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Bureau of Public Health Statistics
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HEALTH STATUS PROFILE OF AMERICAN INDIANS IN ARIZONA: 2006 DATA BOOK

by

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October 2007

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INTRODUCTION

The report *Health Status Profile of American Indians in Arizona: 2006 Data Book* is the eleventh 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 2006.

American Indian births are determined by mother's race as indicated on a birth certificate. American Indian deaths are determined by decedent's race as stated on the death certificate.

The charts and tables comprising the 2006 *Health Status Profile of American Indians in Arizona* are grouped into five major sections:

- 1) summary risk profile of American Indian residents of Arizona according to 70 indicators or measures of health status;
- 2) comparison of American Indians' standing in Arizona with respect to select health objectives for the year 2010;
- 3) trend data for 1996-2006 for select health problems and health risks among American Indians and all residents of Arizona;
- 4) characteristics of American Indian newborns and mothers giving birth; and
- 5) patterns of cause-specific mortality among American Indians by age group, gender and place of residence. This report presents 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 **Technical Notes**, which provide information about the sources of data and definitions of terms used in the report, as well as a comparison of cause-of-death categories classified by the Ninth (ICD-9) and the Tenth Revisions (ICD-10) of the International Classification of Diseases. The causes of death for 2000 - 2006 are classified by ICD-10.

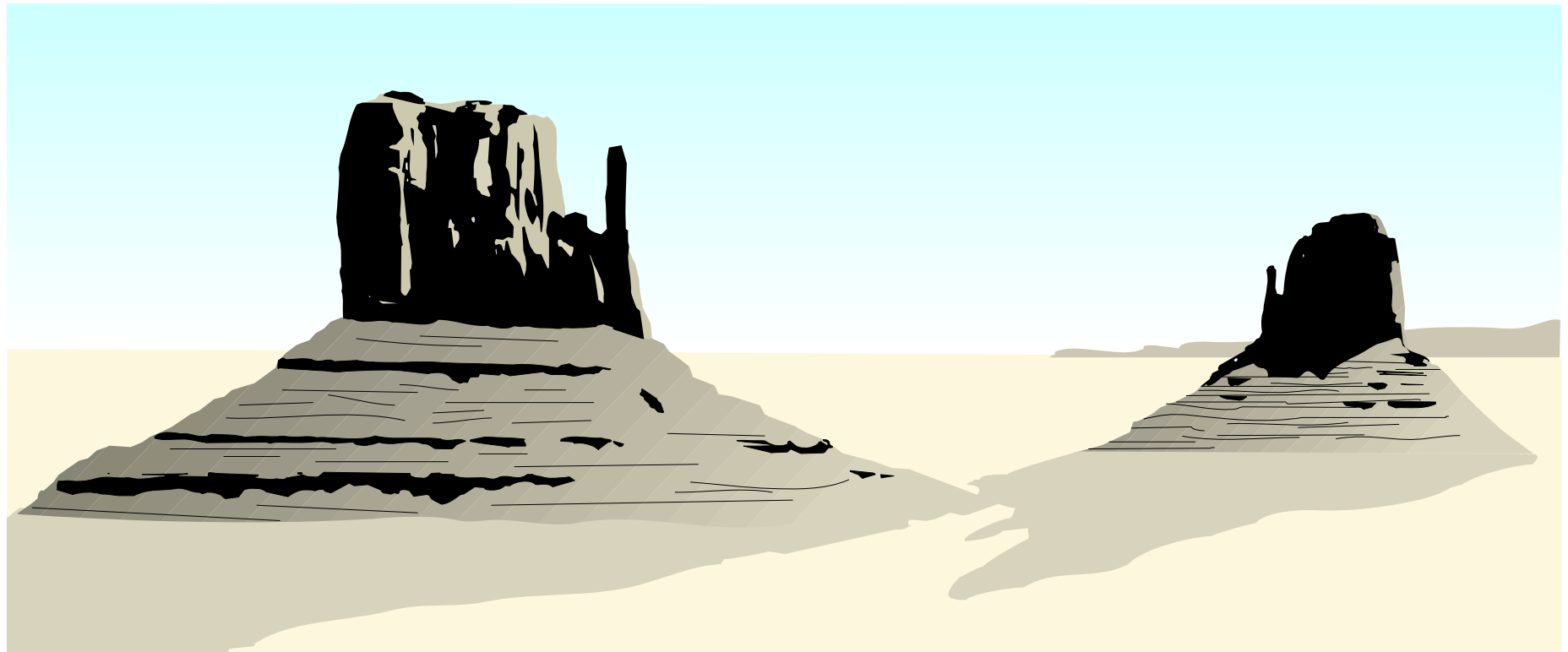
Beginning with the first edition of this report published in 1996, specific Indian reservations have been identified by the tribal community in residence. However, this approach does not consider tribes residing within the limits of an incorporated city (such as Yavapai Prescott Indian Tribe) or inside a metropolitan area (such as Salt River Pima-Maricopa Community, Fort McDowell Yavapai Nation, Gila River Indian Community or Fort Yuma Quechan Tribe).

Therefore, in this edition of the report, tribal affiliation combined with a specific place of residence was used to distinguish between American Indian residents of specified tribal communities and/or on reservations, and those who resided off reservation in Arizona in 2006. For example, Pascua Yaquis are defined here as the American Indian residents of Guadalupe, South Tucson, Marana or Tucson whose tribal affiliation was Pascua Yaqui. Vital events to Pascua Yaqui Indians who resided in Glendale or Scottsdale are included among events occurring outside their tribal communities or "off reservation". Similarly, the only American Indian residents of Prescott who are included in the counts of events for Yavapai-Prescott Indian Tribe are those affiliated with the Yavapai-Prescott Indian Tribe. Tribal affiliation is being used in this report only in its supplementary role and the tabulations of births and deaths in this publication are not by tribal membership but by place of residence in Arizona, as originally intended.

A detailed classification of tribal communities in Arizona is available in the **Appendix A**. It no longer identifies the numeric codes associated with community names because they are not used in the mortality database and the extent to which they appear in the birth database is limited. Generally, the information about the usual place (or tribal community) of residence is poorly recorded in the electronic databases of births and deaths. Certain communities are altogether absent or underrepresented. Therefore, the tribe-or-reservation-specific counts of vital events in this report are not exact enumerations.

Health Status Profile of American Indians in Arizona is 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.

In addition to bound form, the online versions of the report for 1995–2006 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 2006**

The risk profile presented on the following page summarizes how American Indians as a group compared in 2006 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 race/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.

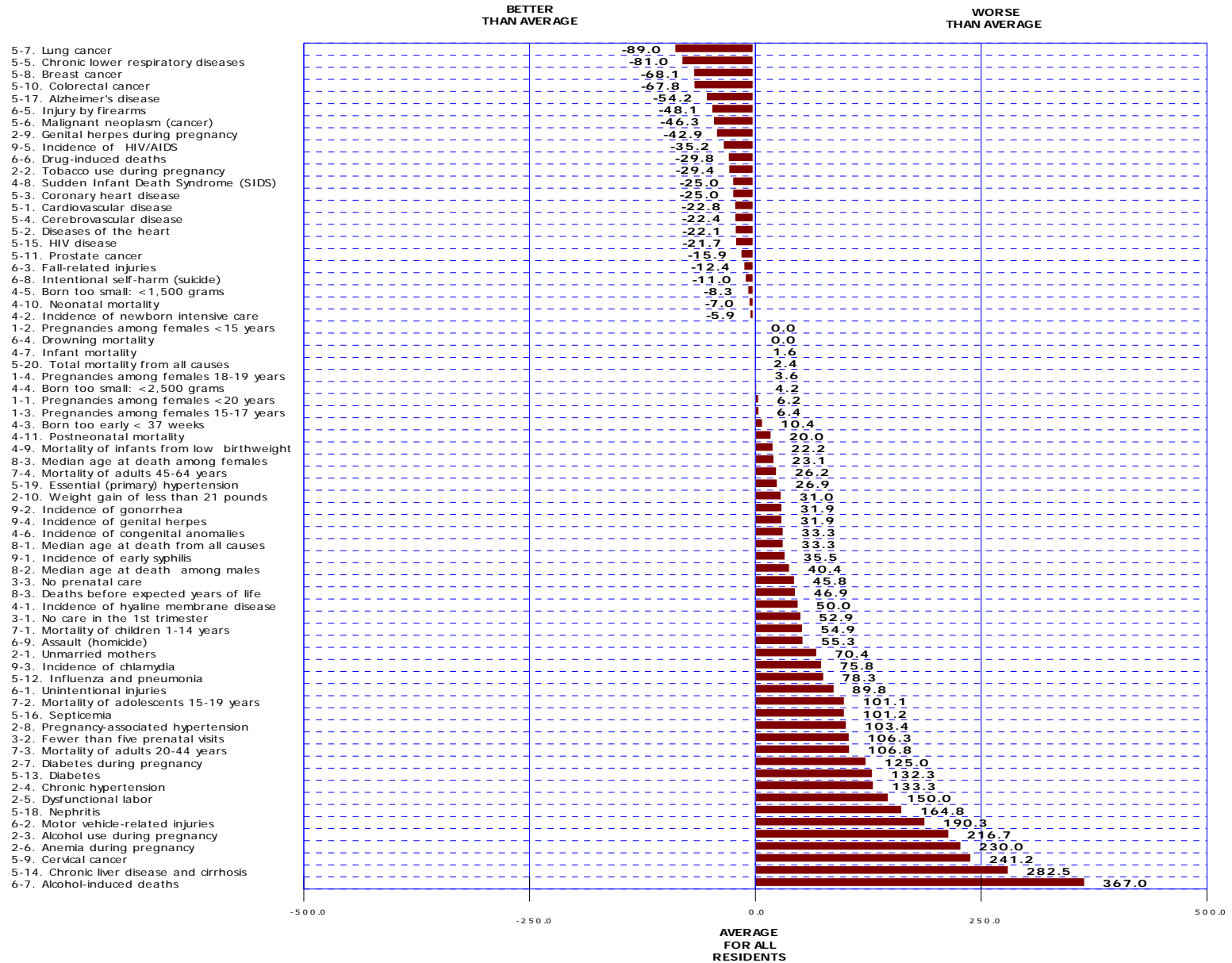
In 2006, American Indian residents of Arizona:

- **had the second highest average score among all groups and second lowest rank of overall health status;**
- **ranked worse than the statewide average on 45 of 70 health indicators;**
- **ranked poorly on measures of maternal lifestyle and health, as well as in utilization of prenatal care;**
- **on average were 21 years younger at time of death compared to White non-Hispanics; and**
- **ranked better than average on (1) mortality rates for several chronic diseases (lung cancer, Alzheimer's disease, colorectal cancer, chronic lower respiratory diseases and coronary heart disease), (2) tobacco use 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>.

2006 RISK PROFILE OF AMERICAN INDIANS

(Percent above or below the average rate or ratio of all Arizona residents in 2006)



AMERICAN INDIANS' STANDING IN ARIZONA IN 2006 ON 70 INDICATORS OF HEALTH STATUS

1. TEEN PREGNANCIES

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

Figure number	Indicator	2006 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2006	Definitions
1-1	Pregnancies among females 19 and younger	36.2	6.2	34.1	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	1.1	0.0	1.1	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	41.5	6.4	39.0	The sum of live births, fetal deaths, and abortions per 1,000 females aged 15-17 years
1-4	Pregnancies among females 18-19 years old	119.8	3.6	115.6	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	2006 ratio for American Indians	Percent above or below the average ratio for all groups	Average ratio for all groups in 2006	Definitions
2-1	Unmarried mothers	74.8	70.4	43.9	The number of births to unmarried mothers per 100 births
2-2	Tobacco use during pregnancy	3.6	-29.4	5.1	The number of mothers giving birth who self-reported tobacco use during pregnancy per 100 births
2-3	Alcohol use during pregnancy	1.9	216.7	0.6	The number of mothers giving birth who self-reported alcohol use during pregnancy per 100 births
2-4	Chronic hypertension	1.4	133.3	0.6	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	2.5	150.0	1.0	Failure to progress in a normal pattern of labor (the number of cases per 100 births).
2-6	Anemia during pregnancy	6.6	230.0	2.0	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	7.2	125.0	3.2	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	5.9	103.4	2.9	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	0.4	-42.9	0.7	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	33.4	31.0	25.5	The number of women giving birth who gained less than 21 pounds per 100 births.

3. UTILIZATION OF PRENATAL CARE SERVICES

(Per 100 live births)

Figure number	Indicator	2006 ratio for American Indians	Percent above or below the average ratio for all groups	Average ratio for all groups in 2006	Definition
3-1	No care in the 1 st trimester	34.1	52.9	22.3	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	13.2	106.3	6.4	The number of mothers giving birth who had fewer than five prenatal visits during pregnancy per 100 births.
3-3	No prenatal care	3.5	45.8	2.4	The number of mothers giving birth who received no prenatal care during pregnancy per 100 births.

4. NEWBORN'S HEALTH

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

Figure number	Indicator	2006 rate or ratio for American Indians	Percent above or below the average rate or ratio for all groups	Average rate or ratio for all groups in 2006	Definition
4-1	Incidence of hyaline membrane disease	0.3	50.0	0.2	The number of cases of hyaline membrane disease per 100 births. Hyaline membrane disease = a disorder primarily of prematurity, manifested clinically by respiratory distress and pathologically by pulmonary hyaline membranes and incomplete expansion of the lungs at birth.
4-2	Incidence of newborn intensive care	4.8	-5.9	5.1	The number of babies admitted to Newborn Intensive Care units per 100 births
4-3	Born too early (preterm or < 37 weeks)	11.7	10.4	10.6	The number of births before 37 weeks of gestation per 100 births. Preterm = 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)	7.4	4.2	7.1	The number of newborns weighing less than 2,500 grams per 100 births. Low-birthweight = any neonate weighing less than 2,500 grams at birth (less than 5 pounds 8 ounces).
4-5	Born too small: very low-birthweight (<1,500 grams)	1.1	-8.3	1.2	The number of newborns weighing less than 1,500 grams per 100 births. Very low-birthweight = 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)	1.2	33.3	0.9	The numbers of babies born with birth defects per 100 births.
4-7	Infant mortality	6.4	1.6	6.3	The number of infant deaths per 1,000 live births. 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).
4-8	Sudden Infant Death Syndrome (SIDS)	0.3	-25.0	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	1.1	22.2	0.9	The number of infant deaths from low- birthweight/short gestation (ICD-10 code P07) per 1,000 live births
4-10	Neonatal mortality	4.0	-7.0	4.3	The number of neonatal deaths per 1,000 live births. 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).
4-11	Postneonatal mortality	2.4	20.0	2.0	The number of postneonatal 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.

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	2006 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2006	Definition
5-1	Cardiovascular disease	167.0	-22.8	216.4	The number of deaths from cardiovascular diseases (ICD-10 codes I00-I78) per 100,000 age-adjusted population.
5-2	Diseases of the heart	129.4	-22.1	166.1	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	97.6	-25.0	130.2	The number of deaths from coronary heart disease (ICD-10 codes I200-I259) per 100,000 age-adjusted population.
5-4	Cerebrovascular disease	27.0	-22.4	34.8	The number of deaths from cerebrovascular disease (ICD-10 codes I60-I69) per 100,000 age-adjusted population.
5-5	Chronic lower respiratory diseases	8.4	-81.0	44.3	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)	83.1	-46.3	154.7	The number of deaths from cancer (ICD-10 codes C00-C97) per 100,000 age-adjusted population.
5-7	Lung cancer	4.7	-89.0	42.7	The number of deaths from lung cancer (ICD-10 codes C33-C34) per 100,000 age-adjusted population.
5-8	Breast cancer	6.9	-68.1	21.6	The number of deaths from breast cancer (ICD-10 code C50) per 100,000 age-adjusted female population.
5-9	Cervical cancer	5.8	241.2	1.7	The number of deaths from cervical cancer (ICD-10 code C53) per 100,000 age-adjusted female population.
5-10	Colorectal cancer	4.7	-67.8	14.6	The number of deaths from colorectal cancer (ICD-10 codes C18-C21) per 100,000 age-adjusted population.
5-11	Prostate cancer	16.9	-15.9	20.1	The number of deaths from prostate cancer (ICD-10 code C61) per 100,000 age-adjusted male population.
5-12	Influenza and pneumonia	32.8	78.3	18.4	The number of deaths from influenza and pneumonia (ICD-10 codes J10-J18) per 100,000 age-adjusted population.
5-13	Diabetes	43.9	132.3	18.9	The number of deaths from diabetes (ICD-10 codes E10-E14) per 100,000 age-adjusted population.
5-14	Chronic liver disease and cirrhosis	43.6	282.5	11.4	The number of deaths from chronic liver disease and cirrhosis (ICD-10 codes K70, K73-K74) per 100,000 age-adjusted population.
5-15	HIV disease	1.8	-21.7	2.3	The number of deaths from HIV disease (ICD-10 codes B20-B24) per 100,000 age-adjusted population.
5-16	Septicemia	17.3	101.2	8.6	The number of deaths from septicemia (ICD-10 codes A40-A41) per 100,000 age-adjusted population.
5-17	Alzheimer's disease	15.3	-54.2	33.4	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)	23.3	164.8	8.8	The number of deaths from nephritis, nephrotic syndrome and nephrosis (ICD-10 codes N00-N07, N17-N19, N25-N27) per 100,000 age-adjusted population.
5-19	Essential (primary) hypertension	8.5	26.9	6.7	The number of deaths from essential (primary) hypertension (ICD-10 codes I10, I12) per 100,000 age-adjusted population.
5-20	Total mortality from all causes	744.5	2.4	727.3	Total number of deaths from all causes per 100,000 age-adjusted population.

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 poisoning by drugs, but also disorders due to use of alcohol.)

Figure number	Indicator	2006 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2006	Definition
6-1	Unintentional injuries	97.2	89.8	51.2	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	56.9	190.3	19.6	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	9.9	-12.4	11.3	The number of deaths from fall-related injuries (ICD-10 codes W00-W19) per 100,000 age-adjusted population.
6-4	Drowning mortality	1.5	0.0	1.5	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	8.0	-48.1	15.4	The number of deaths by firearms (ICD-10 codes W32-W34, X72-X74, X93-X95, Y22-Y24, Y35.0) per 100,000 age-adjusted population. Causes of death attributable to firearm mortality include accidental discharge of firearms, intentional self-harm (suicide) by discharge of firearms, assault (homicide) by discharge of firearms, discharge of firearms, undetermined intent; and legal intervention involving firearm discharge. Deaths from injury by firearms exclude deaths due to explosives and other causes indirectly related to firearms.
6-6	Drug-induced deaths	10.6	-29.8	15.1	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	48.1	367.0	10.3	The number of alcohol-induced deaths (ICD-10 codes F10, G31.2, G62.1, I42.6, K29.2, K70, R78.0, X45, X65, Y15) per 100,000 age-adjusted population. Causes of death attributable to alcohol-induced mortality include mental and behavioral disorders due to alcohol use, degeneration of nervous system due to alcohol, alcoholic polyneuropathy, alcoholic cardiomyopathy, alcoholic gastritis, alcoholic liver disease, finding of alcohol in blood, accidental poisoning by and exposure to alcohol, intentional self-poisoning by and exposure to alcohol; and poisoning by and exposure to alcohol, undetermined intent. Alcohol-induced causes exclude accidents, homicides, and other causes indirectly related to alcohol use.
6.8	Intentional self-harm (suicide)	13.7	-11.0	15.4	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)	13.2	55.3	8.5	The number of homicides (ICD-10 codes X85-X09, Y87.1) per 100,000 age-adjusted population.

7. AGE-SPECIFIC MORTALITY

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

Figure number	Indicators	2006 rate for American Indians	Percent above or below the average rate for all groups	Average value for all groups in 2006	Definition
7-1	Mortality of children 1-14 years old	33.3	54.9	21.5	The number of deaths per 100,000 children 1-14 years old in 2006
7-2	Mortality of adolescents 15-19 years old	188.6	101.1	93.8	The number of deaths per 100,000 adolescents 15-19 years old in 2006
7-3	Mortality of young adults 20-44 years old	305.1	106.8	147.5	The number of deaths per 100,000 young adults 20-44 years old in 2006
7-4	Mortality of middle-aged adults 45-64 years old	775.4	26.2	614.6	The number of deaths per 100,000 middle-aged adults 45-64 years old in 2006

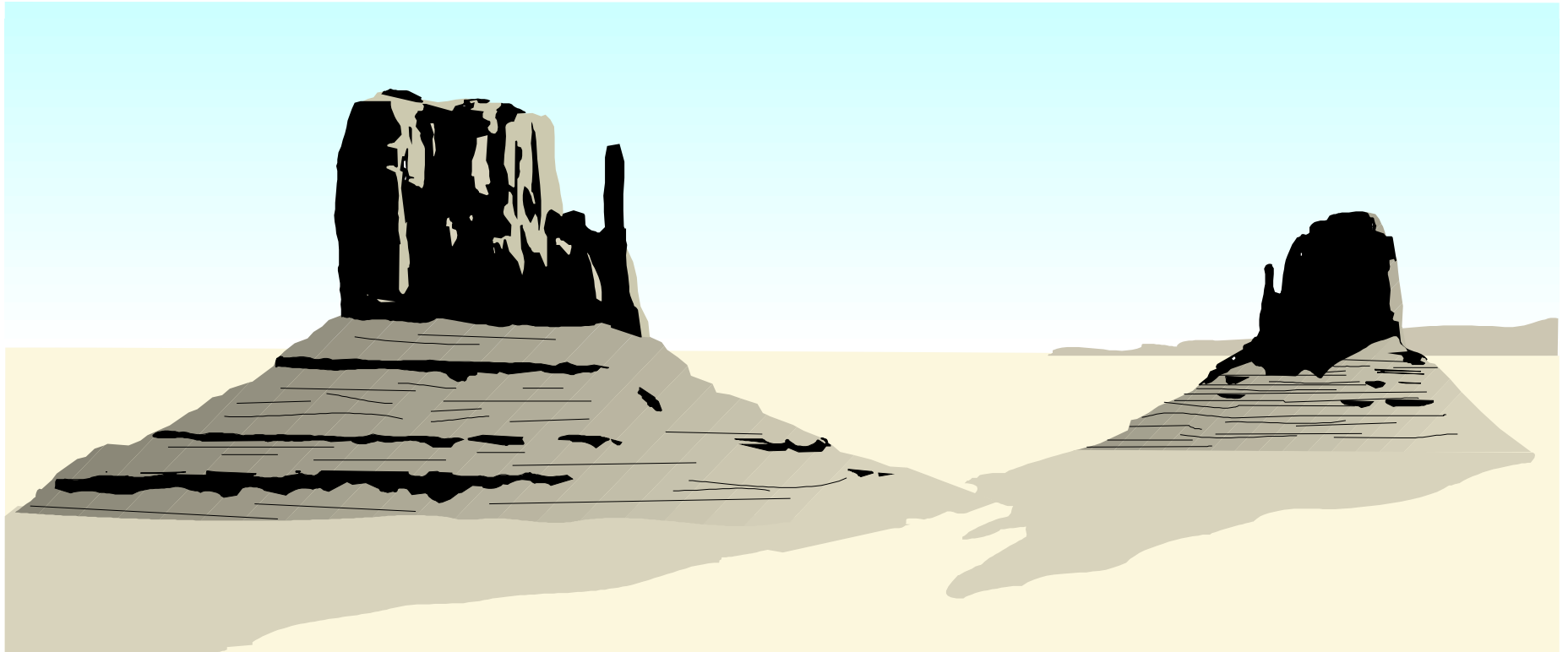
8. PREMATURE MORTALITY

Figure number	Indicators	2006 value for American Indians	Percent above or below the average value for all groups	Average value for all groups in 2006	Definitions
8-1	Median age at death from all causes	57.0	33.3	76.0	The median age (the age in the middle) of Arizonans who died in 2006
8-2	Median age at death from all causes among males	52.0	40.4	73.0	The median age (the age in the middle) of Arizona males who died in 2006
8-3	Median age at death from all causes among females	65.0	23.1	80.0	The median age (the age in the middle) of Arizona females who died in 2006
8-4	Percent of total deaths before expected years of life reached	77.4	46.9	52.7	The number of deaths before reaching 77.9 years (the life expectancy of all U.S. residents in 2004) per 100 deaths

9. REPORTABLE DISEASES

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

Figure number	Indicators	2006 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2006	Definitions
9-1	Incidence of early syphilis	8.4	35.5	6.2	Number of reported cases of early syphilis per 100,000 population
9-2	Incidence of gonorrhea	125.7	31.9	95.3	Number of reported cases of gonorrhea per 100,000 population
9-3	Incidence of chlamydia	678.8	75.8	386.1	Number of reported cases of chlamydia per 100,000 population
9-4	Incidence of genital herpes	36.8	31.9	27.9	Number of reported cases of genital herpes per 100,000 population
9-5	Incidence of HIV/AIDS	8.1	-35.2	12.5	Number of reported cases of HIV/AIDS per 100,000 population

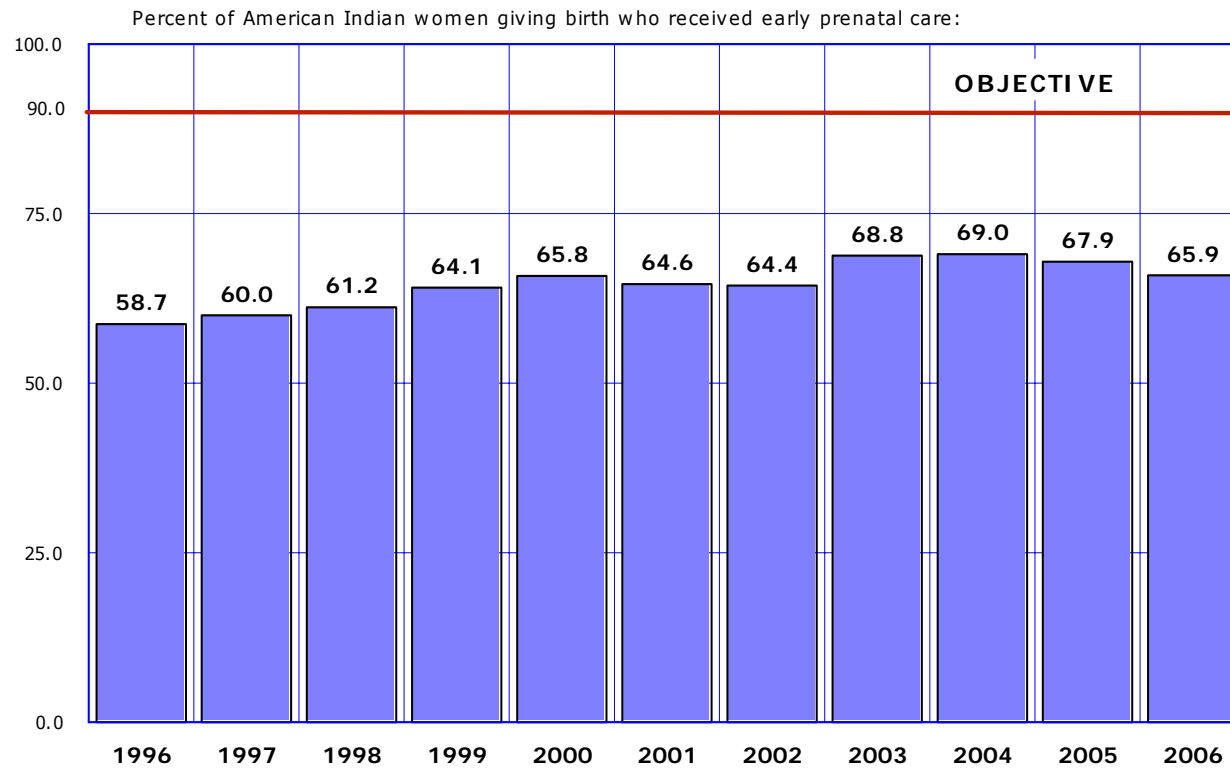


II.

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

2.1 Early Prenatal Care

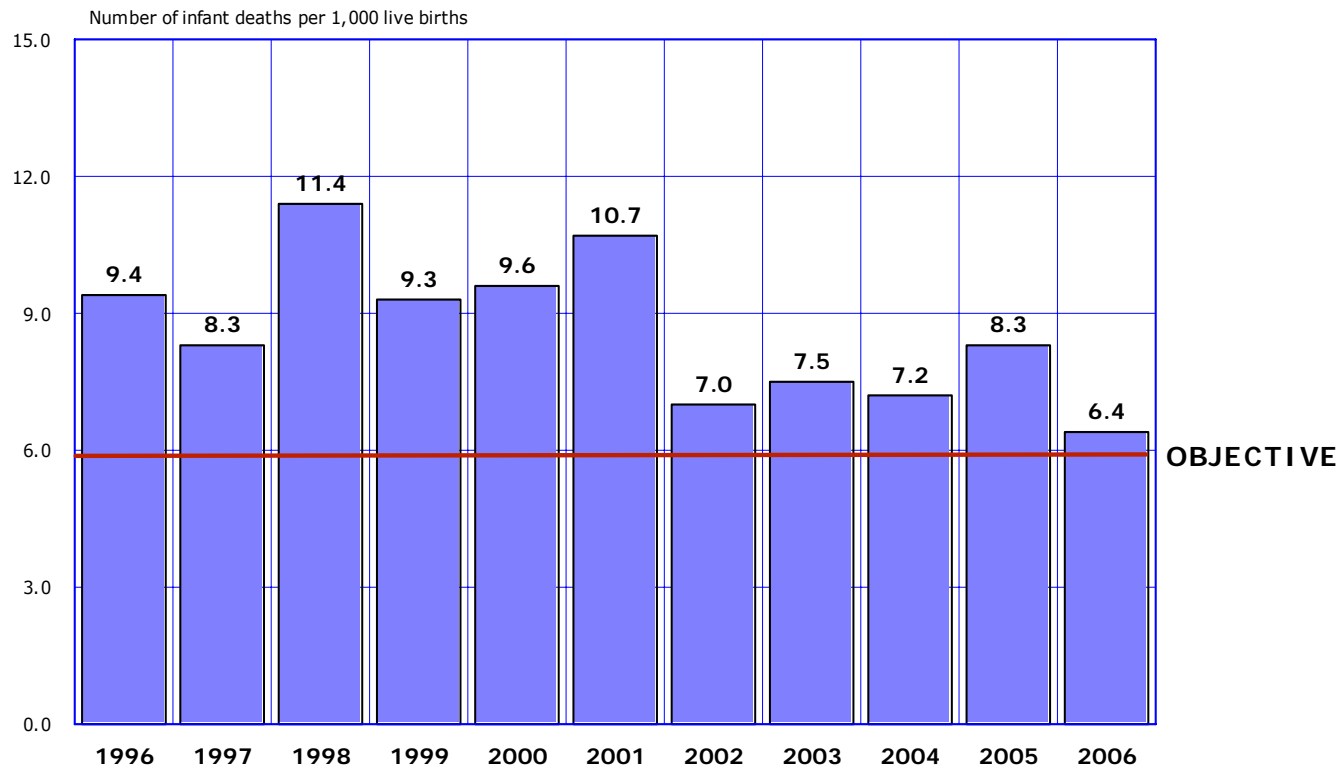
NATIONAL YEAR 2010 OBJECTIVE (HP16-10a*): INCREASE TO 90 PERCENT THE PROPORTION OF WOMEN GIVING BIRTH WHO RECEIVE PRENATAL CARE IN THE FIRST TRIMESTER OF PREGNANCY



Source: Table 1B-2 and Table 1B-12 in *Arizona Health Status and Vital Statistics 2006*.

2.2 Infant Mortality

**NATIONAL YEAR 2010 OBJECTIVE (HP16-1c): REDUCE THE RATE OF INFANT DEATHS TO
NO MORE THAN 6 PER 1,000 LIVE BIRTHS**

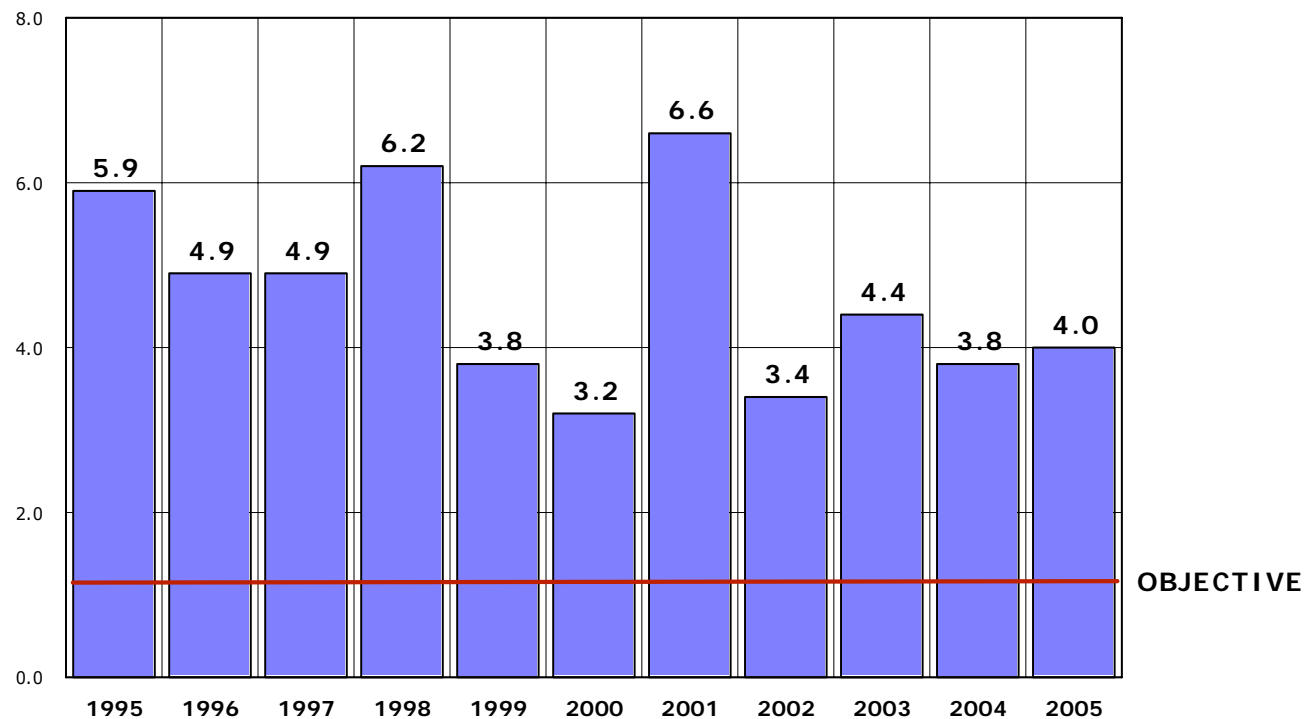


Source: Table 2C-2 in *Arizona Health Status and Vital Statistics 2006*. Infant deaths are by the race/ethnicity of the decedent.
For consistency with the national data, the denominators used to calculate infant mortality rates are by race/ethnicity of mother.

2.3 Postneonatal Mortality

NATIONAL YEAR 2010 OBJECTIVE (HP16-1e): REDUCE POSTNEONATAL MORTALITY TO NO MORE THAN 1.2 PER 1,000 LIVE BIRTHS

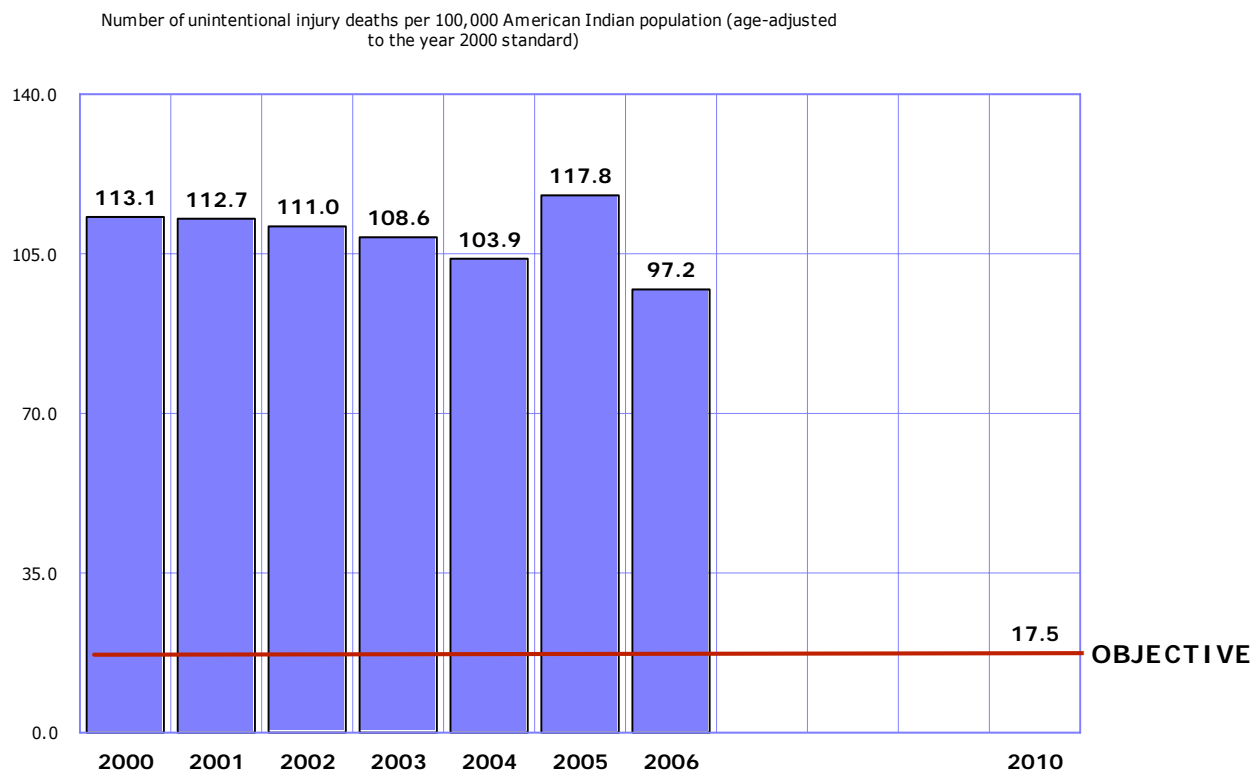
Number of postneonatal (i.e., at least 28 days of age but less than one year of age) deaths per 1,000 live births



Source: Table 2C-3 or Table 2C-4 in *Arizona Health Status and Vital Statistics 2006*. Postneonatal deaths are by the race/ethnicity of the decedent. For consistency with the national data, the denominators used to calculate postneonatal mortality rates are by race/ethnicity of mother.

2.4 Unintentional Injury Deaths

NATIONAL YEAR 2010 OBJECTIVE (HP15-13): REDUCE DEATHS CAUSED BY UNINTENTIONAL INJURIES TO NO MORE THAN 17.5 PER 100,000 AGE-ADJUSTED POPULATION

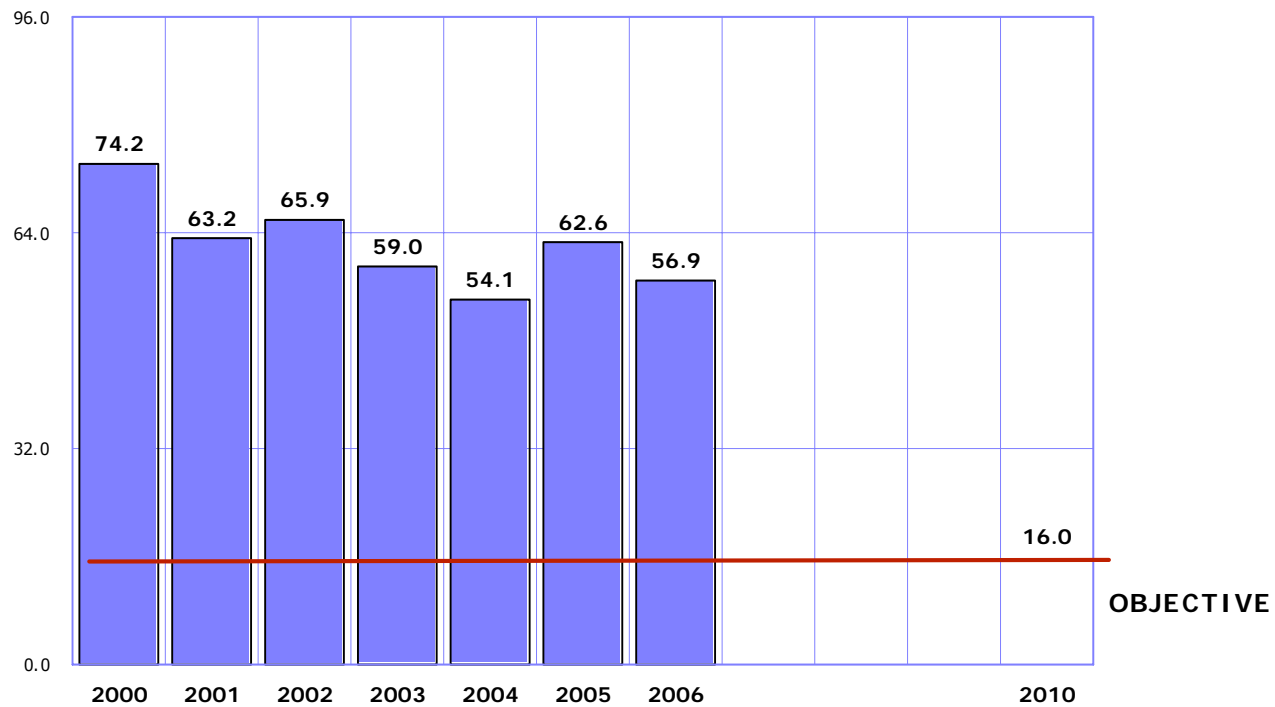


Source: Table 2B-3 in *Arizona Health Status and Vital Statistics 2006*.

2.5 Motor Vehicle Crash Deaths

NATIONAL YEAR 2010 OBJECTIVE (HP15-15): REDUCE DEATHS CAUSED BY MOTOR VEHICLE CRASHES TO NO MORE THAN 16 PER 100,000 AGE-ADJUSTED POPULATION

Number of deaths caused by motor vehicle crashes per 100,000 American Indian population
(age-adjusted to the year 2000 standard)

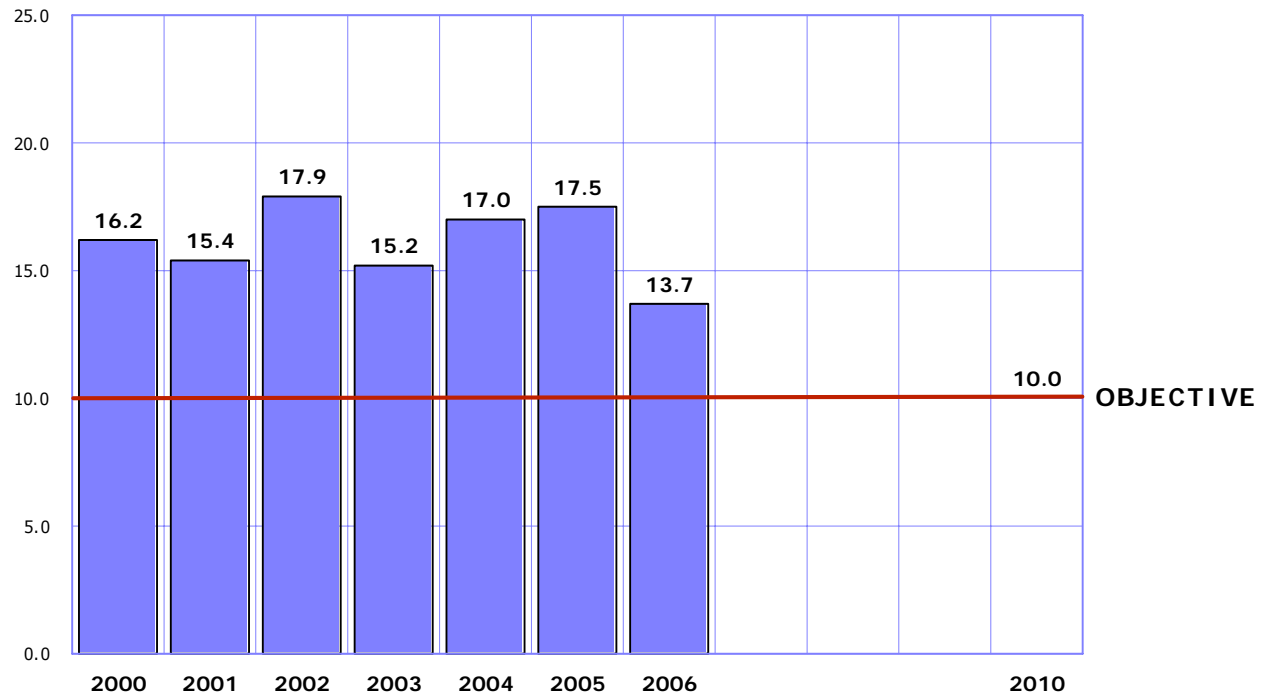


Source: Table 2B-3 in *Arizona Health Status and Vital Statistics 2006*.

2.6 Intentional Self-Harm (Suicide)

**NATIONAL YEAR 2010 OBJECTIVE (HP18-1): REDUCE THE SUICIDE RATE TO
NO MORE THAN 10 PER 100,000 AGE-ADJUSTED POPULATION**

Number of suicides per 100,000 American Indian population
(age-adjusted to the year 2000 standard)

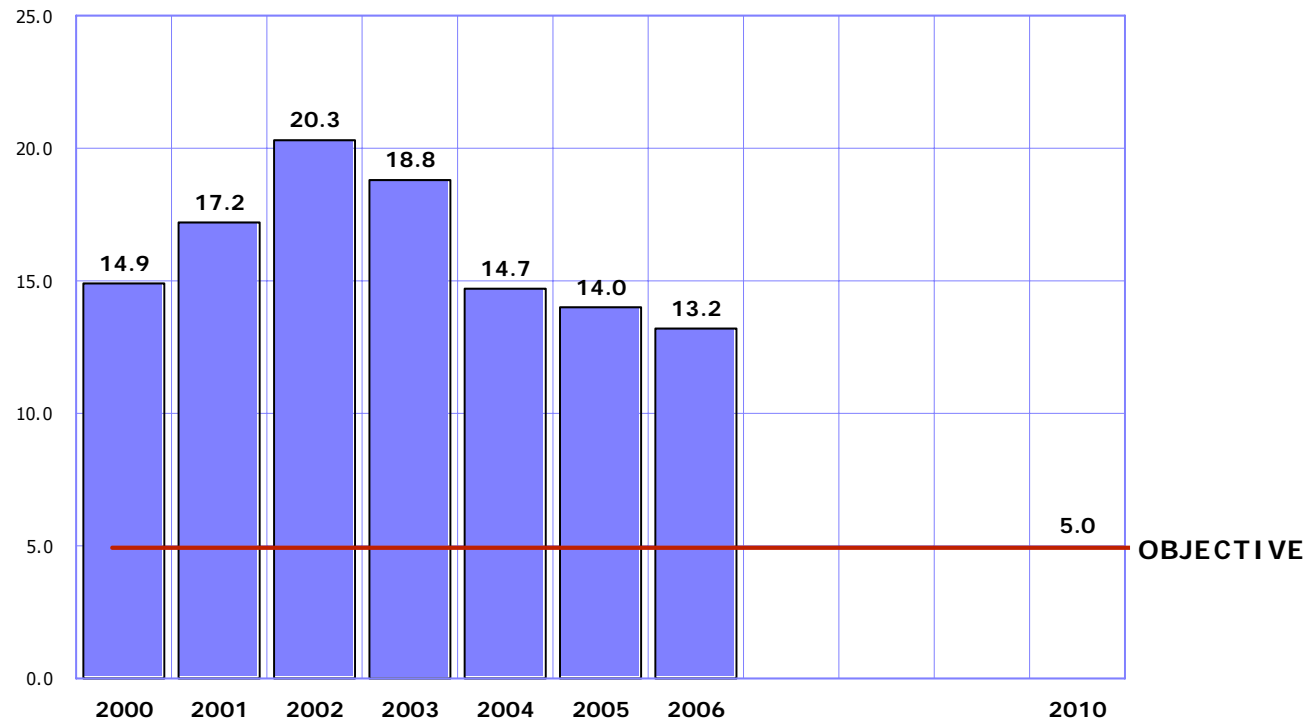


Source: Table 2B-3 in *Arizona Health Status and Vital Statistics 2006*.

2.7 Assault (Homicide)

**NATIONAL YEAR 2010 OBJECTIVE (HP15-32): REDUCE THE HOMICIDE RATE TO
NO MORE THAN 5 PER 100,000 AGE-ADJUSTED POPULATION**

Number of homicides per 100,000 American Indian population (age-adjusted to the year 2000 standard)

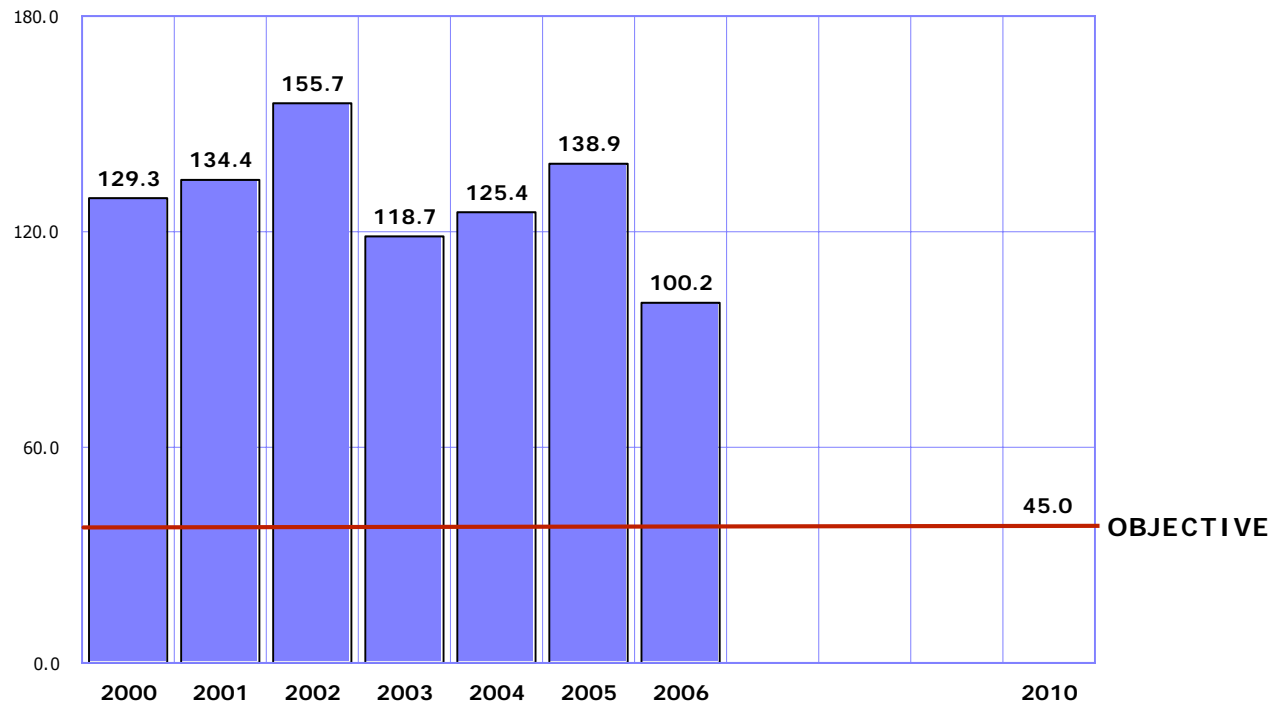


Source: Table 2B-3 in *Arizona Health Status and Vital Statistics 2006*.

2.8 Diabetes-related Deaths

NATIONAL YEAR 2010 OBJECTIVE (HP5-5): REDUCE THE DIABETES-RELATED DEATH RATE TO NO MORE THAN 45 PER 100,000 AGE-ADJUSTED POPULATION

Number of deaths due to diabetes reported as the underlying or multiple cause of death per 100,000 American Indian population (age-adjusted to the year 2000 standard)

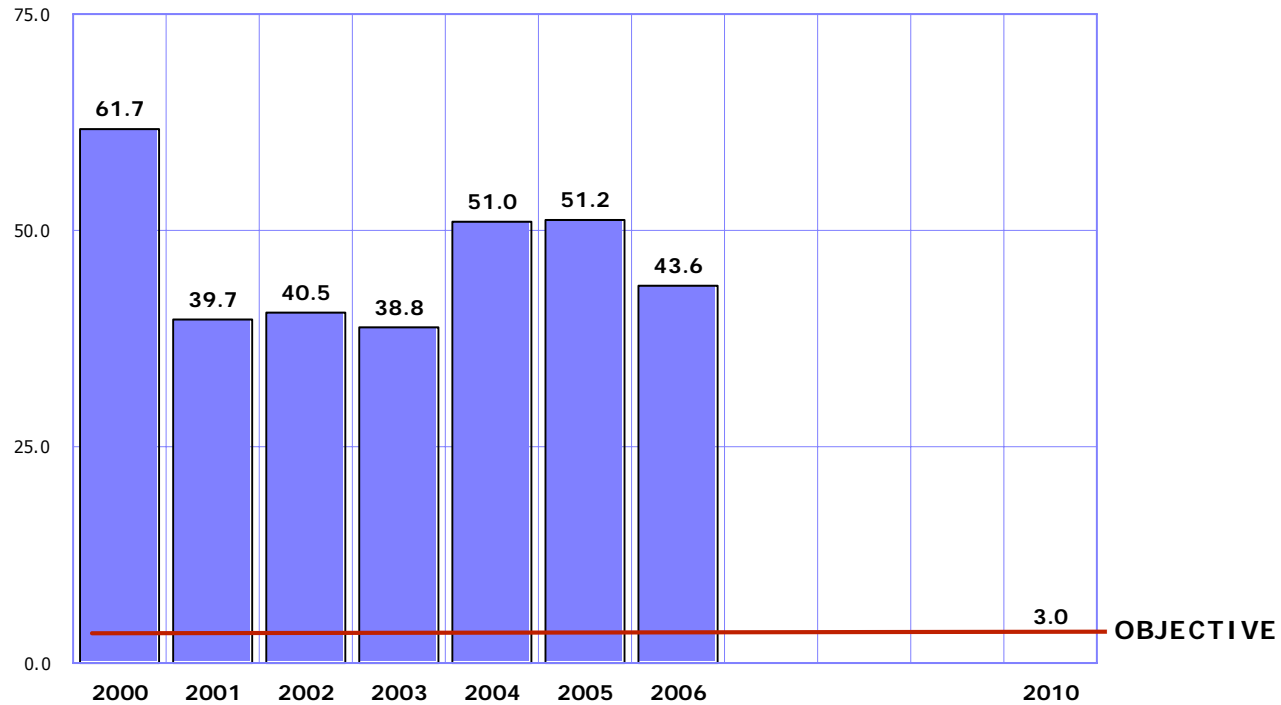


Note: The age-adjusted rate for diabetes as the underlying cause of death among American Indians was 43.9/100,000 in 2006. The rate of 100.2/100,000 in Figure 2.8 accounts for all mentions of diabetes on the death certificates, whether or not it was the underlying cause of death.

2.9 Cirrhosis Deaths

**NATIONAL YEAR 2010 OBJECTIVE (HP26-2): REDUCE THE CIRRHOSIS* DEATH RATE TO
NO MORE THAN 3 PER 100,000 AGE-ADJUSTED POPULATION**

Number of deaths due to chronic liver disease and cirrhosis reported as the underlying cause
of death per 100,000 American Indian population (age-adjusted to the year 2000 standard)



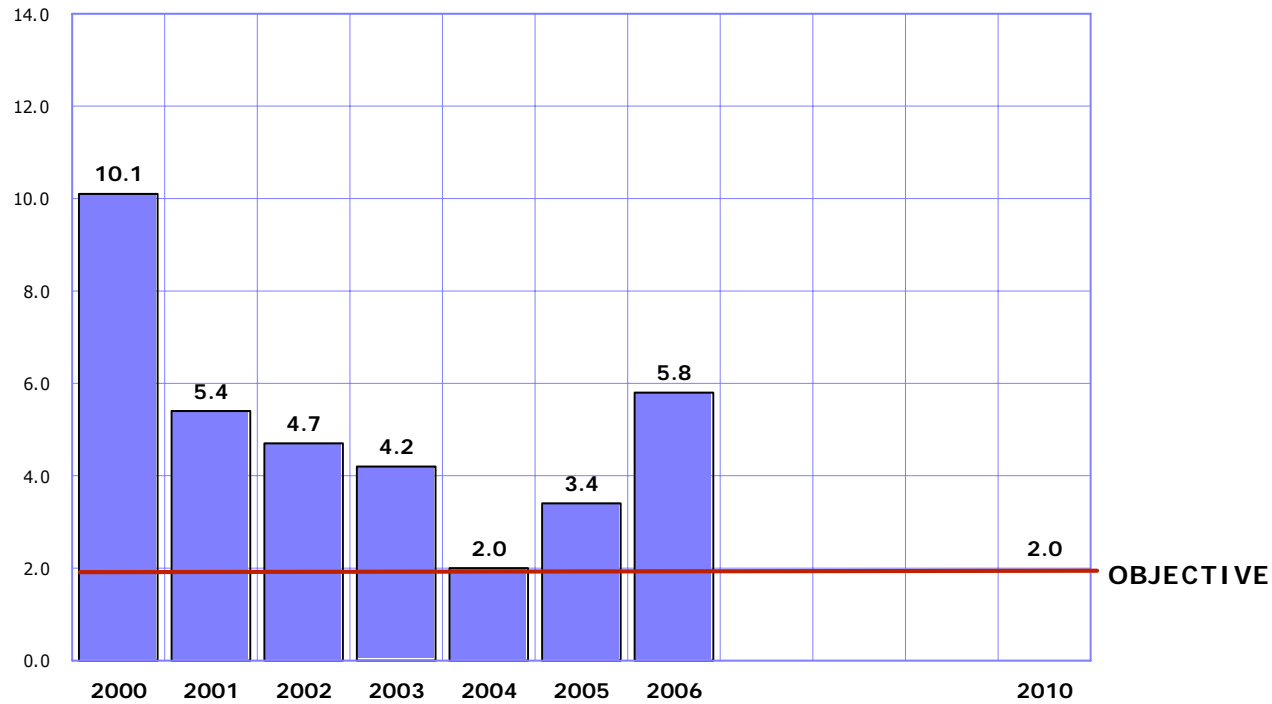
*Chronic liver disease and cirrhosis (ICD-10 codes K70, K73-K74).

Source: Table 2B-3 in *Arizona Health Status and Vital Statistics 2006*.

2.10 Cervical Cancer Deaths

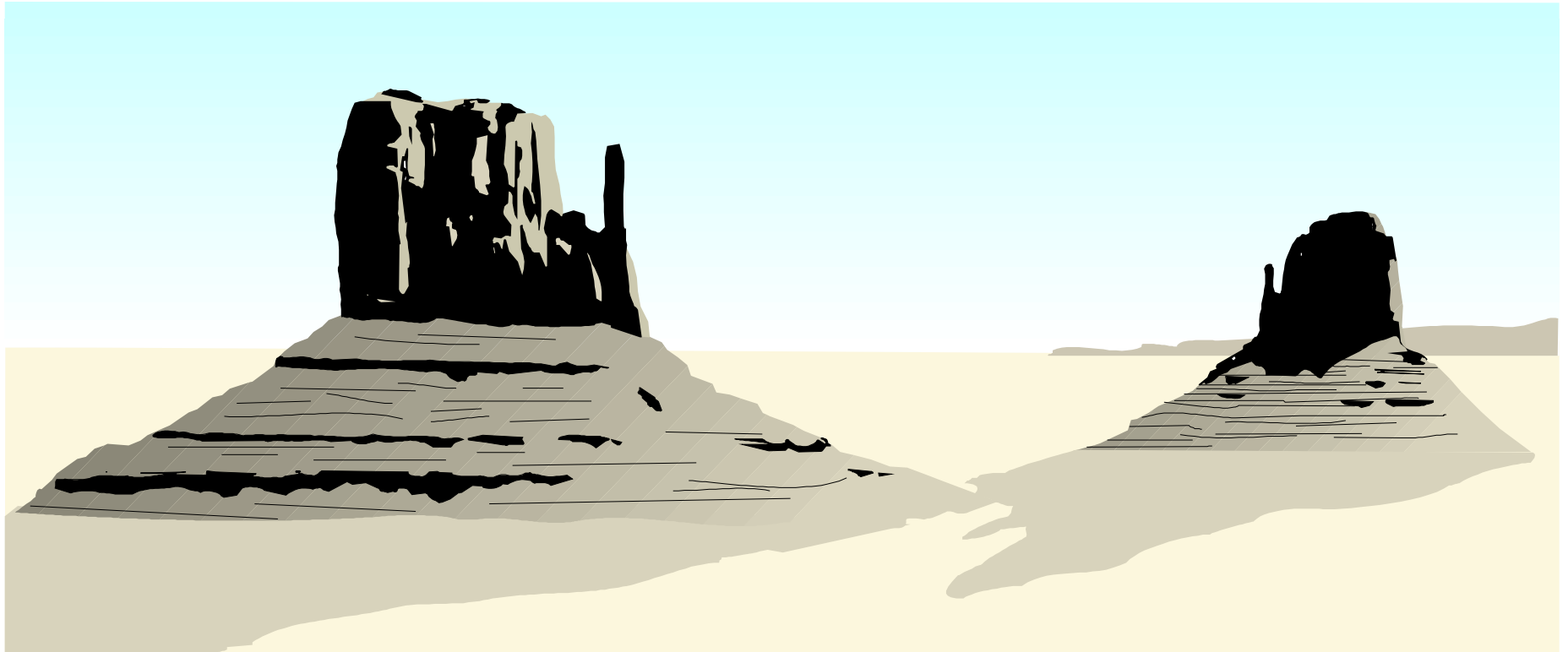
NATIONAL YEAR 2010 OBJECTIVE (HP3-4): REDUCE THE CERVICAL CANCER DEATH RATE TO NO MORE THAN 2 PER 100,000 AGE-ADJUSTED FEMALE POPULATION

Number of deaths due to cancer of the uterine cervix reported as the underlying cause of death per 100,000 American Indian female population (age-adjusted to the year 2000 standard)



*Note: These rates based on fewer than 10 deaths/year are not statistically reliable.

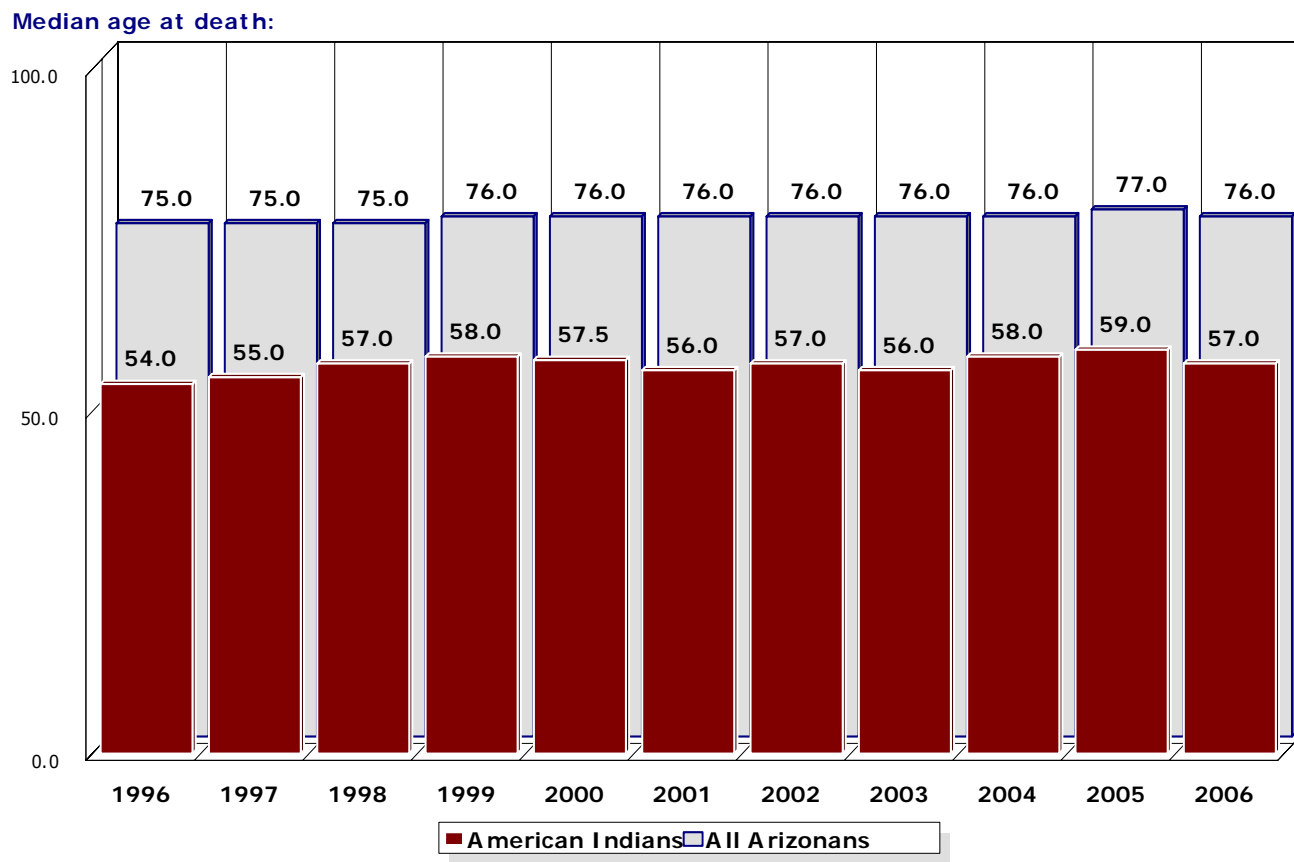
Source: Table 2B-4 in *Arizona Health Status and Vital Statistics 2006*.



III.

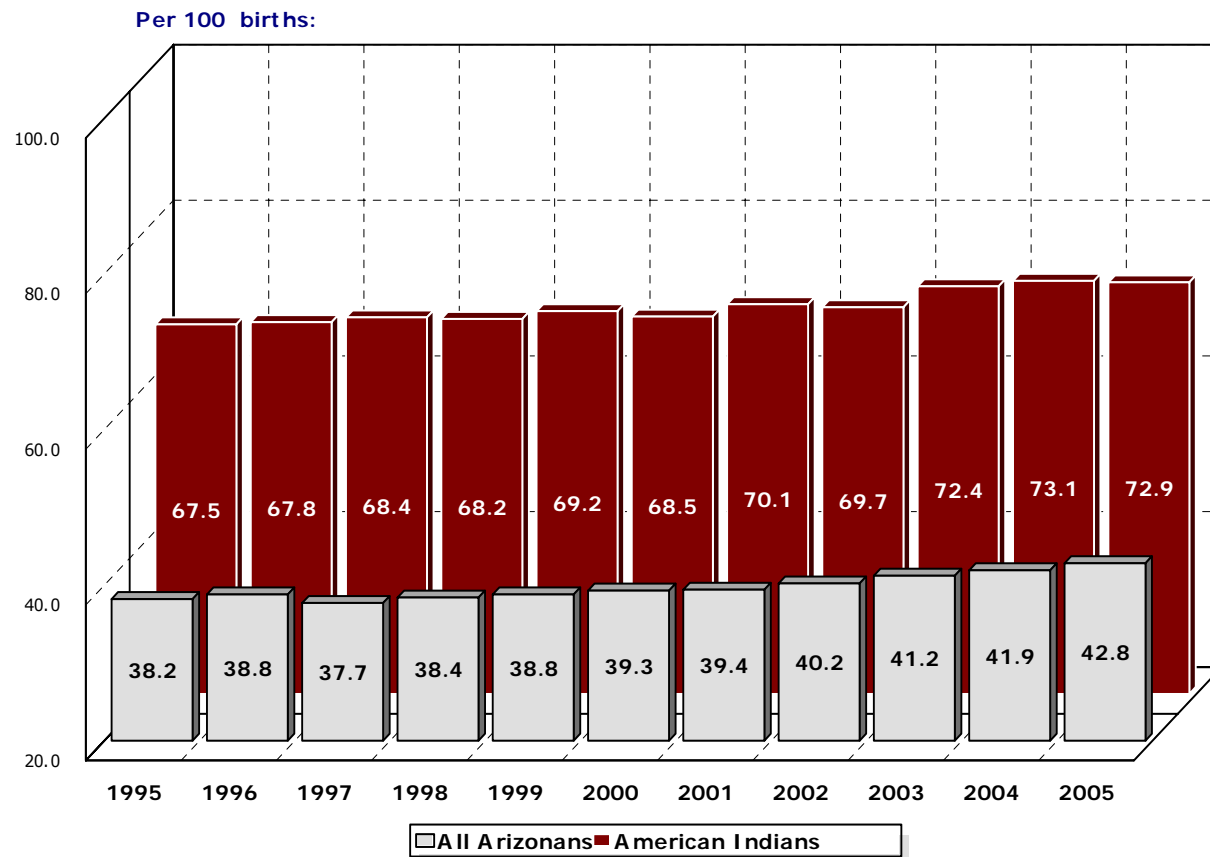
TRENDS IN SELECTED HEALTH PROBLEMS AND HEALTH RISKS AMONG AMERICAN INDIANS IN ARIZONA

3.1
Median Age at Death from All Causes,
1996-2006



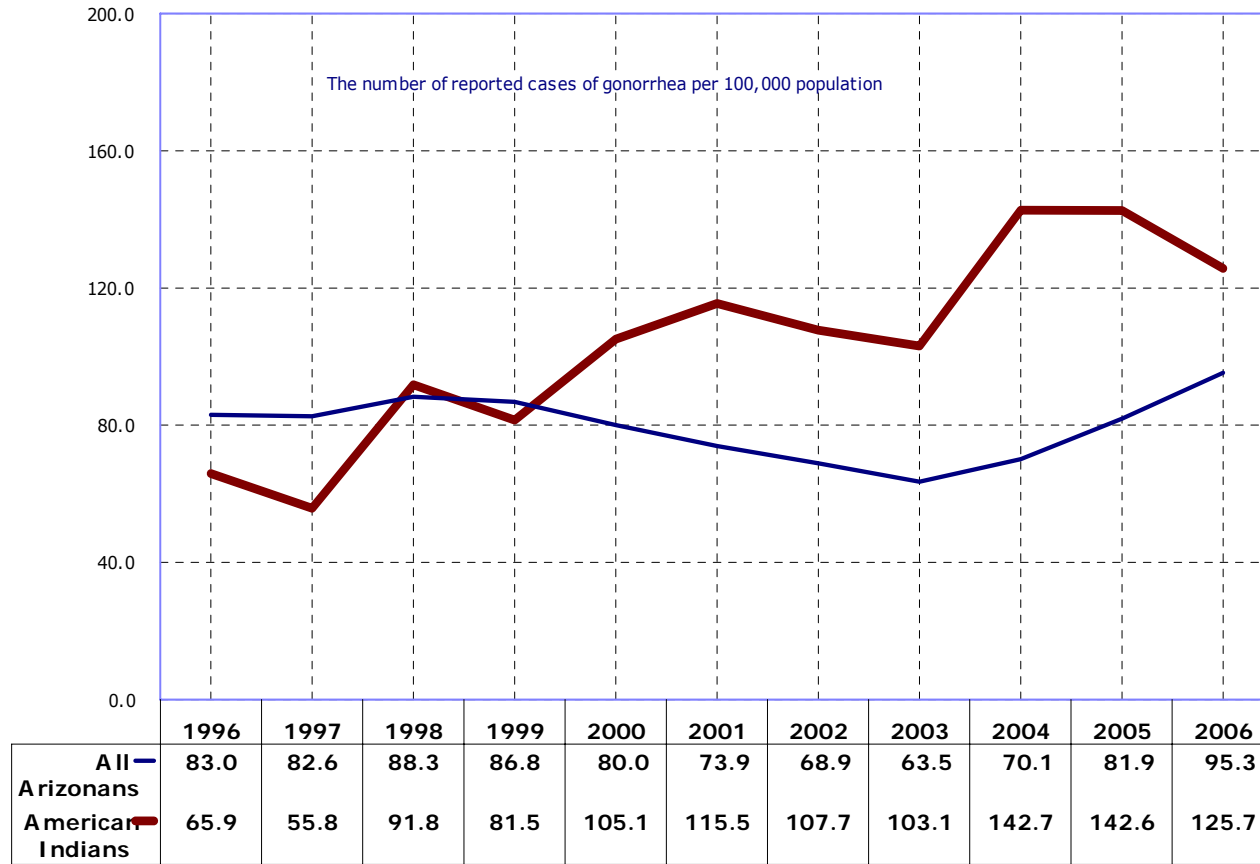
Source: Table 2D-1 in *Arizona Health Status and Vital Statistics 2006*.

3.2 Births to Unmarried Mothers, 1996-2006



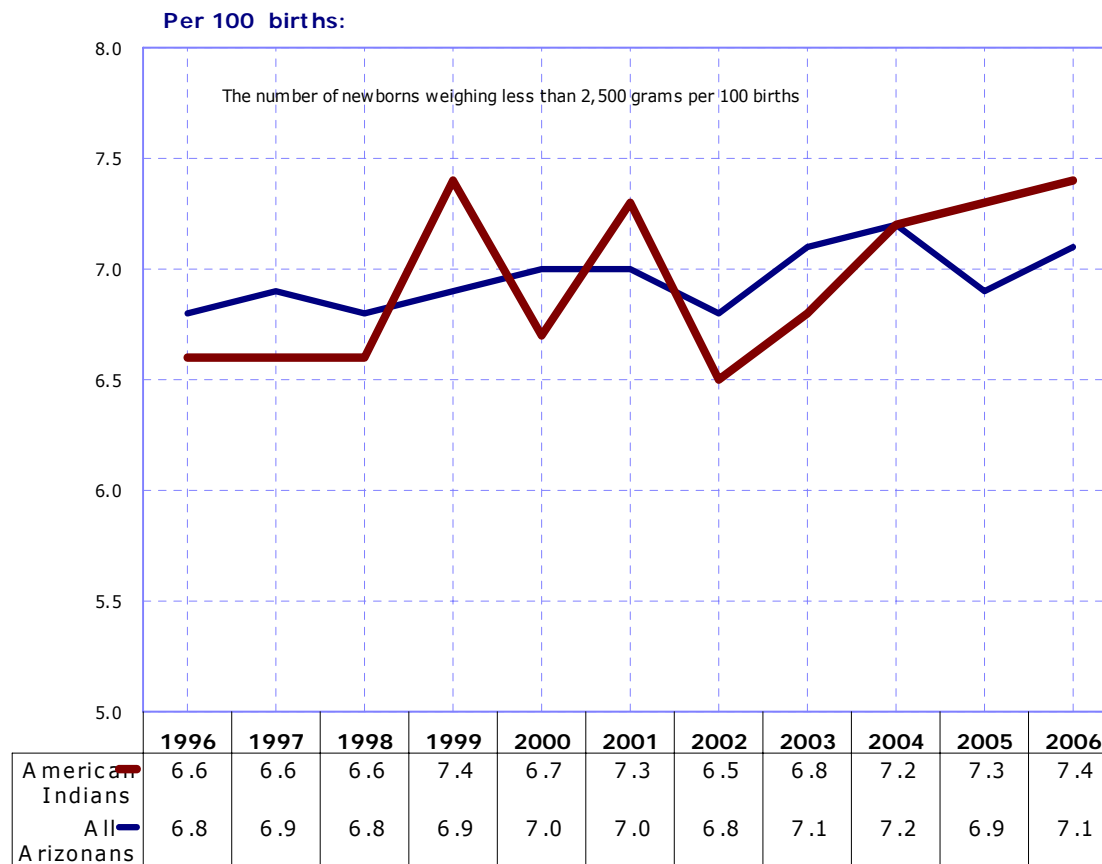
Source: Table 1B-2 and Table 1B-13 in *Arizona Health Status and Vital Statistics 2006*.

3.3 The Incidence of Gonorrhea, 1996-2006



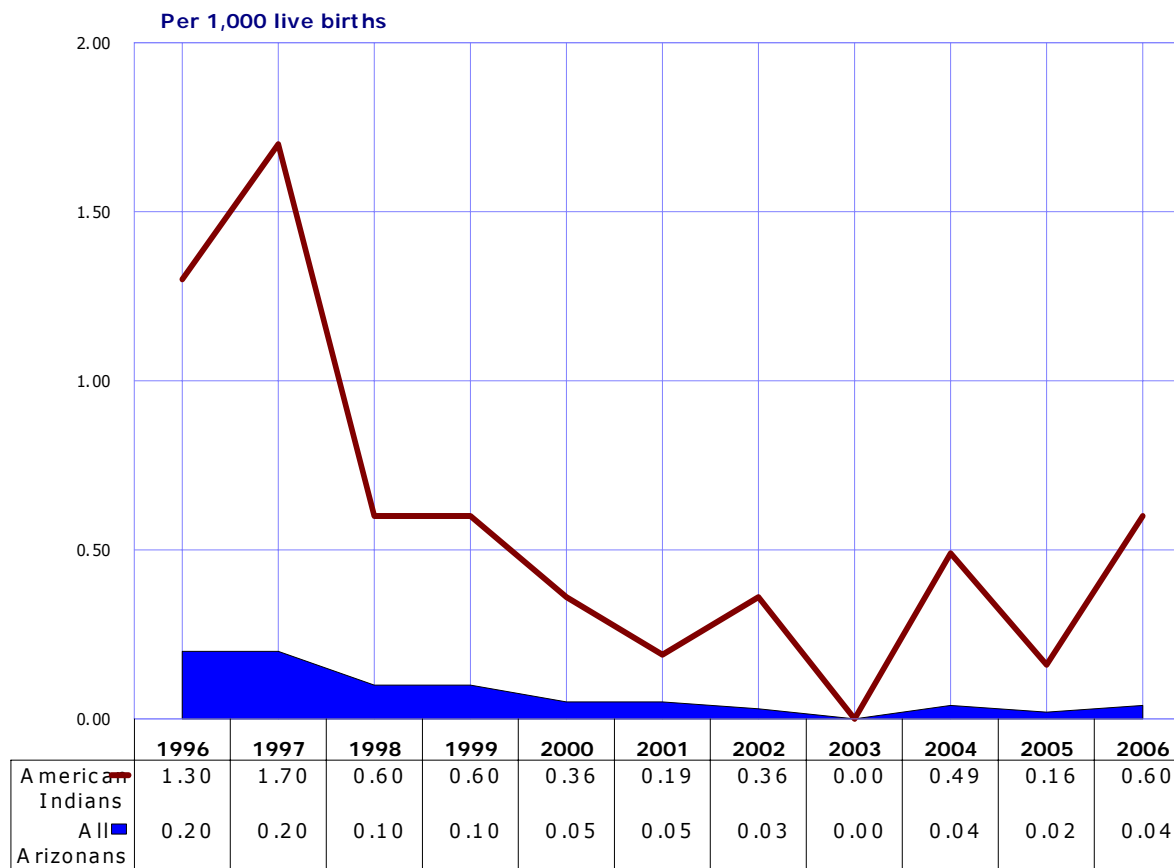
Source: Table 3B-5 in *Arizona Health Status and Vital Statistics 2006*.
 The rates were provided by the STD Program in the Bureau of Epidemiology and Disease Control, ADHS.
 Beginning in 2005, the rates are based on all positive laboratory results with or without communicable disease report.

3.4
The Incidence of Low-Birthweight Births, 1996-2006



Source: Table 1B-2 and Table 1B-12 in *Arizona Health Status and Vital Statistics 2006*.

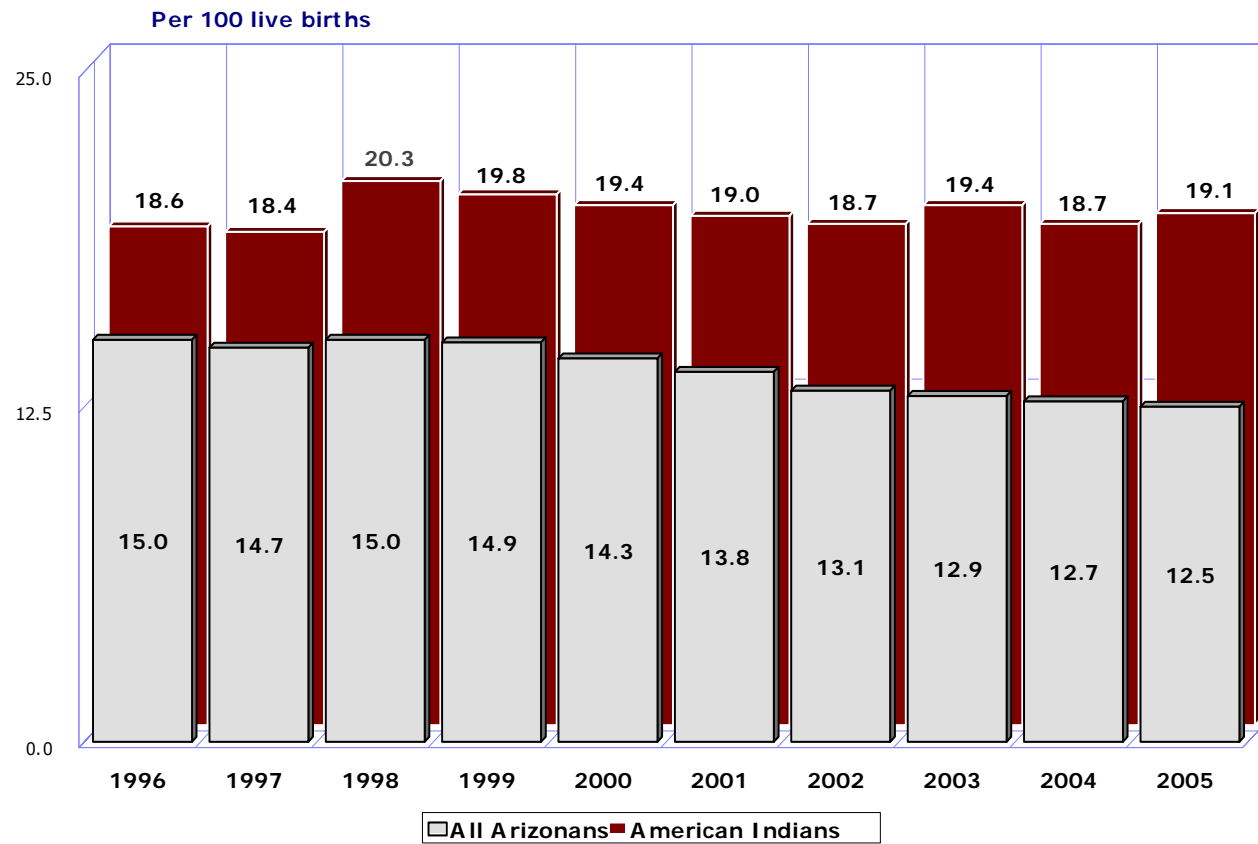
3.5 The Incidence of Fetal Alcohol Syndrome, 1996-2006



Source: Table 1B-26 in *Arizona Health Status and Vital Statistics 2006*.

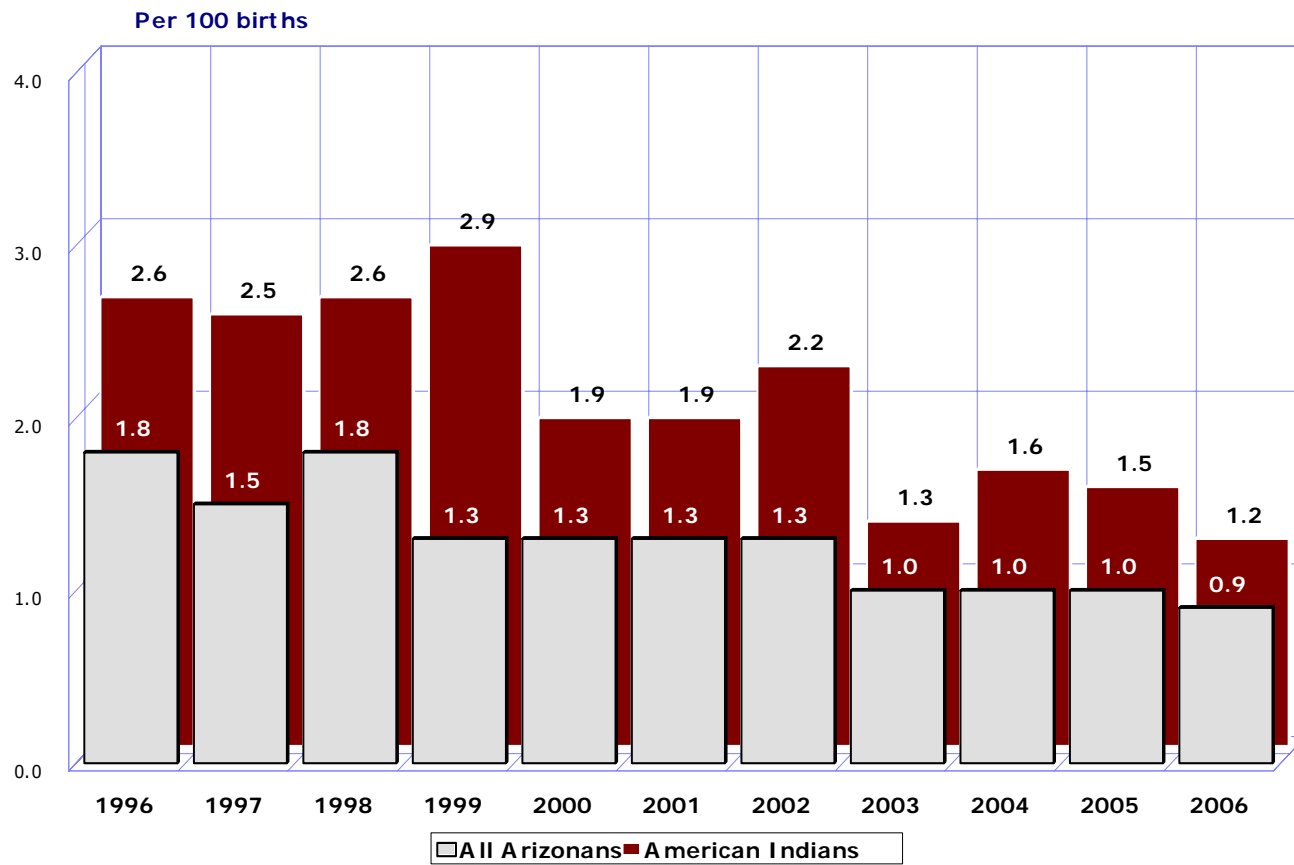
Note: the incidence rates of Fetal Alcohol Syndrome are based on fewer than 10 cases/year and are not statistically reliable.

3.6
Births to Teenage Mothers,* 1996-2006



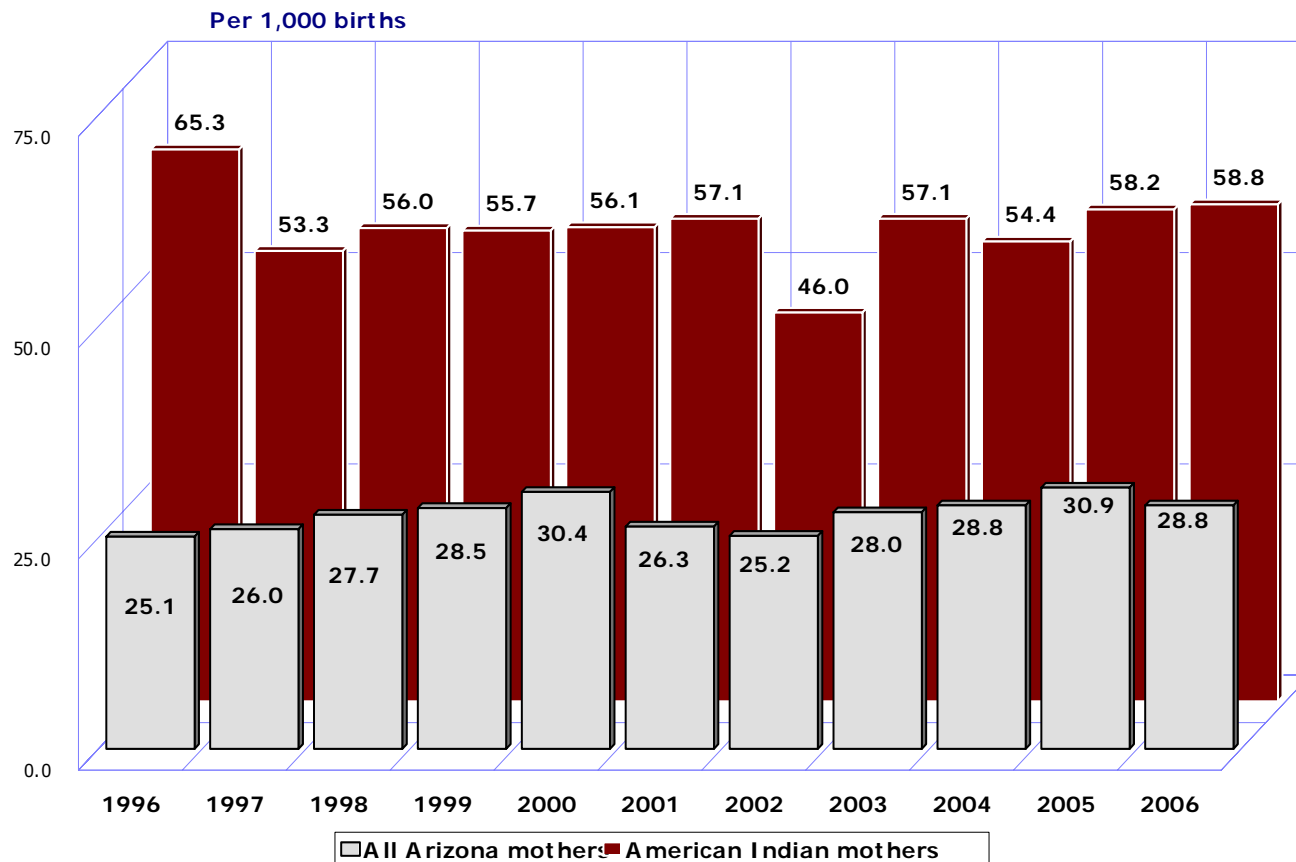
Source: Table 1B-2 and Table 1B-14 in *Arizona Health Status and Vital Statistics 2006*.

3.7
The Incidence of Birth Defects (Congenital Anomalies), 1996-2006



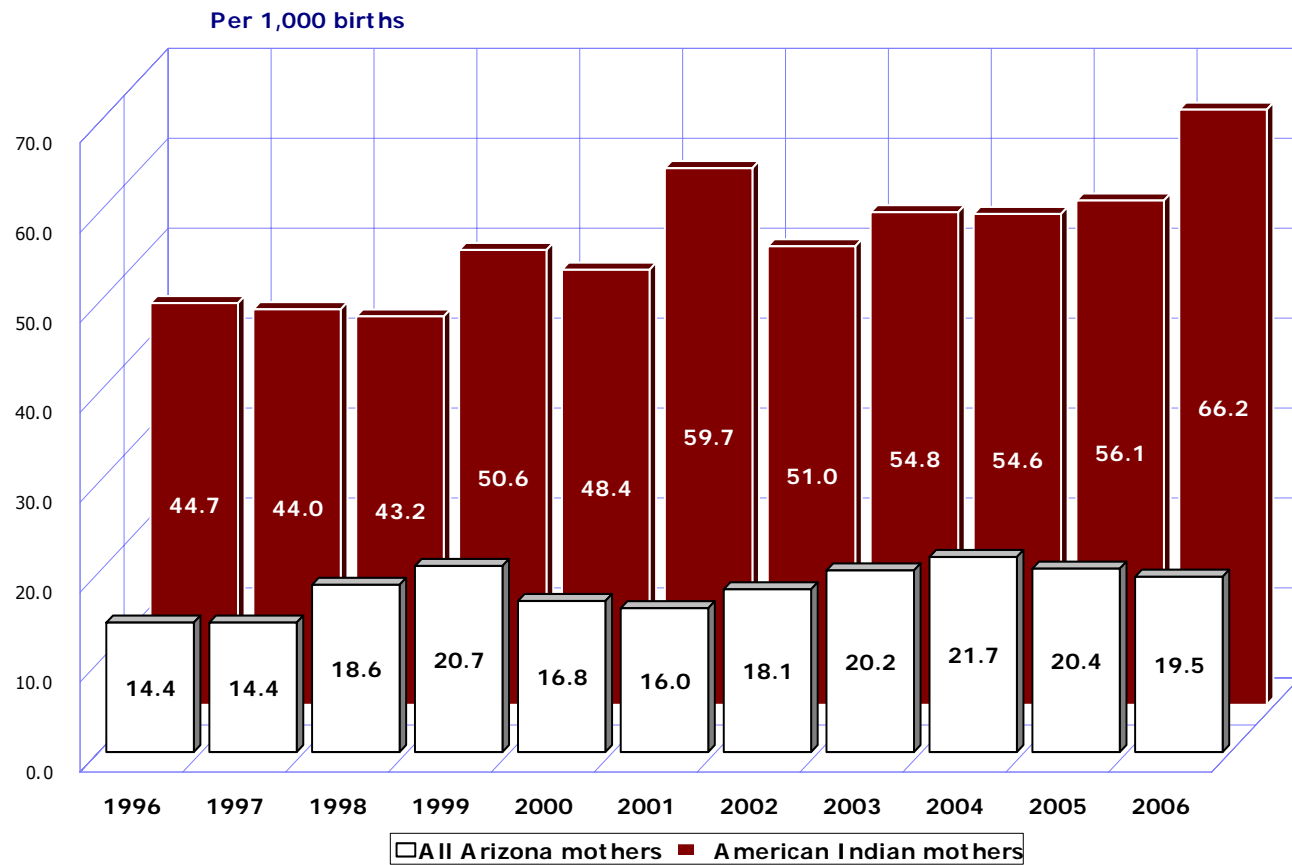
Source: Table 1B-35 in *Arizona Health Status and Vital Statistics 2006*.

3.8
The Incidence of Pregnancy Associated Hypertension, 1996-2006



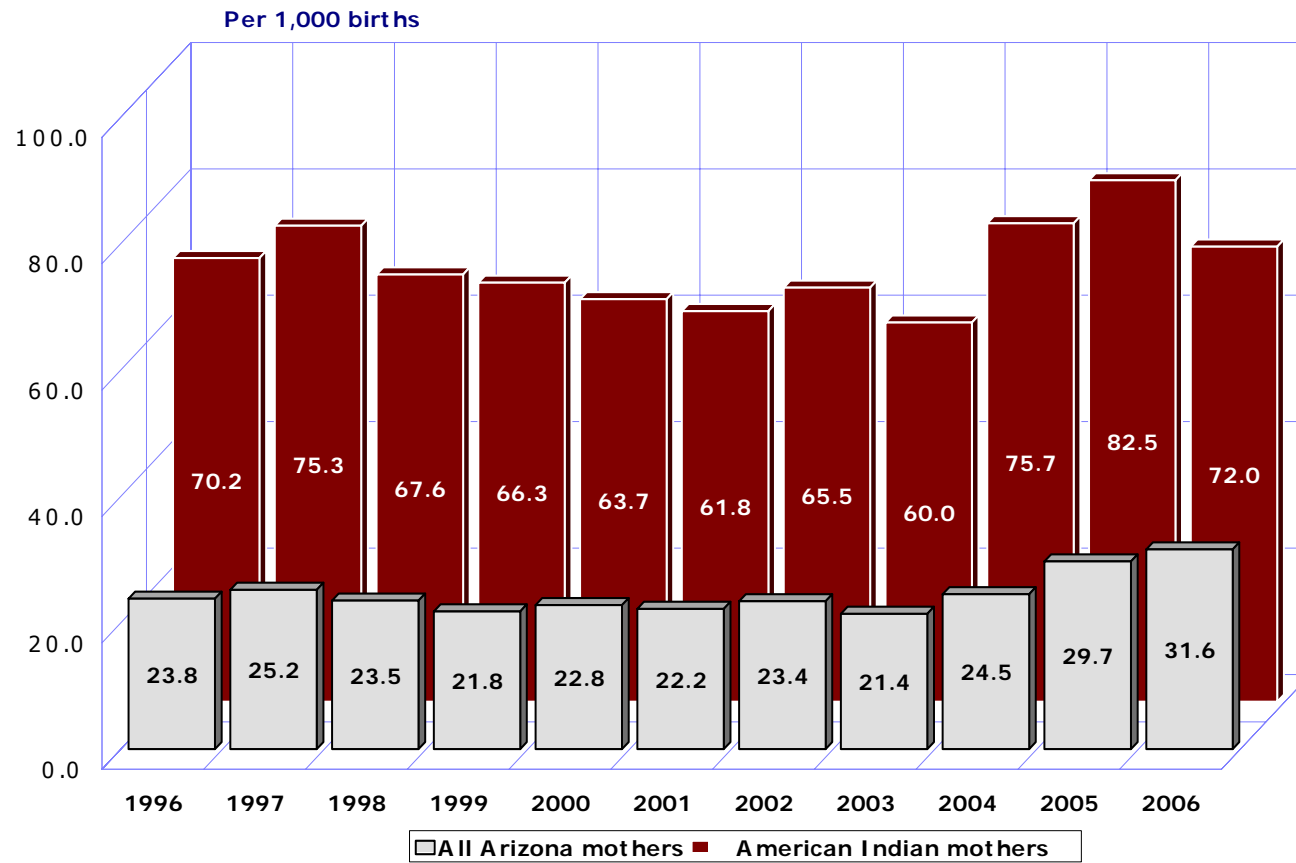
Source: Table 1B-26 in *Arizona Health Status and Vital Statistics 2006*.

3.9
The Incidence of Anemia during Pregnancy, 1996-2006

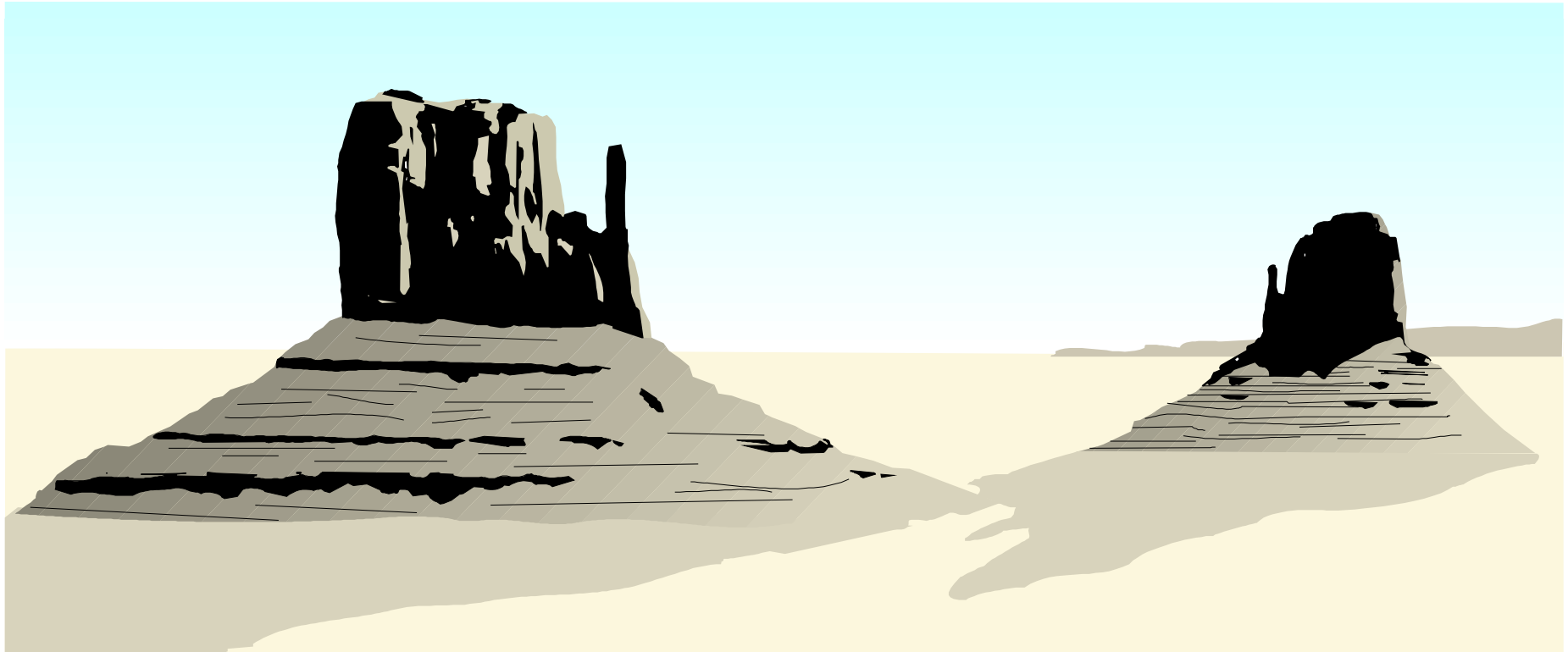


Source: Table 1B-26 in *Arizona Health Status and Vital Statistics 2006*.

3.10
The Incidence of Diabetes during Pregnancy, 1996-2006

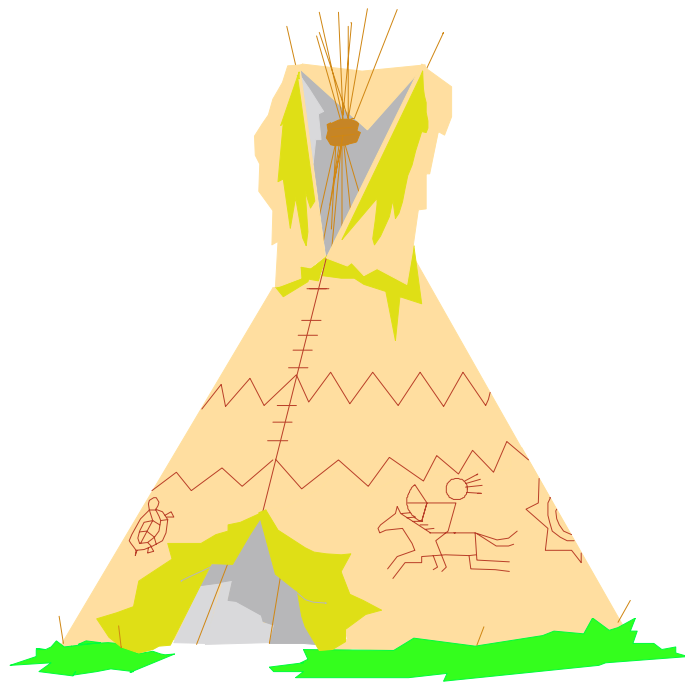


Source: Table 1B-26 in *Arizona Health Status and Vital Statistics 2006*.



IV.

CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND MOTHERS GIVING BIRTH BY PLACE OF RESIDENCE IN ARIZONA IN 2006



SOCIODEMOGRAPHIC CHARACTERISTICS

4.1
MATERNAL AGE (2006 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		6,364	19	430	767	2,075	1,569	922	456	124	2
Resided on reservation	Cocopah Tribe	7	0	0	1	2	3	1	0	0	0
	Colorado River Indian Tribes	48	0	4	3	19	13	4	4	1	0
	Fort McDowell Yavapai Nation	25	0	3	2	15	4	0	1	0	0
	Fort Mojave Indian Tribe	10	0	0	3	2	3	2	0	0	0
	Fort Yuma Quechan Tribe	15	0	1	4	6	2	2	0	0	0
	Gila River Indian Community	244	1	18	33	87	48	31	22	4	0
	Havasupai Tribe	8	0	0	0	2	3	2	1	0	0
	Hopi Tribe	143	0	13	19	42	29	27	11	2	0
	Hualapai Nation	31	0	4	2	14	9	1	1	0	0
	Kaibab-Paiute Tribe	1	0	0	0	0	1	0	0	0	0
	Navajo Nation	2,263	5	119	258	691	538	367	220	64	1
	Pascua Yaqui Tribe	205	0	26	31	79	39	21	7	2	0
	Salt River Pima-Maricopa Community	89	1	14	12	26	26	3	3	4	0
	San Carlos Apache Tribe	214	3	25	35	67	47	21	11	5	0
	Tohono O'Odham Tribe	392	3	38	42	133	88	61	19	8	0
	White Mountain Apache	355	0	44	47	130	75	37	18	4	0
	Yavapai-Apache Nation	11	0	2	2	5	1	1	0	0	0
	Yavapai-Prescott Indian Tribe	2	0	0	0	0	1	1	0	0	0
TOTAL	4,063	13	311	494	1,320	930	582	318	94	1	
Resided off reservation	---in Maricopa County	1,736	5	88	200	551	501	265	106	19	1
	---in Pima County	140	0	5	22	45	35	21	9	3	0
	---in Coconino County	40	0	3	6	11	7	8	5	0	0
	---elsewhere in Arizona	385	1	23	45	148	96	46	18	8	0
	TOTAL	2,301	6	119	273	755	639	340	138	30	1

4.2
EDUCATIONAL ATTAINMENT OF MOTHER (2006 STATUS)

		TOTAL BIRTHS	Mother's education						
			< 8	8	9-11	12	13-16	17+	Un-known
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,364	51	169	1,793	2,366	1,745	167	73
Resided on reservation	Cocopah Tribe	7	0	0	2	4	1	0	0
	Colorado River Indian Tribes	48	0	1	11	22	9	0	5
	Fort McDowell Yavapai Nation	25	0	0	8	12	4	0	1
	Fort Mojave Indian Tribe	10	0	1	4	5	0	0	0
	Fort Yuma Quechan Tribe	15	0	1	4	5	4	1	0
	Gila River Indian Community	244	2	21	104	87	27	2	1
	Havasupai Tribe	8	0	0	4	3	0	0	1
	Hopi Tribe	143	0	0	36	58	45	3	1
	Hualapai Nation	31	0	3	8	17	3	0	0
	Kaibab-Paiute Tribe	1	0	0	0	1	0	0	0
	Navajo Nation	2,263	12	29	528	908	694	76	16
	Pascua Yaqui Tribe	205	2	10	91	77	21	0	4
	Salt River Pima-Maricopa Community	89	1	3	49	23	8	2	3
	San Carlos Apache Tribe	214	4	10	79	82	36	1	2
	Tohono O'Odham Tribe	392	9	24	141	129	80	5	4
	White Mountain Apache	355	0	8	147	132	62	5	1
	Yavapai-Apache Nation	11	0	0	7	2	2	0	0
	Yavapai-Prescott Indian Tribe	2	0	0	0	2	0	0	0
TOTAL	4,063	30	111	1,223	1,569	996	95	39	
Resided off reservation	---in Maricopa County	1,736	14	49	395	577	616	58	27
	---in Pima County	140	0	2	29	53	48	7	1
	---in Coconino County	40	0	0	13	19	6	1	1
	---elsewhere in Arizona	385	7	7	133	148	79	6	5
	TOTAL	2,301	21	58	570	797	749	72	34

4.3
MARITAL STATUS OF MOTHER (2006 STATUS)

		TOTAL BIRTHS	Marital status		
			Married	Unmarried	Other
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,364	1,542	4,760	62
Resided on reservation	Cocopah Tribe	7	1	6	0
	Colorado River Indian Tribes	48	8	40	0
	Fort McDowell Yavapai Nation	25	4	21	0
	Fort Mojave Indian Tribe	10	0	10	0
	Fort Yuma Quechan Tribe	15	3	12	0
	Gila River Indian Community	244	41	202	1
	Havasupai Tribe	8	2	6	0
	Hopi Tribe	143	13	130	0
	Hualapai Nation	31	4	27	0
	Kaibab-Paiute Tribe	1	1	0	0
	Navajo Nation	2,263	559	1,688	16
	Pascua Yaqui Tribe	205	46	157	2
	Salt River Pima-Maricopa Community	89	9	79	1
	San Carlos Apache Tribe	214	43	170	1
	Tohono O'Odham Tribe	392	58	329	5
	White Mountain Apache	355	83	267	5
	Yavapai-Apache Nation	11	1	10	0
	Yavapai-Prescott Indian Tribe	2	0	2	0
TOTAL	4,063	876	3,156	31	
Resided off reservation	---in Maricopa County	1,736	498	1,214	24
	---in Pima County	140	47	91	2
	---in Coconino County	40	12	27	1
	---elsewhere in Arizona	385	109	272	4
	TOTAL	2,301	666	1,604	31

4.4
RACE/ETHNICITY OF FATHER (2006 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	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,364	332	651	100	3,484	27	1,770
Resided on reservation	Cocopah Tribe	7	1	0	1	2	0	3
	Colorado River Indian Tribes	48	10	3	0	21	0	14
	Fort McDowell Yavapai Nation	25	2	3	0	12	0	8
	Fort Mojave Indian Tribe	10	0	0	1	5	0	4
	Fort Yuma Quechan Tribe	15	2	3	1	6	0	3
	Gila River Indian Community	244	9	19	0	133	0	83
	Havasupai Tribe	8	0	0	0	3	0	5
	Hopi Tribe	143	3	6	3	114	0	17
	Hualapai Nation	31	0	1	1	10	0	19
	Kaibab-Paiute Tribe	1	1	0	0	0	0	0
	Navajo Nation	2,263	34	49	8	1,680	3	489
	Pascua Yaqui Tribe	205	6	51	3	77	0	68
	Salt River Pima-Maricopa Community	89	1	14	1	38	0	35
	San Carlos Apache Tribe	214	1	3	3	137	0	70
	Tohono O'Odham Tribe	392	14	48	2	139	1	188
	White Mountain Apache	355	1	5	2	283	0	64
	Yavapai-Apache Nation	11	0	2	0	4	0	5
	Yavapai-Prescott Indian Tribe	2	1	1	0	0	0	0
TOTAL	4,063	86	208	26	2,664	4	1,075	
Resided off reservation	---in Maricopa County	1,736	157	338	66	636	21	518
	---in Pima County	140	35	30	5	31	1	38
	---in Coconino County	40	3	7	0	20	0	10
	---elsewhere in Arizona	385	51	68	3	133	1	129
	TOTAL	2,301	246	443	74	820	23	695

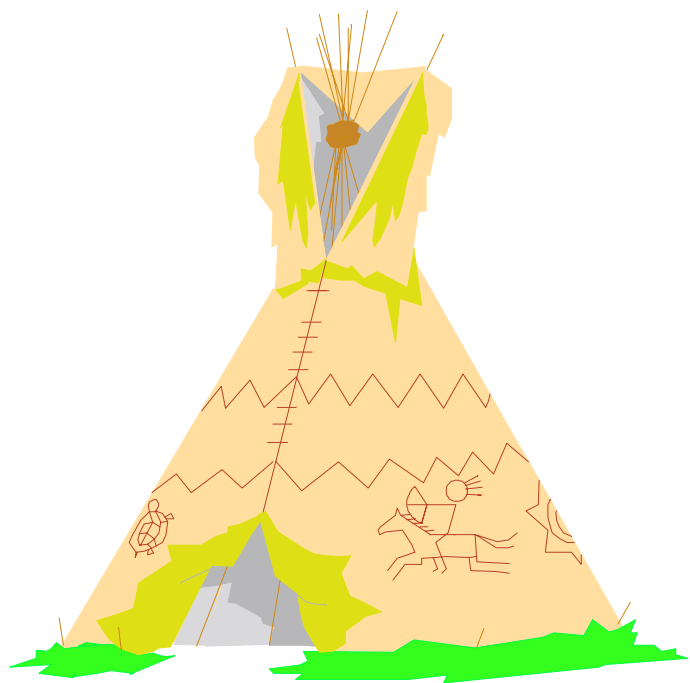
4.5
AGE OF FATHER (2006 STATUS)

		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		6,364	6	132	358	1,328	1,213	833	486	226	82	43	8	1,649
Resided on reservation	Cocopah Tribe	7	0	0	0	1	2	0	1	0	0	0	0	3
	Colorado River Indian Tribes	48	0	2	1	8	10	4	5	1	2	0	0	15
	Fort McDowell Yavapai Nation	25	0	1	1	10	5	0	0	0	0	0	0	8
	Fort Mojave Indian Tribe	10	0	0	2	0	2	2	0	0	0	0	0	4
	Fort Yuma Quechan Tribe	15	0	1	0	4	4	1	2	0	0	0	0	3
	Gila River Indian Community	244	0	7	14	50	42	19	13	9	5	2	0	83
	Havasupai Tribe	8	0	0	0	0	0	2	1	0	0	0	0	5
	Hopi Tribe	143	0	8	12	31	27	28	17	3	0	2	0	15
	Hualapai Nation	31	0	0	2	5	1	5	0	0	1	0	0	17
	Kaibab-Paiute Tribe	1	0	0	0	0	0	0	1	0	0	0	0	0
	Navajo Nation	2,263	2	39	125	461	462	312	223	116	43	24	3	453
	Pascua Yaqui Tribe	205	0	8	18	40	37	24	8	2	1	0	0	67
	Salt River Pima-Maricopa Community	89	0	3	13	17	13	3	1	1	2	2	0	34
	San Carlos Apache Tribe	214	0	10	10	48	39	17	13	4	1	2	0	70
	Tohono O'Odham Tribe	392	0	5	20	65	46	34	21	12	3	1	0	185
	White Mountain Apache	355	0	15	35	92	82	36	18	11	3	1	0	62
	Yavapai-Apache Nation	11	0	0	0	1	3	1	0	1	0	0	0	5
Yavapai-Prescott Indian Tribe	2	0	0	0	1	1	0	0	0	0	0	0	0	
TOTAL	4,063	2	99	253	834	776	488	324	160	61	34	3	1,029	
Resided off reservation	---in Maricopa County	1,736	4	28	74	363	338	268	128	46	14	7	3	463
	---in Pima County	140	0	1	6	32	31	26	6	6	2	0	1	29
	---in Coconino County	40	0	0	1	10	6	9	2	2	0	0	0	10
	---elsewhere in Arizona	385	0	4	24	89	62	42	26	12	5	2	1	118
	TOTAL	2,301	4	33	105	494	437	345	162	66	21	9	5	620

4.6
SOURCE OF PAYMENT FOR LABOR AND DELIVERY (2006 STATUS)

		TOTAL BIRTHS	Payee for births				
			AHCCCS	IHS	Private insurance	Self	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,364	3,528	1,717	905	60	154
Resided on reservation	Cocopah Tribe	7	4	2	1	0	0
	Colorado River Indian Tribes	48	26	4	17	0	1
	Fort McDowell Yavapai Nation	25	10	1	14	0	0
	Fort Mojave Indian Tribe	10	4	2	3	1	0
	Fort Yuma Quechan Tribe	15	11	0	4	0	0
	Gila River Indian Community	244	153	11	75	5	0
	Havasupai Tribe	8	8	0	0	0	0
	Hopi Tribe	143	54	79	5	0	5
	Hualapai Nation	31	27	0	2	2	0
	Kaibab-Paiute Tribe	1	0	0	0	0	1
	Navajo Nation	2,263	1,168	888	101	7	99
	Pascua Yaqui Tribe	205	150	34	17	2	2
	Salt River Pima-Maricopa Community	89	61	12	12	3	1
	San Carlos Apache Tribe	214	42	165	6	0	1
	Tohono O'Odham Tribe	392	243	91	51	7	0
	White Mountain Apache	355	157	181	11	4	2
	Yavapai-Apache Nation	11	10	0	0	1	0
	Yavapai-Prescott Indian Tribe	2	1	0	1	0	0
	TOTAL	4,063	2,129	1,470	320	32	112
Resided off reservation	---in Maricopa County	1,736	1,078	177	458	18	5
	---in Pima County	140	80	7	48	4	1
	---in Coconino County	40	35	1	3	0	1
	---elsewhere in Arizona	385	206	62	76	6	35
	TOTAL	2,301	1,399	247	585	28	42

*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 (2006 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		6,364	108	1,096	923	513	1,414	2,193	117
Resided on reservation	Cocopah Tribe	7	0	0	0	0	6	1	0
	Colorado River Indian Tribes	48	0	12	7	1	7	17	4
	Fort McDowell Yavapai Nation	25	1	2	2	3	1	15	1
	Fort Mojave Indian Tribe	10	0	1	0	0	3	6	0
	Fort Yuma Quechan Tribe	15	0	1	0	0	10	4	0
	Gila River Indian Community	244	6	38	35	8	88	65	4
	Havasupai Tribe	8	0	3	0	0	2	3	0
	Hopi Tribe	143	1	37	32	11	24	31	7
	Hualapai Nation	31	0	5	5	1	7	13	0
	Kaibab-Paiute Tribe	1	0	0	0	1	0	0	0
	Navajo Nation	2,263	28	458	314	222	468	700	73
	Pascua Yaqui Tribe	205	6	26	33	15	58	67	0
	Salt River Pima-Maricopa Community	89	2	11	25	5	18	28	0
	San Carlos Apache Tribe	214	3	39	38	11	50	70	3
	Tohono O'Odham Tribe	392	11	73	57	27	85	135	4
	White Mountain Apache	355	4	92	46	30	55	126	2
	Yavapai-Apache Nation	11	0	1	2	0	1	7	0
	Yavapai-Prescott Indian Tribe	2	0	0	0	2	0	0	0
TOTAL	4,063	62	799	596	337	883	1,288	98	
Resided off reservation	---in Maricopa County	1,736	35	213	245	147	398	684	14
	---in Pima County	140	1	19	24	11	26	58	1
	---in Coconino County	40	0	5	6	1	11	17	0
	---elsewhere in Arizona	385	10	60	52	17	96	146	4
	TOTAL	2,301	46	297	327	176	531	905	19

4.8

MEDICAL RISK FACTORS OF PREGNANCY (2006 STATUS)

		TOTAL BIRTHS	Births with medical risk factors	Medical risk factors																	
				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		6,364	2,717	421	14	29	458	24	127	0	89	374	57	63	68	27	3	31	0	1,759	
Resided on reservation	Cocopah Tribe	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Colorado River Indian Tribes	48	12	2	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	8
	Fort McDowell Yavapai Nation	25	9	1	0	0	4	0	2	0	0	1	0	0	0	0	0	0	0	0	6
	Fort Mojave Indian Tribe	10	2	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
	Fort Yuma Quechan Tribe	15	5	0	0	0	0	0	1	0	0	3	0	0	0	0	0	0	0	0	1
	Gila River Indian Community	244	72	4	1	1	24	1	1	0	1	12	3	2	1	0	0	0	0	0	43
	Havasupai Tribe	8	5	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	5
	Hopi Tribe	143	62	4	1	1	10	0	3	0	7	15	1	0	4	0	0	2	0	0	33
	Hualapai Nation	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kaibab-Paiute Tribe	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Navajo Nation	2,263	953	134	8	12	165	9	48	0	36	166	18	37	29	10	2	8	0	0	503
	Pascua Yaqui Tribe	205	96	9	0	0	18	0	7	0	3	11	5	0	0	0	0	0	0	0	66
	Salt River Pima-Maricopa Community	89	53	17	0	1	7	2	3	0	2	8	1	0	0	0	0	1	0	0	31
	San Carlos Apache Tribe	214	107	30	0	1	19	3	4	0	9	13	5	2	3	1	0	1	0	0	71
	Tohono O'Odham Tribe	392	198	12	0	0	39	2	15	0	4	28	6	0	0	0	0	0	0	0	154
	White Mountain Apache	355	158	12	1	8	21	1	3	0	2	35	2	10	22	16	0	10	0	0	116
	Yavapai-Apache Nation	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yavapai-Prescott Indian Tribe	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
TOTAL	4,063	1,734	226	11	25	309	19	87	0	66	294	41	51	59	27	2	22	0	1,038		
Resided off reservation	---in Maricopa County	1,736	768	172	2	2	116	5	30	0	13	63	10	11	7	0	1	8	0	559	
	---in Pima County	140	71	7	0	0	12	0	4	0	1	6	2	0	0	0	0	0	0	0	60
	---in Coconino County	40	28	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	26
	---elsewhere in Arizona	385	116	16	1	2	21	0	6	0	9	9	3	1	2	0	0	1	0	0	76
	TOTAL	2,301	983	195	3	4	149	5	40	0	23	80	16	12	9	0	1	9	0	721	

4.9
SUBSTANCE USE DURING PREGNANCY (2006 STATUS)

		TOTAL BIRTHS	Substance use			
			Drinker, nonsmoker	Smoker, nondrinker	Smoker and drinker	Nonsmoker and nondrinker
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,364	57	165	61	6,081
Resided on reservation	Cocopah Tribe	7	0	1	0	6
	Colorado River Indian Tribes	48	0	1	0	47
	Fort McDowell Yavapai Nation	25	0	0	1	24
	Fort Mojave Indian Tribe	10	0	4	0	6
	Fort Yuma Quechan Tribe	15	0	1	0	14
	Gila River Indian Community	244	2	5	5	232
	Havasupai Tribe	8	1	0	1	6
	Hopi Tribe	143	4	2	2	135
	Hualapai Nation	31	0	1	0	30
	Kaibab-Paiute Tribe	1	0	0	0	1
	Navajo Nation	2,263	17	29	13	2,204
	Pascua Yaqui Tribe	205	2	6	0	197
	Salt River Pima-Maricopa Community	89	1	2	2	84
	San Carlos Apache Tribe	214	4	5	5	200
	Tohono O'Odham Tribe	392	5	8	4	375
	White Mountain Apache	355	11	6	7	331
	Yavapai-Apache Nation	11	0	0	0	11
	Yavapai-Prescott Indian Tribe	2	0	0	0	2
	TOTAL	4,063	47	71	40	3,905
	Resided off reservation	---in Maricopa County	1,736	8	56	13
---in Pima County		140	1	10	2	127
---in Coconino County		40	0	3	1	36
---elsewhere in Arizona		385	1	25	5	354
TOTAL		2,301	10	94	21	2,176



Utilization of Medical Services

4.10
TRIMESTER OF PREGNANCY PRENATAL CARE BEGAN (2006 STATUS)

		TOTAL BIRTHS	Prenatal care				
			No care	1st trimester	2nd trimester	3rd trimester	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,364	223	4,196	1,489	445	11
Resided on reservation	Cocopah Tribe	7	0	2	4	1	0
	Colorado River Indian Tribes	48	2	34	9	3	0
	Fort McDowell Yavapai Nation	25	2	13	10	0	0
	Fort Mojave Indian Tribe	10	1	4	3	2	0
	Fort Yuma Quechan Tribe	15	0	5	8	2	0
	Gila River Indian Community	244	11	189	28	16	0
	Havasupai Tribe	8	1	4	1	2	0
	Hopi Tribe	143	5	98	33	7	0
	Hualapai Nation	31	1	22	7	1	0
	Kaibab-Paiute Tribe	1	0	1	0	0	0
	Navajo Nation	2,263	49	1,425	624	159	6
	Pascua Yaqui Tribe	205	7	136	48	13	1
	Salt River Pima-Maricopa Community	89	7	51	22	9	0
	San Carlos Apache Tribe	214	14	121	61	18	0
	Tohono O'Odham Tribe	392	19	263	79	30	1
	White Mountain Apache	355	14	182	113	46	0
	Yavapai-Apache Nation	11	0	5	4	2	0
	Yavapai-Prescott Indian Tribe	2	0	2	0	0	0
	TOTAL	4,063	133	2,557	1,054	311	8
Resided off reservation	---in Maricopa County	1,736	59	1,265	320	91	1
	---in Pima County	140	3	102	28	7	0
	---in Coconino County	40	0	25	12	2	1
	---elsewhere in Arizona	385	28	247	75	34	1
	TOTAL	2,301	90	1,639	435	134	3

4.11
NUMBER OF PRENATAL VISITS (2006 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		6,364	223	619	1,658	2,685	1,165	14
Resided on reservation	Cocopah Tribe	7	0	1	3	3	0	0
	Colorado River Indian Tribes	48	2	6	19	13	8	0
	Fort McDowell Yavapai Nation	25	2	0	7	9	7	0
	Fort Mojave Indian Tribe	10	1	2	2	3	2	0
	Fort Yuma Quechan Tribe	15	0	1	6	6	2	0
	Gila River Indian Community	244	11	13	36	113	71	0
	Havasupai Tribe	8	1	1	2	3	1	0
	Hopi Tribe	143	5	9	43	65	21	0
	Hualapai Nation	31	1	2	5	18	5	0
	Kaibab-Paiute Tribe	1	0	0	0	1	0	0
	Navajo Nation	2,263	49	243	613	913	441	4
	Pascua Yaqui Tribe	205	7	12	44	88	53	1
	Salt River Pima-Maricopa Community	89	7	9	33	26	14	0
	San Carlos Apache Tribe	214	14	40	69	71	20	0
	Tohono O'Odham Tribe	392	19	41	99	149	82	2
	White Mountain Apache	355	14	61	159	105	16	0
	Yavapai-Apache Nation	11	0	2	5	3	1	0
	Yavapai-Prescott Indian Tribe	2	0	0	0	2	0	0
	TOTAL	4,063	133	443	1,145	1,591	744	7
Resided off reservation	---in Maricopa County	1,736	59	131	380	854	309	3
	---in Pima County	140	3	9	29	64	35	0
	---in Coconino County	40	0	2	8	20	9	1
	---elsewhere in Arizona	385	28	34	96	156	68	3
	TOTAL	2,301	90	176	513	1,094	421	7

**4.12
OBSTETRIC PROCEDURES (2006 STATUS)**

		TOTAL BIRTHS	Obstetric procedures						
			Amniocentesis	Electronic Fetal Monitor	Induction of labor	Stimulation of labor	Tocolysis	Ultrasound	Other
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,164	43	5,899	961	1,158	43	3,469	564
Resided on reservation	Cocopah Tribe	7	0	7	0	0	0	7	0
	Colorado River Indian Tribes	46	0	45	1	5	0	22	1
	Fort McDowell Yavapai Nation	25	0	24	6	9	0	16	2
	Fort Mojave Indian Tribe	8	0	6	4	1	0	7	0
	Fort Yuma Quechan Tribe	15	0	15	1	0	0	15	0
	Gila River Indian Community	241	2	240	22	16	1	212	5
	Havasupai Tribe	8	0	8	2	5	0	0	0
	Hopi Tribe	135	0	130	18	27	0	51	4
	Hualapai Nation	31	0	31	2	5	0	0	0
	Kaibab-Paiute Tribe	1	0	1	0	1	0	1	0
	Navajo Nation	2,171	16	2,113	401	419	17	1,084	84
	Pascua Yaqui Tribe	203	0	203	6	17	0	157	12
	Salt River Pima-Maricopa Community	87	1	86	17	31	1	39	11
	San Carlos Apache Tribe	201	1	152	42	35	0	91	41
	Tohono O'Odham Tribe	388	1	382	23	38	0	315	21
	White Mountain Apache	328	2	267	53	56	15	299	117
	Yavapai-Apache Nation	11	0	11	1	0	0	11	0
	Yavapai-Prescott Indian Tribe	2	0	2	0	1	0	2	0
TOTAL	3,908	23	3,723	599	666	34	2,329	298	
Resided off reservation	---in Maricopa County	1,709	17	1,662	293	433	7	733	229
	---in Pima County	140	1	136	15	20	0	126	8
	---in Coconino County	40	0	39	11	12	0	5	0
	---elsewhere in Arizona	367	2	339	43	27	2	276	29
	TOTAL	2,256	20	2,176	362	492	9	1,140	266

4.13

COMPLICATIONS OF LABOR AND DELIVERY (2006 STATUS)

	TOTAL BIRTHS	Births with complications of labor and or delivery	Complications of labor and/or delivery																
			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	6,364	1,954	107	284	234	32	9	80	3	75	100	157	201	45	9	1	220	1,015	
Resided on reservation																			
Cocopah Tribe	7	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Colorado River Indian Tribes	48	4	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1
Fort McDowell Yavapai Nation	25	9	1	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	7
Fort Mojave Indian Tribe	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Yuma Quechan Tribe	15	7	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	6
Gila River Indian Community	244	50	5	8	1	1	0	1	0	4	0	1	9	0	0	0	4	24	
Havasupai Tribe	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Hopi Tribe	143	31	1	12	2	0	0	2	1	0	5	5	2	2	0	0	3	11	
Hualapai Nation	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Kaibab-Paiute Tribe	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
Navajo Nation	2,263	693	47	99	104	9	2	37	0	38	49	77	71	17	6	0	102	237	
Pascua Yaqui Tribe	205	51	1	12	7	1	3	2	0	0	2	1	3	1	1	0	6	29	
Salt River Pima-Maricopa Community	89	41	3	10	4	0	0	1	0	1	2	4	3	0	0	0	3	17	
San Carlos Apache Tribe	214	74	0	7	4	0	0	5	0	7	3	2	4	2	0	0	11	49	
Tohono O'Odham Tribe	392	113	1	28	12	4	0	3	1	3	3	3	4	1	1	0	13	62	
White Mountain Apache	355	134	7	15	25	3	1	4	0	3	5	28	18	5	0	0	23	98	
Yavapai-Apache Nation	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	
Yavapai-Prescott Indian Tribe	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
TOTAL	4,063	1,220	66	198	159	18	6	55	2	56	69	122	118	28	8	0	166	550	
Resided off reservation																			
---in Maricopa County	1,736	591	34	71	63	8	3	23	1	16	27	33	65	12	0	1	40	367	
---in Pima County	140	49	3	6	5	2	0	0	0	0	2	0	0	0	0	0	3	38	
---in Coconino County	40	10	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	7	
---elsewhere in Arizona	385	84	4	9	7	4	0	2	0	3	2	2	14	5	1	0	11	53	
TOTAL	2,301	734	41	86	75	14	3	25	1	19	31	35	83	17	1	1	54	465	

4.14
METHOD OF DELIVERY (2006 STATUS)

		TOTAL BIRTHS	Method of delivery					
			Vaginal	Vaginal after C-Section	Primary C-Section	Repeat C-Section	Forceps	Vacuum
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,364	4,847	94	794	629	33	106
Resided on reservation	Cocopah Tribe	7	5	0	1	1	0	0
	Colorado River Indian Tribes	48	38	0	8	2	0	0
	Fort McDowell Yavapai Nation	25	18	0	6	1	2	1
	Fort Mojave Indian Tribe	10	7	0	1	2	0	0
	Fort Yuma Quechan Tribe	15	5	0	7	3	0	0
	Gila River Indian Community	244	175	3	33	33	0	1
	Havasupai Tribe	8	6	0	1	1	0	0
	Hopi Tribe	143	115	2	14	12	0	3
	Hualapai Nation	31	23	0	4	4	0	2
	Kaibab-Paiute Tribe	1	0	0	1	0	0	0
	Navajo Nation	2,263	1,792	55	240	176	13	20
	Pascua Yaqui Tribe	205	158	4	19	24	1	0
	Salt River Pima-Maricopa Community	89	67	0	11	11	1	5
	San Carlos Apache Tribe	214	154	3	29	28	1	20
	Tohono O'Odham Tribe	392	324	5	29	34	1	3
	White Mountain Apache	355	270	3	42	40	7	13
	Yavapai-Apache Nation	11	4	0	4	3	0	0
	Yavapai-Prescott Indian Tribe	2	2	0	0	0	0	0
TOTAL	4,063	3,163	75	450	375	26	68	
Resided off reservation	---in Maricopa County	1,736	1,274	17	259	186	5	28
	---in Pima County	140	109	0	15	16	1	5
	---in Coconino County	40	31	0	5	4	0	1
	---elsewhere in Arizona	385	270	2	65	48	1	4
	TOTAL	2,301	1,684	19	344	254	7	38

**4.15
ATTENDANT AT BIRTH (2006 STATUS)**

		TOTAL BIRTHS	M.D.	C.N.M	Hospital Admin.	Midwife	D.O.	Other	Un-known
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,364	3,959	1,819	1	13	563	7	2
Resided on reservation	Cocopah Tribe	7	5	2	0	0	0	0	0
	Colorado River Indian Tribes	48	23	0	0	0	25	0	0
	Fort McDowell Yavapai Nation	25	20	5	0	0	0	0	0
	Fort Mojave Indian Tribe	10	10	0	0	0	0	0	0
	Fort Yuma Quechan Tribe	15	11	4	0	0	0	0	0
	Gila River Indian Community	244	179	7	0	2	56	0	0
	Havasupai Tribe	8	7	0	0	0	1	0	0
	Hopi Tribe	143	79	55	0	0	9	0	0
	Hualapai Nation	31	16	0	0	0	15	0	0
	Kaibab-Paiute Tribe	1	1	0	0	0	0	0	0
	Navajo Nation	2,263	1,007	1,134	0	1	116	4	1
	Pascua Yaqui Tribe	205	146	57	0	0	2	0	0
	Salt River Pima-Maricopa Community	89	58	31	0	0	0	0	0
	San Carlos Apache Tribe	214	211	2	0	0	1	0	0
	Tohono O'Odham Tribe	392	335	50	0	0	6	1	0
	White Mountain Apache	355	179	4	1	0	171	0	0
	Yavapai-Apache Nation	11	11	0	0	0	0	0	0
	Yavapai-Prescott Indian Tribe	2	2	0	0	0	0	0	0
TOTAL	4,063	2,300	1,351	1	3	402	5	1	
Resided off reservation	---in Maricopa County	1,736	1,182	430	0	8	116	0	0
	---in Pima County	140	125	13	0	0	1	1	0
	---in Coconino County	40	38	2	0	0	0	0	0
	---elsewhere in Arizona	385	314	23	0	2	44	1	1
	TOTAL	2,301	1,659	468	0	10	161	2	1



Newborn's Health

4.16
GESTATIONAL AGE (2006 STATUS)

		TOTAL BIRTHS	Length of gestation			
			<37 weeks	37-41 weeks	42+ weeks	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,364	745	5,541	72	6
Resided on reservation	Cocopah Tribe	7	0	7	0	0
	Colorado River Indian Tribes	48	8	39	0	1
	Fort McDowell Yavapai Nation	25	1	24	0	0
	Fort Mojave Indian Tribe	10	1	9	0	0
	Fort Yuma Quechan Tribe	15	2	13	0	0
	Gila River Indian Community	244	42	200	2	0
	Havasupai Tribe	8	1	7	0	0
	Hopi Tribe	143	10	129	4	0
	Hualapai Nation	31	1	29	1	0
	Kaibab-Paiute Tribe	1	0	1	0	0
	Navajo Nation	2,263	209	2,011	40	3
	Pascua Yaqui Tribe	205	38	166	1	0
	Salt River Pima-Maricopa Community	89	6	82	1	0
	San Carlos Apache Tribe	214	36	177	1	0
	Tohono O'Odham Tribe	392	49	341	1	1
	White Mountain Apache	355	43	309	3	0
	Yavapai-Apache Nation	11	0	10	1	0
	Yavapai-Prescott Indian Tribe	2	0	2	0	0
	TOTAL	4,063	447	3,556	55	5
Resided off reservation	---in Maricopa County	1,736	222	1,499	14	1
	---in Pima County	140	12	128	0	0
	---in Coconino County	40	9	31	0	0
	---elsewhere in Arizona	385	55	327	3	0
	TOTAL	2,301	298	1,985	17	1

**4.17
WEIGHT AT BIRTH (2006 STATUS)**

		TOTAL BIRTHS	Weight at birth					Un-known
			<1,000 grams	1,000-1,499	1,500-2,499	2,500-3,999	4000+	
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,364	26	47	400	5,335	554	2
Resided on reservation	Cocopah Tribe	7	0	0	0	5	2	0
	Colorado River Indian Tribes	48	0	0	3	40	5	0
	Fort McDowell Yavapai Nation	25	0	0	0	20	5	0
	Fort Mojave Indian Tribe	10	0	0	0	10	0	0
	Fort Yuma Quechan Tribe	15	0	0	0	11	4	0
	Gila River Indian Community	244	0	1	21	201	21	0
	Havasupai Tribe	8	0	1	0	5	2	0
	Hopi Tribe	143	0	1	12	120	10	0
	Hualapai Nation	31	0	0	0	28	3	0
	Kaibab-Paiute Tribe	1	0	0	0	1	0	0
	Navajo Nation	2,263	6	19	116	1,975	146	1
	Pascua Yaqui Tribe	205	4	2	18	167	14	0
	Salt River Pima-Maricopa Community	89	0	0	4	76	9	0
	San Carlos Apache Tribe	214	2	1	16	175	20	0
	Tohono O'Odham Tribe	392	2	3	26	317	44	0
	White Mountain Apache	355	0	3	27	298	27	0
	Yavapai-Apache Nation	11	0	0	0	11	0	0
	Yavapai-Prescott Indian Tribe	2	0	0	0	2	0	0
	TOTAL	4,063	14	31	243	3,462	312	1
Resided off reservation	---in Maricopa County	1,736	9	11	121	1,411	184	0
	---in Pima County	140	0	0	6	118	16	0
	---in Coconino County	40	0	0	7	28	4	1
	---elsewhere in Arizona	385	3	5	23	316	38	0
	TOTAL	2,301	12	16	157	1,873	242	1

4.18
ABNORMAL CONDITIONS OF THE NEWBORN (2006 STATUS)

	TOTAL BIRTHS	Births with abnormal conditions of the newborn	Abnormal conditions								
			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	6,364	381	4	20	4	16	15	50	47	10	291
Resided on reservation											
Cocopah Tribe	7	0	0	0	0	0	0	0	0	0	0
Colorado River Indian Tribes	48	8	0	0	0	0	0	5	0	0	5
Fort McDowell Yavapai Nation	25	1	0	0	0	0	0	0	0	0	1
Fort Mojave Indian Tribe	10	0	0	0	0	0	0	0	0	0	0
Fort Yuma Quechan Tribe	15	0	0	0	0	0	0	0	0	0	0
Gila River Indian Community	244	11	0	0	0	0	0	1	0	2	8
Havasupai Tribe	8	0	0	0	0	0	0	0	0	0	0
Hopi Tribe	143	4	1	0	0	0	0	0	0	1	2
Hualapai Nation	31	0	0	0	0	0	0	0	0	0	0
Kaibab-Paiute Tribe	1	0	0	0	0	0	0	0	0	0	0
Navajo Nation	2,263	111	1	5	2	5	10	25	23	2	61
Pascua Yaqui Tribe	205	8	0	0	0	0	0	1	0	1	7
Salt River Pima-Maricopa Community	89	2	0	0	0	0	0	0	0	0	2
San Carlos Apache Tribe	214	33	1	0	1	0	0	0	2	0	31
Tohono O'Odham Tribe	392	15	0	0	0	1	2	2	0	0	13
White Mountain Apache	355	51	1	14	1	1	0	2	10	0	44
Yavapai-Apache Nation	11	1	0	0	0	0	0	0	0	0	1
Yavapai-Prescott Indian Tribe	2	0	0	0	0	0	0	0	0	0	0
TOTAL	4,063	245	4	19	4	7	12	36	35	6	175
Resided off reservation											
---in Maricopa County	1,736	63	0	0	0	8	3	4	5	0	53
---in Pima County	140	16	0	0	0	0	0	5	0	2	14
---in Coconino County	40	1	0	0	0	0	0	0	0	0	1
---elsewhere in Arizona	385	56	0	1	0	1	0	5	7	2	48
TOTAL	2,301	136	0	1	0	9	3	14	12	4	116

4.19

CONGENITAL ANOMALIES (BIRTH DEFECTS) (2006 STATUS)

		TOTAL BIRTHS	Births with congenital anomalies	Congenital anomalies																						
				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/	Club foot	Diaphragmatic hernia	Other musculoskeletal	Down's syndrome	Other chromosomal	Other	
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,364	79	0	0	1	0	0	2	11	0	0	3	0	3	0	4	7	2	2	0	4	1	6	45	
Resided on reservation	Cocopah Tribe	7	0	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 Tribes	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Fort McDowell Yavapai Nation	25	0	0	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	10	0	0	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	15	0	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	244	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	3	0
	Havasupai Tribe	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hopi Tribe	143	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	Hualapai Nation	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kaibab-Paiute Tribe	1	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	2,263	31	0	0	0	0	0	2	1	0	0	2	0	2	0	1	0	0	2	0	3	1	2	20	0
	Pascua Yaqui Tribe	205	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Salt River Pima-Maricopa Community	89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	San Carlos Apache Tribe	214	9	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
	Tohono O'Odham Tribe	392	3	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0
	White Mountain Apache	355	13	0	0	0	0	0	0	4	0	0	0	0	0	0	3	2	1	0	0	1	0	2	2	0
	Yavapai-Apache Nation	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Yavapai-Prescott Indian Tribe	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	4,063	65	0	0	0	0	0	2	9	0	0	2	0	3	0	4	3	1	2	0	4	1	6	38		
Resided off reservation	---in Maricopa County	1,736	12	0	0	1	0	0	0	2	0	0	1	0	0	0	4	1	0	0	0	0	0	0	5	
	---in Pima County	140	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	---in Coconino County	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	---elsewhere in Arizona	385	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	TOTAL	2,301	14	0	0	1	0	0	0	2	0	0	1	0	0	0	4	1	0	0	0	0	0	0	7	

4.20

CAUSES OF INFANT DEATHS AMONG AMERICAN INDIAN RESIDENTS, ARIZONA, 2006

	TOTAL STATE	Resided on reservation							Resided off reservation				
		Gila River Indian Community	Navajo Nation	Pascua Yaqui Tribe	San Carlos Apache Tribe	Tohono O'Odham Tribe	White Mountain Apache Tribe	Total	---in Maricopa County	---in Pima County	---in Coconino County	---elsewhere in Arizona	Total
Total, all causes	41	1	8	4	3	2	4	22	10	2	3	4	19
Certain conditions originating in the perinatal period	20	0	2	3	3	1	1	10	5	0	2	3	10
Maternal complications	2	0	0	0	1	0	0	1	1	0	0	0	1
Complications of placenta, cord and membrane	1	0	0	1	0	0	0	1	0	0	0	0	0
Short gestation and low birth weight	7	0	1	0	0	0	0	1	3	0	1	2	6
Bacterial sepsis of newborn	4	0	0	1	1	0	1	3	0	0	1	0	1
Congenital malformations	9	0	3	0	0	0	2	5	2	1	1	0	4
of heart	1	0	0	0	0	0	1	1	0	0	0	0	0
of brain, spinal cord or nervous system	2	0	0	0	0	0	0	0	1	1	0	0	2
of respiratory system	1	0	0	0	0	0	0	0	0	0	1	0	1
Sudden infant death syndrome	2	0	0	0	0	1	0	1	1	0	0	0	1
Accident (unintentional injury)	1	0	0	0	0	0	0	0	0	0	0	1	1
Diseases of the circulatory system	1	0	1	0	0	0	0	1	0	0	0	0	0
Diseases of the nervous system	1	0	0	0	0	0	0	0	1	0	0	0	1
Assault (homicide)	1	0	1	0	0	0	0	1	0	0	0	0	0
Septicemia	1	0	1	0	0	0	0	1	0	0	0	0	0
Other ill-defined and unspecified causes of mortality	4	1	0	1	0	0	0	2	1	1	0	0	2

4.21
**COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
 COUNTY OF RESIDENCE, ARIZONA, 2006**

		TOTAL STATE	APACHE	COCHISE	COCONINO	GILA	GRAHAM	GREENLEE	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	SANTA CRUZ	YAVAPAI	YUMA	LA PAZ	Unknown
Total births		6,364	950	11	851	195	65	1	1,990	76	1,071	600	421	1	41	41	48	2
Mother's age group	<15	19	1	0	2	2	1	0	6	0	2	3	2	0	0	0	0	0
	15-17	430	50	0	51	24	3	0	117	7	82	57	30	0	3	1	4	1
	18-19	767	111	0	101	33	9	0	231	9	124	79	55	1	6	5	3	0
	20-24	2,075	287	4	255	65	22	0	640	26	359	210	159	0	13	16	19	0
	25-29	1,569	216	4	219	37	19	1	566	25	231	127	88	0	10	13	13	0
	30-34	922	153	2	141	20	7	0	286	6	155	86	48	0	7	6	4	1
	35-39	456	100	1	68	10	3	0	115	3	89	30	32	0	1	0	4	0
	40-44	124	32	0	13	4	1	0	28	0	29	8	7	0	1	0	1	0
	45+	2	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Payee for births	AHCCCS	3,528	420	5	435	52	6	1	1,235	52	591	389	259	1	30	26	26	0
	IHS	1,717	409	1	347	136	50	0	224	4	399	98	41	0	2	2	4	0
	Private insurance	905	14	5	63	7	6	0	501	15	46	100	111	0	8	12	17	0
	Self	60	5	0	0	0	0	0	23	3	6	11	10	0	1	1	0	0
	Unknown	154	102	0	6	0	3	0	7	2	29	2	0	0	0	0	1	2
Mother's education	< 8	51	6	0	5	3	1	0	19	0	3	7	7	0	0	0	0	0
	8	169	8	0	8	9	1	0	65	4	21	24	27	0	0	1	1	0
	9-11	1,793	219	2	201	74	18	0	509	24	326	206	178	0	14	10	11	1
	12	2,366	355	5	349	71	37	1	650	37	441	221	141	1	15	20	22	0
	13-16	1,745	313	4	253	33	8	0	651	8	257	126	63	0	11	8	9	1
	17+	167	41	0	28	2	0	0	60	1	17	12	4	0	0	2	0	0
	Unknown	73	8	0	7	3	0	0	36	2	6	4	1	0	1	0	5	0
Marital status	Married	1,542	207	6	233	40	17	0	542	17	246	120	77	0	14	15	8	0
	Unmarried	4,760	738	5	612	154	48	1	1,420	58	813	474	343	1	26	25	40	2
	Other*	62	5	0	6	1	0	0	28	1	12	6	1	0	1	1	0	0
Weight gain	None	108	11	1	8	3	1	0	43	0	16	13	12	0	0	0	0	0
	1-15 pounds	1,096	212	0	146	38	9	0	248	7	251	96	72	0	3	1	12	1
	16-20 pounds	923	134	1	108	39	8	1	296	9	168	91	56	1	4	0	7	0
	21-24 pounds	513	121	0	64	9	4	0	173	4	83	35	15	0	2	2	1	0
	25-30 pounds	1,414	169	3	188	40	17	0	451	16	215	137	139	0	7	25	7	0
	31+ pounds	2,193	265	6	323	62	26	0	761	40	306	226	123	0	24	13	17	1
	Unknown	117	38	0	14	4	0	0	18	0	32	2	4	0	1	0	4	0
Substance use	Drinker, nonsmoker	57	8	0	8	4	0	0	10	0	18	7	2	0	0	0	0	0
	Smoker, nondrinker	165	10	2	11	6	0	0	63	13	21	19	15	0	2	2	1	0
	Smoker and drinker	61	7	0	6	5	1	0	18	0	11	4	8	0	1	0	0	0
	Nonsmoker and nondrinker	6,081	925	9	826	180	64	1	1,899	63	1,021	570	396	1	38	39	47	2

4.21
**COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2006**

		TOTAL STATE	APACHE	COCHISE	COCONINO	GILA	GRAHAM	GREENLEE	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	SANTA CRUZ	YAVAPAI	YUMA	LA PAZ	Unknown
Length of gestation	<37 weeks	745	89	3	78	31	11	0	251	12	115	77	63	0	3	4	8	0
	37-41 weeks	5,541	845	8	756	163	54	1	1,722	63	938	521	355	1	36	37	39	2
	42+ weeks	72	15	0	17	1	0	0	16	1	16	1	3	0	2	0	0	0
	Unknown	6	1	0	0	0	0	0	1	0	2	1	0	0	0	0	1	0
Weight at birth	<1,000 grams	26	2	0	2	0	2	0	11	0	3	4	1	0	1	0	0	0
	1,000-1,499	47	9	0	6	2	0	0	14	0	11	2	2	0	0	1	0	0
	1,500-2,499	400	49	2	42	15	4	0	131	4	77	44	26	0	2	1	3	0
	2,500-3,999	5,335	819	7	744	161	52	1	1,618	64	913	493	354	0	36	31	40	2
	4000+	554	70	2	56	17	7	0	216	8	67	57	38	1	2	8	5	0
	Unknown	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Prenatal care	No care	223	25	1	13	11	4	0	75	3	33	22	32	0	1	1	2	0
	1st trimester	4,196	552	8	593	113	40	1	1,423	54	622	409	303	1	24	19	34	0
	2nd trimester	1,489	277	2	204	52	19	0	379	13	319	129	58	0	10	17	9	1
	3rd trimester	445	93	0	37	19	2	0	111	6	96	39	28	0	6	4	3	1
	Unknown	11	3	0	4	0	0	0	2	0	1	1	0	0	0	0	0	0
Prenatal visits	No visits	223	25	1	13	11	4	0	75	3	33	22	32	0	1	1	2	0
	1-4 visits	619	118	0	70	30	19	0	158	4	136	44	28	0	4	2	6	0
	5-8 visits	1,658	256	4	202	56	26	1	451	15	388	142	75	1	10	11	19	1
	9-12 visits	2,685	371	2	375	75	14	0	949	42	385	243	180	0	16	19	13	1
	13+ visits	1,165	179	4	188	23	2	0	352	11	127	148	106	0	9	8	8	0
	Unknown	14	1	0	3	0	0	0	5	1	2	1	0	0	1	0	0	0
Newborn intensive care	Yes	308	30	1	54	13	4	0	105	1	58	16	18	0	3	5	0	0
	No	5,987	877	10	790	182	61	1	1,884	73	1,000	583	403	1	38	36	48	0
	Unknown	69	43	0	7	0	0	0	1	2	13	1	0	0	0	0	0	2
Obstetric procedures	Amniocentesis	43	6	0	6	0	1	0	19	0	6	1	3	0	1	0	0	0
	Electronic Fetal Monitoring	5,899	856	7	824	172	16	0	1,907	65	920	589	414	1	40	41	45	2
	Induction of labor	961	139	2	186	48	0	0	336	15	169	24	30	0	6	5	1	0
	Stimulation of labor	1,158	140	0	195	38	1	0	508	8	191	40	26	0	5	0	5	1
	Tocolysis	43	9	0	7	0	0	0	8	1	16	0	2	0	0	0	0	0
	Ultrasound	3,469	529	10	310	62	54	1	824	21	624	565	373	1	32	41	22	0
	Other	564	37	1	21	8	45	1	269	2	155	15	8	0	1	0	1	0
Method of delivery	Vaginal	4,847	743	9	670	140	44	0	1,460	50	849	493	302	1	25	21	38	2
	Vaginal after C-Section	94	33	0	15	0	3	0	19	0	14	7	3	0	0	0	0	0
	Primary C-Section	794	108	1	93	26	12	1	294	14	108	45	61	0	10	13	8	0
	Repeat C-Section	629	66	1	73	29	6	0	217	12	100	55	55	0	6	7	2	0
	Forceps	33	5	0	8	2	0	0	9	0	7	2	0	0	0	0	0	0
	Vacuum	106	7	0	9	16	5	0	34	3	21	8	2	0	0	1	0	0

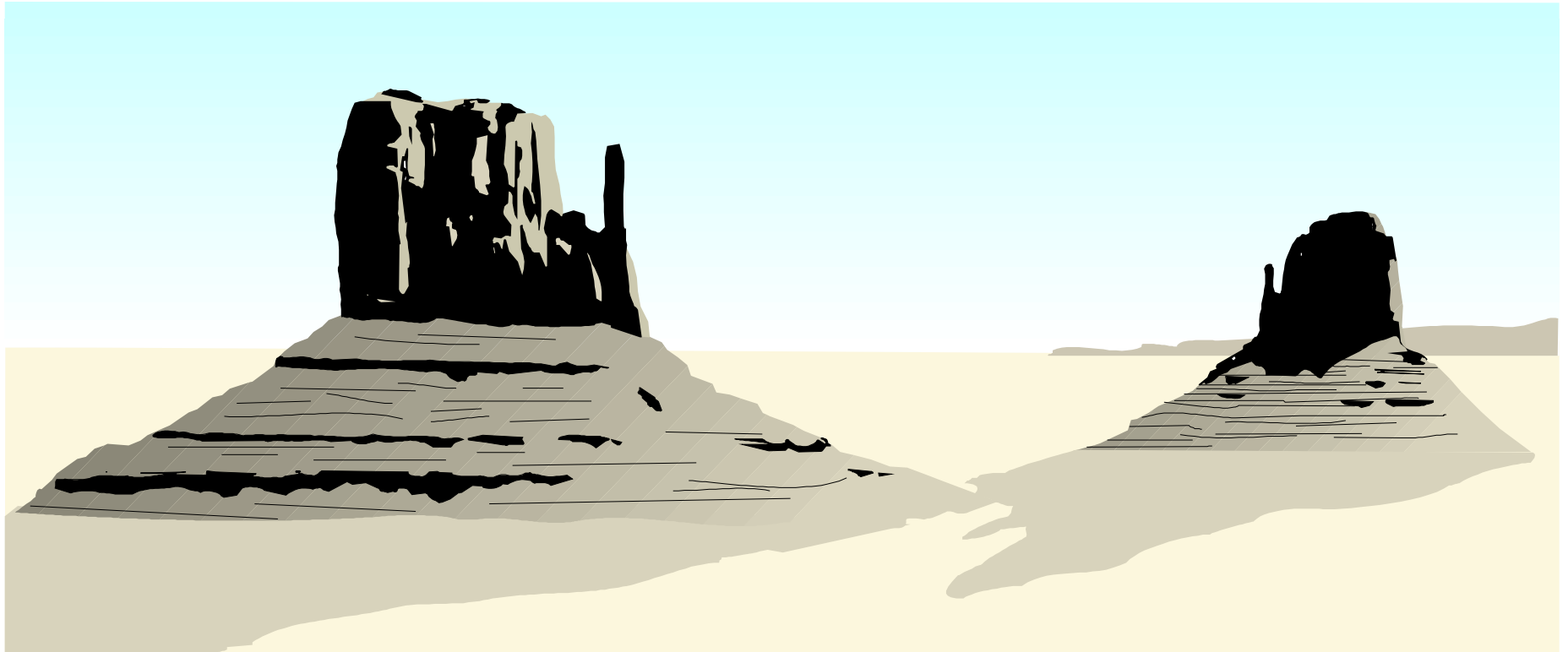
4.21
**COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2006**

		TOTAL STATE	APACHE	COCHISE	COCONINO	GILA	GRAHAM	GREENLEE	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	SANTA CRUZ	YAVAPAI	YUMA	LA PAZ	Unknown
Births with medical risk factors	Total	2,717	375	3	422	101	26	1	908	7	433	287	122	1	11	7	12	1
	Anemia	421	83	0	38	31	3	0	207	2	34	11	8	0	1	0	2	1
	Cardiac disease	14	4	0	1	0	0	0	2	0	5	0	2	0	0	0	0	0
	Lung disease	29	7	0	0	2	0	0	3	1	14	0	2	0	0	0	0	0
	Diabetes	458	70	0	51	18	4	0	142	2	79	54	35	0	1	1	1	0
	Genital herpes	24	5	0	1	0	3	0	7	0	4	2	1	0	0	0	1	0
	Hydramnios	127	30	1	10	6	0	0	38	2	15	23	1	0	0	1	0	0
	Hemoglobinopathy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Chronic hypertension	89	8	0	30	6	6	0	17	1	8	6	6	0	1	0	0	0
	Pregnancy associated hypertension	374	83	2	42	13	2	0	82	1	96	35	12	0	1	4	1	0
	Eclampsia	57	4	0	12	1	4	0	12	1	6	12	3	0	2	0	0	0
	Previous infant 4000+g	63	18	0	5	3	0	0	11	0	24	0	2	0	0	0	0	0
	Previous SGA infant	68	17	0	10	3	0	0	7	0	29	0	2	0	0	0	0	0
	Renal disease	27	2	0	0	1	0	0	0	0	24	0	0	0	0	0	0	0
	RH sensitization	3	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Uterine bleeding	31	4	0	3	1	0	0	9	0	14	0	0	0	0	0	0	0	
Incompetent cervix	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other	1,759	144	2	301	69	17	1	654	2	252	222	76	1	8	2	8	0	
Abnormal conditions of the newborn	Total	381	54	1	32	16	24	1	75	4	91	30	34	0	9	2	8	0
	Anemia	4	0	0	1	1	0	0	0	0	2	0	0	0	0	0	0	0
	Birth injury	20	2	0	1	0	0	0	0	0	17	0	0	0	0	0	0	0
	Fetal Alcohol Syndrome	4	0	0	2	1	0	0	0	0	1	0	0	0	0	0	0	0
	Membrane disease	16	3	0	1	0	0	0	9	0	3	0	0	0	0	0	0	0
	Meconium aspiration	15	5	0	1	0	0	0	5	0	4	0	0	0	0	0	0	0
	Assisted vent. <30 min	50	15	0	9	0	0	0	4	2	6	8	1	0	0	0	5	0
	Assisted vent. >30 min.	47	13	0	1	2	0	0	5	2	20	0	1	0	1	2	0	0
	Newborn seizures	10	0	0	0	0	0	0	1	0	3	2	3	0	1	0	0	0
Other	291	25	1	20	14	24	1	62	2	70	28	29	0	8	2	5	0	
Births with congenital anomalies	Total	79	12	0	15	4	5	0	13	0	21	4	4	0	1	0	0	0
	Anencephalus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Spina bifida/meningocele	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hydrocephalus	1	0	0	0	0	0	0	1	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	0
	Other CNS anomaly	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Heart malformations	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other respiratory/circulatory	11	0	0	0	1	1	0	3	0	5	0	1	0	0	0	0	0
Rectal atresia/stenosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

4.21
**COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2006**

		TOTAL STATE	APACHE	COCHISE	COCONINO	GILA	GRAHAM	GREENLEE	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	SANTA CRUZ	YAVAPAI	YUMA	LA PAZ	Unknown
	Tracheo-esophageal fistula/esophageal atresia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Omphalocele/gastroschisis	3	2	0	0	0	0	0	1	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	0
	Malformed genitalia	3	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0
	Renal agenesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other urogenital	4	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
	Cleft lip/palate	7	0	0	0	0	0	0	4	0	2	0	1	0	0	0	0	0
	Polydactyly/syndactyly/adactyly	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
	Club foot	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Diaphragmatic hernia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other muscoskeletal	4	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
	Down's syndrome	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Other chromosomal	6	1	0	0	0	0	0	0	0	3	1	1	0	0	0	0	0
	Other	45	6	0	13	3	4	0	6	0	7	2	3	0	1	0	0	0
Births with complications	Total	1,954	301	1	231	60	29	1	698	5	350	157	80	0	18	19	4	0
	Febrile	107	25	0	10	0	0	0	40	0	20	3	9	0	0	0	0	0
	Meconium	284	50	0	24	9	0	0	93	0	51	37	13	0	1	5	1	0
	Rupture of membrane	234	60	0	21	3	1	0	72	0	51	19	4	0	1	2	0	0
	Abruptio placenta	32	3	0	2	1	0	0	9	1	7	6	2	0	1	0	0	0
	Placenta previa	9	0	0	2	0	0	0	4	0	1	2	0	0	0	0	0	0
	Other bleeding	80	16	0	11	5	1	0	29	0	16	0	2	0	0	0	0	0
	Seizures	3	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0
	Precipitous labor	75	19	0	14	8	1	0	19	0	9	1	4	0	0	0	0	0
	Prolonged labor	100	21	0	17	3	1	0	30	0	21	6	1	0	0	0	0	0
	Dysfunctional labor	157	32	0	33	2	0	0	39	1	46	2	2	0	0	0	0	0
	Breech malpresentation	201	25	0	30	5	1	0	71	2	43	5	14	0	2	1	2	0
	Cephalopelvic disproportion.	45	6	0	3	1	3	1	13	1	16	1	0	0	0	0	0	0
	Cord prolapse	9	2	0	3	0	0	0	1	0	1	1	1	0	0	0	0	0
	Anesthetic complications	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Fetal distress	220	46	0	19	9	3	0	44	1	65	21	8	0	2	2	0	0	
Other	1,015	82	1	103	34	25	0	436	3	178	84	40	0	16	12	1	0	
Infant mortality	Total	41	4	0	4	1	2	0	13	0	9	5	3	0	0	0	0	0
	Neonatal	26	3	0	3	1	2	0	9	0	4	2	2	0	0	0	0	0
	Postneonatal	15	1	0	1	0	0	0	4	0	5	3	1	0	0	0	0	0

*'Refused', 'Yes, divorced', 'Unknown'



V.
**PATTERNS OF MORTALITY AMONG AMERICAN INDIANS
BY PLACE OF RESIDENCE IN ARIZONA
IN 2006**



AGE-SPECIFIC MORTALITY

5.1
AGE-SPECIFIC MORTALITY AMONG AMERICAN INDIANS IN 2006

		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		1,543	41	19	12	121	123	188	216	217	200	215	191
Resided on reservation	Cocopah Tribe	4	0	0	0	0	1	0	0	2	0	1	0
	Colorado River Indian Tribes	13	0	0	0	0	1	2	3	2	2	1	2
	Fort McDowell Yavapai Nation	6	0	0	0	1	0	1	1	0	2	0	1
	Fort Yuma Quechan Tribe	1	0	0	0	0	0	0	1	0	0	0	0
	Gila River Indian Community	106	1	1	3	14	5	16	12	19	13	10	12
	Havasupai Tribe	1	0	0	0	0	0	0	0	0	0	0	1
	Hopi Tribe	80	0	2	1	5	11	10	9	13	11	9	9
	Hualapai Nation	10	0	0	0	2	1	0	3	2	1	1	0
	Kaibab-Paiute Tribe	1	0	0	0	1	0	0	0	0	0	0	0
	Navajo Nation	432	8	5	3	25	30	46	55	47	52	72	89
	Pascua Yaqui Tribe	61	4	0	0	3	5	9	9	11	9	6	5
	Salt River Pima-Maricopa Community	26	0	0	1	3	3	7	4	5	3	0	0
	San Carlos Apache Tribe	50	3	0	0	2	4	8	6	6	9	7	5
	Tohono O'Odham Tribe	127	2	0	0	8	10	16	20	20	24	18	9
	White Mountain Apache Tribe	98	4	2	1	22	8	10	10	14	12	7	8
	Yavapai-Apache Nation	3	0	0	1	0	0	0	1	1	0	0	0
	Yavapai-Prescott Indian Tribe	2	0	0	0	0	0	1	0	0	0	1	0
TOTAL	1,021	22	10	10	86	79	126	134	142	138	133	141	
Resided off reservation	---in Maricopa County	243	10	7	1	13	22	30	42	36	31	30	21
	---in Pima County	70	2	0	0	7	8	11	8	13	6	10	5
	---in Coconino County	73	3	1	1	8	4	7	8	12	7	13	9
	---elsewhere in Arizona	136	4	1	0	7	10	14	24	14	18	29	15
	TOTAL	522	19	9	2	35	44	62	82	75	62	82	50

5.2

AGE-SPECIFIC MORTALITY AMONG AMERICAN INDIAN MALES IN 2006

		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		901	28	11	4	87	89	135	136	133	92	104	82
Resided on reservation	Cocopah Tribe	1	0	0	0	0	0	0	0	0	0	1	0
	Colorado River Indian Tribes	7	0	0	0	0	1	1	1	2	2	0	0
	Fort Yuma Quechan Tribe	1	0	0	0	0	0	0	1	0	0	0	0
	Gila River Indian Community	56	0	1	0	9	4	10	9	10	5	2	6
	Hopi Tribe	42	0	2	0	5	5	6	5	8	5	3	3
	Hualapai Nation	6	0	0	0	2	0	0	3	1	0	0	0
	Kaibab-Paiute Tribe	1	0	0	0	1	0	0	0	0	0	0	0
	Navajo Nation	263	6	4	1	17	21	33	39	33	25	39	45
	Pascua Yaqui Tribe	37	1	0	0	3	5	8	4	5	4	4	3
	Salt River Pima-Maricopa Community	15	0	0	0	2	3	4	2	4	0	0	0
	San Carlos Apache Tribe	26	1	0	0	1	4	6	2	3	3	2	4
	Tohono O'Odham Tribe	80	2	0	0	5	9	12	8	15	13	12	4
	White Mountain Apache Tribe	56	3	2	1	15	6	6	6	6	6	3	2
	Yavapai-Apache Nation	2	0	0	1	0	0	0	0	1	0	0	0
TOTAL	593	13	9	3	60	58	86	80	88	63	66	67	
Resided off reservation	---in Maricopa County	143	8	2	0	10	18	23	29	20	14	11	8
	---in Pima County	46	2	0	0	5	3	10	6	9	4	6	1
	---in Coconino County	44	3	0	1	7	3	5	3	9	3	7	3
	---elsewhere in Arizona	75	2	0	0	5	7	11	18	7	8	14	3
	TOTAL	308	15	2	1	27	31	49	56	45	29	38	15

5.3

AGE-SPECIFIC MORTALITY AMONG AMERICAN INDIAN FEMALES IN 2006

		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		642	13	8	8	34	34	53	80	84	108	111	109
Resided on reservation	Cocopah Tribe	3	0	0	0	0	1	0	0	2	0	0	0
	Colorado River Indian Tribes	6	0	0	0	0	0	1	2	0	0	1	2
	Fort McDowell Yavapai Nation	6	0	0	0	1	0	1	1	0	2	0	1
	Gila River Indian Community	50	1	0	3	5	1	6	3	9	8	8	6
	Havasupai Tribe	1	0	0	0	0	0	0	0	0	0	0	1
	Hopi Tribe	38	0	0	1	0	6	4	4	5	6	6	6
	Hualapai Nation	4	0	0	0	0	1	0	0	1	1	1	0
	Navajo Nation	169	2	1	2	8	9	13	16	14	27	33	44
	Pascua Yaqui Tribe	24	3	0	0	0	0	1	5	6	5	2	2
	Salt River Pima-Maricopa Community	11	0	0	1	1	0	3	2	1	3	0	0
	San Carlos Apache Tribe	24	2	0	0	1	0	2	4	3	6	5	1
	Tohono O'Odham Tribe	47	0	0	0	3	1	4	12	5	11	6	5
	White Mountain Apache Tribe	42	1	0	0	7	2	4	4	8	6	4	6
	Yavapai-Apache Nation	1	0	0	0	0	0	0	1	0	0	0	0
	Yavapai-Prescott Indian Tribe	2	0	0	0	0	0	1	0	0	0	1	0
TOTAL	428	9	1	7	26	21	40	54	54	75	67	74	
Resided off reservation	---in Maricopa County	100	2	5	1	3	4	7	13	16	17	19	13
	---in Pima County	24	0	0	0	2	5	1	2	4	2	4	4
	---in Coconino County	29	0	1	0	1	1	2	5	3	4	6	6
	---elsewhere in Arizona	61	2	1	0	2	3	3	6	7	10	15	12
	TOTAL	214	4	7	1	8	13	13	26	30	33	44	35



CAUSE-SPECIFIC MORTALITY

5.4

DEATHS BY GENDER FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2006

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Total, all causes	1543	901	642
Salmonella infections	0	0	0
Shigellosis and amebiasis	0	0	0
Certain other intestinal infections	6	5	1
Tuberculosis	4	0	4
Respiratory tuberculosis	1	0	1
Other tuberculosis	3	0	3
Whooping cough	0	0	0
Scarlet fever and erysipelas	0	0	0
Meningococcal infection	0	0	0
Septicemia	32	14	18
Syphilis	0	0	0
Acute poliomyelitis	0	0	0
Arthropod-borne encephalitis	0	0	0
Measles	0	0	0
Viral hepatitis	5	5	0
Human immunodeficiency virus (HIV) disease	5	5	0
Malaria	0	0	0
Other and unspecified infectious and parasitic diseases	7	4	3
Malignant neoplasms	149	65	84
Malignant neoplasm of lip, oral cavity and pharynx	3	2	1
Malignant neoplasm of esophagus	4	3	1
Malignant neoplasm of stomach	15	12	3
Malignant neoplasm of colon, rectum and anus	9	3	6
Malignant neoplasm of liver and intrahepatic bile ducts	9	5	4
Malignant neoplasm of pancreas	12	5	7
Malignant neoplasm of larynx	1	1	0
Malignant neoplasm of trachea, bronchus and lung	8	3	5
Malignant melanoma of skin	1	1	0
Malignant neoplasm of breast	8	0	8
Malignant neoplasm of cervix uteri	8	0	8
Malignant neoplasm of corpus uteri and uterus, part unspecified	2	0	2
Malignant neoplasm of ovary	1	0	1
Malignant neoplasm of prostate	10	10	0
Malignant neoplasm of kidney and renal pelvis	4	2	2
Malignant neoplasm of bladder	1	0	1

5.4 (continued)

DEATHS BY GENDER FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2006

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Malignant neoplasm of meninges, brain and other parts of CNS	2	2	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	20	7	13
Hodgkin's disease	0	0	0
Non-Hodgkin's lymphoma	8	2	6
Leukemia	5	2	3
Multiple myeloma and immunoproliferative neoplasms	7	3	4
Other and unspecified malignant neoplasms of lymphoid tissue	0	0	0
All other and unspecified malignant neoplasm	31	9	22
In situ neoplasms	8	4	4
Anemias	0	0	0
Diabetes	84	43	41
Nutritional deficiencies	2	1	1
Malnutrition	2	1	1
Other nutritional deficiencies	0	0	0
Meningitis	0	0	0
Parkinson's disease	10	2	8
Alzheimer's disease	20	8	12
Major cardiovascular diseases	285	165	120
Diseases of heart	221	133	88
Acute rheumatic fever and chronic rheumatic heart disease	1	0	1
Hypertensive heart disease	14	9	5
Hypertensive heart and renal disease	0	0	0
Ischemic heart disease	149	90	59
Acute myocardial infarction	56	35	21
Other acute ischemic heart disease	1	1	0
Other forms of chronic ischemic heart disease	92	54	38
Atherosclerotic cardiovascular disease	36	25	11
All other forms of chronic ischemic heart disease	56	29	27
Other heart diseases	57	34	23
Acute and subacute endocarditis	1	1	0
Diseases of pericardium and acute myocarditis	0	0	0
Heart failure	17	7	10
All other forms of heart disease	39	26	13
Essential (primary) hypertension and hypertensive renal disease	16	8	8
Cerebrovascular diseases	44	23	21

5.4 (continued)

DEATHS BY GENDER FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2006

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Atherosclerosis	1	0	1
Other diseases of circulatory system	3	1	2
Aortic aneurysm and dissection	0	0	0
Other disease of arteries, arterioles and capillaries	3	1	2
Other disorders of circulatory system	2	0	2
Influenza and pneumonia	56	31	25
Influenza	2	1	1
Pneumonia	54	30	24
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	16	5	11
Bronchitis, chronic and unspecified	0	0	0
Emphysema	1	0	1
Asthma	4	1	3
Other chronic lower respiratory diseases	11	4	7
Pneumoconioses and chemical effects	0	0	0
Pneumonitis due to solids and liquids	7	5	2
Other disease of respiratory system	25	14	11
Peptic ulcer	2	2	0
Diseases of appendix	1	1	0
Hernia	0	0	0
Chronic liver disease and cirrhosis	104	64	40
Alcoholic liver disease	73	50	23
Other chronic liver disease and cirrhosis	31	14	17
Cholelithiasis and other disorders of gallbladder	6	5	1
Nephritis, nephrotic syndrome and nephrosis	45	23	22
Acute and rapidly progressive nephritic and nephrotic syndrome	0	0	0
Chronic glomerulonephritis	1	0	1
Renal failure	44	23	21
Others disorders of kidney	0	0	0
Infections of kidney	0	0	0
Hyperplasia of prostate	0	0	0
Inflammatory diseases of female pelvic organs	0	0	0
Pregnancy, childbirth and the puerperium	2	0	2

5.4 (continued)

DEATHS BY GENDER FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2006

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Pregnancy with abortive outcome	1	0	1
Other complications of pregnancy, childbirth and the puerperium	1	0	1
Perinatal conditions	20	10	10
Congenital anomalies, deformations and chromosomal abnormalities	16	13	3
Symptoms, signs, abnormal findings	29	20	9
Total accidents	273	189	84
Transport accidents	187	124	63
Motor vehicle accidents	172	113	59
Other land transport accidents	10	8	2
Water, air, space	5	3	2
Nontransport accidents	86	65	21
Falls	20	11	9
Accidental discharge of firearms	0	0	0
Accidental drowning and submersion	5	4	1
Accidental exposure to smoke, fire and flames	3	3	0
Accidental poisoning	22	17	5
Other and unspecified nontransport accidents	36	30	6
Intentional self-harm (suicide)	49	40	9
By discharge of firearms	14	13	1
By other means	35	27	8
Assault (homicide)	48	42	6
By discharge of firearms	15	15	0
By other means	33	27	6
Legal intervention	2	2	0
Events of undetermined intent	16	13	3
Discharge of firearms	2	2	0
Other and unspecified events of undetermined intent	14	11	3
Operations of war	0	0	0
Complications of medical and surgical care	1	0	1
INJURY BY FIREARMS	33	32	1
DRUG-INDUCED DEATHS	30	19	11
ALCOHOL-INDUCED DEATHS	123	91	32

5.5

DEATHS BY AGE GROUP FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2006

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	1,543	41	19	12	121	123	188	216	217	200	215	191
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	6	0	0	0	0	0	0	1	1	2	1	1
Tuberculosis	4	0	0	0	0	0	0	1	1	0	1	1
Respiratory tuberculosis	1	0	0	0	0	0	0	0	0	0	1	0
Other tuberculosis	3	0	0	0	0	0	0	1	1	0	0	1
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	32	1	1	0	1	1	2	4	4	6	8	4
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	5	0	0	0	0	0	3	1	1	0	0	0
Human immunodeficiency virus (HIV) disease	5	0	0	0	0	1	2	2	0	0	0	0
Malaria	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases	7	0	0	0	0	0	2	0	2	2	0	1
Malignant neoplasms	149	0	0	0	3	5	10	15	25	38	34	19
Malignant neoplasm of lip, oral cavity and pharynx	3	0	0	0	0	0	1	0	0	1	0	1
Malignant neoplasm of esophagus	4	0	0	0	0	0	0	0	2	2	0	0
Malignant neoplasm of stomach	15	0	0	0	0	0	1	1	2	3	4	4
Malignant neoplasm of colon, rectum and anus	9	0	0	0	1	0	0	0	4	1	2	1
Malignant neoplasm of liver and intrahepatic bile ducts	9	0	0	0	0	0	1	1	1	2	3	1
Malignant neoplasm of pancreas	12	0	0	0	0	0	0	0	1	4	5	2
Malignant neoplasm of larynx	1	0	0	0	0	0	0	0	1	0	0	0
Malignant neoplasm of trachea, bronchus and lung	8	0	0	0	0	0	0	1	3	0	3	1
Malignant melanoma of skin	1	0	0	0	0	0	0	0	1	0	0	0
Malignant neoplasm of breast	8	0	0	0	0	0	2	2	1	2	1	0
Malignant neoplasm of cervix uteri	8	0	0	0	0	2	2	2	1	1	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	2	0	0	0	0	0	1	0	0	1	0	0
Malignant neoplasm of ovary	1	0	0	0	0	0	0	0	0	0	0	1
Malignant neoplasm of prostate	10	0	0	0	0	0	0	1	1	3	1	4

5.5 (continued)

DEATHS BY AGE GROUP FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2006

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	4	0	0	0	0	0	0	0	1	2	1	0
Malignant neoplasm of bladder	1	0	0	0	0	0	0	0	0	0	0	1
Malignant neoplasm of meninges, brain and other parts of CNS	2	0	0	0	0	0	0	0	0	1	1	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	20	0	0	0	0	1	2	3	2	8	3	1
Hodgkin's disease	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	8	0	0	0	0	0	1	0	1	4	1	1
Leukemia	5	0	0	0	0	1	1	2	0	0	1	0
Multiple myeloma and immunoproliferative neoplasms	7	0	0	0	0	0	0	1	1	4	1	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	31	0	0	0	2	2	0	4	4	7	10	2
In situ neoplasms	8	0	0	0	0	0	1	0	1	2	2	2
Anemias	0	0	0	0	0	0	0	0	0	0	0	0
Diabetes	84	0	0	0	0	1	3	13	25	22	12	8
Nutritional deficiencies	2	0	0	0	0	0	0	0	0	0	0	2
Malnutrition	2	0	0	0	0	0	0	0	0	0	0	2
Other nutritional deficiencies	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
Parkinson's disease	10	0	0	0	0	0	0	1	0	1	4	4
Alzheimer's disease	20	0	0	0	0	0	0	0	0	2	9	9
Major cardiovascular diseases	285	1	1	1	3	5	24	27	48	47	74	54
Diseases of heart	221	1	0	0	2	4	17	20	42	36	61	38
Acute rheumatic fever and chronic rheumatic heart disease	1	0	0	0	0	0	0	0	0	1	0	0
Hypertensive heart disease	14	0	0	0	0	0	0	5	3	4	2	0
Hypertensive heart and renal disease	0	0	0	0	0	0	0	0	0	0	0	0
Ischemic heart disease	149	0	0	0	0	2	9	10	29	24	47	28
Acute myocardial infarction	56	0	0	0	0	2	3	5	9	9	19	9
Other acute ischemic heart disease	1	0	0	0	0	0	0	0	0	0	1	0
Other forms of chronic ischemic heart disease	92	0	0	0	0	0	6	5	20	15	27	19
Atherosclerotic cardiovascular disease	36	0	0	0	0	0	3	3	9	7	10	4
All other forms of chronic ischemic heart disease	56	0	0	0	0	0	3	2	11	8	17	15
Other heart diseases	57	1	0	0	2	2	8	5	10	7	12	10
Acute and subacute endocarditis	1	0	0	0	0	0	1	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	17	0	0	0	0	0	0	0	1	5	7	4
All other forms of heart disease	39	1	0	0	2	2	7	5	9	2	5	6

5.5 (continued)

DEATHS BY AGE GROUP FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2006

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	16	0	0	0	1	0	3	1	2	5	0	4
Cerebrovascular diseases	44	0	1	1	0	1	4	4	4	5	12	12
Atherosclerosis	1	0	0	0	0	0	0	1	0	0	0	0
Other diseases of circulatory system	3	0	0	0	0	0	0	1	0	1	1	0
Aortic aneurysm and dissection	0	0	0	0	0	0	0	0	0	0	0	0
Other disease of arteries, arterioles and capillaries	3	0	0	0	0	0	0	1	0	1	1	0
Other disorders of circulatory system	2	0	0	0	0	0	1	0	0	1	0	0
Influenza and pneumonia	56	0	1	2	1	1	5	4	8	8	11	15
Influenza	2	0	0	1	0	0	1	0	0	0	0	0
Pneumonia	54	0	1	1	1	1	4	4	8	8	11	15
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	16	1	0	2	0	0	0	0	3	5	3	2
Bronchitis, chronic and unspecified	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema	1	0	0	0	0	0	0	0	0	1	0	0
Asthma	4	0	0	2	0	0	0	0	0	1	0	1
Other chronic lower respiratory diseases	11	1	0	0	0	0	0	0	3	3	3	1
Pneumoconioses and chemical effects	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonitis due to solids and liquids	7	0	0	0	0	0	0	0	1	0	2	4
Other disease of respiratory system	25	0	1	1	0	0	4	1	0	7	8	3
Peptic ulcer	2	0	0	0	0	0	1	0	1	0	0	0
Diseases of appendix	1	0	0	0	0	0	0	1	0	0	0	0
Hernia	0	0	0	0	0	0	0	0	0	0	0	0
Chronic liver disease and cirrhosis	104	0	0	0	1	5	23	35	25	10	1	4
Alcoholic liver disease	73	0	0	0	1	5	15	29	18	5	0	0
Other chronic liver disease and cirrhosis	31	0	0	0	0	0	8	6	7	5	1	4
Cholelithiasis and other disorders of gallbladder	6	0	0	0	0	0	0	0	2	3	1	0
Nephritis, nephrotic syndrome and nephrosis	45	0	0	0	2	3	4	5	8	12	2	9
Acute and rapidly progressive nephritic and nephrotic syndrome	0	0	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis	1	0	0	0	0	0	0	0	0	0	1	0
Renal failure	44	0	0	0	2	3	4	5	8	12	1	9
Others disorders of kidney	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney	0	0	0	0	0	0	0	0	0	0	0	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, 2006

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	2	0	0	0	1	1	0	0	0	0	0	0
Pregnancy with abortive outcome	1	0	0	0	0	1	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium	1	0	0	0	1	0	0	0	0	0	0	0
Perinatal conditions	20	20	0	0	0	0	0	0	0	0	0	0
Congenital anomalies, deformations and chromosomal abnormalities	16	9	3	0	1	1	1	0	0	1	0	0
Symptoms, signs, abnormal findings	29	6	2	0	3	3	3	5	1	0	2	4
Total accidents	273	1	7	2	49	58	53	52	27	8	11	5
Transport accidents	187	0	7	2	43	47	31	30	18	3	6	0
Motor vehicle accidents	172	0	5	1	40	44	29	29	16	2	6	0
Other land transport accidents	10	0	2	1	2	1	1	1	1	1	0	0
Water, air, space	5	0	0	0	1	2	1	0	1	0	0	0
Nontransport accidents	86	1	0	0	6	11	22	22	9	5	5	5
Falls	20	0	0	0	0	3	2	5	2	3	2	3
Accidental discharge of firearms	0	0	0	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	5	0	0	0	2	1	0	2	0	0	0	0
Accidental exposure to smoke, fire and flames	3	1	0	0	1	0	0	1	0	0	0	0
Accidental poisoning	22	0	0	0	1	5	12	4	0	0	0	0
Other and unspecified nontransport accidents	36	0	0	0	2	2	8	10	7	2	3	2
Intentional self-harm (suicide)	49	0	0	3	22	13	6	4	0	0	1	0
By discharge of firearms	14	0	0	0	9	3	1	1	0	0	0	0
By other means	35	0	0	3	13	10	5	3	0	0	1	0
Assault (homicide)	48	1	2	0	23	8	7	6	1	0	0	0
By discharge of firearms	15	0	0	0	12	3	0	0	0	0	0	0
By other means	33	1	2	0	11	5	7	6	1	0	0	0
Legal intervention	2	0	0	0	0	2	0	0	0	0	0	0
Events of undetermined intent	16	0	0	1	5	3	3	2	2	0	0	0
Discharge of firearms	2	0	0	0	1	1	0	0	0	0	0	0
Other and unspecified events of undetermined intent	14	0	0	1	4	2	3	2	2	0	0	0
Operations of war	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	1	0	0	0	0	0	1	0	0	0	0	0
INJURY BY FIREARMS	33	0	0	22	9	1	1	0	0	0	0	0
DRUG-INDUCED DEATHS	30	0	0	2	10	13	4	0	0	0	1	0
ALCOHOL-INDUCED DEATHS	123	0	0	3	12	28	43	26	10	1	0	0

5.6

DEATHS BY RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2006

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ALL AMERICAN INDIAN RESIDENTS OF ARIZONA	Resided on reservation																	Resided off reservation					
		Cocopah Tribe	Colorado River Indian Tribes	Fort McDowell Yavapai Nation	Fort Yuma Quechan Tribe	Gila River Indian Community	Havasupai Tribe	Hopi Tribe	Hualapai Nation	Kaibab-Paiute Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima - Maricopa Tribe	Tohono O'odhamTribe	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	1,543	4	13	6	1	106	1	80	10	1	432	61	26	50	127	98	3	2	1,021	243	70	73	136	522
Salmonella infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections	6	0	0	0	0	0	0	0	0	0	1	0	0	1	3	1	0	0	6	0	0	0	0	0
Tuberculosis	4	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	3	1	0	0	0	1
Respiratory tuberculosis	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Other tuberculosis	3	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	3	0	0	0	0	0
Whooping cough	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia	32	0	0	1	0	0	0	1	0	0	14	2	0	0	3	2	0	0	23	2	0	1	6	9
Syphilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne encephalitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	3	1	0	0	4
Human immunodeficiency virus (HIV) disease	5	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	4	1	0	0	0	1
Malaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases	7	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	4	0	0	0	3	3
Malignant neoplasms	149	1	1	1	0	13	0	10	0	0	46	7	3	3	11	8	0	1	105	18	8	5	13	44
Malignant neoplasm of lip, oral cavity and pharynx	3	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	1	0	0	0	1
Malignant neoplasm of esophagus	4	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	1	1	0	0	2
Malignant neoplasm of stomach	15	0	0	0	0	2	0	1	0	0	4	0	0	1	3	1	0	0	12	1	1	0	1	3
Malignant neoplasm of colon, rectum and anus	9	0	0	0	0	0	0	0	0	0	3	0	0	0	1	1	0	0	5	1	1	0	2	4
Malignant neoplasm of liver and intrahepatic bile ducts	9	0	0	1	0	1	0	1	0	0	1	1	0	0	1	0	0	0	6	3	0	0	0	3
Malignant neoplasm of pancreas	12	0	0	0	0	1	0	1	0	0	3	0	1	0	0	1	0	0	7	3	0	2	0	5
Malignant neoplasm of larynx	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Malignant neoplasm of trachea, bronchus and lung	8	0	0	0	0	1	0	1	0	0	3	0	0	0	0	0	0	0	5	1	0	0	2	3
Malignant melanoma of skin	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
Malignant neoplasm of breast	8	0	0	0	0	1	0	1	0	0	2	0	0	0	1	3	0	0	8	0	0	0	0	0
Malignant neoplasm of cervix uteri	8	0	0	0	0	0	0	1	0	0	3	1	0	0	0	0	0	1	6	1	1	0	0	2
Malignant neoplasm of corpus uteri and uterus, part unspecified	2	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0
Malignant neoplasm of ovary	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
Malignant neoplasm of prostate	10	0	1	0	0	0	0	0	0	0	4	2	0	1	1	0	0	0	9	0	0	1	0	1
Malignant neoplasm of kidney and renal pelvis	4	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	1	0	1	2

5.6 (continued)
DEATHS BY RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2006

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ALL AMERICAN INDIAN RESIDENTS OF ARIZONA	Resided on reservation																Resided off reservation					
		Cocopah Tribe	Colorado River Indian Tribes	Fort McDowell Yavapai Nation	Fort Yuma Quechan Tribe	Gila River Indian Community	Havasupai Tribe	Hopi Tribe	Hualapai Nation	Kaibab-Paiute Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima - Maricopa San Carlos Apache Tribe	Tohono O'odhamTribe	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Malignant neoplasm of meninges, brain and other parts of CNS	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	1
Malignant neoplasm of lymphoid, hematopoietic and related tissue	20	1	0	0	0	2	0	0	0	0	6	1	2	0	2	2	0	0	16	1	1	0	2
Hodgkin's disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	8	0	0	0	0	1	0	0	0	0	2	1	1	0	1	0	0	6	0	1	0	1	
Leukemia	5	1	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	4	0	0	0	1	
Multiple myeloma and immunoproliferative neoplasms	7	0	0	0	0	0	0	0	0	0	3	0	1	0	1	1	0	6	1	0	0	1	
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	
All other and unspecified malignant neoplasm	31	0	0	0	0	2	0	3	0	0	11	0	0	1	2	0	0	19	4	1	2	5	
In situ neoplasms	8	0	1	0	0	0	0	0	0	0	1	0	1	0	1	0	0	4	4	0	0	4	
Anemias	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Diabetes	84	0	5	1	1	5	0	3	0	0	16	8	1	7	13	2	0	62	10	5	4	3	
Nutritional deficiencies	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	
Malnutrition	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	
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	
Meningitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Parkinson's disease	10	0	0	0	0	0	0	1	0	0	4	0	0	0	2	0	0	7	3	0	0	3	
Alzheimer's disease	20	0	0	0	0	1	0	1	0	0	3	0	0	1	0	2	0	9	4	2	1	4	
Major cardiovascular diseases	285	2	1	1	0	21	1	10	0	0	78	7	4	12	15	17	0	169	61	17	11	27	
Diseases of heart	221	1	1	0	0	14	0	8	0	0	63	5	4	9	10	15	0	130	51	15	7	18	
Acute rheumatic fever and chronic rheumatic heart disease	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Hypertensive heart disease	14	0	0	0	0	1	0	0	0	0	3	0	0	0	2	0	0	6	8	0	0	8	
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	
Ischemic heart disease	149	1	0	0	0	8	0	7	0	0	37	5	2	8	3	10	0	81	38	9	5	16	
Acute myocardial infarction	56	1	0	0	0	0	0	4	0	0	16	1	0	2	1	4	0	29	14	3	1	9	
Other acute ischemic heart disease	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	
Other forms of chronic ischemic heart disease	92	0	0	0	0	8	0	3	0	0	20	4	2	6	2	6	0	51	24	6	4	7	
Atherosclerotic cardiovascular disease	36	0	0	0	0	3	0	0	0	0	9	2	1	2	1	1	0	19	10	2	1	4	
All other forms of chronic ischemic heart disease	56	0	0	0	0	5	0	3	0	0	11	2	1	4	1	5	0	32	14	4	3	3	
Other heart diseases	57	0	1	0	0	5	0	1	0	0	23	0	2	1	5	5	0	43	5	6	2	1	
Acute and subacute endocarditis	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	
Diseases of pericardium and acute myocarditis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Heart failure	17	0	0	0	0	2	0	1	0	0	7	0	0	0	2	0	0	12	1	2	1	1	
All other forms of heart disease	39	0	1	0	0	3	0	0	0	0	16	0	2	1	2	5	0	30	4	4	1	0	

5.6 (continued)
DEATHS BY RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2006

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ALL AMERICAN INDIAN RESIDENTS OF ARIZONA	Resided on reservation																	Resided off reservation					
		Cocopah Tribe	Colorado River Indian Tribes	Fort McDowell Yavapai Nation	Fort Yuma Quechan Tribe	Gila River Indian Community	Havasupai Tribe	Hopi Tribe	Hualapai Nation	Kaibab-Paiute Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima - Maricopa	San Carlos Apache Tribe	Tohono O'odhamTribe	White Mountain Apache Tribe	Yavapai-Apache Nation	Yavapai-Prescott Indian Tribe	Total	in Maricopa County	in Pima County	in Coconino County	elsewhere in Arizona	Total
Essential (primary) hypertension and hypertensive renal disease	16	0	0	0	0	2	1	0	0	0	3	0	0	1	2	2	0	0	11	3	0	2	0	5
Cerebrovascular diseases	44	1	0	1	0	5	0	2	0	0	11	2	0	1	3	0	0	0	26	6	2	1	9	18
Atherosclerosis	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Other diseases of circulatory system	3	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2	0	0	1	0	1
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
Other disease of arteries, arterioles and capillaries	3	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2	0	0	1	0	1
Other disorders of circulatory system	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	1
Influenza and pneumonia	56	0	0	0	0	6	0	4	0	0	24	1	0	0	4	5	0	0	44	5	2	2	3	12
Influenza	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	1
Pneumonia	54	0	0	0	0	6	0	4	0	0	23	1	0	0	4	5	0	0	43	4	2	2	3	11
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
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
Unspecified acute lower respiratory infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases	16	0	0	0	0	0	0	0	2	0	1	0	1	1	2	2	1	0	10	3	2	0	1	6
Bronchitis, chronic and unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
Asthma	4	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	3	0	0	0	1	1
Other chronic lower respiratory diseases	11	0	0	0	0	0	0	0	2	0	1	0	0	0	1	2	0	0	6	3	2	0	0	5
Pneumoconioses and chemical effects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonitis due to solids and liquids	7	0	0	0	0	1	0	1	0	0	4	0	0	0	0	0	0	0	6	0	0	1	0	1
Other disease of respiratory system	25	0	1	0	0	1	0	3	0	0	7	1	0	0	2	3	0	0	18	2	0	2	3	7
Peptic ulcer	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1
Diseases of appendix	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
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
Chronic liver disease and cirrhosis	104	1	1	0	0	5	0	8	2	0	18	10	6	0	16	4	0	0	71	20	4	6	3	33
Alcoholic liver disease	73	0	1	0	0	3	0	7	0	0	9	4	6	0	14	4	0	0	48	19	1	3	2	25
Other chronic liver disease and cirrhosis	31	1	0	0	0	2	0	1	2	0	9	6	0	0	2	0	0	0	23	1	3	3	1	8
Cholelithiasis and other disorders of gallbladder	6	0	0	0	0	0	0	1	0	0	3	1	0	0	1	0	0	0	6	0	0	0	0	0
Nephritis, nephrotic syndrome and nephrosis	45	0	0	0	0	5	0	2	1	0	13	4	1	1	3	4	0	0	34	2	1	2	6	11
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
Chronic glomerulonephritis	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Renal failure	44	0	0	0	0	5	0	2	1	0	13	4	1	1	3	4	0	0	34	2	1	2	5	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
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, 2006

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ALL AMERICAN INDIAN RESIDENTS OF ARIZONA	Resided on reservation																Resided off reservation							
		Cocopah Tribe	Colorado River Indian Tribes	Fort McDowell Yavapai Nation	Fort Yuma Quechan Tribe	Gila River Indian Community	Havasupai Tribe	Hopi Tribe	Hualapai Nation	Kaibab-Paiute Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima - Maricopa	San Carlos Apache Tribe	Tohono O'Odham Tribe	White Mountain Apache Tribe	Yavapai-Apache Nation	Yavapai-Prescott Indian Tribe	Total	in Maricopa County	in Pima County	in Coconino County	elsewhere in Arizona	Total	
Hyperplasia of prostate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inflammatory diseases of female pelvic organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	1	
Pregnancy with abortive outcome	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	
Other complications of pregnancy, childbirth and the puerperium	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Perinatal conditions	20	0	0	0	0	0	0	0	0	0	2	3	0	3	1	1	0	0	10	5	0	2	3	10	
Congenital anomalies, deformations and chromosomal abnormalities	16	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	6	5	3	2	0	10		
Symptoms, signs, abnormal findings	29	0	0	0	0	2	0	0	0	0	6	1	0	0	4	2	1	16	6	1	0	6	13		
Total accidents	273	0	1	1	0	23	0	17	5	0	90	4	4	8	21	9	0	183	38	10	15	27	90		
Transport accidents	187	0	1	1	0	22	0	12	5	0	59	1	3	5	18	5	0	132	21	6	13	15	55		
Motor vehicle accidents	172	0	1	1	0	22	0	10	5	0	54	1	3	5	18	4	0	124	20	6	12	10	48		
Other land transport accidents	10	0	0	0	0	0	0	1	0	0	2	0	0	0	1	0	0	4	0	0	1	5	6		
Water, air, space	5	0	0	0	0	0	0	1	0	0	3	0	0	0	0	0	0	4	1	0	0	0	1		
Nontransport accidents	86	0	0	0	0	1	0	5	0	0	31	3	1	3	3	4	0	51	17	4	2	12	35		
Falls	20	0	0	0	0	0	0	3	0	0	6	1	0	2	0	1	0	13	2	1	1	3	7		
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		
Accidental drowning and submersion	5	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	3	1	0	1	0	2		
Accidental exposure to smoke, fire and flames	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3		
Accidental poisoning	22	0	0	0	0	1	0	0	0	0	3	1	0	0	2	2	0	9	10	3	0	0	13		
Other and unspecified nontransport accidents	36	0	0	0	0	0	0	2	0	0	20	1	1	1	0	1	0	26	4	0	0	6	10		
Intentional self-harm (suicide)	49	0	0	0	0	5	0	2	0	1	12	2	1	1	0	8	0	32	6	2	3	6	17		
By discharge of firearms	14	0	0	0	0	0	0	0	0	1	2	2	1	0	0	1	0	7	2	2	0	3	7		
By other means	35	0	0	0	0	5	0	2	0	0	10	0	0	1	0	7	0	25	4	0	3	3	10		
Assault (homicide)	48	0	1	0	0	4	0	1	0	0	10	2	1	3	3	9	0	34	13	1	0	0	14		
By discharge of firearms	15	0	0	0	0	1	0	0	0	0	1	2	0	0	2	0	0	6	8	1	0	0	9		
By other means	33	0	1	0	0	3	0	1	0	0	9	0	1	3	1	9	0	28	5	0	0	0	5		
Legal intervention	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2		
Events of undetermined intent	16	0	0	0	0	1	0	0	0	0	5	0	0	0	1	4	0	11	2	2	0	1	5		
Discharge of firearms	2	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2	0	0	0	0	0		
Other and unspecified events of undetermined intent	14	0	0	0	0	1	0	0	0	0	4	0	0	0	0	4	0	9	2	2	0	1	5		
Operations of war	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Complications of medical and surgical care	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1		
INJURY BY FIREARMS	33	0	0	0	0	1	0	0	0	1	4	4	1	0	3	1	0	15	12	3	0	3	18		
DRUG-INDUCED DEATHS	30	0	0	0	0	2	0	1	0	0	1	2	0	0	3	5	0	14	11	5	0	0	16		
ALCOHOL-INDUCED DEATHS	123	0	1	0	0	3	0	12	0	0	25	5	6	2	18	7	0	79	25	3	7	9	44		

5.7

DEATHS BY COUNTY OF RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2006

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
Total, all causes	1,543	257	4	174	42	16	0	310	15	339	225	132	0	8	7	14
Salmonella infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections	6	0	0	0	1	0	0	0	0	2	3	0	0	0	0	0
Tuberculosis	4	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0
Respiratory tuberculosis	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Other tuberculosis	3	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0
Whooping cough	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
Meningococcal infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia	32	6	0	4	1	0	0	4	0	12	4	0	0	1	0	0
Syphilis	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
Arthropod-borne encephalitis	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
Viral hepatitis	5	0	0	0	0	0	0	4	0	0	1	0	0	0	0	0
Human immunodeficiency virus (HIV) disease	5	2	0	0	0	0	0	1	0	1	1	0	0	0	0	0
Malaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases	7	1	0	0	1	0	0	0	0	2	2	1	0	0	0	0
Malignant neoplasms	149	28	0	16	3	0	0	26	1	33	20	18	0	1	2	1
Malignant neoplasm of lip, oral cavity and pharynx	3	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Malignant neoplasm of esophagus	4	1	0	0	0	0	0	1	0	0	2	0	0	0	0	0
Malignant neoplasm of stomach	15	3	0	1	1	0	0	1	0	3	3	3	0	0	0	0
Malignant neoplasm of colon, rectum and anus	9	2	0	0	0	0	0	1	0	4	1	1	0	0	0	0
Malignant neoplasm of liver and intrahepatic bile ducts	9	0	0	1	0	0	0	4	0	1	2	1	0	0	0	0
Malignant neoplasm of pancreas	12	3	0	3	0	0	0	4	0	1	0	1	0	0	0	0
Malignant neoplasm of larynx	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Malignant neoplasm of trachea, bronchus and lung	8	1	0	2	0	0	0	1	0	1	0	2	0	0	1	0
Malignant melanoma of skin	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of breast	8	1	0	2	0	0	0	0	0	3	1	1	0	0	0	0
Malignant neoplasm of cervix uteri	8	0	0	1	0	0	0	2	0	3	1	0	0	1	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Malignant neoplasm of ovary	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of prostate	10	1	0	1	1	0	0	0	0	3	3	0	0	0	0	1
Malignant neoplasm of kidney and renal pelvis	4	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0
Malignant neoplasm of bladder	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0

5.7 (continued)

DEATHS BY COUNTY OF RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2006

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
Malignant neoplasm of meninges, brain and other parts of CNS	2	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	20	4	0	0	0	0	0	4	1	4	2	4	0	0	1	0
Hodgkin's disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	8	0	0	0	0	0	0	2	1	3	1	1	0	0	0	0
Leukemia	5	1	0	0	0	0	0	0	0	0	1	2	0	0	1	0
Multiple myeloma and immunoproliferative neoplasms	7	3	0	0	0	0	0	2	0	1	0	1	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
All other and unspecified malignant neoplasm	31	9	0	3	1	0	0	5	0	8	3	2	0	0	0	0
In situ neoplasms	8	0	0	0	0	0	0	5	0	1	1	0	0	0	0	1
Anemias	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diabetes	84	10	0	8	7	0	0	17	0	8	21	7	0	0	1	5
Nutritional deficiencies	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Malnutrition	2	0	0	0	0	0	0	0	0	2	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
Meningitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parkinson's disease	10	0	0	3	0	0	0	3	0	2	2	0	0	0	0	0
Alzheimer's disease	20	3	0	1	2	0	0	4	0	6	2	1	0	1	0	0
Major cardiovascular diseases	285	51	3	26	7	6	0	71	1	55	34	28	0	0	2	1
Diseases of heart	221	41	1	16	5	4	0	58	0	48	28	18	0	0	1	1
Acute rheumatic fever and chronic rheumatic heart disease	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease	14	3	0	0	0	0	0	8	0	0	2	1	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	149	26	1	10	5	3	0	42	0	34	15	12	0	0	1	0
Acute myocardial infarction	56	14	1	2	1	1	0	15	0	15	4	2	0	0	1	0
Other acute ischemic heart disease	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Other forms of chronic ischemic heart disease	92	12	0	7	4	2	0	27	0	19	11	10	0	0	0	0
Atherosclerotic cardiovascular disease	36	4	0	1	1	1	0	12	0	8	4	5	0	0	0	0
All other forms of chronic ischemic heart disease	56	8	0	6	3	1	0	15	0	11	7	5	0	0	0	0
Other heart diseases	57	11	0	6	0	1	0	8	0	14	11	5	0	0	0	1
Acute and subacute endocarditis	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Diseases of pericardium and acute myocarditis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heart failure	17	2	0	4	0	0	0	2	0	3	4	2	0	0	0	0
All other forms of heart disease	39	9	0	2	0	1	0	6	0	11	6	3	0	0	0	1
Essential (primary) hypertension and hypertensive renal disease	16	1	0	5	1	1	0	3	0	1	2	2	0	0	0	0
Cerebrovascular diseases	44	8	2	4	0	1	0	9	1	6	4	8	0	0	1	0

5.7 (continued)

DEATHS BY COUNTY OF RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2006

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
Atherosclerosis	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Other diseases of circulatory system	3	1	0	1	1	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	3	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
Other disorders of circulatory system	2	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
Influenza and pneumonia	56	12	0	8	0	0	0	6	0	17	6	6	0	0	1	0
Influenza	2	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
Pneumonia	54	12	0	7	0	0	0	5	0	17	6	6	0	0	1	0
Other acute lower respiratory infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchiolitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unspecified acute lower respiratory infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases	16	2	0	0	0	1	0	4	2	2	4	0	0	1	0	0
Bronchitis, chronic and unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Asthma	4	1	0	0	0	1	0	1	0	0	0	0	0	1	0	0
Other chronic lower respiratory diseases	11	1	0	0	0	0	0	3	2	2	3	0	0	0	0	0
Pneumoconioses and chemical effects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonitis due to solids and liquids	7	1	0	1	0	0	0	0	0	4	0	1	0	0	0	0
Other disease of respiratory system	25	7	0	3	0	0	0	4	0	7	2	1	0	0	0	1
Peptic ulcer	2	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
Diseases of appendix	1	0	0	0	0	0	0	1	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	104	9	0	12	1	0	0	29	2	14	27	7	0	0	1	2
Alcoholic liver disease	73	4	0	7	1	0	0	28	0	11	16	4	0	0	0	2
Other chronic liver disease and cirrhosis	31	5	0	5	0	0	0	1	2	3	11	3	0	0	1	0
Cholelithiasis and other disorders of gallbladder	6	2	0	0	0	0	0	0	0	2	2	0	0	0	0	0
Nephritis, nephrotic syndrome and nephrosis	45	12	0	3	0	1	0	5	1	11	6	5	0	1	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
Chronic glomerulonephritis	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Renal failure	44	11	0	3	0	1	0	5	1	11	6	5	0	1	0	0
Others disorders of kidney	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hyperplasia of prostate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inflammatory diseases of female pelvic organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium	2	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0
Pregnancy with abortive outcome	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0

5.7 (continued)

DEATHS BY COUNTY OF RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2006

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
Other complications of pregnancy, childbirth and the puerperium	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Perinatal conditions	20	1	0	2	1	2	0	8	0	3	1	2	0	0	0	0
Congenital anomalies, deformations and chromosomal abnormalities	16	2	0	2	0	0	0	5	0	4	3	0	0	0	0	0
Symptoms, signs, abnormal findings	29	4	0	2	0	0	0	6	1	7	6	2	0	1	0	0
Total accidents	273	49	0	42	8	2	0	45	5	60	34	27	0	0	0	1
Transport accidents	187	29	0	34	5	1	0	27	5	36	24	25	0	0	0	1
Motor vehicle accidents	172	23	0	33	5	1	0	26	5	31	24	23	0	0	0	1
Other land transport accidents	10	3	0	1	0	0	0	0	0	4	0	2	0	0	0	0
Water, air, space	5	3	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Nontransport accidents	86	20	0	8	3	1	0	18	0	24	10	2	0	0	0	0
Falls	20	4	0	3	2	0	0	2	0	6	2	1	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	5	2	0	1	0	0	0	1	0	0	1	0	0	0	0	0
Accidental exposure to smoke, fire and flames	3	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Accidental poisoning	22	0	0	1	0	0	0	10	0	4	6	1	0	0	0	0
Other and unspecified nontransport accidents	36	13	0	3	1	1	0	5	0	12	1	0	0	0	0	0
Intentional self-harm (suicide)	49	5	1	8	1	0	0	7	1	16	4	6	0	0	0	0
By discharge of firearms	14	1	0	0	0	0	0	3	1	5	4	0	0	0	0	0
By other means	35	4	1	8	1	0	0	4	0	11	0	6	0	0	0	0
Assault (homicide)	48	7	0	1	2	1	0	17	0	12	4	3	0	0	0	1
By discharge of firearms	15	1	0	0	0	0	0	11	0	0	3	0	0	0	0	0
By other means	33	6	0	1	2	1	0	6	0	12	1	3	0	0	0	1
Legal intervention	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Events of undetermined intent	16	3	0	2	0	0	0	2	0	5	3	1	0	0	0	0
Discharge of firearms	2	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0
Other and unspecified events of undetermined intent	14	3	0	1	0	0	0	2	0	5	2	1	0	0	0	0
Operations of war	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
INJURY BY FIREARMS	33	2	0	1	0	0	0	16	1	5	8	0	0	0	0	0
DRUG-INDUCED DEATHS	30	0	0	1	0	0	0	12	0	6	9	2	0	0	0	0
ALCOHOL-INDUCED DEATHS	123	12	0	16	3	0	0	34	0	27	23	6	0	0	0	2

5.8

DEATHS FROM MOTOR VEHICLE-RELATED INJURIES AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE, GENDER AND AGE GROUP, ARIZONA, 2006

		TOTAL	Resided on reservation											Resided off reservation					
			Colorado River Indian Tribes	Fort McDowell Yavapai Nation	Gila River Indian Community	Hopi Tribe	Hualapai Nation	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Community	San Carlos Apache Tribe	Tohono O'odham Tribe	White Mountain Apache Tribe	TOTAL	---in Maricopa County	---in Pima County	---in Coconino County	---elsewhere in Arizona	TOTAL
TOTAL	ALL AGES	172	1	1	22	10	5	54	1	3	5	18	4	124	20	6	12	10	48
	1-4	5	0	0	0	0	0	3	0	0	0	0	0	3	1	0	1	0	2
	5-14	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
	15-24	40	0	1	8	4	2	9	0	1	1	3	3	32	1	2	3	2	8
	25-34	44	0	0	3	4	1	14	0	0	3	6	1	32	5	3	2	2	12
	35-44	29	1	0	8	0	0	9	1	1	1	2	0	23	2	0	2	2	6
	45-54	29	0	0	2	0	2	10	0	1	0	4	0	19	6	1	1	2	10
	55-64	16	0	0	0	1	0	5	0	0	0	2	0	8	4	0	3	1	8
	65-74	2	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1
75-84	6	0	0	1	0	0	4	0	0	0	0	0	5	1	0	0	0	1	
M	ALL AGES	113	1	0	13	6	4	37	1	1	5	14	1	83	12	3	8	7	30
	1-4	2	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0
	15-24	26	0	0	4	4	2	7	0	0	1	1	1	20	0	1	3	2	6
	25-34	31	0	0	2	2	0	10	0	0	3	6	0	23	4	1	2	1	8
	35-44	19	1	0	5	0	0	6	1	0	1	2	0	16	1	0	0	2	3
	45-54	22	0	0	2	0	2	7	0	1	0	2	0	14	5	1	1	1	8
	55-64	10	0	0	0	0	0	3	0	0	0	2	0	5	2	0	2	1	5
	65-74	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
	75-84	2	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0
F	ALL AGES	59	0	1	9	4	1	17	0	2	0	4	3	41	8	3	4	3	18
	1-4	3	0	0	0	0	0	1	0	0	0	0	0	1	1	0	1	0	2
	5-14	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
	15-24	14	0	1	4	0	0	2	0	1	0	2	2	12	1	1	0	0	2
	25-34	13	0	0	1	2	1	4	0	0	0	0	1	9	1	2	0	1	4
	35-44	10	0	0	3	0	0	3	0	1	0	0	0	7	1	0	2	0	3
	45-54	7	0	0	0	0	0	3	0	0	0	2	0	5	1	0	0	1	2
	55-64	6	0	0	0	1	0	2	0	0	0	0	0	3	2	0	1	0	3
	65-74	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
75-84	4	0	0	1	0	0	2	0	0	0	0	0	3	1	0	0	0	1	

5.9

INTENTIONAL SELF-HARM (SUICIDE) AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE,
GENDER AND AGE GROUP, ARIZONA, 2006

		TOTAL	Resided on reservation									Resided off reservation				
			Gila River Indian Community	Hopi Tribe	Kaibab-Paiute Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Community	San Carlos Apache Tribe	White Mountain Apache Tribe	TOTAL	---in Maricopa County	---in Pima County	---in Coconino County	---elsewhere in Arizona	TOTAL
TOTAL	ALL AGES	49	5	2	1	12	2	1	1	8	32	6	2	3	6	17
	5-14	3	2	0	0	1	0	0	0	0	3	0	0	0	0	0
	15-24	22	1	1	1	3	1	1	1	6	15	2	1	2	2	7
	25-34	13	1	0	0	2	1	0	0	2	6	4	1	0	2	7
	35-44	6	0	1	0	4	0	0	0	0	5	0	0	1	0	1
	45-54	4	1	0	0	1	0	0	0	0	2	0	0	0	2	2
	75-84	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0
M	ALL AGES	40	2	1	1	11	2	1	0	7	25	4	2	3	6	15
	5-14	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	15-24	18	0	1	1	2	1	1	0	6	12	1	1	2	2	6
	25-34	11	1	0	0	2	1	0	0	1	5	3	1	0	2	6
	35-44	5	0	0	0	4	0	0	0	0	4	0	0	1	0	1
	45-54	4	1	0	0	1	0	0	0	0	2	0	0	0	2	2
	75-84	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0
F	ALL AGES	9	3	1	0	1	0	0	1	1	7	2	0	0	0	2
	5-14	2	2	0	0	0	0	0	0	0	2	0	0	0	0	0
	15-24	4	1	0	0	1	0	0	1	0	3	1	0	0	0	1
	25-34	2	0	0	0	0	0	0	0	1	1	1	0	0	0	1
	35-44	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0

**5.10
ASSAULT (HOMICIDE) AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE, GENDER AND AGE GROUP,
ARIZONA, 2006**

		TOTAL	Resided on reservation										Resided off reservation		
			Colorado River Indian Tribes	Gila River Indian Community	Hopi Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Community	San Carlos Apache Tribe	Tohono O'Odham Tribe	White Mountain Apache Tribe	TOTAL	---in Maricopa County	---in Pima County	TOTAL
TOTAL	ALL AGES	48	1	4	1	10	2	1	3	3	9	34	13	1	14
	<1	1	0	0	0	1	0	0	0	0	0	1	0	0	0
	1-4	2	0	0	1	0	0	0	0	0	0	1	1	0	1
	15-24	23	0	3	0	4	1	0	0	2	5	15	7	1	8
	25-34	8	1	0	0	2	1	1	1	0	0	6	2	0	2
	35-44	7	0	0	0	2	0	0	1	0	2	5	2	0	2
	45-54	6	0	1	0	1	0	0	1	1	2	6	0	0	0
	55-64	1	0	0	0	0	0	0	0	0	0	0	1	0	1
M	ALL AGES	42	1	4	1	9	2	1	3	2	6	29	12	1	13
	<1	1	0	0	0	1	0	0	0	0	0	1	0	0	0
	1-4	2	0	0	1	0	0	0	0	0	0	1	1	0	1
	15-24	19	0	3	0	3	1	0	0	2	2	11	7	1	8
	25-34	8	1	0	0	2	1	1	1	0	0	6	2	0	2
	35-44	6	0	0	0	2	0	0	1	0	2	5	1	0	1
	45-54	5	0	1	0	1	0	0	1	0	2	5	0	0	0
	55-64	1	0	0	0	0	0	0	0	0	0	0	1	0	1
F	ALL AGES	6	0	0	0	1	0	0	0	1	3	5	1	0	1
	15-24	4	0	0	0	1	0	0	0	0	3	4	0	0	0
	35-44	1	0	0	0	0	0	0	0	0	0	0	1	0	1
	45-54	1	0	0	0	0	0	0	0	1	0	1	0	0	0

5.11

DIABETES-RELATED DEATHS AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE, GENDER AND AGE GROUP, ARIZONA, 2006

	TOTAL	Resided on reservation														Resided off reservation					
		Cocopah Tribe	Colorado River Indian Tribes	Fort McDowell Yavapai Nation	Fort Yuma Quechan Tribe	Gila River Indian Community	Hopi Tribe	Hualapai Nation	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Community	San Carlos Apache Tribe	Tohono O'Odham Tribe	White Mountain Apache Tribe	TOTAL	---in Maricopa County	---in Pima County	---in Coconino County	---elsewhere in Arizona	TOTAL	
TOTAL	ALL AGES	191	1	5	1	1	15	10	1	39	16	5	12	21	8	135	22	11	11	12	56
	15-24	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	25-34	2	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	1
	35-44	18	0	0	0	0	2	2	0	4	1	1	2	0	0	12	2	2	1	1	6
	45-54	26	0	1	1	1	4	1	0	3	3	2	1	2	2	21	1	1	1	2	5
	55-64	49	0	2	0	0	5	4	0	10	3	1	2	4	3	34	6	5	3	1	15
	65-74	45	0	1	0	0	1	2	0	10	4	1	3	9	2	33	7	1	1	3	12
	75-84	34	1	1	0	0	0	0	1	8	2	0	3	5	1	22	4	0	3	5	12
	85+	16	0	0	0	0	2	1	0	4	2	0	1	1	0	11	2	1	2	0	5
M	ALL AGES	107	1	3	0	1	9	7	0	25	4	2	8	12	4	76	9	8	8	6	31
	15-24	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	25-34	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	35-44	15	0	0	0	0	2	2	0	3	0	1	2	0	0	10	2	2	1	0	5
	45-54	17	0	0	0	1	4	1	0	3	2	0	0	0	1	12	1	1	1	2	5
	55-64	32	0	2	0	0	2	2	0	7	0	1	2	4	2	22	2	4	3	1	10
	65-74	19	0	1	0	0	0	1	0	6	0	0	1	4	1	14	3	1	1	0	5
	75-84	19	1	0	0	0	0	0	0	6	1	0	2	3	0	13	1	0	2	3	6
	85+	3	0	0	0	0	0	1	0	0	0	0	1	1	0	3	0	0	0	0	0
F	ALL AGES	84	0	2	1	0	6	3	1	14	12	3	4	9	4	59	13	3	3	6	25
	25-34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	35-44	3	0	0	0	0	0	0	0	1	1	0	0	0	0	2	0	0	0	1	1
	45-54	9	0	1	1	0	0	0	0	0	1	2	1	2	1	9	0	0	0	0	0
	55-64	17	0	0	0	0	3	2	0	3	3	0	0	0	1	12	4	1	0	0	5
	65-74	26	0	0	0	0	1	1	0	4	4	1	2	5	1	19	4	0	0	3	7
	75-84	15	0	1	0	0	0	0	1	2	1	0	1	2	1	9	3	0	1	2	6
	85+	13	0	0	0	0	2	0	0	4	2	0	0	0	0	8	2	1	2	0	5

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 (84 in 2006) 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, 2006

		TOTAL	Resided on reservation										Resided off reservation				
			Colorado River Indian Tribes	Gila River Indian Community	Hopi Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Community	San Carlos Apache Tribe	Tohono O'odham Tribe	White Mountain Apache Tribe	TOTAL	---in Maricopa County	---in Pima County	---in Coconino County	---elsewhere in Arizona	TOTAL
TOTAL	ALL AGES	123	1	3	12	25	5	6	2	18	7	79	25	3	7	9	44
	15-24	3	0	0	0	1	0	1	0	0	0	2	0	0	1	0	1
	25-34	12	0	0	4	2	0	1	0	3	0	10	1	0	0	1	2
	35-44	28	0	1	2	8	0	2	2	4	2	21	3	1	1	2	7
	45-54	43	1	1	3	8	2	1	0	4	2	22	14	2	2	3	21
	55-64	26	0	0	3	5	3	1	0	5	2	19	4	0	2	1	7
	65-74	10	0	1	0	1	0	0	0	2	1	5	3	0	0	2	5
75-84	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
M	ALL AGES	91	1	3	8	20	3	5	1	13	4	58	18	3	7	5	33
	15-24	3	0	0	0	1	0	1	0	0	0	2	0	0	1	0	1
	25-34	8	0	0	2	2	0	1	0	2	0	7	1	0	0	0	1
	35-44	21	0	1	1	6	0	2	1	3	2	16	2	1	1	1	5
	45-54	29	1	1	2	5	0	1	0	2	1	13	10	2	2	2	16
	55-64	20	0	0	3	5	3	0	0	4	0	15	3	0	2	0	5
	65-74	9	0	1	0	1	0	0	0	2	1	5	2	0	0	2	4
75-84	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
F	ALL AGES	32	0	0	4	5	2	1	1	5	3	21	7	0	0	4	11
	25-34	4	0	0	2	0	0	0	0	1	0	3	0	0	0	1	1
	35-44	7	0	0	1	2	0	0	1	1	0	5	1	0	0	1	2
	45-54	14	0	0	1	3	2	0	0	2	1	9	4	0	0	1	5
	55-64	6	0	0	0	0	0	1	0	1	2	4	1	0	0	1	2
	65-74	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1



COMPARATIVE CAUSE-SPECIFIC MORTALITY

5.13
Five Leading Causes of Death by Gender Among American Indian Residents
of Arizona in 2006

Rank	Female	Both	Male
1	Diseases of heart 98.1	Diseases of heart 129.4	Diseases of heart 165.1
2	Cancer 79.5	Unintentional injury 97.2	Unintentional injury 139.8
3	Unintentional injury 58.6	Cancer 83.1	Cancer 93.9
4	Diabetes 39.5	Diabetes 43.9	Chronic liver disease and cirrhosis 54.3
5	Chronic liver disease and cirrhosis 32.7	Chronic liver disease and cirrhosis 43.6	Diabetes 49.3

*Number of deaths per 100,000 population age-adjusted to the 2000 U.S. standard.

5.14
Five Leading Causes of Death Among American Indians by Gender and Residence On or Off Reservation, Arizona, 2006

Rank	Female, resided on reservation	Female, resided off reservation	Male, resided on reservation	Male, resided off reservation
1	Unintentional injury 13.6%	Diseases of heart 18.2%	Unintentional injury 21.1%	Unintentional injury 20.8%
2	Cancer 13.6%	Unintentional injury 12.1%	Diseases of heart 13.7%	Diseases of heart 16.9%
3	Diseases of heart 11.4%	Cancer 12.1%	Cancer 7.9%	Chronic liver disease and cirrhosis 7.5%
4	Chronic liver disease and cirrhosis 7.0%	Diabetes 5.1%	Chronic liver disease and cirrhosis 6.9%	Cancer 5.8%
5	Diabetes 7.0%	Chronic liver disease and cirrhosis 4.7%	Diabetes 5.4%	Diabetes 4.9%

*Percent of total deaths in specified group.

5.15
Proportional Mortality* by Type of Cancer and Gender Among American Indians
and All Residents of Arizona, 2000-2006

Rank	Arizona male**	American Indian male	Arizona female**	American Indian female
1	Trachea, bronchus, lung 29.1%	Prostate 12.8%	Trachea, bronchus, lung 26.0%	Breast 12.9%
2	Prostate 10.9%	Lymphoma 11.4%	Breast 15.6%	Lymphoma 12.1%
3	Lymphoma 10.7%	Trachea, bronchus, lung 9.7%	Colon, rectum, anus 9.7%	Ovary 7.5%
4	Colon, rectum, anus 9.6%	Kidney 9.5%	Lymphoma 9.4%	Trachea, bronchus, lung 7.2%
5	Pancreas 5.4%	Liver 9.2%	Ovary 5.9%	Liver 6.6%
6	Leukemia 4.2%	Stomach 8.5%	Pancreas 5.7%	Stomach 6.1%
7	Non-Hodgkin's lymphoma 4.2%	Colon, rectum, anus 7.9%	Non-Hodgkin's lymphoma 4.0%	Pancreas 5.7%
8	Esophagus 3.6%	Pancreas 6.3%	Leukemia 3.5%	Cervix uteri 5.2%
9	Liver 3.4%	Non-Hodgkin's lymphoma 4.1%	Brain 2.4%	Colon, rectum, anus 5.0%
10	Bladder 3.3%	Leukemia 3.8%	Liver 2.2%	Kidney 4.4%

*Percent of cancer deaths in specified group.

**All race/ethnic groups combined.

Note: percentages based on frequency counts in table 5-17.

5.16
Proportional Mortality* by Mechanism of Unintentional Injury and Gender Among
American Indians and All Residents of Arizona, 1996-2006

Rank	Arizona male**	American Indian male	Arizona female**	American Indian female
1	Motor vehicle-related 43.3%	Motor vehicle-related 60.1	Motor vehicle-related 39.3%	Motor vehicle-related 68.5%
2	Poisoning by drugs 18.8%	Poisoning by drugs 6.7%	Falls 28.4	Falls 7.9%
3	Falls 14.1%	Falls 5.7%	Poisoning by drugs 13.4%	Poisoning by drugs 6.1%
4	Drowning 4.0%	Excessive cold 4.9%	Drowning 2.8%	Fire, flames, smoke 2.1%
5	Excessive heat 1.8%	Drowning 3.4%	Misadventure during medical care 2.3%	Drowning 2.1%
6	Fire, flames, smoke 1.6%	Poisoning by gases/vapors 2.2%	Choked on objects other than food 2.2%	Excessive cold 1.7%
7	Choked on object other than food 1.4%	Fire, flames, smoke 1.8%	Fire, flames, smoke 2.0%	Choked on objects other than food 1.4%
8	Mechanical suffocation 1.3%	Mechanical suffocation 1.5%	Choked on food 1.4%	Choked on food 1.1%
9	Accidental discharge of firearms 1.2%	Railway accident 1.4%	Excessive heat 1.2%	Excessive heat 1.1%
10	Choked on food 1.1%	Choked on objects other than food 1.4%	Mechanical suffocation 0.7%	Mechanical suffocation 0.9%

*Percent of unintentional injury deaths in specified group.

**All race/ethnic groups combined.

Note: percentages based on frequency counts in table 5-18.

5.17

**Comparison of Mortality by Specific Type of Cancer by Gender Among American Indians and All Residents*
of Arizona, 2000-2006**

	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Malignant neoplasms, total	65,454	34,978	30,476	1,192	555	637
Malignant neoplasm of lip, oral cavity and pharynx	842	583	259	15	12	3
Malignant neoplasm of esophagus	1,595	1,270	325	20	19	1
Malignant neoplasm of stomach	1,316	799	517	86	47	39
Malignant neoplasm of colon, rectum and anus	6,343	3,373	2,970	76	44	32
Malignant neoplasm of liver and intrahepatic bile ducts	1,853	1,205	648	93	51	42
Malignant neoplasm of pancreas	3,647	1,898	1,749	71	35	36
Malignant neoplasm of larynx	378	303	75	3	2	1
Malignant neoplasm of trachea, bronchus and lung	18,098	10,188	7,910	100	54	46
Malignant melanoma of skin	1,077	759	318	9	6	3
Malignant neoplasm of breast	4,813	50	4,763	82	0	82
Malignant neoplasm of cervix uteri	463	0	463	33	0	33
Malignant neoplasm of corpus uteri and uterus, part unspecified	612	0	612	18	0	18
Malignant neoplasm of ovary	1,802	0	1,802	48	0	48
Malignant neoplasm of prostate	3,808	3,808	0	71	71	0
Malignant neoplasm of kidney and renal pelvis	1,557	992	565	81	53	28
Malignant neoplasm of bladder	1,595	1,143	452	15	7	8
Malignant neoplasm of meninges, brain and other parts of central nervous system	1,605	884	721	21	11	10
Malignant neoplasm of lymphoid, hematopoietic and related tissue	6,616	3,739	2,877	140	63	77
Hodgkin's disease	135	84	51	1	1	0
Non-Hodgkin's lymphoma	2,669	1,453	1,216	47	23	24
Leukemia	2,531	1,477	1,054	49	21	28
Multiple myeloma and immunoproliferative neoplasms	1,275	721	554	43	18	25
Other and unspecified malignant neoplasms of lymphoid tissue	6	4	2	0	0	0
All other and unspecified malignant neoplasms	7,434	3,984	3,450	210	80	130

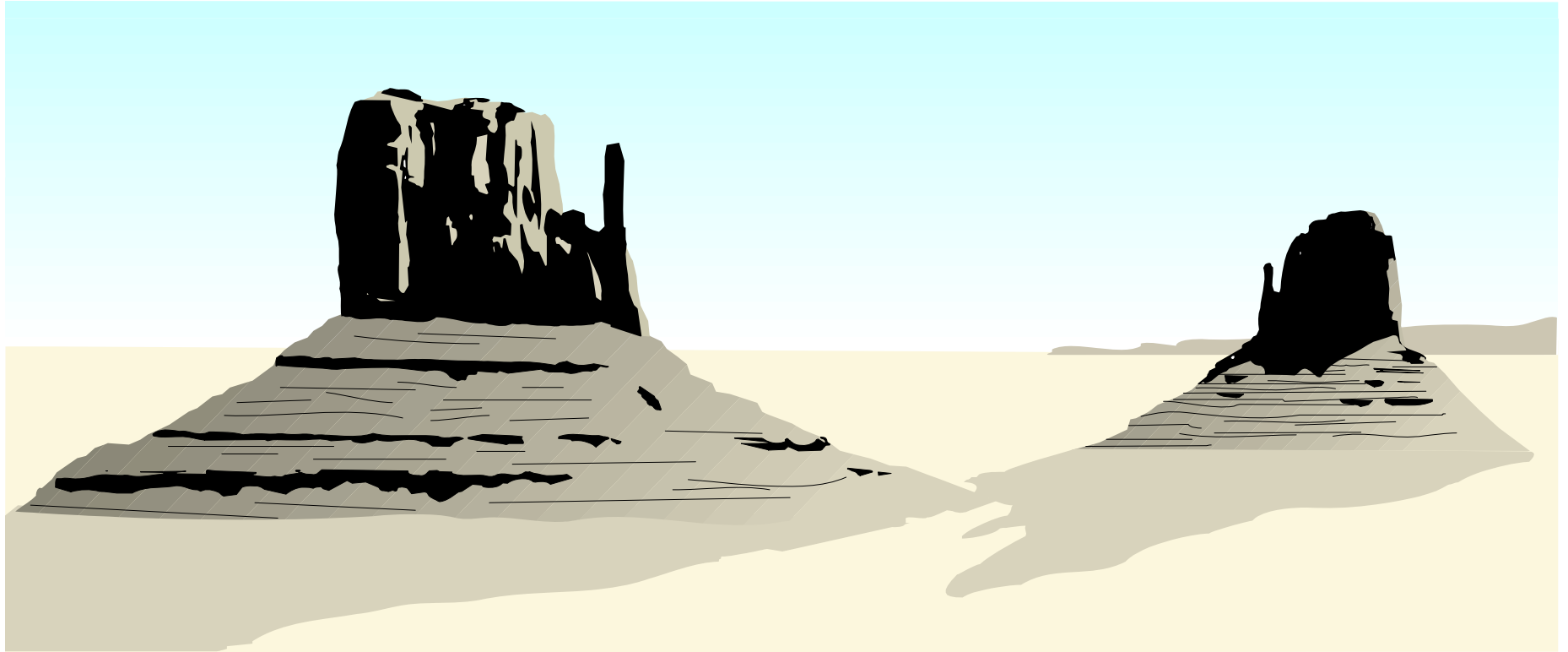
* All race/ethnic groups combined.

5.18

**Unintentional Injury Deaths by Mechanism and Gender Among American Indians and All Residents*
of Arizona, 1996-2006**

	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Unintentional injury, total	26,771	17,766	9,005	3,010	2,122	888
Railway accidents	132	116	16	38	30	8
Motor vehicle -related	11,233	7,692	3,541	1,884	1,276	608
Water transport accident	54	39	15	0	0	0
Accident involving aircraft	219	188	31	3	2	1
Poisoning by drugs/medicaments	4,541	3,337	1,204	197	143	54
Poisoning by gases and vapors	260	201	59	60	47	13
Falls	5,050	2,497	2,553	190	120	70
Fire, flames, smoke	473	290	183	58	39	19
Excessive natural heat	433	328	105	36	28	8
Excessive natural cold	196	166	30	119	104	15
Contact with venomous snakes and lizards	3	3	0	0	0	0
Contact with venomous spiders	4	2	2	0	0	0
Contact with hornets, wasps, bees	1	1	0	1	1	0
Bitten or struck by dog	10	4	6	1	0	1
Lightning	19	15	4	4	3	1
Storms and floods	11	10	1	4	4	0
Accidental drowning and submersion	952	704	248	91	72	19
Choked on food	332	202	130	32	22	10
Choked on other objects	442	244	198	41	29	12
Mechanical suffocation	287	223	64	40	32	8
Accidental discharge of firearms	253	213	40	23	21	2
Exposure to electric current	81	78	3	5	4	1
Overexertion	3	2	1	2	1	1
Adverse effects of drugs in therapetic use	59	29	30	2	1	1
Misadventures to patients during medical/surgical care	392	184	208	13	6	7

* All race/ethnic groups combined.



TECHNICAL NOTES

Sources of Data

The charts 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).

The 2000 Census data for Arizona's Indian Reservations are available at http://www.workforce.az.gov/admin/uploadedPublications/506_resage00.xls

Definitions

Rates

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

Terms Related to Reproductive Health

Birth or Live Birth - The complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy which, after such expulsion or extraction, breaths or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached.

Birth weight - The weight of a neonate determined immediately after delivery or as soon thereafter as possible.

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

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

Low-birthweight - Prior to 1990: any neonate whose weight at birth is 2,500 grams or less. Beginning in 1990: 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	2006 population of American Indians	2006 deaths among American Indians	Age-specific rates for American Indians in 2006	2000 standard	Age-adjusted rate for American Indians In 2006
A	B	C	D (C/B)*100000	E	F D*E
<1	7275	41	563.6	.013818	7.8
1-4	26728	19	71.1	.055317	3.9
5-14	66287	12	18.1	.145565	2.6
15-24	65326	121	185.2	.138646	25.7
25-34	46990	123	261.8	.135573	35.5
35-44	42845	188	438.8	.162613	71.4
45-54	34749	216	621.6	.134834	83.8
55-64	21090	217	1028.9	.087247	89.8
65-74	12720	200	1572.3	.066037	103.8
75-84	5975	215	3598.3	.044842	161.4
85+	1865	191	10241.3	.015508	158.8
	331850			TOTAL	744.5

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.

Comparability ratios Comparability ratios are measures of comparison between ICD-9 and ICD-10. Any comparison of causes of mortality in Arizona between 2000 and previous years needs to take into account the changes in statistical trends that can be attributed to changes in the classification system alone. Comparability ratio of 1.0 indicates that the same number of deaths would be assigned to a cause-of-death when ICD-9 or ICD-10 was used. The following table provides comparable cause-of-death categories in ICD-9 and ICD-10 and shows comparability ratios for 113 causes of death.

Cause-of-Death Categories and Comparability Ratios for Selected 113 Causes of Death

Cause of death (Based on the Tenth Revision, International Classification of Diseases, 1992)	Category codes according to the Tenth Revision (ICD-10)	Category codes according to the Ninth Revision (ICD-9)	Number of deaths allocated according to		Estimated comparability ratio	Standard error	Relative standard error	95-percent confidence limits	
			Tenth Revision	Ninth Revision				Lower	Upper
			Salmonella infections	A01-A02				002-003	30
Shigellosis and amebiasis	A03,A06	004,006	*	*	*	*	*	*	*
Certain other intestinal infections	A04,A07-A09	007-009	*	*	*	*	*	*	*
Tuberculosis	A16-A19	010-018	653	764	0.8547	0.0172	2.0	0.8209	0.8885
Respiratory tuberculosis	A16	010-012	518	572	0.9056	0.0201	2.2	0.8662	0.9450
Other tuberculosis	A17-A19	013-018	135	192	0.7031	0.0407	5.8	0.6233	0.7830
Whooping cough	A37	033	*	*	*	*	*	*	*
Scarlet fever and erysipelas	A38,A46	034.1-035	*	*	*	*	*	*	*
Meningococcal infection	A39	036	221	222	0.9955	0.0149	1.5	0.9663	1.0247
Septicemia	A40-A41	038	21,258	17,791	1.1949	0.0042	0.3	1.1867	1.2030
Syphilis	A50-A53	090-097	21	33	0.6364	0.1184	18.6	0.4043	0.8685
Acute poliomyelitis	A80	045	*	*	*	*	*	*	*
Arthropod-borne viral encephalitis	A83-A84,A85.2	062-064	*	*	*	*	*	*	*
Measles	B05	055	*	*	*	*	*	*	*
Viral hepatitis	B15-B19	070	1,123	1,346	0.8343	0.0120	1.4	0.8109	0.8578
Human immunodeficiency virus (HIV) disease	B20-B24	*042-*044	12,765	11,150	1.1448	0.0045	0.4	1.1360	1.1536
Malaria	B50-B54	084	*	*	*	*	*	*	*
Other and unspecified infectious and parasitic diseases and their sequelae	A00,A05,A20-A36,A42-A44,A48-A49, A54-A79,A81-A82,A85.0-A85.1,A85.8, A86-B04,B06-B09,B25-B49,B55-B99	001,005,020-032,037,039-041,046-054, 056-061,065-066,071-083,085-088, 098-134,136-139,771.3							
Malignant neoplasms	C00-C97	140-208	464,688	461,544	1.0068	0.0002	0.0	1.0064	1.0072
Malignant neoplasms of lip, oral cavity and pharynx	C00-C14	140-149	5,927	6,172	0.9603	0.0040	0.4	0.9525	0.9681
Malignant neoplasm of esophagus	C15	150	9,596	9,630	0.9965	0.0020	0.2	0.9926	1.0003
Malignant neoplasm of stomach	C16	151	11,480	11,408	1.0063	0.0019	0.2	1.0025	1.0101
Malignant neoplasms of colon, rectum and anus	C18-C21	153-154	48,583	48,619	0.9993	0.0009	0.1	0.9975	1.0010
Malignant neoplasms of liver and intrahepatic bile ducts	C22	155	9,732	10,102	0.9634	0.0023	0.2	0.9588	0.9679
Malignant neoplasm of pancreas	C25	157	24,313	24,361	0.9980	0.0009	0.1	0.9963	0.9997
Malignant neoplasm of larynx	C32	161	3,209	3,194	1.0047	0.0053	0.5	0.9943	1.0150
Malignant neoplasms of trachea, bronchus and lung	C33-C34	162	131,750	133,936	0.9837	0.0005	0.1	0.9827	0.9846
Malignant melanoma of skin	C43	172	5,941	6,139	0.9677	0.0032	0.3	0.9614	0.9741
Malignant neoplasm of breast	C50	174-175	38,102	37,891	1.0056	0.0010	0.1	1.0036	1.0075
Malignant neoplasm of cervix uteri	C53	180	3,753	3,802	0.9871	0.0034	0.3	0.9805	0.9938
Malignant neoplasms of corpus uteri and uterus, part unspecified	C54-C55	179,182	5,318	5,183	1.0260	0.0040	0.4	1.0182	1.0339
Malignant neoplasm of ovary	C56	183.0	11,292	11,344	0.9954	0.0016	0.2	0.9923	0.9985
Malignant neoplasm of prostate	C61	185	30,672	30,267	1.0134	0.0015	0.1	1.0105	1.0162
Malignant neoplasms of kidney and renal pelvis	C64-C65	189.0,189.1	9,521	9,521	1.0000	0.0022	0.2	0.9957	1.0043
Malignant neoplasm of bladder	C67	188	9,563	9,594	0.9968	0.0026	0.3	0.9916	1.0019
Malignant neoplasms of meninges, brain and other parts of central nervous system	C70-C72	191-192	10,039	10,359	0.9691	0.0025	0.3	0.9642	0.9740
Malignant neoplasms of lymphoid, hematopoietic and related tissue	C81-C96	200-208	44,715	44,530	1.0042	0.0012	0.1	1.0019	1.0064
Hodgkin's disease	C81	201	1,021	1,036	0.9855	0.0089	0.9	0.9680	1.0030
Non-Hodgkin's lymphoma	C82-C85	200,202	17,924	18,326	0.9781	0.0018	0.2	0.9745	0.9817
Leukemia	C91-C95	204-208	16,600	16,405	1.0119	0.0019	0.2	1.0083	1.0155

See footnotes at end of table.

Cause-of-Death Categories and Comparability Ratios for Selected 113 Causes of Death

Cause of death (Based on the Tenth Revision, International Classification of Diseases, 1992)	Category codes according to the Tenth Revision (ICD-10)	Category codes according to the Ninth Revision (ICD-9)	Number of deaths allocated according to		Estimated comparability ratio	Standard error	Relative standard error	95-percent confidence limits	
			Tenth Revision	Ninth Revision				Lower	Upper
Multiple myeloma and immunoproliferative neoplasms	C88,C90	203	9,099	8,763	1.0383	0.0030	0.3	1.0324	1.0443
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	- - -	*	*	*	*	*	*	*
All other and unspecified malignant neoplasms	C17,C23-C24,C26-C31,C37-C41, C44-C49,C51-C52,C57-C60, C66,C68-C69,C73-C80,C97	152,156,158-160,163-171,173,181, 183.2-184,186-187,189.2-190, 193-199	51,182	45,492	1.1251	0.0021	0.2	1.1210	1.1292
In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior	D00-D48	210-239	9,263	5,532	1.6744	0.0164	1.0	1.6422	1.7067
Anemias	D50-D64	280-285	3,059	3,200	0.9559	0.0077	0.8	0.9409	0.9710
Diabetes mellitus	E10-E14	250	48,636	48,242	1.0082	0.0011	0.1	1.0060	1.0103
Nutritional deficiencies	E40-E64	260-269	3,215	2,763	1.1636	0.0165	1.4	1.1312	1.1960
Malnutrition	E40-E46	260-263	2,607	2,665	0.9782	0.0151	1.5	0.9487	1.0078
Other nutritional deficiencies	E50-E64	264-269	608	98	6.2041	0.5961	9.6	5.0358	7.3724
Meningitis	G00,G03	320-322	592	584	1.0137	0.0136	1.3	0.9871	1.0403
Parkinson's disease	G20-G21	332	10,404	10,392	1.0012	0.0028	0.3	0.9956	1.0067
Alzheimer's disease	G30	331.0	29,707	19,121	1.5536	0.0071	0.5	1.5398	1.5675
Major cardiovascular diseases	I00-I78	390-434,436-448	796,919	798,435	0.9981	0.0002	0.0	0.9977	0.9985
Diseases of heart	I00-I09,I11,I13,I20-I51	390-398,402,404,410-429	615,564	624,405	0.9858	0.0002	0.0	0.9854	0.9863
Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	390-398	2,446	2,980	0.8208	0.0089	1.1	0.8034	0.8382
Hypertensive heart disease	I11	402	17,322	21,577	0.8028	0.0028	0.3	0.7973	0.8083
Hypertensive heart and renal disease	I13	404	2,170	2,027	1.0705	0.0160	1.5	1.0392	1.1019
Ischemic heart diseases	I20-I25	410-414,429.2	466,459	466,935	0.9990	0.0002	0.0	0.9985	0.9994
Acute myocardial infarction	I21-I22	410	178,125	180,169	0.9887	0.0003	0.0	0.9880	0.9893
Other acute ischemic heart diseases	I24	411	2,667	2,638	1.0110	0.0117	1.2	0.9880	1.0340
Other forms of chronic ischemic heart disease	I20,I25	412-414,429.2	285,667	284,128	1.0054	0.0004	0.0	1.0046	1.0062
Atherosclerotic cardiovascular disease, so described	I25.0	429.2	64,354	61,362	1.0488	0.0016	0.2	1.0456	1.0519
All other forms of chronic ischemic heart disease	I20,I25.1-I25.9	412-414	221,313	222,766	0.9935	0.0004	0.0	0.9927	0.9942
Other heart diseases	I26-I51	415-429.1,429.3-429.9	127,167	130,886	0.9716	0.0010	0.1	0.9696	0.9736
Acute and subacute endocarditis	I33	421	552	554	0.9964	0.0137	1.4	0.9695	1.0233
Diseases of pericardium and acute myocarditis	I30-I31,I40	420,422-423	489	475	1.0295	0.0160	1.6	0.9981	1.0608
Heart failure	I50	428	44,297	42,554	1.0410	0.0013	0.1	1.0384	1.0435
All other forms of heart disease	I26-I28,I34-I38,I42-I49,I51	415-417,424-427,429.0-429.1,429.3-429.9	81,829	87,303	0.9373	0.0014	0.2	0.9345	0.9401
Essential (primary) hypertension and hypertensive renal disease	I10,I12	401,403	11,958	10,684	1.1192	0.0050	0.4	1.1094	1.1291
Cerebrovascular diseases	I60-I69	430-434,436-438	137,264	129,640	1.0588	0.0008	0.1	1.0572	1.0604
Atherosclerosis	I70	440	13,894	14,417	0.9637	0.0025	0.3	0.9588	0.9686
Other diseases of circulatory system	I71-I78	441-448	18,239	19,289	0.9456	0.0021	0.2	0.9414	0.9498
Aortic aneurysm and dissection	I71	441	12,216	12,201	1.0012	0.0010	0.1	0.9992	1.0032
Other diseases of arteries, arterioles and capillaries	I72-I78	442-448	6,023	7,088	0.8497	0.0053	0.6	0.8394	0.8601
Other disorders of circulatory system	I80-I99	451-459	2,984	2,899	1.0293	0.0172	1.7	0.9956	1.0631
Influenza and pneumonia	J10-J18	480-487	50,526	72,371	0.6982	0.0018	0.3	0.6947	0.7016
Influenza	J10-J11	487	572	567	1.0088	0.0073	0.7	0.9945	1.0231
Pneumonia	J12-J18	480-486	49,954	71,804	0.6957	0.0018	0.3	0.6922	0.6992
Other acute lower respiratory infections	J20-J22	466	346	355	0.9746	0.0392	4.0	0.8978	1.0515
Acute bronchitis and bronchiolitis	J20-J21	466	265	355	0.7465	0.0264	3.5	0.6947	0.7983

See footnotes at end of table.

Cause-of-Death Categories and Comparability Ratios for Selected 113 Causes of Death

Cause of death (Based on the Tenth Revision, International Classification of Diseases, 1992)	Category codes according to the Tenth Revision (ICD-10)	Category codes according to the Ninth Revision (ICD-9)	Number of deaths allocated according to		Estimated comparability ratio	Standard error	Relative standard error	95-percent confidence limits	
			Tenth Revision	Ninth Revision				Lower	Upper
Unspecified acute lower respiratory infection	J22	---	*	*	*	*	*	*	*
Chronic lower respiratory diseases	J40-J47	490-494,496	94,326	90,022	1.0478	0.0009	0.1	1.0460	1.0496
Bronchitis, chronic and unspecified	J40-J42	490-491	913	2,320	0.3935	0.0107	2.7	0.3726	0.4145
Emphysema	J43	492	14,369	14,774	0.9726	0.0031	0.3	0.9666	0.9786
Asthma	J45-J46	493	4,217	4,718	0.8938	0.0061	0.7	0.8819	0.9057
Other chronic lower respiratory diseases	J44,J47	494,496	74,827	68,210	1.0970	0.0014	0.1	1.0943	1.0998
Pneumoconioses and chemical effects	J60-J66,J68	500-506	860	845	1.0178	0.0099	1.0	0.9983	1.0372
Pneumonitis due to solids and liquids	J69	507	10,183	9,104	1.1185	0.0048	0.4	1.1092	1.1279
Other diseases of respiratory system	J00-J06,J30-J39,J67,J70-J98	034.0,460-465,470-478,495,508-519	16,656	14,269	1.1673	0.0052	0.4	1.1572	1.1774
Peptic ulcer	K25-K28	531-534	3,574	3,686	0.9696	0.0045	0.5	0.9608	0.9784
Diseases of appendix	K35-K38	540-543	209	202	1.0347	0.0242	2.3	0.9873	1.0820
Hernia	K40-K46	550-553	658	633	1.0395	0.0154	1.5	1.0094	1.0696
Chronic liver disease and cirrhosis	K70,K73-K74	571	21,688	20,920	1.0367	0.0027	0.3	1.0314	1.0420
Alcoholic liver disease	K70	571.0-571.3	10,147	9,965	1.0183	0.0050	0.5	1.0085	1.0281
Other chronic liver disease and cirrhosis	K73-K74	571.4-571.9	11,541	10,955	1.0535	0.0041	0.4	1.0454	1.0615
Cholelithiasis and other disorders of gallbladder	K80-K82	574-575	1,725	1,803	0.9567	0.0060	0.6	0.9450	0.9685
Nephritis, nephrotic syndrome and nephrosis	N00-N07,N17-N19,N25-N27	580-589	24,939	20,242	1.2320	0.0044	0.4	1.2234	1.2407
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01,N04	580-581	161	249	0.6466	0.0342	5.3	0.5796	0.7136
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified	N02-N03,N05-N07,N26	582-583,587	468	1,213	0.3858	0.0144	3.7	0.3575	0.4141
Renal failure	N17-N19	584-586	24,290	18,758	1.2949	0.0050	0.4	1.2852	1.3047
Other disorders of kidney	N25,N27	588-589	20	22	0.9091	0.0867	9.5	0.7392	1.0790
Infections of kidney	N10-N12,N13.6,N15.1	590	731	726	1.0069	0.0144	1.4	0.9786	1.0352
Hyperplasia of prostate	N40	600	326	327	0.9969	0.0159	1.6	0.9658	1.0280
Inflammatory diseases of female pelvic organs	N70-N76	614-616	63	64	0.9844	0.0410	4.2	0.9040	1.0648
Pregnancy, childbirth and the puerperium	O00-O99	630-676	*	*	*	*	*	*	*
Pregnancy with abortive outcome	O00-O07	630-639	*	*	*	*	*	*	*
Other complications of pregnancy, childbirth and the puerperium	O10-O99	640-676	*	*	*	*	*	*	*
Certain conditions originating in the perinatal period	P00-P96	760-771.2,771.4-779	10,184	9,555	1.0658	0.0033	0.3	1.0593	1.0724
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	740-759	5,950	7,025	0.8470	0.0055	0.6	0.8362	0.8577
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	780-799	16,940	17,732	0.9553	0.0034	0.4	0.9487	0.9620
All other diseases (Residual)	Residual	Residual	109,853	122,107	0.8996	0.0015	0.2	0.8968	0.9025
Accidents (unintentional injuries)	V01-X59,Y85-Y86	E800-E869,E880-E929	31,084	30,163	1.0305	0.0014	0.1	1.0278	1.0333
Transport accidents	V01-V99,Y85	E800-E848,E929.0,E929.1	17,547	17,586	0.9978	0.0006	0.1	0.9966	0.9990
Motor vehicle accidents	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	E810-E825	16,632	17,051	0.9754	0.0006	0.1	0.9742	0.9766

See footnotes at end of table.

Cause-of-Death Categories and Comparability Ratios for Selected 113 Causes of Death

Cause of death (Based on the Tenth Revision, International Classification of Diseases, 1992)	Category codes according to the Tenth Revision (ICD-10)	Category codes according to the Ninth Revision (ICD-9)	Number of deaths allocated according to		Estimated comparability ratio	Standard error	Relative standard error	95-percent confidence limits	
			Tenth Revision	Ninth Revision				Lower	Upper
Other land transport accidents	V01,V05-V06,V09.1,V09.3-V09.9, V10-V11,V15-V18,V19.3,V19.8-V19.9, V80.0-V80.2,V80.6-V80.9,V81.2-V81.9, V82.2-V82.9,V87.8,V88.9,V89.1,V89.3, V89.9	E800-E807,E826-E829	*	*	*	*	*	*	*
Water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99,Y85	E830-E848,E929.0,E929.1	351	347	1.0115	0.0209	2.1	0.9706	1.0525
Nontransport accidents	W00-X59,Y86	E850-E869,E880-E928,E929.2-E929.9	13,537	12,577	1.0763	0.0035	0.3	1.0696	1.0831
Falls	W00-W19	E880-E888	5,173	6,152	0.8409	0.0049	0.6	0.8313	0.8505
Accidental discharge of firearms	W32-W34	E922	493	466	1.0579	0.0127	1.2	1.0331	1.0828
Accidental drowning and submersion	W65-W74	E910	283	284	0.9965	0.0127	1.3	0.9716	1.0213
Accidental exposure to smoke, fire and flames	X00-X09	E890-E899	493	506	0.9743	0.0089	0.9	0.9568	0.9918
Accidental poisoning and exposure to noxious substance	X40-X49	E850-E869,E924.1	*	*	*	*	*	*	*
Other and unspecified nontransport accidents and their sequelae	W20-W31,W35-W64,W75-W99, X10-X39,X50-X59,Y86	E900-E909,E911-E921,E923-E924.0, E924.8-E928,E929.2-E929.9	6,698	4,721	1.4188	0.0123	0.9	1.3947	1.4428
Intentional self-harm (suicide)	X60-X84,Y87.0	E950-E959	18,352	18,422	0.9962	0.0005	0.0	0.9952	0.9972
Intentional self-harm (suicide) by discharge of firearms	X72-X74	E955.0-E955.4	14,157	14,183	0.9982	0.0007	0.1	0.9968	0.9996
Intentional self-harm (suicide) by other and unspecified means and their sequelae	X60-X71,X75-X84,Y87.0	E950-E954,E955.5-E959	4,195	4,239	0.9896	0.0023	0.2	0.9850	0.9942
Assault (homicide)	X85-Y09,Y87.1	E960-E969	12,287	12,308	0.9983	0.0006	0.1	0.9972	0.9994
Assault (homicide) by discharge of firearms	X93-X95	E965.0-E965.4	8,718	8,745	0.9969	0.0008	0.1	0.9953	0.9985
Assault (homicide) by other and unspecified means and their sequelae	X85-X92,X96-Y09,Y87.1	E960-E964,E965.5-E969	3,569	3,563	1.0017	0.0024	0.2	0.9969	1.0064
Legal intervention	Y35,Y89.0	E970-E978	*	*	*	*	*	*	*
Events of undetermined intent	Y10-Y34,Y87.2,Y89.9	E980-E989	*	*	*	*	*	*	*
Discharge of firearms, undetermined intent	Y22-Y24	E985.0-E985.4	*	*	*	*	*	*	*
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21,Y25-Y34,Y87.2,Y89.9	E980-E984,E985.5-E989	*	*	*	*	*	*	*
Operations of war and their sequelae	Y36,Y89.1	E990-E999	*	*	*	*	*	*	*
Complications of medical and surgical care	Y40-Y84,Y88	E870-E879,E930-E949	*	*	*	*	*	*	*
Injury by firearms ¹	W32-W34,X72-X74,X93-X95, Y22-Y24,Y35.0,*U01.4	E922,E955.0-E955.4,E965.0-E965.4, E970,E985.0-E985.4	23,355	23,418	0.9973	0.0006	0.1	0.9961	0.9985
Drug-induced deaths ¹	D52.1,D59.0,D61.1,D64.2,E06.4, E16.0,E23.1,E24.2,E27.3,E66.1, 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,G21.1,G24.0,G25.1, G25.4,G25.6,G44.4,G62.0,G72.0,I95.2, J70.2,J70.3,J70.4,L10.5,L27.1,M10.2, M32.0,M80.4,M81.4,M83.5,M87.1, R78.1,R78.3,R78.4,R78.5,X40-X44, X60-X64,X85,Y10-Y14	292,304,305.2-305.9,E850-E858, E950.0-E950.5,E962.0,E980.0-E980.5	1,158	969	1.1950	0.0225	1.9	1.1509	1.2391
Alcohol-induced deaths ¹	E24.4,F10,G31.2,G62.1,G72.1, I42.6,K29.2,K70,R78.0,X45,X65,Y15	291,303,305.0,357.5,425.5,535.3, 571.0-571.3,790.3,E860	14,783	15,269	0.9682	0.0025	0.3	0.9633	0.9731

*Figure does not meet standards of reliability or precision.
 ---Category not applicable
 0.0 Quantity more than zero but less than 0.05
¹ Included in selected categories. The list of codes included in drug-and-alcohol induced causes was expanded in the 2003 data year.
 Source National vital statistics reports vol 49 no 8 and vol 54 no 13.

APPENDIX A



TRIBAL COMMUNITIES OF AMERICAN INDIANS IN ARIZONA

TRIBAL COMMUNITIES OF AMERICAN INDIANS IN ARIZONA

Reservation/Tribe	County	Community name	
AK-CHIN INDIAN COMMUNITY	Pinal	Ak Chin	
		Maricopa	
COCOPAH TRIBE	Yuma	Cocopah Reservation	
COLORADO RIVER INDIAN TRIBES		Parker	
		Parker Valley	
		Poston	
FORT McDOWELL YAVAPAI NATION	Maricopa	Fort McDowell	
FORT MOJAVE INDIAN TRIBE	Mohave	Fort Mojave Reservation	
FORT YUMA-QUECHAN TRIBE	Yuma	Fort Yuma Reservation	
GILA RIVER INDIAN COMMUNITY	Maricopa	Chandler Heights	
		Firebird Lake	
		Gila Crossing	
		Komatke	
		Lone Butte	
		Maricopa Village	
		St. Johns	
		Pinal	Bapchule
			Blackwater
			Casa Blanca
			Cockleburrr
			Goodyear
			Lower Santan
			Maricopa
	North Blackwater		
	Olberg		
	Progressive Colony		
	Sacate		
	Sacaton		
	Sacaton Flats		
	Santa Cruz		
	Snaketown		
	South Casa Blanca		
	South Goodyear		
	Stotonic		
	Sweetwater		
	Upper Santan		
	West Casa Blanca		
West Chandler			
Wetcamp			

TRIBAL COMMUNITIES OF AMERICAN INDIANS IN ARIZONA (continued)

Reservation/Tribe	County	Community name
HAVASUPAI NATION	Coconino	Supai
HOPI TRIBE	Coconino	Coal Mine Mesa
		Moenave
		Moenkopi
		Sand Springs
	Navajo	Bacobi
		Dennebito
		Five House
		Hano
		Hotevilla
		Keams Canyon
		Kykotsmovi
		Mishongnovi
		Old Oraibi
		Polacca
		Second Mesa
		Shipaulovi
		Shungopovi
		Sichomovi
		Toreva
		Wali Polacca
		Walpi
		Wepo Village
HUALAPAI NATION	Coconino	Fraziers Well
	Mohave	Hindu Canyon
		Peach Springs
		Valentine
KAIBAB-PAIUTE TRIBE	Mohave	Juniper Estates
		Kaibab
		Moccasin
		Redhills
		Six Mile
		Steam Boat
NAVAJO NATION	Apache	Allentown
		Black Mountain
		Blue Canyon
		Blue Gap
		Chinle
		Cornfields
		Cottonwood

TRIBAL COMMUNITIES OF AMERICAN INDIANS IN ARIZONA (continued)

Reservation/Tribe	County	Community name
NAVAJO NATION (continued)	Apache	Del Muerto
		Dinnehotso
		Fort Defiance
		Ganado
		Greasewood
		Houck
		Hunters Point
		Kin-li-chee
		Klagetoh
		Lukachukai
		Lupton
		Many Farms
		Mexican Water
		Navajo
		Navajo Station
		Nazlini
		Oak Springs
		Pine Springs
		Pinta Road
		Red Mesa
		Red Rock
		Rock Point
		Rough Rock
		Round Rock
		Salina Springs
		Sawmill
		St Michaels
		Steamboat
		Sunrise Springs
		Teec Nos Pos
		Toyai
		Tsaile
		Valley Store
	Wide Ruin	
	Window Rock	
	Coconino	Bitter Springs
		Big Mountain
		Cameron
		Canyon Diablo
		Cedar Ridge
		Copper Mine
		Cow Springs
Gray Mountain		

TRIBAL COMMUNITIES OF AMERICAN INDIANS IN ARIZONA (continued)

Reservation/Tribe	County	Community name
NAVAJO NATION (continued)	Coconino	Inscription House
		Kaibito
		Lechee
		Leupp
		Marble Canyon
		Navajo Mountain
		Red Lake
		Shonto
		Sunrise
		The Gap
		Tolani Lake
		Tonalea (Red Lake)
		Tuba City
		White Mesa
	Willow Springs	
	Navajo	Bidahochi
		Black Mesa
		Blue Gap
		Castle Butte
		Cedar Springs
		Chilchinbito
		Dilkon
		Forest lake
		Greasewood Springs
		Hard Rock
		Indian Wells
		Jadito
		Kayenta
		Low Mountain
		Naahtee
		Pinon
		Rocky Ridge
		Seba Dalkai
Shonto		
Smoke Signal		
Tees Toh		
Tsegi		
Twin Buttes		
Whippoorwill		
White Cone		

TRIBAL COMMUNITIES OF AMERICAN INDIANS IN ARIZONA (continued)

Reservation/Tribe	County	Community name
PASCUA YAQUI TRIBE	Maricopa	Guadalupe
	Pima	South Tucson
		Tucson
	Pinal	Marana
SALT RIVER PIMA-MARICOPA INDIAN COMMUNITY		
	Maricopa	Salt River Reservation
SAN CARLOS APACHE TRIBE		
	Gila	Coolidge Dam
		Cutter
		Peridot
		San Carlos
	Graham	Seneca
		Bylas
		Calva
TOHONO O'ODHAM		
	Maricopa	Gila Bend/San Lucy Village
		Kaka
		Pima
	Ak Chin	
	Ak Chut Vaya	
	Ak Komelik	
	Ali Ak Chin	
	Ali Molina	
	Anegam	
	Artesa	
	Big Field	
	Cababi	
	Charco 27	
	Chiuli Shaik	
	Chot Vaya	
	Choulic	
	Coldfield	
	Comobabi	
	Covered Wells	
Cowlic		
Coyote Field		
Fresnal Canyon		
Gu Chuapo		
Gu Oidak		
Gu Vo		

TRIBAL COMMUNITIES OF AMERICAN INDIANS IN ARIZONA (continued)

Reservation/Tribe	County	Community name
TOHONO O'ODHAM (continued)	Pima	Gunsight
		Haivana Nakya
		Hali Murk
		Hickiwan
		Hoi Oidak
		Iron Pipe
		Itak
		Kahachi Miliuk
		Kaihon Kug
		Kots Kug
		Kui Tatk
		Kupk
		Lincoln
		Little Tucson
		Makgum Havoka
		Narcho Santos
		Newfield
		Noipa Kam
		Nolic
		Palo Verde Stand
		Pan Tak
		Papago Farms
		Peach Pu
		Pia Oik
		Piato Vaya
		Pipyak
		Pisinemo
		Pitoikam
		Queens Well
		Quijotoa
		San Luis
San Miguel		
San Pedro		
San Xavier		
Santa Cruz		
Santa Rosa		
Santa Rosa Ranch		
Sells		
Sikul Himatk		
Sil Nakya		

TRIBAL COMMUNITIES OF AMERICAN INDIANS IN ARIZONA (continued)

Reservation/Tribe	County	Community name
TOHONO O'ODHAM (continued)	Pima	South Komelik
		Sweetwater
		Topawa
		Tracy
		Vainom Kug
		Vamori
		Vaya Chin
		Ventana
		Vopolo Havoka
	Pinal	Chuichu
		Cockleburr
		Jackrabbit
		Kohatk
		North Komelik
		Hawley Lake
WHITE MOUNTAIN APACHE TRIBE		
	Apache	Maverick
		McNary
	Gila	Amos Wash
		Canyon Day
		Carrizo
		Cedar Creek
		Warrior Canyon
	Navajo	Chino Springs
		Castle Butte
		Cibecue
		Deer Springs
		Diamond Creek
		Fort Apache
		Grasshopper
		Hondah
		Indian Pine
	North Fork	
	Rainbow City	
	Seven Mile	
Whiteriver		
YAVAPAI-APACHE NATION		
	Yavapai	Camp Verde Reservation
		Middle Verde
YAVAPAI-PRESCOTT INDIAN TRIBE		
	Yavapai	Prescott

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 Health Status by Race/Ethnic Group*, *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), *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* and *Deaths from Exposure to Excessive Natural Heat Occurring in Arizona*.



**Health Status and Vital Statistics
Bureau of Public Health Statistics**

ARIZONA DEPARTMENT OF HEALTH SERVICES
