	*	6	*	*	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
Other disease of respiratory system	30†	10	0	7	*	0	0	*	*	0	*	*	*	0	0	0	0
Peptic ulcer	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	160†	16	0	10	*	*	*	*	39	*	24	31	23	0	*	*	0
Alcoholic liver disease	140†	13	0	9	*	*	0	*	37	*	21	25	19	0	*	0	0
Other chronic liver disease and cirrhosis	20†	*	0	*	*	*	*	0	*	0	*	6	*	0	0	*	0
Cholelithiasis and other disorders of gallbladder	0†	*	0	0	0	0	0	0	*	0	*	0	0	0	0	0	0
Nephritis, nephrotic syndrome and nephrosis	40†	7	0	*	*	0	0	0	7	0	6	8	*	0	0	0	0
Acute and rapidly progressive nephritic and nephrotic syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis	0†	0	0	0	*	0	0	0	*	0	0	0	*	0	0	0	0
Renal failure	30†	7	0	*	*	0	0	0	*	0	6	8	*	0	0	0	0
Others disorders of kidney	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney	0†	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0
Hyperplasia of prostate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inflammatory diseases of female pelvic organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	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 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2010

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	0
Congenital anomalies, deformations and chromosomal abnormalities	20†	*	0	*	*	0	0	0	*	*	*	*	0	0	0	*	*
Symptoms, signs, abnormal findings	60†	32	0	*	*	0	0	*	*	0	12	*	*	0	0	0	0
Total accidents	250†	54	0	39	13	*	0	*	39	*	45	24	19	0	0	*	*
Transport accidents	120†	25	0	23	8	*	0	*	13	*	27	14	10	0	0	*	0
Motor vehicle accidents	120†	25	0	22	7	*	0	0	12	*	26	13	10	0	0	*	0
Other land transport accidents	0†	0	0	*	*	0	0	*	0	0	*	0	0	0	0	0	0
Water, air, space	0†	0	0	0	0	0	0	0	*	0	0	*	0	0	0	0	0
Nontransport accidents	120†	29	0	16	*	*	0	*	26	*	18	10	9	0	0	*	*
Falls	30†	6	0	*	*	0	0	0	*	0	6	*	*	0	0	0	0
Accidental discharge of firearms	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Accidental drowning and submersion	10†	*	0	*	*	0	0	0	*	0	*	0	*	0	0	0	*
Accidental exposure to smoke, fire and flames	0†	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0
Accidental poisoning	60†	12	0	*	*	*	0	*	18	*	6	*	*	0	0	0	0
Excessive natural heat	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0
Excessive natural cold	10†	*	0	*	0	0	0	0	0	0	*	0	0	0	0	0	0
Other and unspecified nontransport accidents	30†	9	0	8	*	0	0	0	*	0	*	*	0	0	0	*	0
Intentional self-harm (suicide)	60†	22	*	7	*	0	0	0	*	*	13	*	*	0	*	0	0
By discharge of firearms	10†	*	*	*	0	0	0	0	*	0	*	*	*	0	*	0	0
By other means	50†	20	0	*	*	0	0	0	*	*	11	*	*	0	0	0	0
Assault (homicide)	50†	7	0	*	*	0	0	*	15	0	11	8	*	0	*	0	0
By discharge of firearms	20†	*	0	*	0	0	0	0	8	0	*	6	*	0	0	0	0
By other means	30†	6	0	*	*	0	0	*	7	0	9	*	0	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	7	*	0	0	0	0	0
Discharge of firearms	0†	0	0	0	0	0	0	0	0	0	*	*	0	0	0	0	0
Other and unspecified events of undetermined intent	10†	*	0	*	0	*	0	0	*	0	6	0	0	0	0	0	0
Operations of war	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	0†	0	0	*	0	0	0	0	0	0	0	0	0	0	*	0	0
INJURY BY FIREARMS	40†	*	*	*	0	0	0	0	10	0	*	9	*	0	*	0	0
DRUG-INDUCED DEATHS	40†	*	0	*	0	*	0	*	14	*	*	*	*	0	0	0	0
ALCOHOL-INDUCED DEATHS	210†	32	0	23	*	*	0	*	53	*	37	28	24	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.

5.8

**DEATHS FROM MOTOR VEHICLE-RELATED INJURIES AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE,
GENDER, AND AGE GROUP, ARIZONA, 2010**

		TOTAL	Resided on reservation									Resided off reservation				
			Ak-Chin Indian Community	Hopi Tribe	Navajo Nation	Pasqua Yaqui Tribe	San Carlos Apache Tribe	San Xavier	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	118	0†	10†	50†	0†	10†	0†	0†	0†	80†	10†	10†	0†	20†	40†
	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	31	0	*	7	0	*	*	*	*	20†	*	*	*	8	10†
	25-34	27	0	*	10	*	*	0	*	0	20†	*	*	0	7	10†
	35-44	25	*	*	11	0	*	0	0	*	20†	*	*	*	*	10†
	45-54	20†	0	*	10	0	*	0	0	0	10†	*	0	0	*	0†
	55-64	0†	0	0	*	0	*	0	0	0	0†	0	*	0	0	0†
	65-74	0†	0	0	*	0	0	0	0	0	0†	*	0	0	0	0†
	75-84	0†	0	0	*	0	0	0	0	0	0†	0	0	0	*	0†
M	ALL AGES	86	0	10†	40†	0†	10†	0†	0†	0†	60†	10†	10†	0†	10†	30†
	1-4	0†	0	0	*	0	0	0	0	0	0†	0	0	0	0	0†
	5-14	0†	0	*	*	0	0	0	0	0	0†	0	0	0	0	0†
	15-24	29	0	*	6	0	*	*	*	*	20†	*	*	*	8	10†
	25-34	20†	0	0	6	*	*	0	*	0	10†	0	*	0	*	10†
	35-44	20†	0	*	10	0	*	0	0	*	10†	*	*	*	0	0†
	45-54	10†	0	*	7	0	*	0	0	0	10†	*	0	0	*	0†
	55-64	0†	0	0	*	0	*	0	0	0	0†	0	*	0	0	0†
	65-74	0†	0	0	*	0	0	0	0	0	0†	*	0	0	0	0†
	75-84	0†	0	0	*	0	0	0	0	0	0†	0	0	0	0	0†
F	ALL AGES	32	0†	0†	10†	0	0†	0	0†	0	20†	10†	0	0	10†	10†
	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	0	0
	15-24	0†	0	*	*	0	0	0	0	0	0†	0	0	0	0	0†
	25-34	10†	0	*	*	0	*	0	*	0	10†	*	0	0	*	10†
	35-44	10†	*	*	*	0	0	0	0	0	0†	*	0	0	*	10†
	45-54	0†	0	0	*	0	0	0	0	0	0†	*	0	0	0	0†
	55-64	0†	0	0	*	0	0	0	0	0	0†	0	0	0	0	0†
	65-74	0†	0	0	*	0	0	0	0	0	0†	0	0	0	0	0†
	75-84	0†	0	0	*	0	0	0	0	0	0†	0	0	0	*	0†

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, 2010

		TOTAL	Resided on reservation								Resided off reservation				
			Hopi Tribe	Navajo Nation	Salt River Pima-Maricopa Indian Community	San Carlos Apache Tribe	San Xavier	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	57	0†	30†	0†	0†	0†	0†	0†	40†	0†	0	0†	10†	20†
	5-14	0†	0	*	0	0	0	0	0	0†	0	0	0	*	0†
	15-24	20†	0	13	0	0	*	0	*	20†	*	0	0	*	0†
	25-34	20†	*	7	*	*	0	*	0	10†	*	0	0	*	0†
	35-44	10†	0	6	0	0	0	0	0	6	0	0	*	*	0†
	45-54	10†	0	*	0	0	0	*	0	0†	*	0	0	*	0†
	55-64	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
M	ALL AGES	48	0†	30†	0†	0†	0†	0†	0†	40†	0†	0	0†	10†	10†
	5-14	0†	0	*	0	0	0	0	0	0†	0	0	0	0	0
	15-24	20†	0	10	0	0	*	0	*	10†	*	0	0	*	0†
	25-34	10†	*	7	*	*	0	*	0	10†	0	0	0	*	0†
	35-44	10†	0	6	0	0	0	0	0	6	0	0	*	*	0†
	45-54	0†	0	*	0	0	0	0	0	0†	0	0	0	*	0†
	55-64	0†	0	*	0	0	0	0	0	0†	0	0	0	*	0†
	75-84	0†	0	*	0	0	0	0	0	0†	0	0	0	0	0
F	ALL AGES	9	0	0†	0	0	0	0†	0	0†	0†	0	0†	0†	10†
	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	0
	25-34	0†	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†
	45-54	0†	0	0	0	0	0	*	0	0†	*	0	0	0	0†
	55-64	0†	0	0	0	0	0	0	0	0	0	0	0	*	0†
	75-84	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, 2010

		TOTAL	Resided on reservation										Resided off reservation				
			Colorado River Indian Tribe	Gila River Indian Community	Hopi Tribe	Navajo Nation	Salt River Pima-Maricopa Indian Community	San Carlos Apache Tribe	San Xavier	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	52	0†	0†	0†	10†	0†	0†	0†	0†	10†	30†	10†	0†	0†	10†	20†
	15-24	10†	*	0	*	*	*	*	0	*	*	10†	*	*	0	*	0†
	25-34	18	0	0	*	*	*	0	0	*	*	10†	*	*	0	*	10†
	35-44	14	0	0	*	*	*	*	*	0	0	10†	*	0	*	*	10†
	45-54	10†	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†
M	ALL AGES	46	0†	0†	0†	10†	0†	0†	0†	0†	10†	30†	10†	0†	0†	10†	20†
	15-24	10†	*	0	*	*	*	*	0	*	*	10†	*	*	0	*	0†
	25-34	17	0	0	*	*	*	0	0	*	*	10†	*	*	0	*	10†
	35-44	10†	0	0	*	*	*	*	*	0	0	10†	*	0	0	*	0†
	45-54	10†	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†
F	ALL AGES	6	0	0	0	0†	0	0	0	0	0	0†	0†	0	0†	0†	0†
	25-34	0†	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0†
	35-44	10†	0	0	0	*	0	0	0	0	0	0†	*	0	*	*	0†

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

5.11
DIABETES-RELATED DEATHS AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE, GENDER, AND AGE GROUP,
ARIZONA, 2010

		TOTAL	Resided on reservation													Resided off reservation				
			Ak-Chin Indian Community	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	San Xavier	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	241	0†	0†	0†	0†	10†	70†	10†	20†	10†	0†	20†	10†	160†	30†	10†	0†	40†	80†
	25-34	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†	*	0	0	*	10†
	45-54	41	0	0	*	*	*	8	*	*	0	0	*	*	20†	8	*	*	*	20†
	55-64	59	*	0	0	*	*	19	*	7	*	0	*	*	40†	*	*	0	10	20†
	65-74	55	*	*	0	0	*	13	*	*	*	0	*	6	40†	6	*	*	9	20†
	75-84	49	0	0	*	0	*	20	0	*	*	0	*	*	30†	6	*	0	7	20†
	85+	20†	0	0	0	*	0	12	0	*	*	*	*	0	20†	*	0	*	*	0†
M	ALL AGES	119	0†	0	0†	0	10†	40†	0†	10†	10†	0	10†	10†	80†	10†	10†	0†	20†	40†
	25-34	3	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	0	0	0†	*	0	0	*	0†
	45-54	23	0	0	*	0	*	8	0	*	0	0	*	0	20†	*	*	0	*	10†
	55-64	38	*	0	0	0	*	15	*	*	*	0	*	*	30†	*	*	0	6	10†
	65-74	27	0	0	0	0	*	*	*	*	*	0	0	*	20†	*	0	*	6	10†
	75-84	20†	0	0	0	0	*	*	0	*	*	0	*	0	10†	*	*	0	*	10†
	85+	10†	0	0	0	0	0	*	0	0	0	0	*	0	10†	*	0	0	*	0†
F	ALL AGES	122	0†	0†	0†	0†	0†	40†	0†	10†	0†	0†	10†	10†	80†	20†	10†	0†	20†	40†
	25-34	0†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0†
	35-44	10†	0	0	0	*	0	0	0	0	0	0	*	*	0†	*	0	0	*	0†
	45-54	18	0	0	0	*	0	0	*	*	0	0	*	*	10†	7	*	*	*	10†
	55-64	21	0	0	0	*	*	*	*	*	*	0	*	*	10†	*	*	0	*	10†
	65-74	28	*	*	0	0	*	9	*	*	*	0	*	*	20†	*	*	0	*	10†
	75-84	34	0	0	*	0	0	15	0	*	*	0	*	*	20†	*	*	0	6	10†
	85+	20†	0	0	0	*	0	7	0	*	*	*	*	0	10†	0	0	*	*	0†

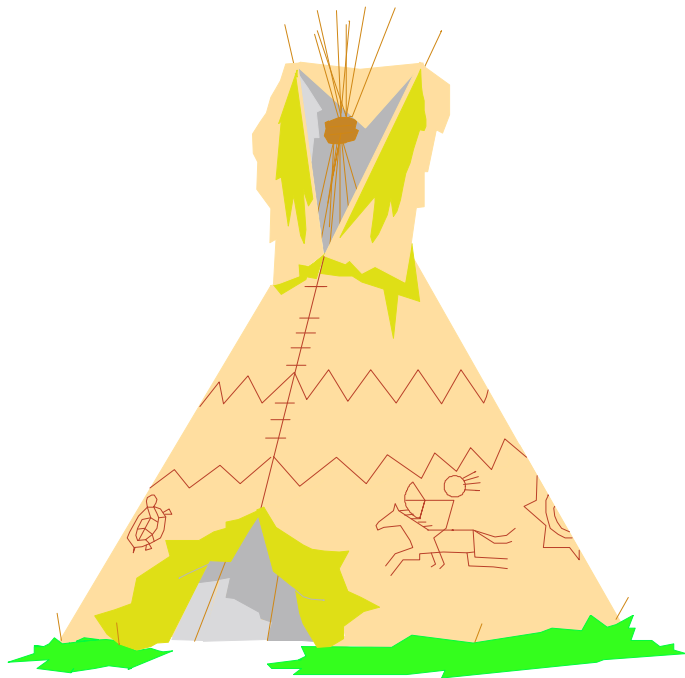
Notes: * Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6; Diabetes-related: deaths due to diabetes reported as multiple cause of death (any mention of diabetes on the death certificate). The number of deaths due to diabetes as the underlying cause of death (145 in 2010) 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, 2010**

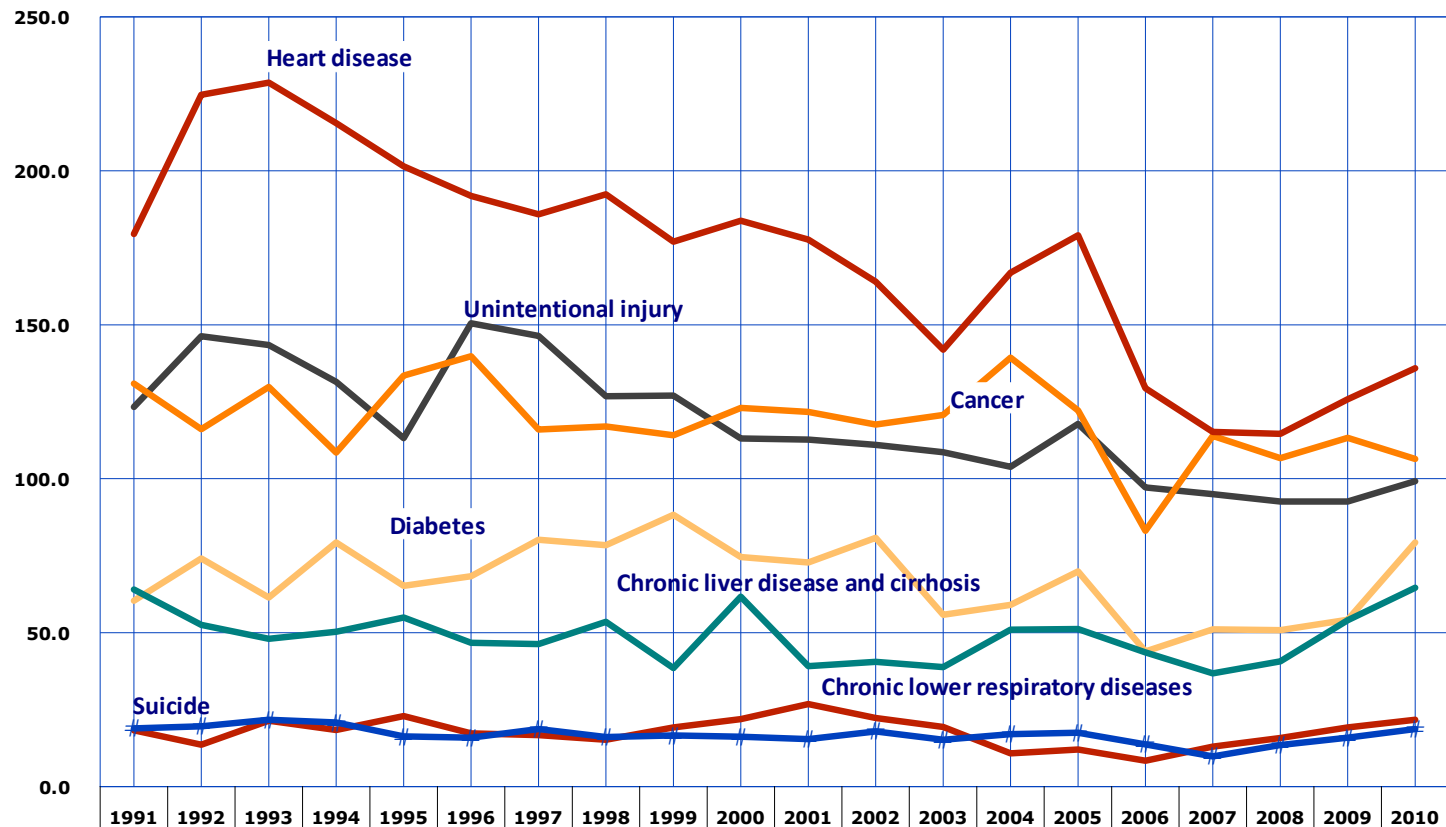
		TOTAL	Resided on reservation															Resided off reservation				
			Colorado River Indian Tribe	Fort McDowell Yavapai Nation Reservation	Gila River Indian Community	Havasupai Tribe	Hopi Tribe	Hualapai Nation	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Indian Community	San Carlos Apache 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	210+	0+	0+	0+	0+	10+	0+	50+	0+	10+	10+	0+	20+	20+	0+	120+	40+	10+	10+	40+	90+
	15-24	10+	0	0	0	*	*	*	*	0	0	0	0	0	0	0	10+	*	0	0	*	0+
	25-34	29	0	0	*	0	0	*	7	0	0	*	0	0	7	0	20+	*	*	*	*	10+
	35-44	44	*	*	*	0	*	0	8	0	0	0	0	*	*	0	20+	10	*	*	7	20+
	45-54	76	*	0	0	0	*	0	20	*	6	*	*	6	*	0	40+	10	*	*	14	30+
	55-64	35	0	0	*	0	0	0	6	*	*	*	0	*	*	0	20+	10	*	*	*	20+
	65-74	18	0	0	0	0	*	0	*	0	0	0	0	*	0	*	10+	6	0	0	*	10+
	75-84	0+	0	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	0
M	ALL AGES	130+	0+	0+	0+	0	0+	0+	40+	0	0+	10+	0+	10+	10+	0	70+	20+	0+	0+	30+	60+
	15-24	10+	0	0	0	0	*	*	*	0	0	0	0	0	0	0	0+	*	0	0	*	0+
	25-34	16	0	0	*	0	0	*	*	0	0	*	0	0	*	0	10+	0	0	*	*	10+
	35-44	30	*	*	0	0	*	0	6	0	0	0	0	*	*	0	10+	8	0	*	7	20+
	45-54	44	*	0	0	0	*	0	12	0	*	*	*	*	*	0	20+	*	*	*	11	20+
	55-64	23	0	0	*	0	0	0	*	0	*	*	0	*	*	0	10+	*	*	*	*	10+
	65-74	10+	0	0	0	0	0	0	*	0	0	0	0	*	0	0	10+	*	0	0	*	10+
	75-84	0+	0	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	0
F	ALL AGES	80+	0+	0	0+	0+	0+	0+	10+	0+	0+	0	0+	10+	10+	0+	50+	20+	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	13	0	0	0	0	0	0	*	0	0	0	0	0	*	0	10+	*	*	0	0	10+
	35-44	10+	*	0	*	0	*	0	*	0	0	0	0	*	*	0	10+	*	*	*	0	10+
	45-54	32	0	0	0	0	*	0	8	*	*	0	*	*	*	0	20+	*	*	*	*	10+
	55-64	10+	0	0	*	0	0	0	*	*	0	0	0	*	0	0	10+	*	0	*	*	10+
	65-74	10+	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* in the Selected Leading Causes of Death among American Indian Residents of Arizona, 1991-2010



Notes: * Based on age-adjusted mortality rates: Number of deaths per 100,000 population age-adjusted to the 2000 U.S. standard. See Table 2B-3 in the "Arizona Health Status and Vital Statistics 2010" report.

5.14
Five Leading Causes of Death* by Gender among American Indian
Residents of Arizona in 2010

Rank	Female	Both	Male
1	Diseases of heart 108.1	Diseases of heart 135.9	Diseases of heart 169.5
2	Cancer 86.6	Cancer 106.4	Unintentional injury 148.9
3	Diabetes 76.9	Unintentional injury 99.2	Cancer 137.8
4	Chronic liver disease and cirrhosis 64.9	Diabetes 79.3	Diabetes 80.6
5	Unintentional injury 55.4	Chronic liver disease and cirrhosis 64.6	Chronic liver disease and cirrhosis 63.9

Notes: * 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 2010" report.

5.15
Five Leading Causes of Death among American Indians by Gender and Residence
On or Off Reservation, Arizona, 2010

Rank	Female, resided on reservation	Female, resided off reservation	Male, resided on reservation	Male, resided off reservation
1	Diseases of heart 12.6%	Cancer 12.5%	Unintentional injury 18.4%	Unintentional injury 16.0%
2	Diabetes 11.9%	Diseases of heart 12.1%	Diseases of heart 12.2%	Diseases of heart 14.4%
3	Cancer 11.7%	Chronic liver disease and cirrhosis 11.5%	Cancer 9.2%	Cancer 11.7%
4	Chronic liver disease and cirrhosis 10.6%	Unintentional injury 9.9%	Diabetes 7.2%	Chronic liver disease and cirrhosis 11.5%
5	Unintentional injury 7.9%	Diabetes 6.7%	Suicide 5.8%	Diabetes 6.4%

Note: * Percent of total deaths in specified group.

5.16
Proportional Mortality* by Type of Cancer and Gender among American Indians and all Residents of Arizona, 2000-2010

Rank	Arizona male**	American Indian male	Arizona female**	American Indian female
1	Trachea, bronchus, lung 28.3%	Lymphoma 11.5%	Trachea, bronchus, lung 25.6%	Breast 13.1%
2	Lymphoma 10.7%	Prostate 11.4%	Breast 15.5%	Lymphoma 11.2%
3	Prostate 10.6%	Liver 9.4%	Colon, rectum, anus 9.5%	Trachea, bronchus, lung 7.9%
4	Colon, rectum, anus 9.4	Trachea, bronchus, lung 9.3%	Lymphoma 9.5%	Ovary 7.9%
5	Pancreas 5.8%	Kidney 8.9%	Pancreas 6.0%	Colon, rectum, anus 6.5%
6	Leukemia 4.3%	Colon, rectum, anus 8.5%	Ovary 5.9%	Liver 6.0%
7	Non-Hodgkin's lymphoma 4.1%	Stomach 8.2%	Non-Hodgkin's lymphoma 3.9%	Pancreas 5.6%
8	Liver 3.8%	Pancreas 6.7%	Leukemia 3.6%	Stomach 5.5%
9	Esophagus 3.7%	Leukemia 4.1%	Brain 2.4%	Cervix uteri 4.9%
10	Bladder 3.4%	Esophagus 3.8%	Liver 2.3%	Kidney 4.2%

Notes: * Percent of cancer deaths in specified group in 1999-2009.
 **All race/ethnic groups combined.
 Percentages based on frequency counts in table 5-18.

5.17
Proportional Mortality* by Mechanism of Unintentional Injury and Gender among
American Indians and all Residents of Arizona, 2000-2010

Rank	Arizona male**	American Indian male	Arizona female**	American Indian female
1	Motor vehicle-related 38.3%	Motor vehicle-related 55.0%	Falls 31.9%	Motor vehicle-related 64.0%
2	Poisoning by drugs 22.3%	Poisoning by drugs 9.0%	Motor vehicle-related 30.9%	Falls 10.3%
3	Falls 16.4%	Falls 6.7%	Poisoning by drugs 19.4%	Poisoning by drugs 7.9%
4	Accidental drowning 3.7%	Exposure to cold 5.3%	Midadventures to patients 2.4%	Poisoning by gases 2.6%
5	Exposure to heat 1.8%	Poisoning by gases 4.7%	Choked on objects other than food 2.3%	Exposure to cold 2.0%
6	Poisoning by gases 1.5%	Accidental drowning 3.1%	Accidental drowning 2.2%	Midadventures to patients 1.9%
7	Choked on objects other than food 1.4%	Railway accident 1.6%	Fire, flames, smoke 1.6%	Accidental drowning 1.8%
8	Fire, flames, smoke 1.3%	Fire, flames, smoke 1.6%	Choked on food 1.3%	Fire, flames, smoke 1.6%
9	Choked on food 1.2%	Mechanical suffocation 1.5%	Exposure to heat 1.1%	Choked on objects other than food 1.1%
10	Mechanical sufocation 1.2%	Exposure to heat 1.2%	Poisoning by gases 1.0%	Choked on food 1.0%

Notes: * Percent of unintentional injury deaths in specified group in 2000-2010.
 **All race/ethnic groups combined.
 Percentages based on frequency counts in table 5-19.

5.18
COMPARISON OF MORTALITY BY SPECIFIC TYPE OF CANCER BY GENDER AMONG AMERICAN INDIANS AND
ALL RESIDENTS* OF ARIZONA, 2000-2010

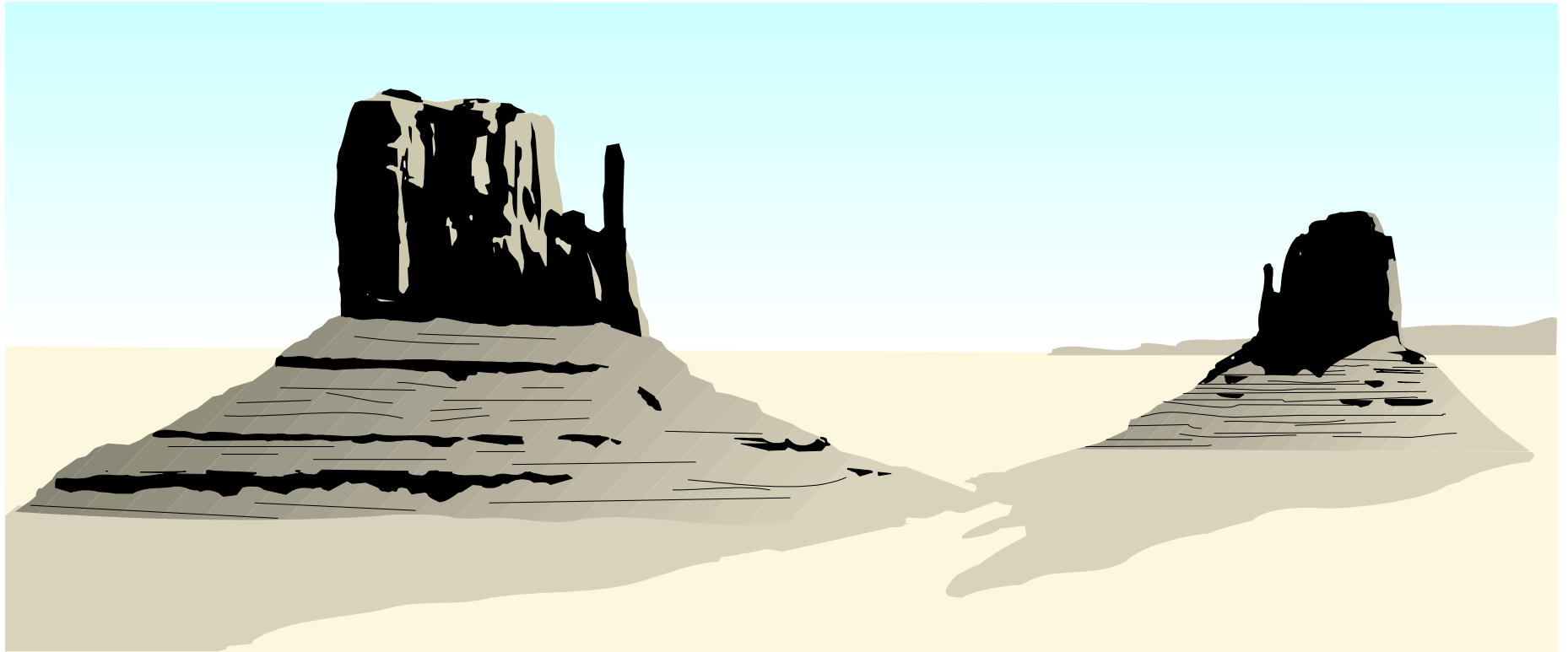
	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Malignant neoplasms, total	106,232	56,932	49,298	2,078	997	1,080
Malignant neoplasm of lip, oral cavity and pharynx	1,390	967	423	28	19	9
Malignant neoplasm of esophagus	2,658	2,131	527	47	38	9
Malignant neoplasm of stomach	2,082	1,255	827	141	82	59
Malignant neoplasm of colon, rectum and anus	10,071	5,369	4,701	155	85	70
Malignant neoplasm of liver and intrahepatic bile ducts	3,294	2,155	1,139	159	94	65
Malignant neoplasm of pancreas	6,262	3,285	2,977	127	67	60
Malignant neoplasm of larynx	619	497	122	10†	*	*
Malignant neoplasm of trachea, bronchus and lung	28,726	16,089	12,637	178	93	85
Malignant melanoma of skin	1,858	1,296	562	10†	7	*
Malignant neoplasm of breast	7,737	85	7,652	140†	*	141
Malignant neoplasm of cervix uteri	722	0	722	53	0	53
Malignant neoplasm of corpus uteri and uterus, part unspecified	1,072	0	1,071	32	0	32
Malignant neoplasm of ovary	2,915	0	2,914	85	0	85
Malignant neoplasm of prostate	6,040	6,033	7	114	114	0
Malignant neoplasm of kidney and renal pelvis	2,568	1,647	921	134	89	45
Malignant neoplasm of bladder	2,644	1,938	706	19	10	9
Malignant neoplasm of meninges, brain and other parts of central nervous system	2,676	1,487	1,189	35	19	16
Malignant neoplasm of lymphoid, hematopoietic and related tissue	10,758	6,088	4,669	237	115	121
Hodgkin's disease	220	134	86	0†	*	0
Non-Hodgkin's lymphoma	4,238	2,317	1,920	81	37	43
Leukemia	4,201	2,443	1,758	85	41	44
Multiple myeloma and immunoproliferative neoplasms	2,091	1,188	903	69	35	34
Other and unspecified malignant neoplasms of lymphoid tissue	10†	6	*	0	0	0
All other and unspecified malignant neoplasms	12,140	6,608	5,532	374	158	216

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* OF ARIZONA, 2000-2010

	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Unintentional injury, total	30,373	19,542	10,825	2,935	2,102	833
Railway accidents	114	99	15	41	34	7
Motor vehicle -related	10,833	7,486	3,347	1,690	1,157	533
Water transport accident	38	27	11	0	0	0
Accident involving aircraft	229	196	33	0†	*	0
Poisoning by drugs/medicaments	6,457	4,358	2,099	256	190	66
Poisoning by gases and vapors	449	343	106	120	98	22
Falls	6,660	3,209	3,450	226	140	86
Fire, flames, smoke	448	279	169	46	33	13
Excessive natural heat	467	351	116	32	26	6
Excessive natural cold	227	186	41	128	111	17
Contact with venomous snakes and lizards	10†	6	*	0†	*	0
Contact with venomous spiders	0†	*	*	0	0	0
Contact with scorpions	0†	*	*	0	0	0
Contact with hornets, wasps, bees	10†	*	*	0	0	0
Bitten or struck by dog	15	7	8	0†	*	0
Lightning	10†	10	*	0†	*	0
Storms and floods	10†	9	*	0†	*	0
Accidental drowning and submersion	0	0	0	0	0	0
Choked on food	393	248	145	32	24	8
Choked on other objects	543	298	245	35	26	9
Mechanical suffocation	330	235	95	38	31	7
Accidental discharge of firearms	166	134	32	20†	17	*
Exposure to electric current	78	78	0	10†	*	0
Overexertion	0†	*	0	0†	*	0
Adverse effects of drugs in therapeutic use	66	28	38	0†	*	0
Misadventures to patients during medical/surgical care	488	232	256	26	10	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, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached.

Birth 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	2010 population of American Indians	2010 deaths among American Indians	Age-specific rates for American Indians in 2010	2000 standard	Age-adjusted rate for American Indians In 2010
A	B	C	D (C/B)*100000	E	F D*E
<1	5,815	47	808.3	.013818	11.2
1-4	22,219	14	63.0	.055317	3.5
5-14	53,250	9	16.9	.145565	2.5
15-24	56,740	102	179.8	.138646	24.9
25-34	43,489	147	338.0	.135573	45.8
35-44	36,772	170	462.3	.162613	75.2
45-54	35,356	301	851.3	.134834	114.8
55-64	22,876	269	1175.9	.087247	102.6
65-74	12,371	255	2061.3	.066037	136.1
75-84	5,790	253	4369.6	.044842	195.9
85+	1,851	214	11561.3	.015508	179.3
	296,529	1,781		TOTAL	Σ 891.8

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

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

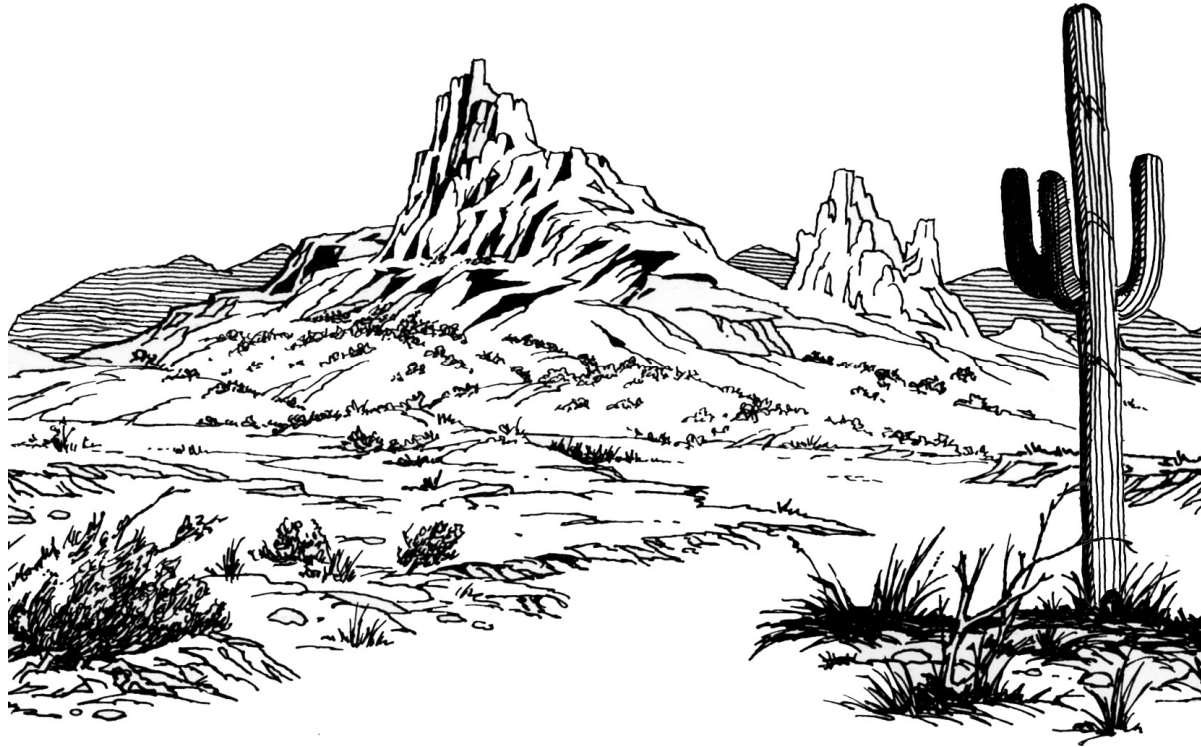
Cause-specific mortality – Number of deaths from a specified cause during a calendar year.

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

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

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

Our Web site at <http://www.azdhs.gov/plan> provides instantaneous access to a wide range of statistical information about health status of Arizonans. The *Arizona Health Status and Vital Statistics* annual report examines trends in natality, mortality, and morbidity towards established health objectives. Additional reports and studies include *Differences in the Health Status Among Race/Ethnic Groups*, *Advance Vital Statistics by County of Residence*, *Mortality from Alzheimer's Disease*, *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 for *mental disorders*, *asthma*, *diabetes*, *influenza and pneumonia*, and *substance abuse*, *Community Vital Statistics*, *Teenage Pregnancy*, *Selected Characteristics of Newborns and Mothers Giving Birth by Census Tract* in Maricopa County, Pima County and South Phoenix Area, *Health Status Profile of American Indians in Arizona*, *Deaths from Exposure to Excessive Natural Heat Occurring in Arizona*, *Obesity in Arizona: Prevalence, Hospital Care Utilization, Mortality, Marital Status, and Health*, *Heart Disease vs. Cancer: An Epidemiologic Transition in Mortality Risks*.



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