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HEALTH STATUS PROFILE OF AMERICAN INDIANS IN ARIZONA: 2007 DATA BOOK

by

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INTRODUCTION

The report *Health Status Profile of American Indians in Arizona: 2007 Data Book* is the twelfth 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 2007.

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

The charts and tables comprising the 2007 *Health Status Profile of American Indians in Arizona* are grouped into five major sections:

- 1) a summary risk profile of American Indian residents of Arizona in 2007 on 70 indicators or measures of health status,
- 2) a comparison of American Indians' standing in Arizona with respect to selected health objectives for the year 2010,
- 3) a section presenting trend data for 1997-2007 for selected health problems and health risks among American Indian and all residents of Arizona,
- 4) a four-part section concerned with the characteristics of American Indian newborns and mothers giving birth,
- 5) a three-part section focused on patterns of cause-specific mortality among American Indians by age group, gender and place of residence in Arizona in 2007. Beginning with the 2006 report, it also includes additional statistics on "Comparative Cause-Specific Mortality" focused on leading causes of death by gender and residence status on or off reservation, as well as patterns in cancer mortality and proportional mortality from specific unintentional injuries.

These sections are followed by the **Technical Notes**, which provide information about the sources of data and definitions of terms used in the report, 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 - 2007 are classified by ICD-10.

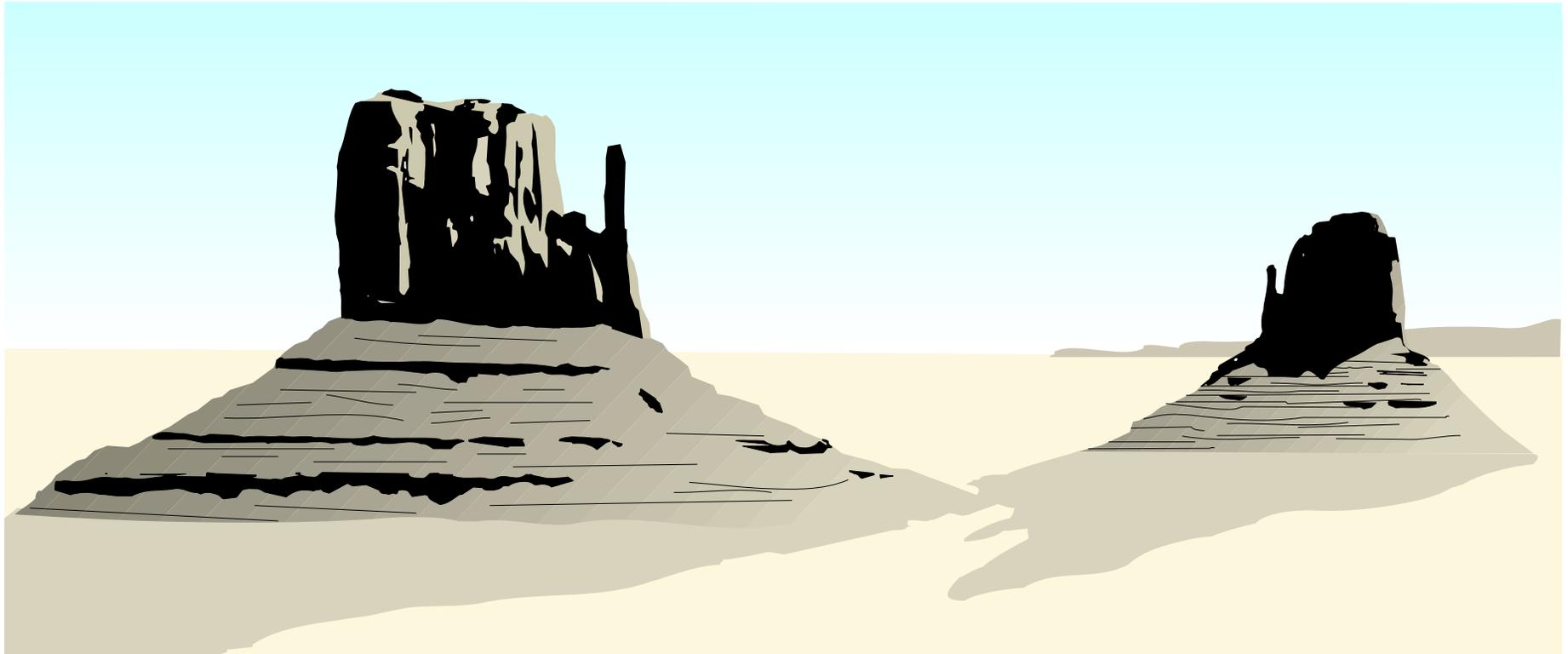
Beginning with the first edition of this report published in 1996, specific Indian reservations have been identified by tribal communities comprising them. However, this approach does not work very well for the tribes residing within the limits of an incorporated city (such as Yavapai Prescott Indian 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).

In this edition of the report, tribal affiliation combined with a specific place of residence was used in order to distinguish between American Indian residents of specified tribal communities and/or on reservations, and those who resided off reservation in Arizona in 2007. 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 quite limited. Generally, the information about the usual place (or tribal community) of residence is quite poorly recorded in the electronic databases of births and deaths. Certain communities are altogether absent and many are 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 was intended as a data book: a basic reference for some of the most frequently requested vital event statistics. The five sections of the report were computer-generated and contain information with little or no accompanying narrative.

In addition to bound form, the online versions of the report for 1995–2007 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 2007**

The risk profile presented on the following page summarizes how American Indians as a group compared in 2007 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.

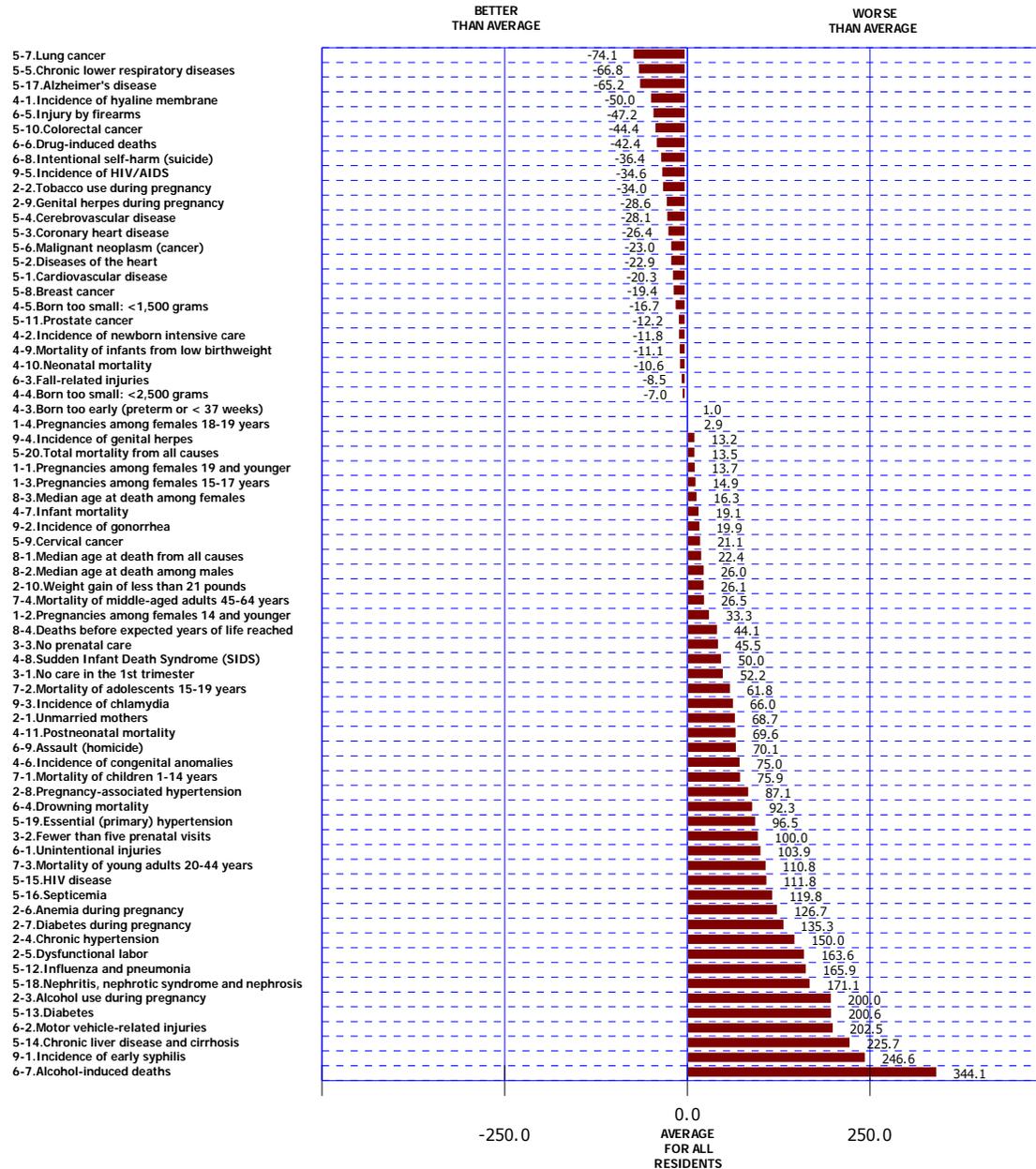
In 2007, American Indian residents of Arizona:

- **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 17 years younger at time of death compared to White non-Hispanics;**
- **had high infant mortality, high mortality from alcohol-induced causes, diabetes, influenza and pneumonia, motor vehicle accidents and mortality from other unintentional injuries: all contributing to the premature death rate;**
- **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;**
- **experienced an unprecedented decline in their suicide rate from 17.5 suicides per 100,000 in 2005 to 13.7/100,000 in 2006, and 9.8/100,000 in 2007**

* 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>.

2007 RISK PROFILE OF AMERICAN INDIANS

(Percent above or below the average rate or ratio of all Arizona residents in 2007)



AMERICAN INDIANS' STANDING IN ARIZONA IN 2007 ON 70 INDICATORS OF HEALTH STATUS

1. TEEN PREGNANCIES

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

Figure number	Indicator	2007 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2007	Definitions
1-1	Pregnancies among females 19 and younger	39.1	13.7	34.4	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	2.0	33.3	1.5	The sum of live births, fetal deaths, and abortions per 1,000 females aged 14 or younger
1-3	Pregnancies among females 15-17 years old	42.4	14.9	36.9	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	124.9	2.9	121.4	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	2007 ratio for American Indians	Percent above or below the average ratio for all groups	Average ratio for all groups in 2007	Definitions
2-1	Unmarried mothers	75.9	68.7	45.0	The number of births to unmarried mothers per 100 births
2-2	Tobacco use during pregnancy	3.1	-34.0	4.7	The number of mothers giving birth who self-reported tobacco use during pregnancy per 100 births
2-3	Alcohol use during pregnancy	1.8	200.0	.6	The number of mothers giving birth who self-reported alcohol use during pregnancy per 100 births
2-4	Chronic hypertension	1.5	150.0	.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	2.9	163.6	1.1	Failure to progress in a normal pattern of labor (the number of cases per 100 births).
2-6	Anemia during pregnancy	6.8	126.7	3.0	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	8.0	135.3	3.4	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	5.8	87.1	3.1	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	.5	-28.6	.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	31.9	26.1	25.3	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	2007 ratio for American Indians	Percent above or below the average ratio for all groups	Average ratio for all groups in 2007	Definition
3-1	No care in the 1 st trimester	34.1	52.2	22.4	The number of mothers giving birth who received no prenatal care in the 1 st trimester of pregnancy per 100 births.
3-2	Fewer than five prenatal visits	12.0	100.0	6.0	The number of mothers giving birth who had fewer than five prenatal visits during pregnancy per 100 births.
3-3	No prenatal care	3.2	45.5	2.2	The number of mothers giving birth who received no prenatal care during pregnancy per 100 births.

4. NEWBORN'S HEALTH

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

Figure number	Indicator	2007 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 2007	Definition
4-1	Incidence of hyaline membrane disease	.2	-50.0	.4	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	4.5	-11.8	5.1	The number of babies admitted to Newborn Intensive Care units per 100 births
4-3	Born too early (preterm or < 37 weeks)	10.4	1.0	10.3	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)	6.6	-7.0	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)	1.0	-16.7	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)	1.4	75.0	.8	The numbers of babies born with birth defects per 100 births.
4-7	Infant mortality	8.1	19.1	6.8	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)	.6	50.0	.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	.8	-11.1	.9	The number of infant deaths from low- birthweight/short gestation (ICD-10 code P07) per 1,000 live births
4-10	Neonatal mortality	4.2	-10.6	4.7	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	3.9	69.6	2.3	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	2007 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2007	Definition
5-1	Cardiovascular disease	155.0	-20.3	194.4	The number of deaths from cardiovascular diseases (ICD-10 codes I00-I78) per 100,000 age-adjusted population.
5-2	Diseases of the heart	115.2	-22.9	149.5	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	84.6	-26.4	115.0	The number of deaths from coronary heart disease (ICD-10 codes I200-I259) per 100,000 age-adjusted population.
5-4	Cerebrovascular disease	22.0	-28.1	30.6	The number of deaths from cerebrovascular disease (ICD-10 codes I60-I69) per 100,000 age-adjusted population.
5-5	Chronic lower respiratory diseases	13.0	-66.8	39.2	The number of deaths from chronic lower respiratory diseases (ICD-10 codes J40-J47) per 100,000 age-adjusted population.
5-6	Malignant neoplasm (cancer)	113.9	-23.0	148.0	The number of deaths from cancer (ICD-10 codes C00-C97) per 100,000 age-adjusted population.
5-7	Lung cancer	9.9	-74.1	38.2	The number of deaths from lung cancer (ICD-10 codes C33-C34) per 100,000 age-adjusted population.
5-8	Breast cancer	16.2	-19.4	20.1	The number of deaths from breast cancer (ICD-10 code C50) per 100,000 age-adjusted female population.
5-9	Cervical cancer	2.3	21.1	1.9	The number of deaths from cervical cancer (ICD-10 code C53) per 100,000 age-adjusted female population.
5-10	Colorectal cancer	8.0	-44.4	14.4	The number of deaths from colorectal cancer (ICD-10 codes C18-C21) per 100,000 age-adjusted population.
5-11	Prostate cancer	16.6	-12.2	18.9	The number of deaths from prostate cancer (ICD-10 code C61) per 100,000 age-adjusted male population.
5-12	Influenza and pneumonia	34.3	165.9	12.9	The number of deaths from influenza and pneumonia (ICD-10 codes J10-J18) per 100,000 age-adjusted population.
5-13	Diabetes	51.1	200.6	17.0	The number of deaths from diabetes (ICD-10 codes E10-E14) per 100,000 age-adjusted population.
5-14	Chronic liver disease and cirrhosis	36.8	225.7	11.3	The number of deaths from chronic liver disease and cirrhosis (ICD-10 codes K70, K73-K74) per 100,000 age-adjusted population.
5-15	HIV disease	3.6	111.8	1.7	The number of deaths from HIV disease (ICD-10 codes B20-B24) per 100,000 age-adjusted population.
5-16	Septicemia	17.8	119.8	8.1	The number of deaths from septicemia (ICD-10 codes A40-A41) per 100,000 age-adjusted population.
5-17	Alzheimer's disease	10.3	-65.2	29.6	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)	20.6	171.1	7.6	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	11.2	96.5	5.7	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	752.5	13.5	663.2	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	2007 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2007	Definition
6-1	Unintentional injuries	95.0	103.9	46.6	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	49.0	202.5	16.2	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	9.7	-8.5	10.6	The number of deaths from fall-related injuries (ICD-10 codes W00-W19) per 100,000 age-adjusted population.
6-4	Drowning mortality	2.5	92.3	1.3	The number of deaths due to accidental drowning and submersion (ICD-10 codes W65-W74) per 100,000 age-adjusted population.
6-5	Injury by firearms	7.6	-47.2	14.4	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	8.7	-42.4	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	49.3	344.1	11.1	The number of alcohol-induced deaths (ICD-10 codes F10, G31.2, G62.1, I42.6, K29.2, K70, R78.0, X45, X65, Y15) per 100,000 age-adjusted population. Causes of death attributable to alcohol-induced mortality include mental and behavioral disorders due to alcohol use, degeneration of nervous system due to alcohol, alcoholic polyneuropathy, alcoholic cardiomyopathy, alcoholic gastritis, alcoholic liver disease, finding of alcohol in blood, accidental poisoning by and exposure to alcohol, intentional self-poisoning by and exposure to alcohol; and poisoning by and exposure to alcohol, undetermined intent. Alcohol-induced causes exclude accidents, homicides, and other causes indirectly related to alcohol use.
6-8	Intentional self-harm (suicide)	9.8	-36.4	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)	13.1	70.1	7.7	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	2007 rate for American Indians	Percent above or below the average rate for all groups	Average value for all groups in 2007	Definition
7-1	Mortality of children 1-14 years old	34.3	75.9	19.5	The number of deaths per 100,000 children 1-14 years old in 2007
7-2	Mortality of adolescents 15-19 years old	124.4	61.8	76.9	The number of deaths per 100,000 adolescents 15-19 years old in 2007
7-3	Mortality of young adults 20-44 years old	291.3	110.8	138.2	The number of deaths per 100,000 young adults 20-44 years old in 2007
7-4	Mortality of middle-aged adults 45-64 years old	737.5	26.5	582.8	The number of deaths per 100,000 middle-aged adults 45-64 years old in 2007

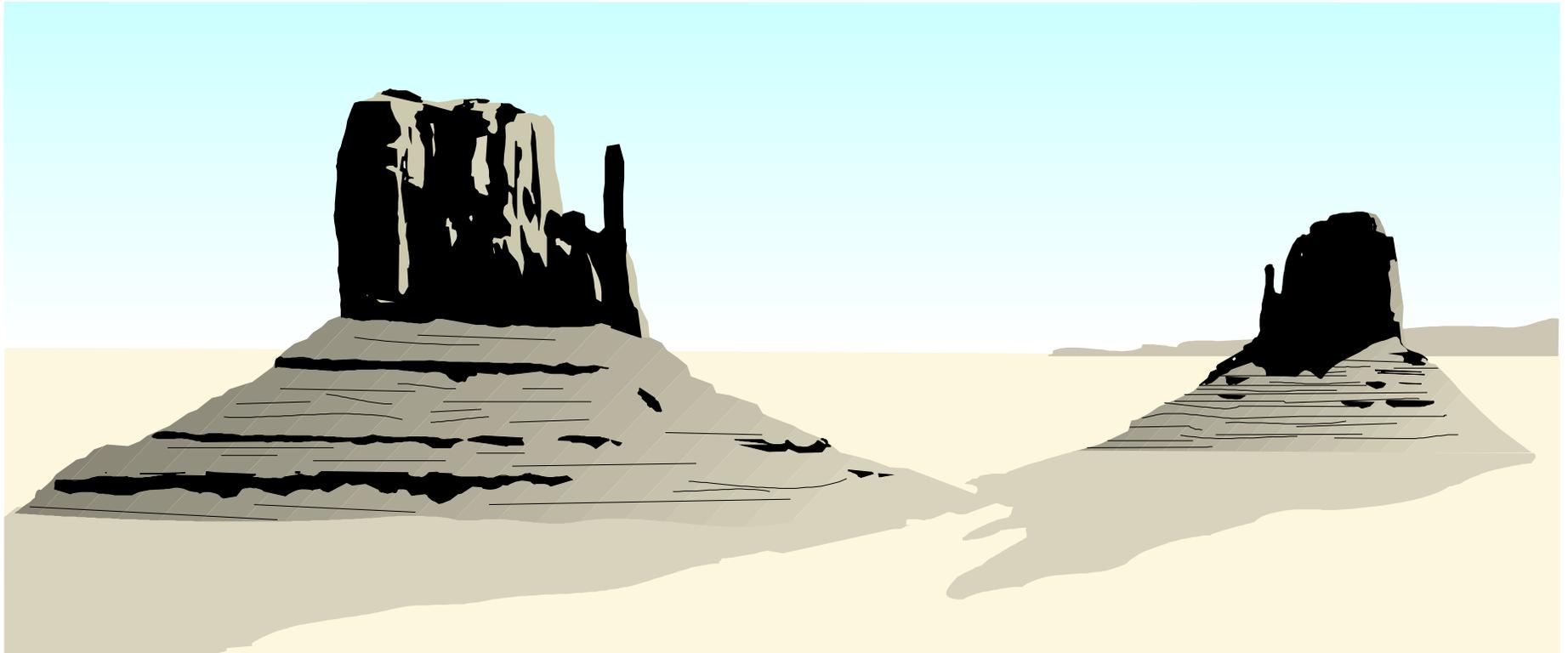
8. PREMATURE MORTALITY

Figure number	Indicators	2007 value for American Indians	Percent above or below the average value for all groups	Average value for all groups in 2007	Definitions
8-1	Median age at death from all causes	59.0	22.4	76.0	The median age (the age in the middle) of Arizonans who died in 2007
8-2	Median age at death from all causes among males	54.0	26.0	73.0	The median age (the age in the middle) of Arizona males who died in 2007
8-3	Median age at death from all causes among females	67.0	16.3	80.0	The median age (the age in the middle) of Arizona females who died in 2007
8-4	Percent of total deaths before expected years of life reached	75.8	44.1	52.6	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	2007 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2007	Definitions
9-1	Incidence of early syphilis	30.5	133.0	8.8	Number of reported cases of early syphilis per 100,000 population
9-2	Incidence of gonorrhea	94.4	19.9	78.7	Number of reported cases of gonorrhea per 100,000 population
9-3	Incidence of chlamydia	641.6	66.0	386.6	Number of reported cases of chlamydia per 100,000 population
9-4	Incidence of genital herpes	35.2	13.2	31.1	Number of reported cases of genital herpes per 100,000 population
9-5	Incidence of HIV/AIDS	8.3	-34.6	12.7	Number of reported cases of HIV/AIDS per 100,000 population

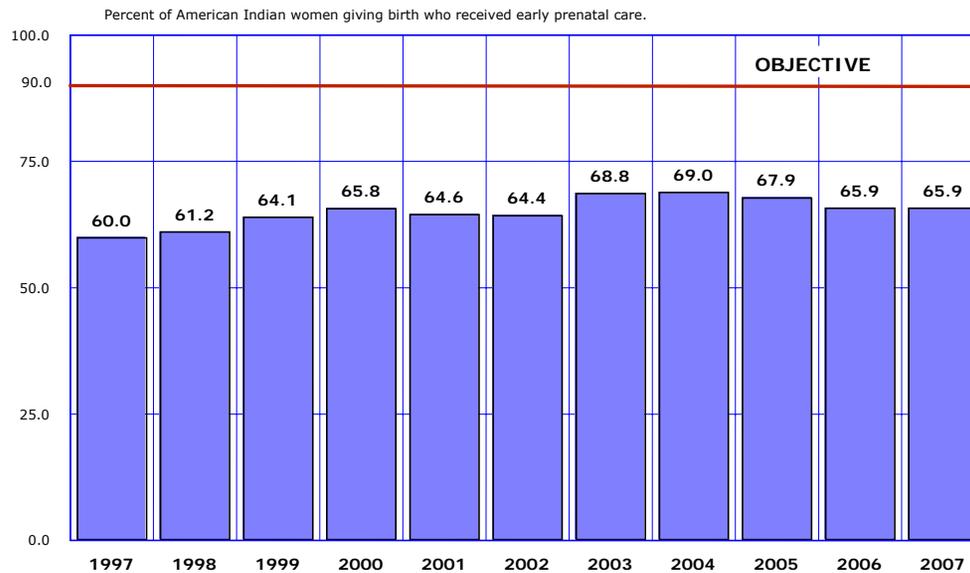


II.

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

2.1 Early Prenatal Care

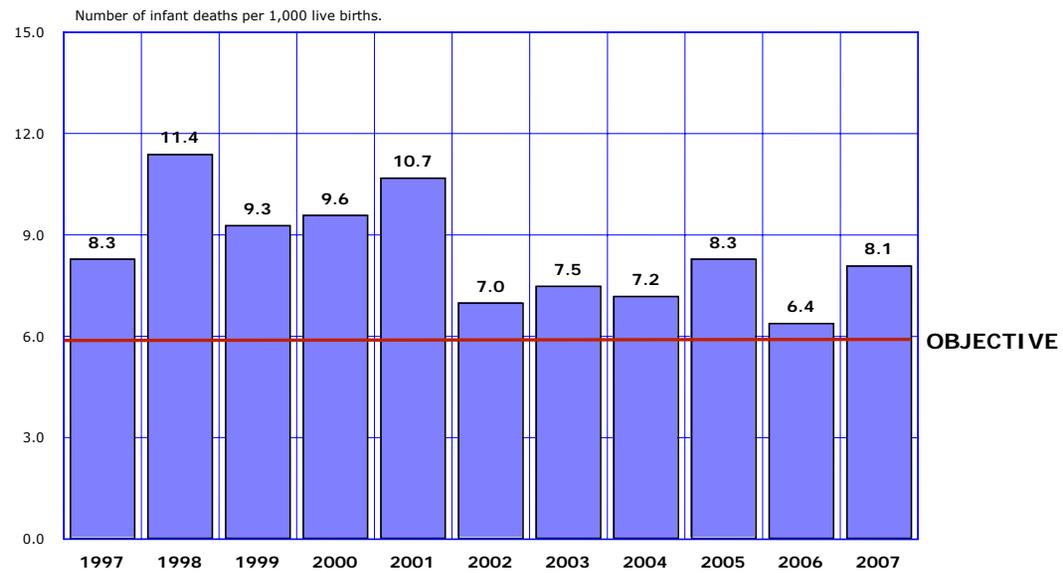
NATIONAL YEAR 2010 OBJECTIVE (HP16-10a*): INCREASE TO 90 PERCENT THE PROPORTION OF WOMEN GIVING BIRTH WHO RECEIVE PRENATAL CARE IN THE FIRST TRIMESTER OF PREGNANCY



Source: Table 1B-2 and Table 1B-12 in *Arizona Health Status and Vital Statistics 2007*.

2.2 Infant Mortality

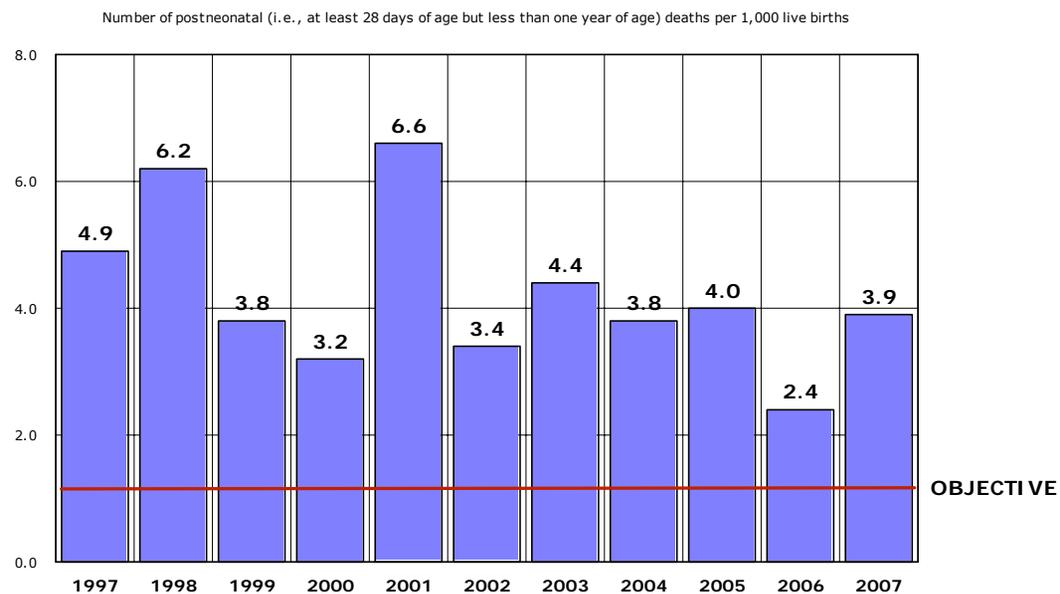
**NATIONAL YEAR 2010 OBJECTIVE (HP16-1c): REDUCE THE RATE OF INFANT DEATHS TO
NO MORE THAN 6 PER 1,000 LIVE BIRTHS**



Source: Table 2C-2 in *Arizona Health Status and Vital Statistics 2007*. 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**



Source: Table 2C-3 or Table 2C-4 in *Arizona Health Status and Vital Statistics 2007*. 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

Number of unintentional injury deaths per 100,000 American Indian population (age-adjusted to the year 2000 standard).

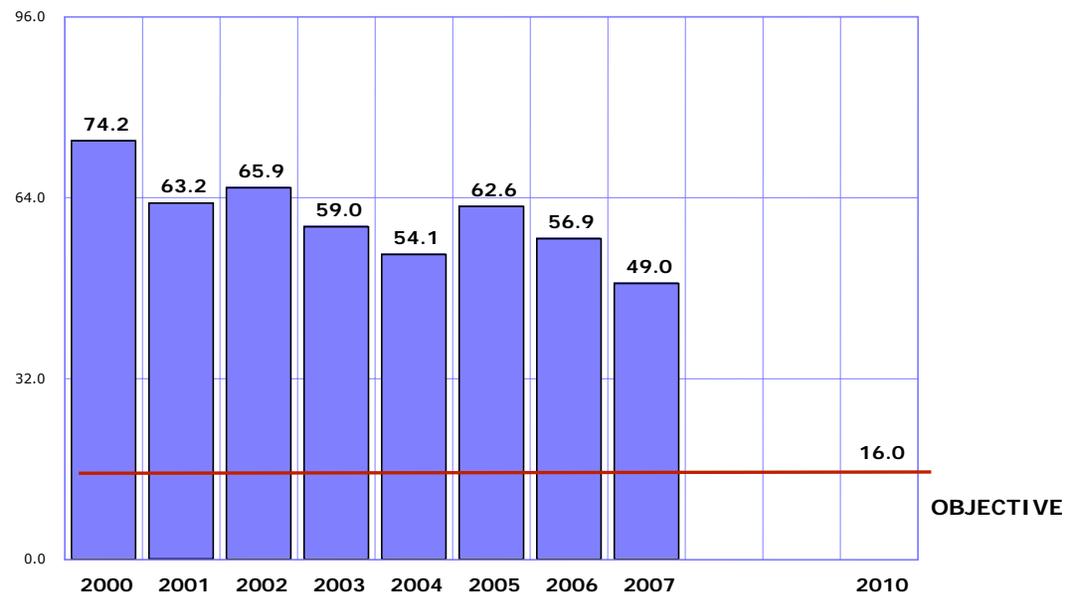


Source: Table 2B-3 in *Arizona Health Status and Vital Statistics 2007*.

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).

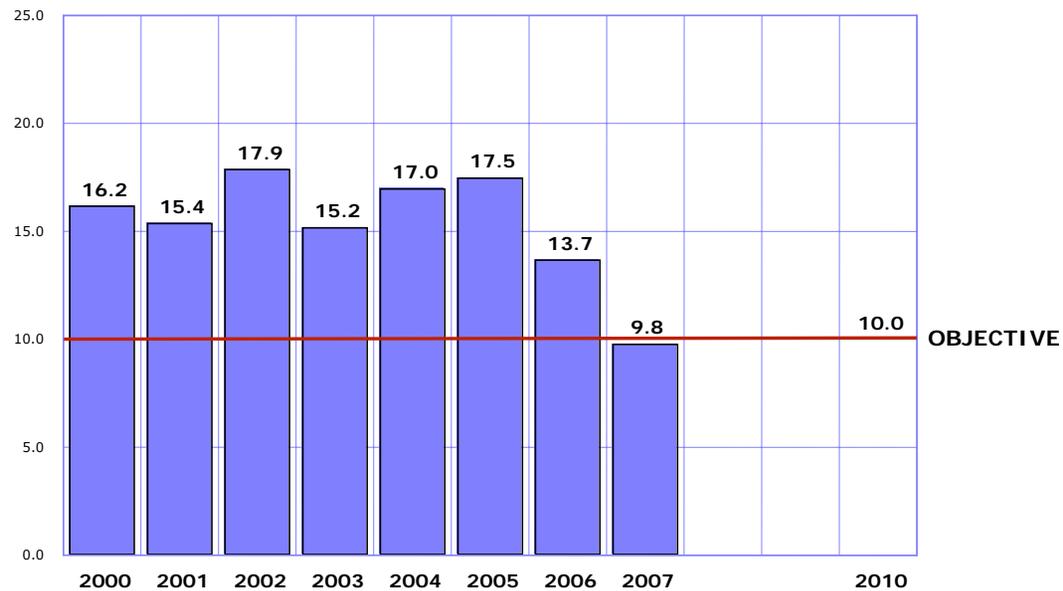


Source: Table 2B-3 in *Arizona Health Status and Vital Statistics 2007*.

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**

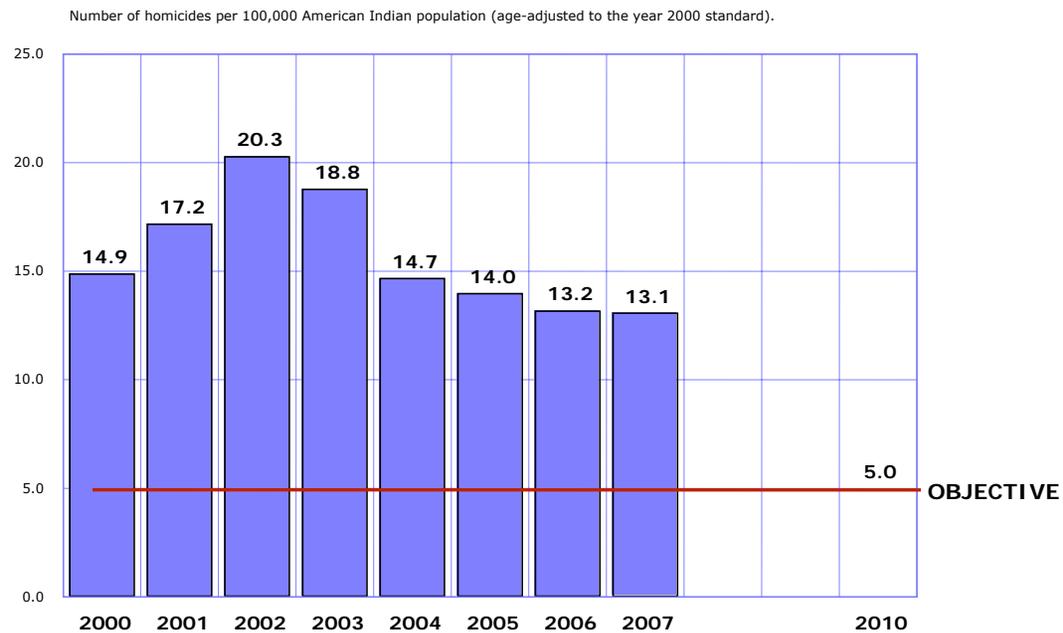
Number of suicides per 100,000 American Indian population (age-adjusted to the year 2000 standard).



Source: Table 2B-3 in *Arizona Health Status and Vital Statistics 2007*.

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**

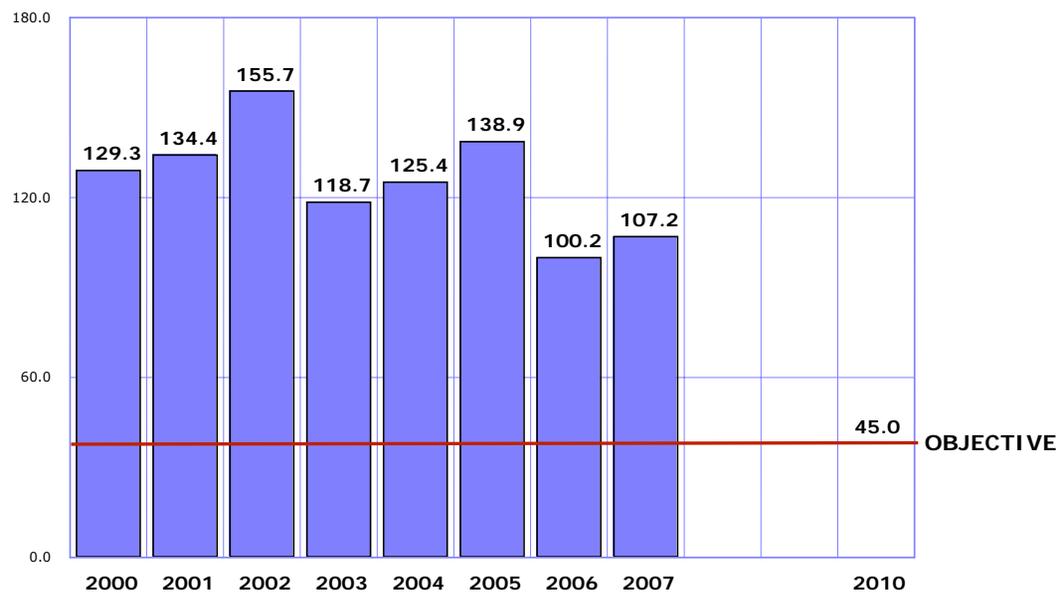


Source: Table 2B-3 in *Arizona Health Status and Vital Statistics 2007*.

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).

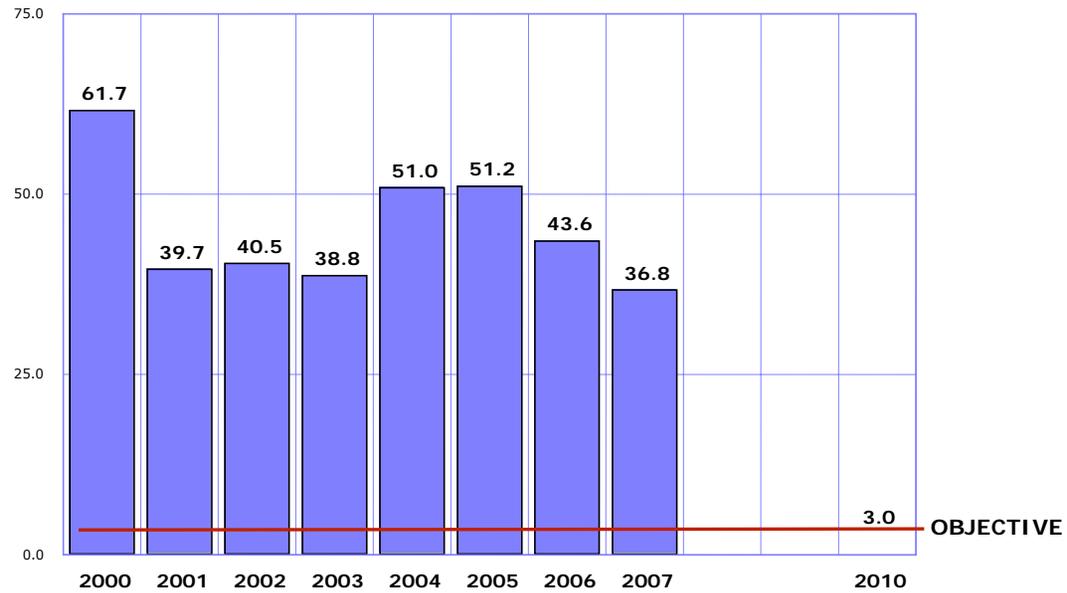


Note: The age-adjusted rate for diabetes as the underlying cause of death among American Indians was 43.9/100,000 in 2006. The rate of 100.2/100,000 in Figure 2.8 accounts for all mentions of diabetes on the death certificates, whether or not it was the underlying cause of death.

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 (age-adjusted to the year 2000 standard).



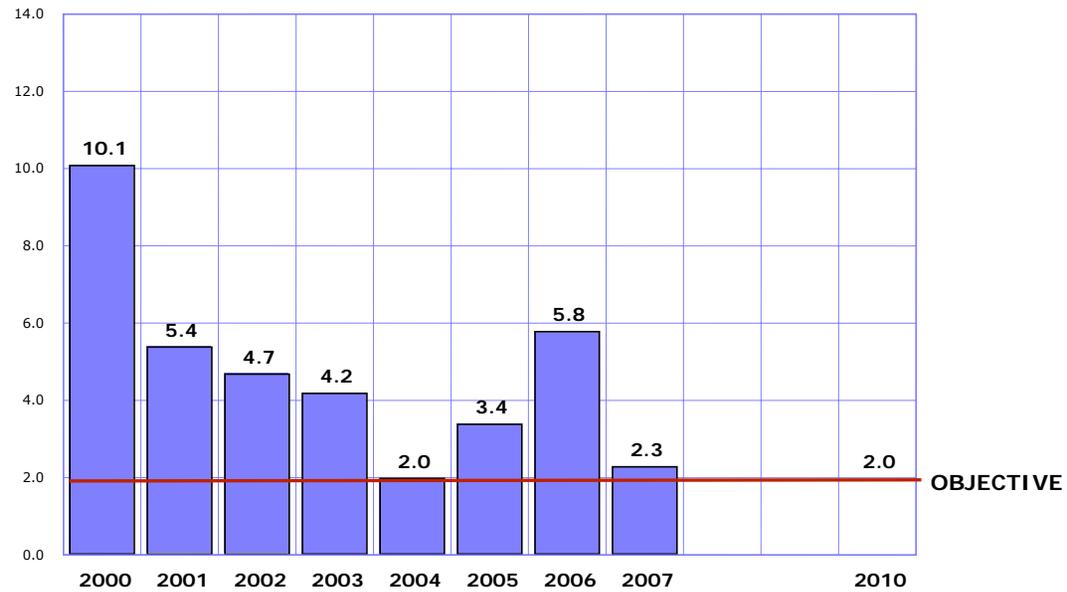
*Chronic liver disease and cirrhosis (ICD-10 codes K70, K73-K74).

Source: Table 2B-3 in *Arizona Health Status and Vital Statistics 2007*.

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
(age-adjusted to the year 2000 standard).



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

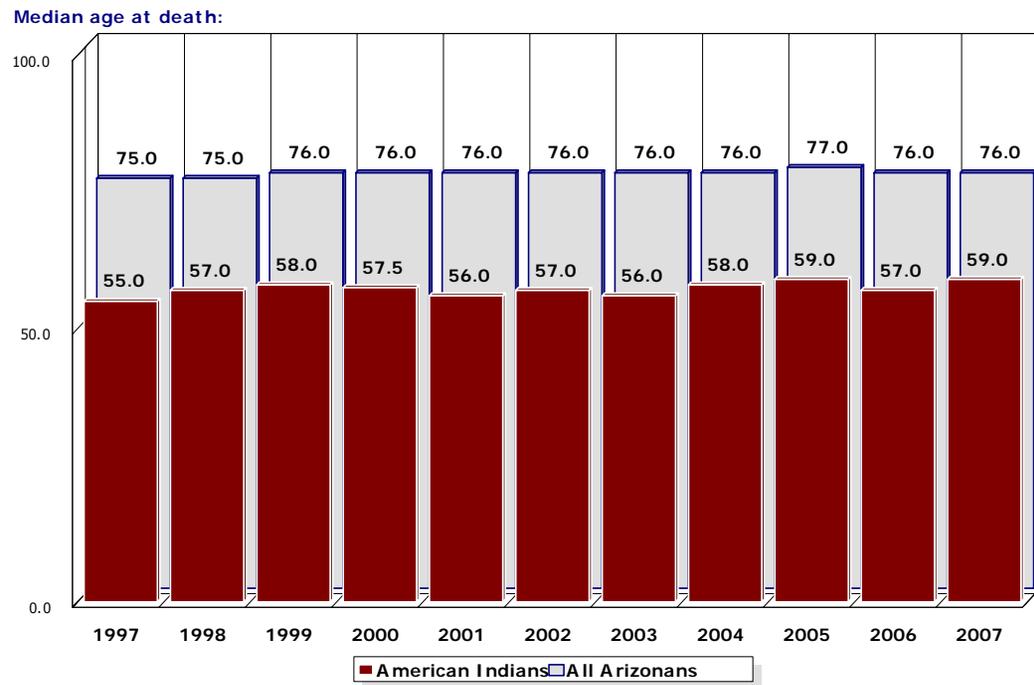
Source: Table 2B-4 in *Arizona Health Status and Vital Statistics 2007*.



III.

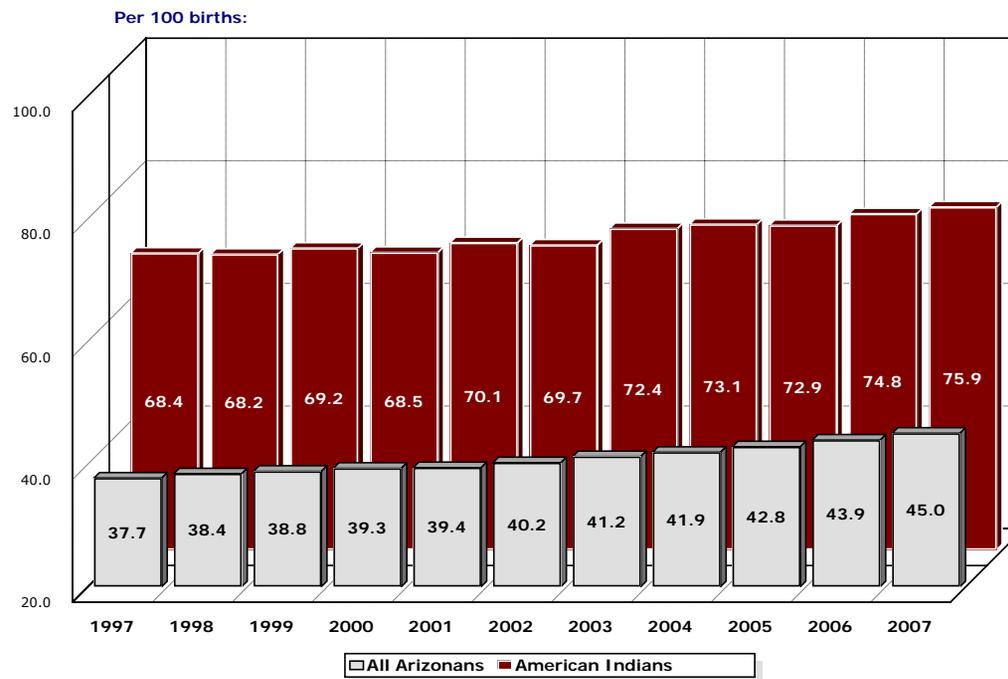
TRENDS IN SELECTED HEALTH PROBLEMS AND HEALTH RISKS AMONG AMERICAN INDIANS IN ARIZONA

3.1 Median Age at Death from all Causes, 1997-2007



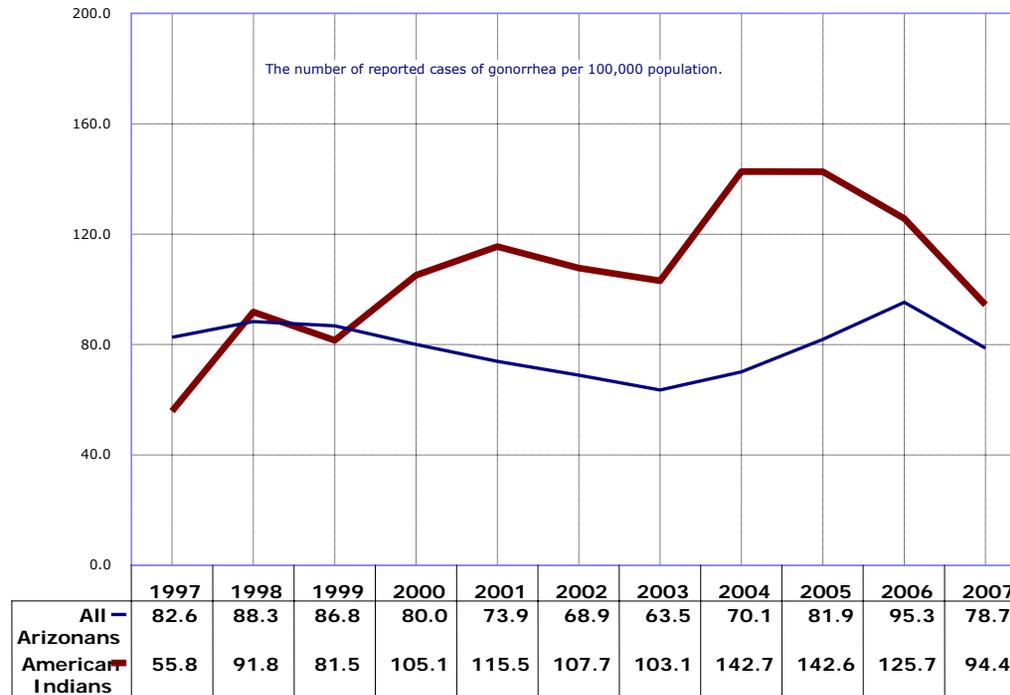
Source: Table 2D-1 in *Arizona Health Status and Vital Statistics 2007*.

3.2 Births to Unmarried Mothers, 1997-2007



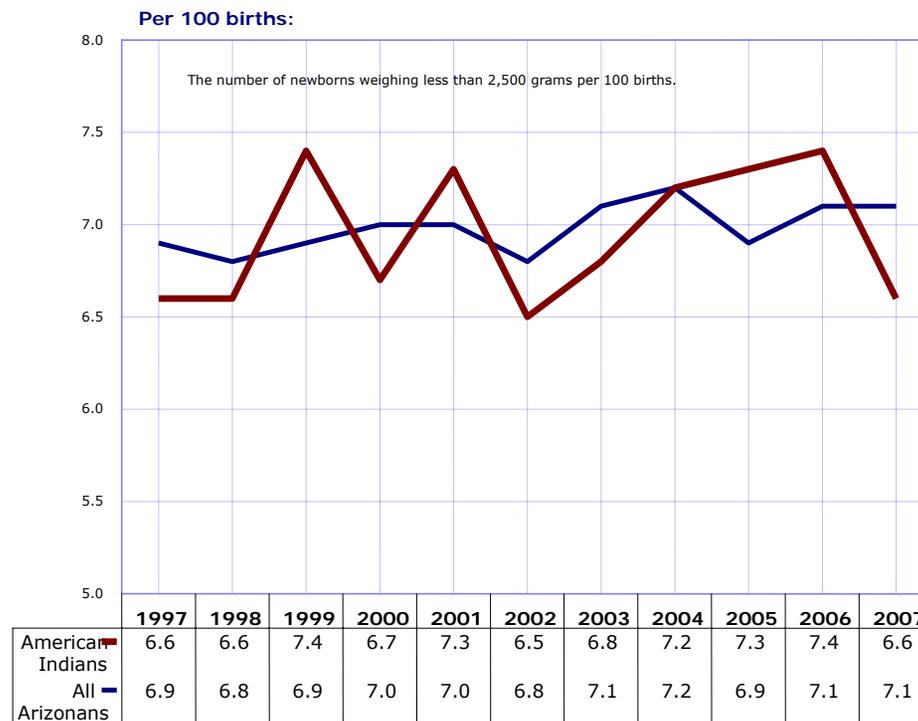
Source: Table 1B-2 and Table 1B-13 in *Arizona Health Status and Vital Statistics 2007*.

3.3 The Incidence of Gonorrhea, 1997-2007



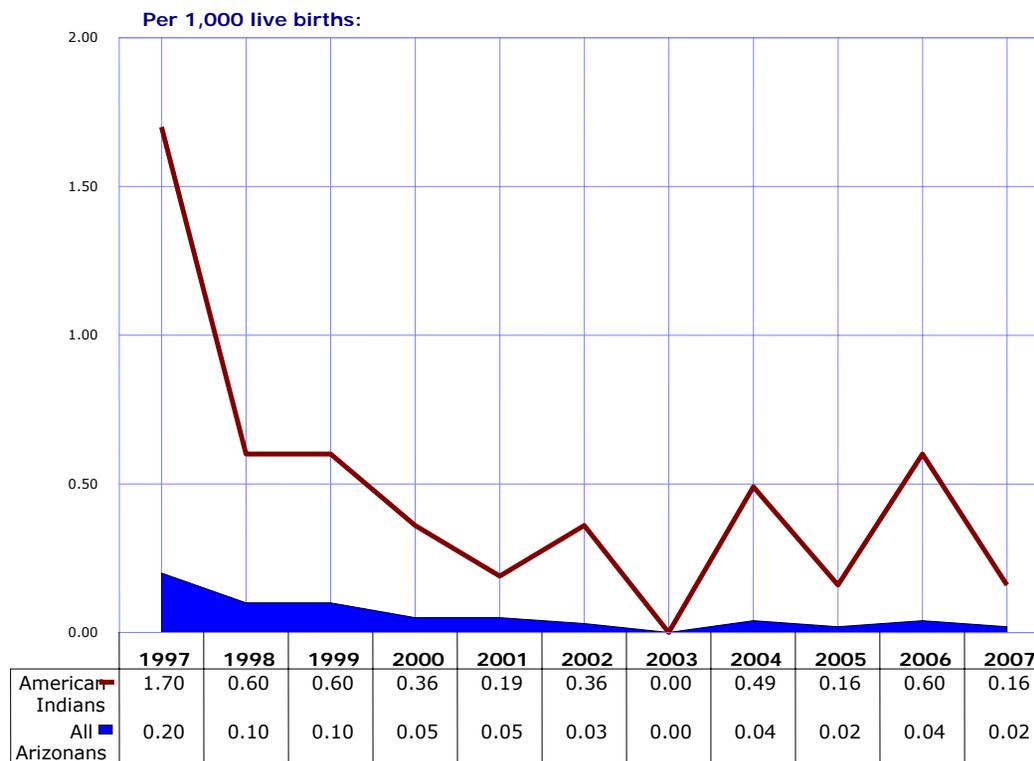
Source: Table 3B-5 in *Arizona Health Status and Vital Statistics 2007*.
 The rates were provided by the STD Program in the Bureau of Epidemiology and Disease Control, ADHS.
 Beginning in 2005, the rates are based on all positive laboratory results with or without communicable disease report.

3.4
The Incidence of Low-Birthweight Births, 1997-2007



Source: Table 1B-2 and Table 1B-12 in *Arizona Health Status and Vital Statistics 2007*.

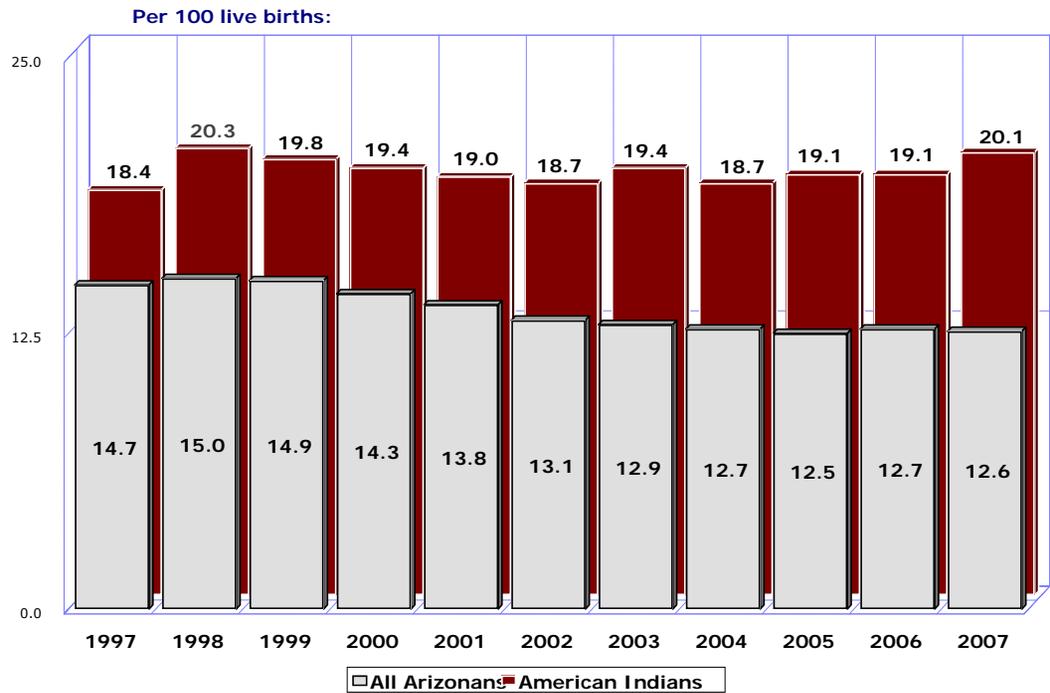
3.5 The Incidence of Fetal Alcohol Syndrome, 1997-2007



Source: Table 1B-26 in *Arizona Health Status and Vital Statistics 2007*.

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

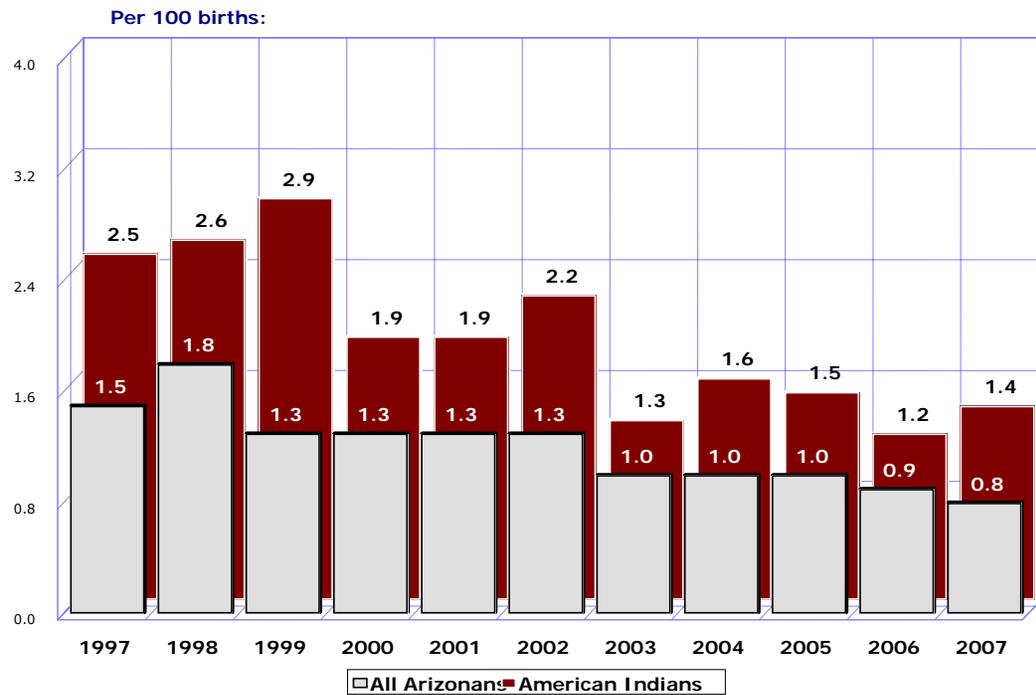
3.6
Births to Teenage Mothers,* 1997-2007



* 19 or younger.

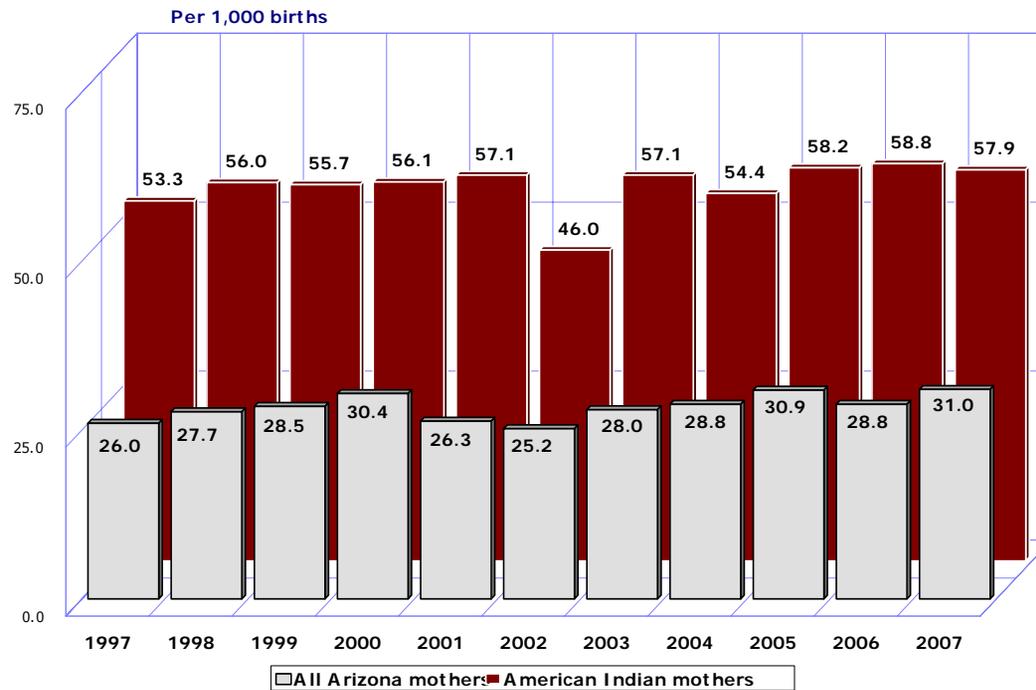
Source: Table 1B-2 and Table 1B-14 in *Arizona Health Status and Vital Statistics 2007*.

3.7
The Incidence of Birth Defects (Congenital Anomalies), 1997-2007



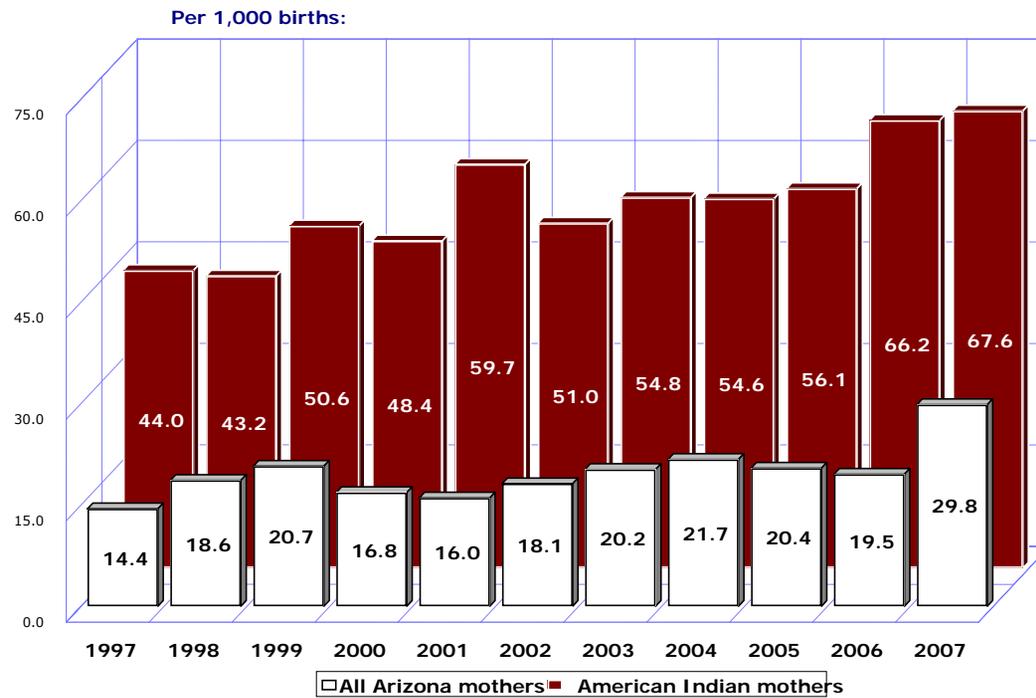
Source: Table 1B-35 in *Arizona Health Status and Vital Statistics 2007*.

3.8
The Incidence of Pregnancy Associated Hypertension, 1997-2007



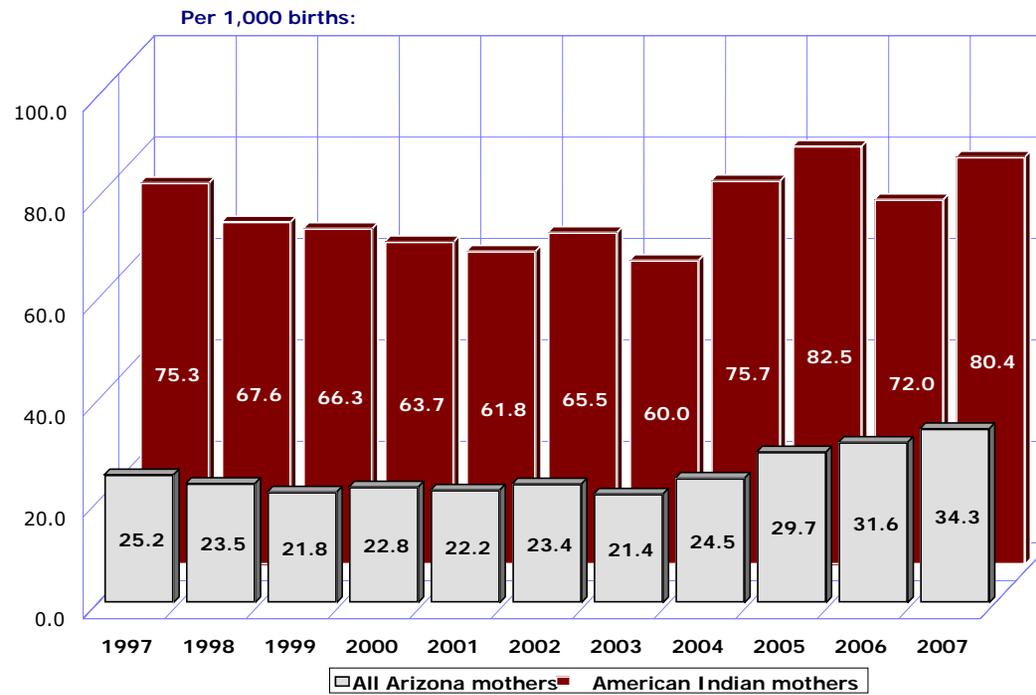
Source: Table 1B-26 in *Arizona Health Status and Vital Statistics 2007*.

3.9
The Incidence of Anemia during Pregnancy, 1997-2007

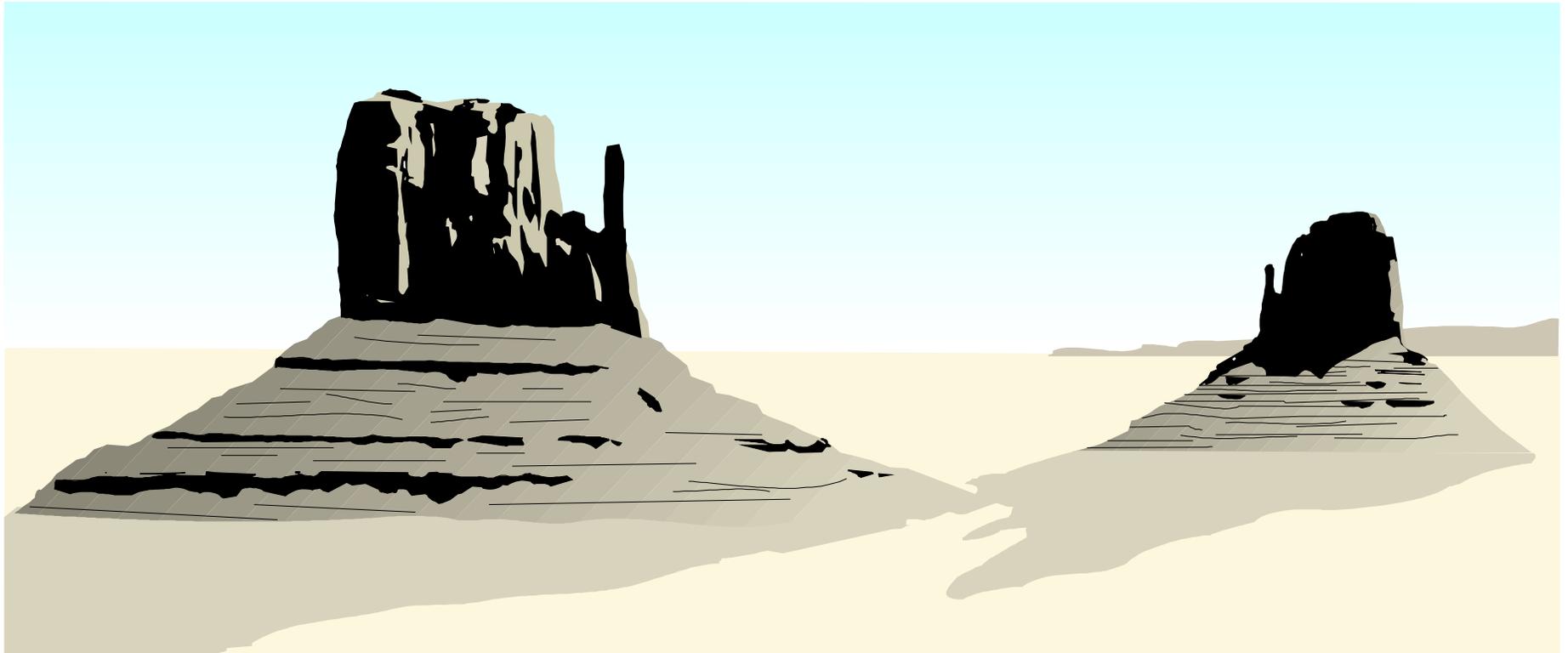


Source: Table 1B-26 in *Arizona Health Status and Vital Statistics 2007*.

3.10
The Incidence of Diabetes during Pregnancy, 1997-2007

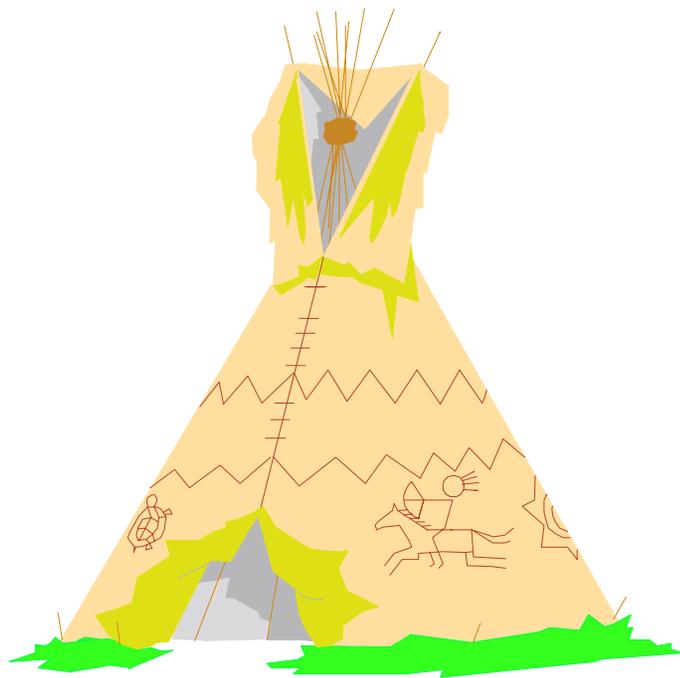


Source: Table 1B-26 in *Arizona Health Status and Vital Statistics 2007*.



IV.

CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND MOTHERS GIVING BIRTH BY PLACE OF RESIDENCE IN ARIZONA IN 2007



SOCIODEMOGRAPHIC CHARACTERISTICS

4.1
MATERNAL AGE (2007 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		6,408	26	445	814	2,083	1,500	952	468	112	8
Resided on reservation	Ak-Chin Indian Community	1	0	0	1	0	0	0	0	0	0
	Cocopah Tribe	19	0	1	3	6	7	1	1	0	0
	Colorado River Indian Tribe	37	0	3	6	15	8	4	1	0	0
	Fort McDowell Yavapai Nation	10	0	0	4	0	4	1	1	0	0
	Fort Mojave Indian Tribe	15	0	1	2	4	5	2	0	1	0
	Fort Yuma Quechan Tribe	22	0	2	6	9	2	2	0	1	0
	Gila River Indian Community	254	1	29	42	84	56	28	13	1	0
	Havasupai Tribe	12	0	1	2	4	2	2	1	0	0
	Hopi Tribe	122	1	11	12	30	35	22	11	0	0
	Hualapai Nation	31	0	2	4	9	8	6	1	1	0
	Navajo Nation	2,229	9	127	265	698	519	348	197	62	4
	Pascua Yaqui Tribe	200	2	26	36	65	35	29	7	0	0
	Salt River Pima-Maricopa Community	102	1	9	14	34	26	16	2	0	0
	San Carlos Apache Tribe	231	4	24	33	71	58	25	12	4	0
	Tohono O'Odham Tribe	438	3	32	58	156	87	68	25	9	0
	White Mountain Apache	419	0	53	65	139	74	51	28	7	2
	Yavapai-Apache Nation	19	0	2	3	4	5	5	0	0	0
	Yavapai-Prescott Indian Tribe	3	0	0	1	0	1	0	0	1	0
	TOTAL	4,164	21	323	557	1,328	932	610	300	87	6
Resided off reservation	---in Maricopa County	1,704	4	85	192	580	443	261	119	19	1
	---in Pima County	143	0	9	11	44	34	29	13	2	1
	---in Coconino County	55	0	4	10	12	16	7	5	1	0
	---elsewhere in Arizona	342	1	24	44	119	75	45	31	3	0
		TOTAL	2,244	5	122	257	755	568	342	168	25

4.2
EDUCATIONAL ATTAINMENT OF MOTHER (2007 STATUS)

		TOTAL BIRTHS	Mother's education						
			< 8	8	9-11	12	13-16	17+	Un-known
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,408	43	148	1,799	2,413	1,786	168	51
Resided on reservation	Ak-Chin Indian Community	1	0	0	0	0	1	0	0
	Cocopah Tribe	19	0	1	7	8	3	0	0
	Colorado River Indian Tribe	37	0	0	15	13	5	2	2
	Fort McDowell Yavapai Nation	10	0	0	5	3	2	0	0
	Fort Mojave Indian Tribe	15	0	0	9	3	3	0	0
	Fort Yuma Quechan Tribe	22	1	0	6	15	0	0	0
	Gila River Indian Community	254	1	14	112	80	39	4	4
	Havasupai Tribe	12	0	0	5	6	1	0	0
	Hopi Tribe	122	1	1	23	45	48	4	0
	Hualapai Nation	31	0	0	8	16	7	0	0
	Navajo Nation	2,229	12	23	507	938	686	49	14
	Pascua Yaqui Tribe	200	5	7	87	63	36	2	0
	Salt River Pima-Maricopa Community	102	3	2	58	23	14	1	1
	San Carlos Apache Tribe	231	0	11	79	100	41	0	0
	Tohono O'Odham Tribe	438	6	23	172	150	79	6	2
	White Mountain Apache	419	2	8	165	162	77	5	0
	Yavapai-Apache Nation	19	0	0	10	6	3	0	0
	Yavapai-Prescott Indian Tribe	3	0	0	1	1	1	0	0
	TOTAL	4,164	31	90	1,269	1,632	1,046	73	23
Resided off reservation	---in Maricopa County	1,704	8	42	380	594	585	74	21
	---in Pima County	143	2	2	35	39	51	14	0
	---in Coconino County	55	0	0	14	18	22	0	1
	---elsewhere in Arizona	342	2	14	101	130	82	7	6
		TOTAL	2,244	12	58	530	781	740	95

4.3
MARITAL STATUS OF MOTHER (2007 STATUS)

		TOTAL BIRTHS	Marital status		
			Married	Unmarried	Other
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,408	1,475	4,861	72
Resided on reservation	Ak-Chin Indian Community	1	0	1	0
	Cocopah Tribe	19	2	17	0
	Colorado River Indian Tribe	37	5	32	0
	Fort McDowell Yavapai Nation	10	1	9	0
	Fort Mojave Indian Tribe	15	2	13	0
	Fort Yuma Quechan Tribe	22	4	18	0
	Gila River Indian Community	254	50	203	1
	Havasupai Tribe	12	0	12	0
	Hopi Tribe	122	14	106	2
	Hualapai Nation	31	7	24	0
	Navajo Nation	2,229	523	1,687	19
	Pascua Yaqui Tribe	200	33	165	2
	Salt River Pima-Maricopa Community	102	12	88	2
	San Carlos Apache Tribe	231	46	184	1
	Tohono O'Odham Tribe	438	56	375	7
	White Mountain Apache	419	92	324	3
	Yavapai-Apache Nation	19	2	17	0
	Yavapai-Prescott Indian Tribe	3	1	2	0
	TOTAL	4,164	850	3,277	37
Resided off reservation	---in Maricopa County	1,704	474	1,209	21
	---in Pima County	143	46	92	5
	---in Coconino County	55	13	41	1
	---elsewhere in Arizona	342	92	242	8
	TOTAL	2,244	625	1,584	35

4.4
RACE/ETHNICITY OF FATHER (2007 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		6,408	341	625	127	3,594	40	1,681
Resided on reservation	Ak-Chin Indian Community	1	0	0	0	1	0	0
	Cocopah Tribe	19	2	4	0	7	0	6
	Colorado River Indian Tribe	37	5	3	1	19	0	9
	Fort McDowell Yavapai Nation	10	1	2	0	4	0	3
	Fort Mojave Indian Tribe	15	1	2	0	5	0	7
	Fort Yuma Quechan Tribe	22	0	5	2	10	0	5
	Gila River Indian Community	254	7	27	3	132	2	83
	Havasupai Tribe	12	0	0	0	8	0	4
	Hopi Tribe	122	2	4	0	85	0	31
	Hualapai Nation	31	0	0	1	17	1	12
	Navajo Nation	2,229	42	47	12	1,647	4	477
	Pascua Yaqui Tribe	200	6	46	0	75	0	73
	Salt River Pima-Maricopa Community	102	1	9	1	53	0	38
	San Carlos Apache Tribe	231	0	4	1	163	0	63
	Tohono O'Odham Tribe	438	11	57	6	194	1	169
	White Mountain Apache	419	2	5	4	329	0	79
	Yavapai-Apache Nation	19	1	5	0	8	0	5
	Yavapai-Prescott Indian Tribe	3	1	0	0	0	0	2
	TOTAL	4,164	82	220	31	2,757	8	1,066
Resided off reservation	---in Maricopa County	1,704	172	314	83	656	22	457
	---in Pima County	143	27	26	6	41	3	40
	---in Coconino County	55	8	2	0	32	2	11
	---elsewhere in Arizona	342	52	63	7	108	5	107
		TOTAL	2,244	259	405	96	837	32

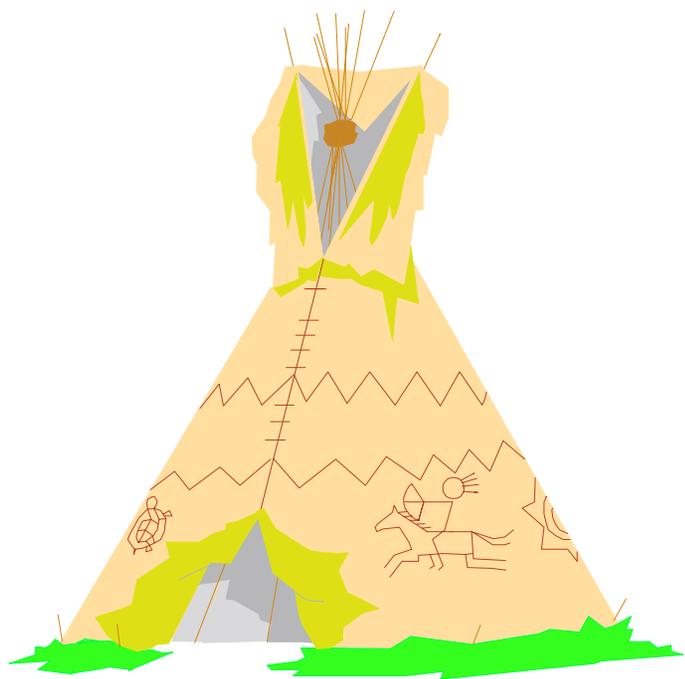
4.5
AGE OF FATHER (2007 STATUS)

		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		6,408	2	173	385	1,339	1,218	876	484	225	96	37	13	1,560
Resided on reservation	Ak-Chin Indian Community	1	0	0	0	1	0	0	0	0	0	0	0	0
	Cocopah Tribe	19	0	0	2	3	6	1	1	0	0	0	0	6
	Colorado River Indian Tribe	37	0	3	2	6	8	4	1	1	2	1	0	9
	Fort McDowell Yavapai Nation	10	0	1	1	4	0	0	0	1	0	0	0	3
	Fort Mojave Indian Tribe	15	0	0	0	5	1	3	0	1	0	0	1	4
	Fort Yuma Quechan Tribe	22	0	0	3	6	3	1	3	1	0	0	0	5
	Gila River Indian Community	254	0	13	20	59	37	21	14	6	2	1	0	81
	Havasupai Tribe	12	0	0	2	3	0	2	0	0	0	1	0	4
	Hopi Tribe	122	0	7	5	23	22	15	11	6	0	2	0	31
	Hualapai Nation	31	0	1	1	8	3	4	0	2	2	0	0	10
	Navajo Nation	2,229	1	51	123	463	434	348	196	99	45	16	4	449
	Pascua Yaqui Tribe	200	0	13	14	40	25	19	15	3	0	0	0	71
	Salt River Pima-Maricopa Community	102	0	10	9	13	15	14	3	0	1	0	0	37
	San Carlos Apache Tribe	231	0	9	17	52	38	22	13	7	9	0	1	63
	Tohono O'Odham Tribe	438	0	12	20	95	71	44	23	8	4	1	1	159
	White Mountain Apache	419	1	25	45	104	72	47	26	14	6	3	2	74
	Yavapai-Apache Nation	19	0	1	2	2	7	2	0	0	0	0	0	5
Yavapai-Prescott Indian Tribe	3	0	0	0	0	0	0	0	0	1	0	0	2	
TOTAL	4,164	2	146	266	887	742	547	306	149	72	25	9	1,013	
Resided off reservation	---in Maricopa County	1,704	0	19	90	343	372	255	140	55	17	7	1	405
	---in Pima County	143	0	1	7	32	20	25	9	8	3	1	1	36
	---in Coconino County	55	0	0	3	12	19	8	4	1	0	0	0	8
	---elsewhere in Arizona	342	0	7	19	65	65	41	25	12	4	4	2	98
	TOTAL	2,244	0	27	119	452	476	329	178	76	24	12	4	547

4.6
SOURCE OF PAYMENT FOR LABOR AND DELIVERY (2007 STATUS)

		TOTAL BIRTHS	Payee for births				
			AHCCCS	IHS	Private insurance	Self	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,408	3,456	1,869	893	51	139
Resided on reservation	Ak-Chin Indian Community	1	0	0	1	0	0
	Cocopah Tribe	19	12	1	6	0	0
	Colorado River Indian Tribe	37	13	19	5	0	0
	Fort McDowell Yavapai Nation	10	1	0	7	1	1
	Fort Mojave Indian Tribe	15	10	1	4	0	0
	Fort Yuma Quechan Tribe	22	10	2	7	2	1
	Gila River Indian Community	254	150	25	73	5	1
	Havasupai Tribe	12	11	0	1	0	0
	Hopi Tribe	122	43	70	6	0	3
	Hualapai Nation	31	26	0	3	2	0
	Navajo Nation	2,229	1,200	872	78	4	75
	Pascua Yaqui Tribe	200	149	29	20	1	1
	Salt River Pima-Maricopa Community	102	60	28	13	1	0
	San Carlos Apache Tribe	231	54	161	16	0	0
	Tohono O'Odham Tribe	438	244	127	58	6	3
	White Mountain Apache	419	168	227	16	3	5
	Yavapai-Apache Nation	19	12	2	5	0	0
	Yavapai-Prescott Indian Tribe	3	1	0	2	0	0
		TOTAL	4,164	2,164	1,564	321	25
Resided off reservation	---in Maricopa County	1,704	1,014	223	447	16	4
	---in Pima County	143	70	24	41	5	3
	---in Coconino County	55	36	3	9	0	7
	---elsewhere in Arizona	342	172	55	75	5	35
		TOTAL	2,244	1,292	305	572	26

*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 (2007 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		6,408	122	1,098	824	497	1,573	2,181	113
Resided on reservation	Ak-Chin Indian Community	1	0	0	1	0	0	0	0
	Cocopah Tribe	19	0	1	1	1	10	6	0
	Colorado River Indian Tribe	37	0	17	3	2	7	8	0
	Fort McDowell Yavapai Nation	10	0	0	0	1	3	6	0
	Fort Mojave Indian Tribe	15	0	1	4	0	2	8	0
	Fort Yuma Quechan Tribe	22	0	0	2	1	8	11	0
	Gila River Indian Community	254	3	23	22	7	142	54	3
	Havasupai Tribe	12	0	0	2	2	2	6	0
	Hopi Tribe	122	1	26	27	8	27	24	9
	Hualapai Nation	31	0	6	4	2	8	10	1
	Navajo Nation	2,229	24	475	276	216	528	635	75
	Pascua Yaqui Tribe	200	4	33	24	21	49	68	1
	Salt River Pima-Maricopa Community	102	4	13	13	7	27	37	1
	San Carlos Apache Tribe	231	5	38	40	9	60	77	2
	Tohono O'Odham Tribe	438	6	75	51	33	106	161	6
	White Mountain Apache	419	16	82	58	28	69	164	2
	Yavapai-Apache Nation	19	0	0	2	1	6	10	0
	Yavapai-Prescott Indian Tribe	3	0	1	0	0	1	1	0
	TOTAL	4,164	63	791	530	339	1,055	1,286	100
Resided off reservation	---in Maricopa County	1,704	32	231	226	131	389	688	7
	---in Pima County	143	4	22	15	12	28	60	2
	---in Coconino County	55	1	6	6	3	12	24	3
	---elsewhere in Arizona	342	22	48	47	12	89	123	1
		TOTAL	2,244	59	307	294	158	518	895

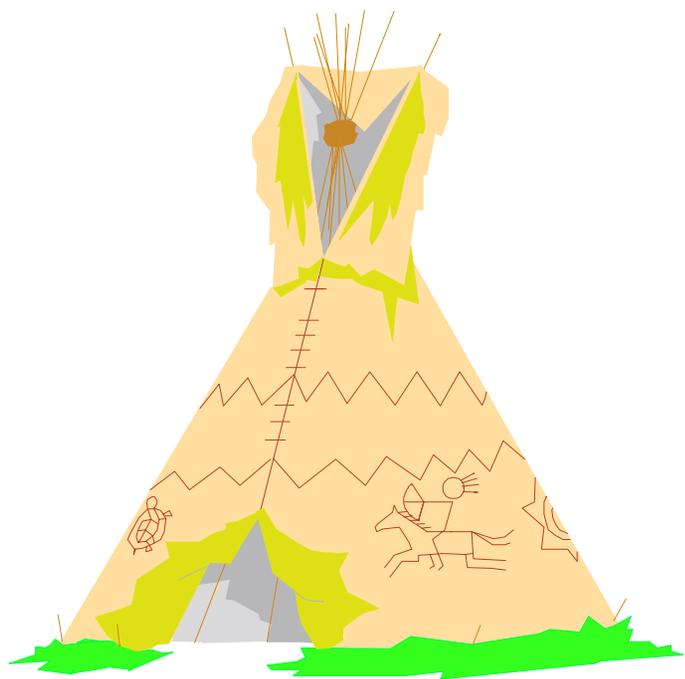
4.8

MEDICAL RISK FACTORS OF PREGNANCY (2007 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		6,408	2,819	433	19	58	515	32	167	0	96	371	62	76	52	26	4	39	1	1,853
Resided on reservation	Ak-Chin Indian Community	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cocopah Tribe	19	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	Colorado River Indian Tribe	37	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fort McDowell Yavapai Nation	10	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
	Fort Mojave Indian Tribe	15	5	0	0	1	0	1	1	0	0	1	0	0	1	0	0	0	0	0
	Fort Yuma Quechan Tribe	22	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Gila River Indian Community	254	53	9	2	2	11	1	3	0	0	7	3	0	0	1	0	2	0	37
	Havasupai Tribe	12	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
	Hopi Tribe	122	47	7	0	0	9	0	4	0	2	13	1	1	2	0	0	2	0	22
	Hualapai Nation	31	4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	4
	Navajo Nation	2,229	886	134	5	15	180	3	54	0	34	139	14	39	25	9	1	14	0	438
	Pascua Yaqui Tribe	200	113	11	0	2	16	1	9	0	1	21	10	0	0	0	0	2	0	87
	Salt River Pima-Maricopa Community	102	62	17	0	2	10	0	3	0	1	9	0	1	1	0	0	0	0	50
	San Carlos Apache Tribe	231	121	31	0	2	21	0	3	0	6	10	1	1	0	0	1	0	0	82
	Tohono O'Odham Tribe	438	267	16	1	0	49	2	20	0	6	26	12	1	1	1	0	1	0	224
	White Mountain Apache	419	197	17	4	10	30	4	6	0	7	43	4	20	15	15	0	13	0	148
	Yavapai-Apache Nation	19	8	0	1	0	2	1	0	0	0	2	0	1	0	0	0	0	0	5
Yavapai-Prescott Indian Tribe	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
	TOTAL	4,164	1,778	243	13	34	332	13	104	0	58	272	45	64	45	26	2	34	0	1,110
Resided off reservation	---in Maricopa County	1,704	813	167	3	15	152	14	52	0	28	77	11	12	6	0	2	4	1	572
	---in Pima County	143	86	4	1	1	6	1	4	0	0	9	6	0	0	0	0	0	0	75
	---in Coconino County	55	23	1	0	3	2	1	0	0	4	1	0	0	0	0	0	0	0	16
	---elsewhere in Arizona	342	119	18	2	5	23	3	7	0	6	12	0	0	1	0	0	1	0	80
		TOTAL	2,244	1,041	190	6	24	183	19	63	0	38	99	17	12	7	0	2	5	1

4.9
SUBSTANCE USE DURING PREGNANCY (2007 STATUS)

		TOTAL BIRTHS	Substance use			
			Drinker, nonsmoker	Smoker, nondrinker	Smoker and drinker	Nonsmoker and nondrinker
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,408	65	151	48	6,144
Resided on reservation	Ak-Chin Indian Community	1	0	0	0	1
	Cocopah Tribe	19	0	1	0	18
	Colorado River Indian Tribe	37	0	0	0	37
	Fort McDowell Yavapai Nation	10	0	0	0	10
	Fort Mojave Indian Tribe	15	0	0	0	15
	Fort Yuma Quechan Tribe	22	0	1	0	21
	Gila River Indian Community	254	1	6	2	245
	Havasupai Tribe	12	1	0	0	11
	Hopi Tribe	122	2	1	0	119
	Hualapai Nation	31	1	1	1	28
	Navajo Nation	2,229	18	26	16	2,169
	Pascua Yaqui Tribe	200	1	1	0	198
	Salt River Pima-Maricopa Community	102	2	4	2	94
	San Carlos Apache Tribe	231	3	9	2	217
	Tohono O'Odham Tribe	438	7	11	8	412
	White Mountain Apache	419	15	4	2	398
	Yavapai-Apache Nation	19	0	1	0	18
	Yavapai-Prescott Indian Tribe	3	0	0	1	2
	TOTAL	4,164	51	66	34	4,013
	Resided off reservation	---in Maricopa County	1,704	8	50	11
---in Pima County		143	5	11	0	127
---in Coconino County		55	0	3	0	52
---elsewhere in Arizona		342	1	21	3	317
TOTAL		2,244	14	85	14	2,131



Utilization of Medical Services

4.10
TRIMESTER OF PREGNANCY PRENATAL CARE BEGAN (2007 STATUS)

		TOTAL BIRTHS	Prenatal care				
			No care	1st trimester	2nd trimester	3rd trimester	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,408	206	4,225	1,534	426	17
Resided on reservation	Ak-Chin Indian Community	1	0	0	1	0	0
	Cocopah Tribe	19	1	5	8	5	0
	Colorado River Indian Tribe	37	0	23	12	2	0
	Fort McDowell Yavapai Nation	10	1	3	2	4	0
	Fort Mojave Indian Tribe	15	0	11	2	2	0
	Fort Yuma Quechan Tribe	22	2	12	5	3	0
	Gila River Indian Community	254	10	207	27	8	2
	Havasupai Tribe	12	0	9	2	1	0
	Hopi Tribe	122	7	73	36	5	1
	Hualapai Nation	31	0	27	1	3	0
	Navajo Nation	2,229	42	1,483	562	132	10
	Pascua Yaqui Tribe	200	8	136	49	7	0
	Salt River Pima-Maricopa Community	102	8	56	25	13	0
	San Carlos Apache Tribe	231	16	126	73	16	0
	Tohono O'Odham Tribe	438	13	278	113	34	0
	White Mountain Apache	419	23	212	116	66	2
	Yavapai-Apache Nation	19	0	11	3	5	0
	Yavapai-Prescott Indian Tribe	3	0	2	1	0	0
	TOTAL	4,164	131	2,674	1,038	306	15
Resided off reservation	---in Maricopa County	1,704	51	1,184	385	84	0
	---in Pima County	143	6	93	31	12	1
	---in Coconino County	55	1	41	11	2	0
	---elsewhere in Arizona	342	17	233	69	22	1
		TOTAL	2,244	75	1,551	496	120

**4.11
NUMBER OF PRENATAL VISITS (2007 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		6,408	206	561	1,701	2,680	1,240	20
Resided on reservation	Ak-Chin Indian Community	1	0	0	1	0	0	0
	Cocopah Tribe	19	1	1	10	4	3	0
	Colorado River Indian Tribe	37	0	4	12	9	12	0
	Fort McDowell Yavapai Nation	10	1	1	2	6	0	0
	Fort Mojave Indian Tribe	15	0	1	5	8	1	0
	Fort Yuma Quechan Tribe	22	2	2	5	8	5	0
	Gila River Indian Community	254	10	13	27	133	69	2
	Havasupai Tribe	12	0	2	4	5	1	0
	Hopi Tribe	122	7	9	34	53	18	1
	Hualapai Nation	31	0	3	5	18	5	0
	Navajo Nation	2,229	42	219	616	895	447	10
	Pascua Yaqui Tribe	200	8	10	41	72	69	0
	Salt River Pima-Maricopa Community	102	8	16	29	43	6	0
	San Carlos Apache Tribe	231	16	29	66	94	26	0
	Tohono O'Odham Tribe	438	13	37	103	182	101	2
	White Mountain Apache	419	23	74	170	125	25	2
	Yavapai-Apache Nation	19	0	3	6	9	1	0
	Yavapai-Prescott Indian Tribe	3	0	1	1	0	1	0
		TOTAL	4,164	131	425	1,137	1,664	790
Resided off reservation	---in Maricopa County	1,704	51	106	424	782	340	1
	---in Pima County	143	6	9	28	67	32	1
	---in Coconino County	55	1	2	14	30	8	0
	---elsewhere in Arizona	342	17	19	98	137	70	1
		TOTAL	2,244	75	136	564	1,016	450

**4.12
OBSTETRIC PROCEDURES (2007 STATUS)**

		TOTAL BIRTHS	Obstetric procedures						
			Amniocentesis	Electronic Fetal Monitor	Induction of labor	Stimulation of labor	Tocolysis	Ultrasound	Other
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,408	53	5,940	1,133	1,095	67	3,600	511
Resided on reservation	Ak-Chin Indian Community	1	0	1	0	1	0	0	0
	Cocopah Tribe	19	0	18	0	0	0	19	0
	Colorado River Indian Tribe	37	0	37	2	4	0	23	0
	Fort McDowell Yavapai Nation	10	0	8	1	2	0	9	0
	Fort Mojave Indian Tribe	15	0	10	8	1	0	9	0
	Fort Yuma Quechan Tribe	22	0	22	1	1	0	22	0
	Gila River Indian Community	254	0	247	18	13	1	225	10
	Havasupai Tribe	12	1	11	2	5	1	1	0
	Hopi Tribe	122	1	100	30	16	3	30	3
	Hualapai Nation	31	0	30	4	3	0	1	1
	Navajo Nation	2,229	11	2,084	432	369	19	1,036	64
	Pascua Yaqui Tribe	200	1	199	6	12	0	169	11
	Salt River Pima-Maricopa Community	102	1	100	20	35	1	49	19
	San Carlos Apache Tribe	231	4	178	43	25	1	119	45
	Tohono O'Odham Tribe	438	2	423	39	31	0	351	23
	White Mountain Apache	419	6	299	77	103	21	332	28
	Yavapai-Apache Nation	19	0	19	6	1	0	18	0
	Yavapai-Prescott Indian Tribe	3	0	3	0	0	0	2	1
	TOTAL	4,164	27	3,789	689	622	47	2,415	205
Resided off reservation	---in Maricopa County	1,704	23	1,659	368	399	16	804	274
	---in Pima County	143	0	136	23	20	1	125	10
	---in Coconino County	55	1	53	14	17	0	14	0
	---elsewhere in Arizona	342	2	303	39	37	3	242	22
		TOTAL	2,244	26	2,151	444	473	20	1,185

4.13

COMPLICATIONS OF LABOR AND DELIVERY (2007 STATUS)

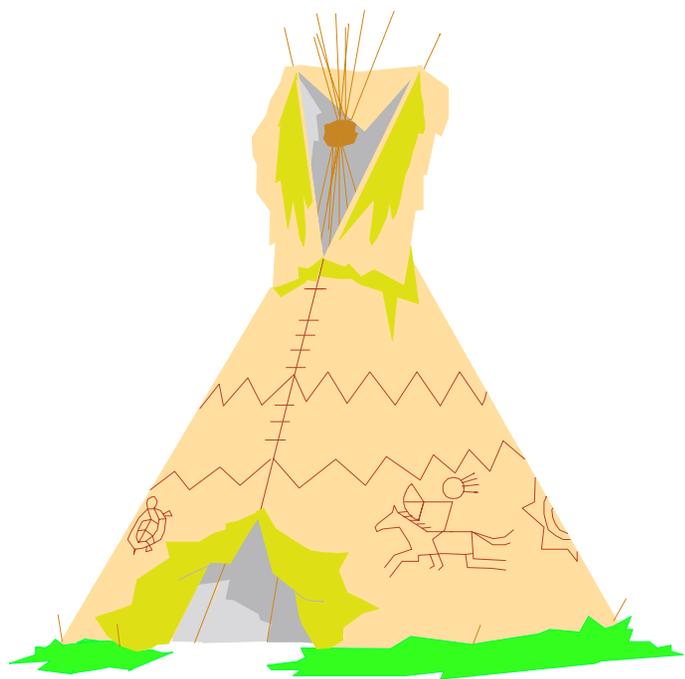
		TOTAL BIRTHS	Births with complications of labor and/or delivery	Complications of labor and/or delivery																
				Febrile	Meconium	Rupture of membrane	Abruptio placenta	Placenta previa	Other bleeding	Seizures	Precipitous labor	Prolonged labor	Dysfunctional labor	Breech malpresentation	Cephalopelvic disp.	Cord prolapse	Anesthetic complic.	Fetal distress	Other	
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,408	1,930	1	237	985	133	264	245	37	12	87	7	94	99	186	192	38	7	
Resided on reservation	Ak-Chin Indian Community	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	Cocopah Tribe	19	7	0	1	5	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	Colorado River Indian Tribe	37	3	0	0	1	0	1	0	0	0	0	0	0	0	1	1	0	0	0
	Fort McDowell Yavapai Nation	10	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0
	Fort Mojave Indian Tribe	15	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fort Yuma Quechan Tribe	22	6	0	1	2	0	4	0	1	0	0	0	0	0	0	0	1	0	0
	Gila River Indian Community	254	60	0	12	35	7	3	6	1	0	1	0	2	1	0	5	0	1	0
	Havasupai Tribe	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hopi Tribe	122	38	0	4	12	2	3	7	1	0	5	0	3	9	6	4	0	0	0
	Hualapai Nation	31	2	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
	Navajo Nation	2,229	588	0	87	153	48	90	110	16	4	35	4	42	39	95	54	11	5	0
	Pascua Yaqui Tribe	200	59	0	11	30	0	14	5	0	2	2	0	1	1	0	4	0	0	0
	Salt River Pima-Maricopa Community	102	44	1	3	24	4	9	4	1	0	1	0	4	1	2	5	1	0	0
	San Carlos Apache Tribe	231	82	0	7	51	2	10	2	2	0	4	0	8	1	0	7	6	0	0
	Tohono O'Odham Tribe	438	132	0	12	68	4	23	21	3	0	4	0	4	3	3	8	1	0	0
	White Mountain Apache	419	147	0	31	112	5	14	22	3	1	11	0	2	12	35	28	10	0	0
	Yavapai-Apache Nation	19	8	0	0	4	0	0	0	0	0	0	0	1	1	1	3	0	0	0
	Yavapai-Prescott Indian Tribe	3	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	4,164	1,182	1	170	500	73	172	179	28	7	64	4	67	68	143	121	30	6	0	
Resided off reservation	---in Maricopa County	1,704	618	0	51	403	58	77	54	6	3	22	3	18	30	38	56	8	0	
	---in Pima County	143	52	0	3	39	0	8	4	1	1	0	0	3	0	1	3	0	1	
	---in Coconino County	55	7	0	0	4	0	1	0	0	0	0	0	3	1	1	2	0	0	
	---elsewhere in Arizona	342	71	0	13	39	2	6	8	2	1	1	0	3	0	3	10	0	0	
	TOTAL	2,244	748	0	67	485	60	92	66	9	5	23	3	27	31	43	71	8	1	0

4.14
METHOD OF DELIVERY (2007 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		6,408	4,830	111	808	659	37	90
Resided on reservation	Ak-Chin Indian Community	1	1	0	0	0	0	0
	Cocopah Tribe	19	9	0	5	5	0	1
	Colorado River Indian Tribe	37	25	0	5	7	0	0
	Fort McDowell Yavapai Nation	10	6	0	1	3	1	0
	Fort Mojave Indian Tribe	15	9	0	3	3	0	0
	Fort Yuma Quechan Tribe	22	14	1	2	5	0	0
	Gila River Indian Community	254	181	0	36	37	0	1
	Havasupai Tribe	12	10	0	2	0	0	0
	Hopi Tribe	122	97	4	13	8	2	0
	Hualapai Nation	31	24	0	5	2	0	0
	Navajo Nation	2,229	1,780	63	211	175	10	21
	Pascua Yaqui Tribe	200	160	2	20	18	0	1
	Salt River Pima-Maricopa Community	102	66	2	20	14	1	0
	San Carlos Apache Tribe	231	162	1	35	33	0	15
	Tohono O'Odham Tribe	438	334	11	44	49	0	6
	White Mountain Apache	419	305	1	51	62	12	11
	Yavapai-Apache Nation	19	13	0	3	3	1	0
	Yavapai-Prescott Indian Tribe	3	3	0	0	0	0	0
TOTAL	4,164	3,199	85	456	424	27	56	
Resided off reservation	---in Maricopa County	1,704	1,234	21	270	179	8	29
	---in Pima County	143	108	0	22	13	0	0
	---in Coconino County	55	40	0	11	4	0	0
	---elsewhere in Arizona	342	249	5	49	39	2	5
	TOTAL	2,244	1,631	26	352	235	10	34

**4.15
ATTENDANT AT BIRTH (2007 STATUS)**

		TOTAL BIRTHS	M.D.	C.N.M	Hospital Admin.	Midwife	D.O.	Other	Un-known
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,408	3,981	1,825	0	53	532	13	4
Resided on reservation	Ak-Chin Indian Community	1	0	1	0	0	0	0	0
	Cocopah Tribe	19	17	2	0	0	0	0	0
	Colorado River Indian Tribe	37	12	0	0	0	25	0	0
	Fort McDowell Yavapai Nation	10	9	0	0	0	1	0	0
	Fort Mojave Indian Tribe	15	12	0	0	0	3	0	0
	Fort Yuma Quechan Tribe	22	16	6	0	0	0	0	0
	Gila River Indian Community	254	179	4	0	0	69	2	0
	Havasupai Tribe	12	10	0	0	0	2	0	0
	Hopi Tribe	122	68	52	0	0	2	0	0
	Hualapai Nation	31	20	1	0	0	10	0	0
	Navajo Nation	2,229	933	1,167	0	32	89	6	2
	Pascua Yaqui Tribe	200	133	67	0	0	0	0	0
	Salt River Pima-Maricopa Community	102	72	29	0	0	1	0	0
	San Carlos Apache Tribe	231	212	6	0	0	13	0	0
	Tohono O'Odham Tribe	438	387	40	0	0	10	1	0
	White Mountain Apache	419	276	7	0	0	135	1	0
	Yavapai-Apache Nation	19	19	0	0	0	0	0	0
	Yavapai-Prescott Indian Tribe	3	3	0	0	0	0	0	0
	TOTAL	4,164	2,378	1,382	0	32	360	10	2
Resided off reservation	---in Maricopa County	1,704	1,166	422	0	2	113	0	1
	---in Pima County	143	128	9	0	1	5	0	0
	---in Coconino County	55	50	2	0	1	2	0	0
	---elsewhere in Arizona	342	259	10	0	17	52	3	1
		TOTAL	2,244	1,603	443	0	21	172	3



Newborn's Health

4.16
GESTATIONAL AGE (2007 STATUS)

		TOTAL BIRTHS	Length of gestation			
			<37 weeks	37-41 weeks	42+ weeks	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,408	667	5,671	64	6
Resided on reservation	Ak-Chin Indian Community	1	0	1	0	0
	Cocopah Tribe	19	3	16	0	0
	Colorado River Indian Tribe	37	4	33	0	0
	Fort McDowell Yavapai Nation	10	3	7	0	0
	Fort Mojave Indian Tribe	15	0	15	0	0
	Fort Yuma Quechan Tribe	22	1	20	1	0
	Gila River Indian Community	254	16	235	2	1
	Havasupai Tribe	12	0	12	0	0
	Hopi Tribe	122	12	107	3	0
	Hualapai Nation	31	3	27	1	0
	Navajo Nation	2,229	191	1,997	37	4
	Pascua Yaqui Tribe	200	26	174	0	0
	Salt River Pima-Maricopa Community	102	14	88	0	0
	San Carlos Apache Tribe	231	35	196	0	0
	Tohono O'Odham Tribe	438	48	386	3	1
	White Mountain Apache	419	53	360	6	0
	Yavapai-Apache Nation	19	2	17	0	0
	Yavapai-Prescott Indian Tribe	3	1	2	0	0
	TOTAL	4,164	412	3,693	53	6
	Resided off reservation	---in Maricopa County	1,704	195	1,500	9
---in Pima County		143	16	127	0	0
---in Coconino County		55	7	48	0	0
---elsewhere in Arizona		342	37	303	2	0
TOTAL		2,244	255	1,978	11	0

4.17
WEIGHT AT BIRTH (2007 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		6,408	32	33	361	5,408	569	5
Resided on reservation	Ak-Chin Indian Community	1	0	0	0	1	0	0
	Cocopah Tribe	19	0	0	0	15	4	0
	Colorado River Indian Tribe	37	0	0	3	28	6	0
	Fort McDowell Yavapai Nation	10	1	0	0	8	1	0
	Fort Mojave Indian Tribe	15	0	0	1	13	1	0
	Fort Yuma Quechan Tribe	22	0	0	0	20	2	0
	Gila River Indian Community	254	5	0	10	214	25	0
	Havasupai Tribe	12	0	0	0	12	0	0
	Hopi Tribe	122	1	3	9	106	3	0
	Hualapai Nation	31	0	0	1	28	2	0
	Navajo Nation	2,229	4	2	120	1,936	164	3
	Pascua Yaqui Tribe	200	1	2	12	171	14	0
	Salt River Pima-Maricopa Community	102	1	0	5	83	13	0
	San Carlos Apache Tribe	231	4	2	13	198	14	0
	Tohono O'Odham Tribe	438	0	1	25	361	51	0
	White Mountain Apache	419	2	6	32	352	27	0
	Yavapai-Apache Nation	19	0	0	1	16	2	0
	Yavapai-Prescott Indian Tribe	3	0	0	1	2	0	0
	TOTAL	4,164	19	16	233	3,564	329	3
	Resided off reservation	---in Maricopa County	1,704	7	14	93	1,402	188
---in Pima County		143	2	0	7	122	11	1
---in Coconino County		55	0	0	9	43	3	0
---elsewhere in Arizona		342	4	3	19	277	38	1
TOTAL		2,244	13	17	128	1,844	240	2

4.18

ABNORMAL CONDITIONS OF THE NEWBORN (2007 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		6,408	334	8	28	1	13	5	44	32	7	263
Resided on reservation	Ak-Chin Indian Community	1	0	0	0	0	0	0	0	0	0	0
	Cocopah Tribe	19	4	0	0	0	1	0	0	4	0	4
	Colorado River Indian Tribe	37	8	0	0	0	0	0	5	0	0	3
	Fort McDowell Yavapai Nation	10	0	0	0	0	0	0	0	0	0	0
	Fort Mojave Indian Tribe	15	0	0	0	0	0	0	0	0	0	0
	Fort Yuma Quechan Tribe	22	1	0	0	0	0	0	0	1	0	1
	Gila River Indian Community	254	10	0	0	0	0	0	0	0	0	10
	Havasupai Tribe	12	0	0	0	0	0	0	0	0	0	0
	Hopi Tribe	122	3	0	0	0	0	0	0	0	0	3
	Hualapai Nation	31	0	0	0	0	0	0	0	0	0	0
	Navajo Nation	2,229	78	5	5	0	2	3	18	8	2	44
	Pascua Yaqui Tribe	200	5	0	0	0	0	0	0	0	0	5
	Salt River Pima-Maricopa Community	102	3	0	0	0	1	0	0	0	0	3
	San Carlos Apache Tribe	231	29	0	0	0	0	1	0	1	0	27
	Tohono O'Odham Tribe	438	17	0	0	0	0	0	2	0	0	17
	White Mountain Apache	419	62	0	20	1	3	0	5	13	2	49
	Yavapai-Apache Nation	19	5	0	0	0	0	0	0	0	0	5
	Yavapai-Prescott Indian Tribe	3	0	0	0	0	0	0	0	0	0	0
	TOTAL	4,164	225	5	25	1	7	4	30	27	4	171
Resided off reservation	---in Maricopa County	1,704	46	3	0	0	2	1	4	1	0	39
	---in Pima County	143	25	0	1	0	1	0	7	0	3	22
	---in Coconino County	55	0	0	0	0	0	0	0	0	0	0
	---elsewhere in Arizona	342	38	0	2	0	3	0	3	4	0	31
	TOTAL	2,244	109	3	3	0	6	1	14	5	3	92

4.19

CONGENITAL ANOMALIES / BIRTH DEFECTS (2007 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 atresia	Omphalocele/ gastroschisis	Other gastrointestinal	Malformed genitalia	Renal agenesis	Other urogenital	Cleft lip/palate	Polydactyly/ syndactyly/ adactyly	Club foot	Diaphragmatic hernia	Other musculoskeletal	Down's syndrome	Other chromosomal	Other		
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,408	88	0	0	1	0	2	2	15	0	1	1	2	3	1	13	8	2	2	0	7	2	2	37		
Resided on reservation	Ak-Chin Indian Community	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Cocopah Tribe	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Colorado River Indian Tribe	37	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 McDowell Yavapai Nation	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 Mojave Indian 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	
	Fort Yuma Quechan Tribe	22	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	254	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	Havasupai Tribe	12	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	122	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
	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	0
	Navajo Nation	2,229	23	0	0	0	0	0	1	3	0	0	1	0	2	0	1	3	1	1	0	3	1	0	9	0	
	Pascua Yaqui Tribe	200	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
	Salt River Pima-Maricopa Community	102	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	San Carlos Apache Tribe	231	6	0	0	0	0	0	0	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	
	Tohono O'Odham Tribe	438	6	0	0	0	0	0	0	2	0	0	0	0	0	1	1	1	0	0	0	0	1	0	1	1	
	White Mountain Apache	419	28	0	0	0	0	0	0	3	0	0	0	0	1	0	9	1	0	0	0	0	0	2	17	0	
	Yavapai-Apache Nation	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Yavapai-Prescott Indian Tribe	3	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		4,164	67	0	0	0	0	0	1	13	0	0	1	0	3	1	11	6	1	1	0	4	2	2	30		
Resided off reservation	---in Maricopa County	1,704	10	0	0	1	0	2	1	1	0	0	0	0	0	0	1	2	1	0	0	1	0	0	4		
	---in Pima County	143	3	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0		
	---in Coconino County	55	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	342	8	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	1	0	1	0	0	3		
	TOTAL		2,244	21	0	0	1	0	2	1	2	0	1	0	2	0	0	2	2	1	1	0	3	0	0	7	

4.20

CAUSES OF INFANT DEATHS AMONG AMERICAN INDIAN RESIDENTS, ARIZONA, 2007

	TOTAL STATE	Resided on reservation									Resided off reservation				
		Total	Cocopah Tribe	Gila River Indian Community	Hopi Tribe	Navajo Nation	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, all causes	52	34	1	5	1	12	1	1	4	9	18	7	1	3	7
Certain conditions originating in the perinatal period	19	15	0	2	0	6	1	1	1	4	4	2	1	0	1
Maternal complications	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Short gestation and low birth weight	5	4	0	2	0	1	0	0	1	0	1	0	1	0	0
Bacterial sepsis of newborn	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0
Congenital malformations	11	5	0	1	0	2	0	0	0	2	6	2	0	1	3
of heart	2	2	0	0	0	1	0	0	0	1	0	0	0	0	0
of brain, spinal cord or nervous system	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0
of respiratory system	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Sudden infant death syndrome	4	3	1	0	0	1	0	0	0	1	1	0	0	1	0
Accidents (unintentional injury)	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Motor vehicle	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Influenza and pneumonia	2	1	0	0	0	1	0	0	0	0	1	1	0	0	0
Other diseases of the respiratory system	2	0	0	0	0	0	0	0	0	0	2	1	0	1	0
Diseases of the circulatory system	2	2	0	0	0	1	0	0	0	1	0	0	0	0	0
Diseases of the nervous system	2	2	0	1	0	0	0	0	0	1	0	0	0	0	0
Assault (homicide)	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0
Septicemia	2	2	0	0	1	0	0	0	1	0	0	0	0	0	0
Other ill-defined and unspecified causes of mortality	5	3	0	1	0	0	0	0	2	0	2	0	0	0	2

4.21
COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2007

		Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz	Unknown
Total births		6,408	926	9	813	233	54	1	1,977	78	1,146	637	384	2	41	67	39	1
Mother's age group	<15	26	4	0	4	2	2	0	5	0	2	5	2	0	0	0	0	0
	15-17	445	58	0	55	17	7	0	112	7	88	53	37	0	3	5	3	0
	18-19	814	104	2	112	34	5	0	229	10	143	89	64	0	7	9	6	0
	20-24	2,083	276	2	275	75	19	0	668	25	349	215	127	0	10	25	17	0
	25-29	1,500	224	2	176	58	11	1	509	18	258	122	87	2	9	15	8	0
	30-34	952	146	3	113	29	6	0	301	12	173	105	44	0	7	8	4	1
	35-39	468	85	0	61	15	3	0	130	3	102	39	21	0	4	4	1	0
	40-44	112	29	0	16	3	1	0	22	3	26	8	2	0	1	1	0	0
	45+	8	0	0	1	0	0	0	1	0	5	1	0	0	0	0	0	0
Payee for births	AHCCCS	3,456	446	3	413	63	14	0	1,173	59	613	371	221	2	29	36	13	0
	IHS	1,869	379	0	334	155	35	0	283	1	453	150	53	0	2	4	20	0
	Private insurance	893	14	5	55	14	5	1	495	15	48	100	103	0	9	23	6	0
	Self	51	1	1	1	0	0	0	20	2	6	10	6	0	1	3	0	0
	Unknown	139	86	0	10	1	0	0	6	1	26	6	1	0	0	1	0	1
Mother's education	< 8	43	2	0	6	0	0	0	15	0	7	9	3	0	0	1	0	0
	8	148	8	1	7	8	3	0	56	0	17	20	26	0	0	2	0	0
	9-11	1,799	217	0	183	71	16	0	511	28	326	235	163	1	15	17	16	0
	12	2,413	372	5	343	106	28	0	663	32	472	214	113	1	16	33	14	1
	13-16	1,786	289	3	253	46	7	1	631	17	305	139	69	0	9	12	5	0
	17+	168	23	0	19	1	0	0	77	0	17	20	6	0	1	2	2	0
	Unknown	51	15	0	2	1	0	0	24	1	2	0	4	0	0	0	2	0
Marital status	Married	1,475	196	6	206	46	14	0	518	16	253	111	78	1	6	17	6	1
	Unmarried	4,861	723	3	599	185	39	1	1,435	61	881	513	304	1	34	49	33	0
	Other*	72	7	0	8	2	1	0	24	1	12	13	2	0	1	1	0	0
Weight gain	None	122	19	0	5	5	2	0	38	0	27	12	12	0	0	2	0	0
	1-15 pounds	1,098	213	1	127	45	2	1	265	11	255	110	42	0	5	2	18	1
	16-20 pounds	824	128	1	94	45	4	0	264	12	155	66	44	0	5	3	3	0
	21-24 pounds	497	115	0	59	12	3	0	151	3	83	54	11	0	1	3	2	0
	25-30 pounds	1,573	162	5	256	51	20	0	468	16	231	147	172	1	11	25	8	0
	31+ pounds	2,181	254	2	247	72	23	0	783	35	366	239	100	1	19	32	8	0
	Unknown	113	35	0	25	3	0	0	8	1	29	9	3	0	0	0	0	0
Substance use	Drinker, nonsmoker	65	11	0	5	4	1	0	12	1	19	11	1	0	0	0	0	0
	Smoker, nondrinker	151	12	1	11	9	2	1	56	5	13	22	13	0	1	5	0	0
	Smoker and drinker	48	9	1	4	1	1	0	13	1	5	8	4	0	1	0	0	0
	Nonsmoker and nondrinker	6,144	894	7	793	219	50	0	1,896	71	1,109	596	366	2	39	62	39	1

4.21
COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2007

		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	667	71	2	84	39	7	0	233	6	113	70	25	0	7	6	4	0
	37-41 weeks	5,671	839	7	718	193	47	1	1,733	71	1,010	565	355	2	34	60	35	1
	42+ weeks	64	15	0	10	1	0	0	11	1	21	1	3	0	0	1	0	0
	Unknown	6	1	0	1	0	0	0	0	0	2	1	1	0	0	0	0	0
Weight at birth	<1,000 grams	32	0	0	1	4	0	0	9	0	6	3	6	0	1	2	0	0
	1,000-1,499	33	1	0	3	3	0	0	16	0	7	1	2	0	0	0	0	0
	1,500-2,499	361	50	1	48	20	2	0	104	3	73	40	12	1	4	0	3	0
	2,500-3,999	5,408	801	8	708	191	47	1	1,633	68	984	528	322	1	33	53	30	0
	4000+	569	71	0	53	15	5	0	215	7	75	64	42	0	3	12	6	1
	Unknown	5	3	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Prenatal care	No care	206	28	1	9	16	3	0	68	0	40	20	18	0	0	3	0	0
	1st trimester	4,225	556	8	606	129	34	1	1,342	61	680	419	300	2	30	33	24	0
	2nd trimester	1,534	269	0	168	70	13	0	453	10	305	156	52	0	5	19	13	1
	3rd trimester	426	72	0	25	17	4	0	114	7	114	41	12	0	6	12	2	0
	Unknown	17	1	0	5	1	0	0	0	0	7	1	2	0	0	0	0	0
Prenatal visits	No visits	206	28	1	9	16	3	0	68	0	40	20	18	0	0	3	0	0
	1-4 visits	561	95	0	54	18	13	0	133	6	162	48	15	0	6	6	5	0
	5-8 visits	1,701	262	0	201	55	25	0	495	14	392	132	76	0	13	23	13	0
	9-12 visits	2,680	346	3	372	111	12	1	902	41	405	261	176	2	16	22	9	1
	13+ visits	1,240	193	5	173	32	1	0	378	17	140	173	97	0	6	13	12	0
	Unknown	20	2	0	4	1	0	0	1	0	7	3	2	0	0	0	0	0
Newborn intensive care	Yes	287	17	2	29	22	1	0	109	2	52	25	12	0	4	12	0	0
	No	6,115	905	7	782	211	53	1	1,868	76	1,094	612	372	2	37	55	39	1
	Unknown	6	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Obstetric procedures	Amniocentesis	53	3	0	7	7	0	0	27	0	9	0	0	0	0	0	0	0
	Electronic Fetal Monitoring	5,940	838	2	779	204	20	1	1,926	69	962	616	376	1	40	66	39	1
	Induction of labor	1,133	140	1	222	49	1	0	414	17	202	45	25	0	10	4	2	1
	Stimulation of labor	1,095	107	1	189	34	2	0	468	6	217	31	31	0	3	2	4	0
	Tocolysis	67	10	0	5	2	0	0	17	0	31	1	1	0	0	0	0	0
	Ultrasound	3,600	527	7	297	105	48	1	929	24	595	593	345	2	35	67	25	0
	Other	511	32	0	14	13	41	1	317	2	53	21	14	0	3	0	0	0
Method of delivery	Vaginal	4,830	759	7	645	168	35	0	1,412	57	866	509	277	1	28	38	27	1
	Vaginal after C-Section	111	30	0	14	1	0	0	26	0	27	10	1	0	0	2	0	0
	Primary C-Section	808	76	0	87	31	9	1	317	15	131	62	52	1	9	12	5	0
	Repeat C-Section	659	61	2	67	33	10	0	222	6	122	56	54	0	4	15	7	0
	Forceps	37	2	0	7	0	1	0	10	0	16	0	0	0	1	0	0	0
	Vacuum	90	14	0	5	15	4	0	29	0	14	7	1	0	0	1	0	0

4.21

COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY COUNTY OF RESIDENCE, ARIZONA, 2007

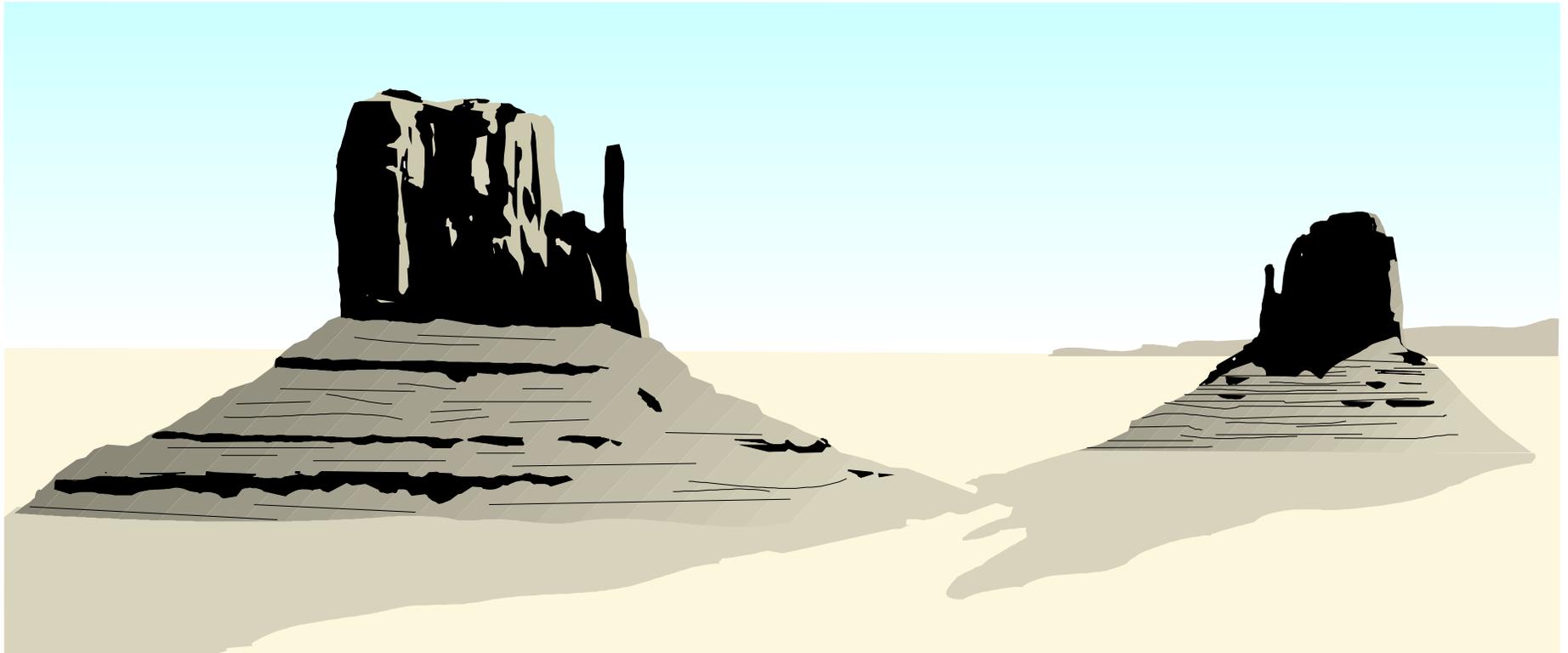
		Total State	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz	Unknown	
Births with medical risk factors	Total	2,819	369	3	338	132	20	1	965	12	465	382	95	1	18	13	5	0	
	Anemia	433	74	0	33	35	0	0	202	0	62	15	11	0	0	0	0	1	0
	Cardiac disease	19	2	0	2	0	0	0	4	0	7	2	1	0	1	0	0	0	0
	Lung disease	58	9	0	6	3	0	0	19	1	16	1	2	0	1	0	0	0	0
	Diabetes	515	74	0	62	22	5	1	178	0	89	58	20	0	3	3	0	0	0
	Genital herpes	32	2	0	2	2	0	0	14	1	4	4	2	0	1	0	0	0	0
	Hydramnios	167	31	0	18	4	0	0	62	2	16	26	6	0	1	1	0	0	0
	Hemoglobinopathy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Chronic hypertension	96	14	0	23	8	2	0	33	0	10	4	2	0	0	0	0	0	0
	Pregnancy associated hypertension	371	60	1	47	11	2	0	95	1	91	49	8	0	5	1	0	0	0
	Eclampsia	62	1	0	8	1	0	0	12	0	10	28	2	0	0	0	0	0	0
	Previous infant 4000+g	76	23	0	9	1	0	0	14	0	28	0	0	0	1	0	0	0	0
	Previous SGA infant	52	10	0	11	1	0	0	8	1	21	0	0	0	0	0	0	0	0
	Renal disease	26	1	0	2	0	0	0	1	0	21	1	0	0	0	0	0	0	0
	RH sensitization	4	0	0	0	1	0	0	2	0	1	0	0	0	0	0	0	0	0
	Uterine bleeding	39	6	0	4	0	0	0	4	0	20	3	2	0	0	0	0	0	0
Incompetent cervix	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
Other	1,853	155	2	197	85	17	1	697	8	278	316	70	1	12	9	5	0		
Abnormal conditions of the newborn	Total	334	33	1	24	23	12	0	55	5	90	41	26	0	7	9	8	0	
	Anemia	8	4	0	0	0	0	0	3	0	1	0	0	0	0	0	0	0	
	Birth injury	28	5	0	1	2	0	0	0	0	19	1	0	0	0	0	0	0	
	Fetal Alcohol Syndrome	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
	Membrane disease	13	2	0	1	0	0	0	3	0	4	1	0	0	1	1	0	0	
	Meconium aspiration	5	3	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	
	Assisted vent. <30 min	44	5	0	8	1	0	0	4	2	10	9	0	0	0	0	5	0	
	Assisted vent. >30 min.	32	6	0	0	1	0	0	1	0	17	0	1	0	0	6	0	0	
	Newborn seizures	7	1	0	1	0	0	0	0	0	2	3	0	0	0	0	0	0	
	Other	263	15	1	16	20	12	0	48	4	66	38	25	0	6	9	3	0	
Births with congenital anomalies	Total	88	11	1	9	6	2	0	13	0	32	9	5	0	0	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	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	
	Heart malformations	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
	Other respiratory/circulatory	15	1	0	0	4	0	0	2	0	5	2	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

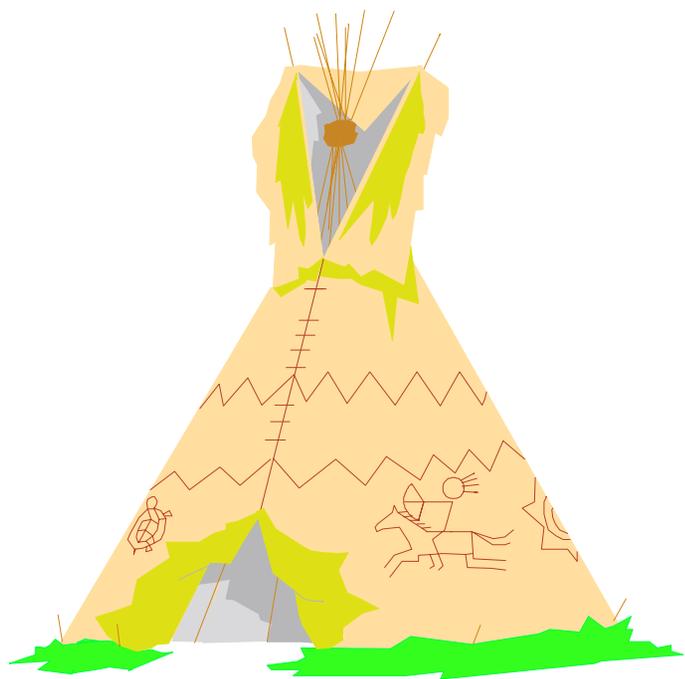
COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY COUNTY OF RESIDENCE, ARIZONA, 2007

	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	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Omphalocele/gastroschisis	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other gastrointestinal	2	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Malformed genitalia	3	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0
Renal agenesis	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Other urogenital	13	0	0	0	1	0	0	1	0	9	2	0	0	0	0	0	0
Cleft lip/palate	8	2	0	1	1	0	0	2	0	1	1	0	0	0	0	0	0
Polydactyly/syndactyly/adactyly	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Club foot	2	1	0	0	0	1	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	7	1	0	0	0	0	0	1	0	3	2	0	0	0	0	0	0
Down's syndrome	2	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Other chromosomal	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Other	37	7	0	4	0	1	0	5	0	16	1	3	0	0	0	0	0
Births with complications	1,930	278	3	173	75	25	1	728	7	340	184	72	1	19	21	3	0
Febrile	133	25	0	16	2	0	0	68	0	15	0	6	0	0	1	0	0
Meconium	264	48	0	21	11	0	0	92	0	41	39	4	0	2	5	1	0
Rupture of membrane	245	54	0	32	3	1	0	62	1	55	27	6	0	1	3	0	0
Abruptio placenta	37	10	0	4	4	0	0	8	0	6	3	1	0	0	1	0	0
Placenta previa	12	3	0	2	0	0	0	4	0	1	2	0	0	0	0	0	0
Other bleeding	87	9	0	16	6	0	0	30	0	24	0	2	0	0	0	0	0
Seizures	7	2	0	1	0	0	0	3	0	1	0	0	0	0	0	0	0
Precipitous labor	94	24	1	14	10	0	0	24	0	12	6	2	0	1	0	0	0
Prolonged labor	99	13	0	20	2	0	0	31	0	27	4	1	0	1	0	0	0
Dysfunctional labor	186	40	0	36	2	0	0	42	1	61	2	0	0	1	0	1	0
Breech malpresentation	192	24	0	17	9	0	0	63	2	50	13	6	0	5	2	1	0
Cephalopelvic disproportion.	38	3	0	5	6	2	0	11	0	11	0	0	0	0	0	0	0
Cord prolapse	7	3	0	2	0	0	0	0	0	0	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	237	41	0	21	7	4	1	62	1	59	19	14	0	2	6	0	0
Other	985	65	2	46	38	21	1	466	2	177	101	43	1	12	9	1	0
Infant mortality	52	5	0	9	1	0	0	8	0	16	5	6	0	1	1	0	0
Neonatal	27	2	0	5	1	0	0	4	0	8	2	4	0	1	0	0	0
Postneonatal	25	3	0	4	0	0	0	4	0	8	3	2	0	0	1	0	0

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



V.
PATTERNS OF MORTALITY AMONG AMERICAN INDIANS
BY PLACE OF RESIDENCE IN ARIZONA
IN 2007



AGE-SPECIFIC MORTALITY

5.1
AGE-SPECIFIC MORTALITY AMONG AMERICAN INDIANS IN 2007

		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		1,661	52	13	17	111	104	196	224	221	245	268	210
Resided on reservation	Ak-Chin Indian Community	1	0	0	0	0	0	0	0	0	1	0	0
	Cocopah Tribe	8	1	0	0	0	0	1	3	1	2	0	0
	Colorado River Indian Tribe	23	0	0	0	2	2	2	3	6	2	3	3
	Fort McDowell Yavapai Nation	14	0	0	0	1	2	3	2	2	4	0	0
	Fort Mojave Indian Tribe	1	0	0	0	1	0	0	0	0	0	0	0
	Fort Yuma Quechan Tribe	4	0	0	0	0	1	1	0	1	0	1	0
	Gila River Indian Community	97	5	1	0	6	3	13	21	23	11	11	3
	Havasupai Tribe	4	0	0	0	0	0	2	2	0	0	0	0
	Hopi Tribe	76	1	0	1	2	7	10	7	9	12	15	12
	Hualapai Nation	14	0	0	0	1	0	5	4	2	0	1	1
	Kaibab-Paiute Tribe	1	0	0	0	0	0	0	0	1	0	0	0
	Navajo Nation	571	12	6	5	40	38	59	57	53	87	110	104
	Pascua Yaqui Tribe	56	0	0	0	3	3	6	8	9	6	17	4
	Salt River Pima-Maricopa Community	25	1	0	0	0	2	4	5	3	2	4	4
	San Carlos Apache Tribe	56	1	0	0	3	3	6	7	9	7	15	5
	Tohono O'Odham Tribe	116	4	1	1	11	7	17	19	17	18	13	8
	White Mountain Apache Tribe	108	9	0	0	12	5	10	14	17	13	19	9
Yavapai-Apache Nation	4	0	1	0	0	0	0	0	1	2	0	0	
	TOTAL	1,179	34	9	7	82	73	139	152	154	167	209	153
Resided off reservation	---in Maricopa County	214	7	3	6	13	15	30	43	27	38	20	12
	---in Pima County	35	1	0	1	2	2	4	4	7	3	10	1
	---in Coconino County	34	3	0	1	4	1	4	6	4	3	3	5
	---elsewhere in Arizona	199	7	1	2	10	13	19	19	29	34	26	39
		TOTAL	482	18	4	10	29	31	57	72	67	78	59

5.2

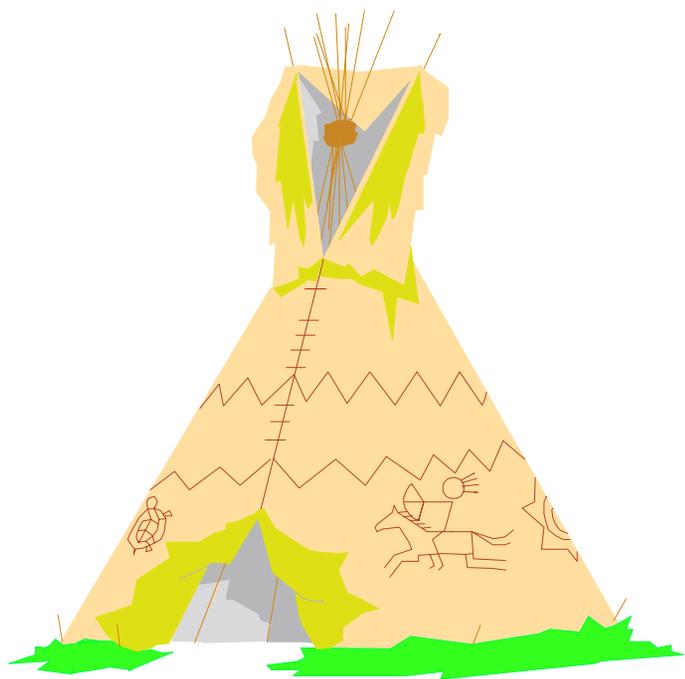
AGE-SPECIFIC MORTALITY AMONG AMERICAN INDIAN MALES IN 2007

		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		950	29	7	11	81	73	127	148	126	137	132	79
Resided on reservation	Cocopah Tribe	3	0	0	0	0	0	1	2	0	0	0	0
	Colorado River Indian Tribe	14	0	0	0	1	2	1	3	5	1	1	0
	Fort McDowell Yavapai Nation	8	0	0	0	0	2	1	2	1	2	0	0
	Fort Yuma Quechan Tribe	1	0	0	0	0	0	0	0	1	0	0	0
	Gila River Indian Community	56	3	1	0	5	1	8	14	10	8	4	2
	Havasupai Tribe	2	0	0	0	0	0	1	1	0	0	0	0
	Hopi Tribe	43	0	0	0	1	6	8	6	4	7	6	5
	Hualapai Nation	8	0	0	0	1	0	3	2	1	0	1	0
	Kaibab-Paiute Tribe	1	0	0	0	0	0	0	0	1	0	0	0
	Navajo Nation	352	8	2	4	31	32	45	40	35	53	63	39
	Pascua Yaqui Tribe	30	0	0	0	1	2	4	8	3	4	7	1
	Salt River Pima-Maricopa Community	11	1	0	0	0	1	3	2	1	0	1	2
	San Carlos Apache Tribe	25	1	0	0	2	0	3	3	6	4	5	1
	Tohono O'Odham Tribe	66	3	1	0	9	5	8	10	9	12	6	3
	White Mountain Apache Tribe	58	4	0	0	9	2	7	9	9	8	10	0
	Yavapai-Apache Nation	3	0	1	0	0	0	0	0	1	1	0	0
TOTAL	681	20	5	4	60	53	93	102	87	100	104	53	
Resided off reservation	---in Maricopa County	117	3	2	4	9	8	16	26	18	15	11	5
	---in Pima County	18	1	0	0	1	1	2	4	3	1	5	0
	---in Coconino County	23	2	0	1	4	1	3	5	2	1	1	3
	---elsewhere in Arizona	111	3	0	2	7	10	13	11	16	20	11	18
	TOTAL	269	9	2	7	21	20	34	46	39	37	28	26

5.3

AGE-SPECIFIC MORTALITY AMONG AMERICAN INDIAN FEMALES IN 2007

		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		711	23	6	6	30	31	69	76	95	108	136	131
Resided on reservation	Ak-Chin Indian Community	1	0	0	0	0	0	0	0	0	1	0	0
	Cocopah Tribe	5	1	0	0	0	0	0	1	1	2	0	0
	Colorado River Indian Tribe	9	0	0	0	1	0	1	0	1	1	2	3
	Fort McDowell Yavapai Nation	6	0	0	0	1	0	2	0	1	2	0	0
	Fort Mojave Indian Tribe	1	0	0	0	1	0	0	0	0	0	0	0
	Fort Yuma Quechan Tribe	3	0	0	0	0	1	1	0	0	0	1	0
	Gila River Indian Community	41	2	0	0	1	2	5	7	13	3	7	1
	Havasupai Tribe	2	0	0	0	0	0	1	1	0	0	0	0
	Hopi Tribe	33	1	0	1	1	1	2	1	5	5	9	7
	Hualapai Nation	6	0	0	0	0	0	2	2	1	0	0	1
	Navajo Nation	219	4	4	1	9	6	14	17	18	34	47	65
	Pascua Yaqui Tribe	26	0	0	0	2	1	2	0	6	2	10	3
	Salt River Pima-Maricopa Community	14	0	0	0	0	1	1	3	2	2	3	2
	San Carlos Apache Tribe	31	0	0	0	1	3	3	4	3	3	10	4
	Tohono O'Odham Tribe	50	1	0	1	2	2	9	9	8	6	7	5
	White Mountain Apache Tribe	50	5	0	0	3	3	3	5	8	5	9	9
	Yavapai-Apache Nation	1	0	0	0	0	0	0	0	0	1	0	0
TOTAL	498	14	4	3	22	20	46	50	67	67	105	100	
Resided off reservation	---in Maricopa County	97	4	1	2	4	7	14	17	9	23	9	7
	---in Pima County	17	0	0	1	1	1	2	0	4	2	5	1
	---in Coconino County	11	1	0	0	0	0	1	1	2	2	2	2
	---elsewhere in Arizona	88	4	1	0	3	3	6	8	13	14	15	21
	TOTAL	213	9	2	3	8	11	23	26	28	41	31	31



CAUSE-SPECIFIC MORTALITY

5.4

DEATHS BY GENDER FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2007

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Total, all causes	1,661	950	711
Salmonella infections	0	0	0
Shigellosis and amebiasis	0	0	0
Certain other intestinal infections	6	3	3
Tuberculosis	2	2	0
Respiratory tuberculosis	2	2	0
Other tuberculosis	0	0	0
Whooping cough	0	0	0
Scarlet fever and erysipelas	0	0	0
Meningococcal infection	0	0	0
Septicemia	39	14	25
Syphilis	0	0	0
Acute poliomyelitis	0	0	0
Arthropod-borne encephalitis	0	0	0
Measles	0	0	0
Viral hepatitis	6	4	2
Human immunodeficiency virus (HIV) disease	10	7	3
Malaria	0	0	0
Other and unspecified infectious and parasitic diseases	11	5	6
Malignant neoplasms	221	109	112
Malignant neoplasm of lip, oral cavity and pharynx	4	2	2
Malignant neoplasm of esophagus	8	7	1
Malignant neoplasm of stomach	15	5	10
Malignant neoplasm of colon, rectum and anus	16	11	5
Malignant neoplasm of liver and intrahepatic bile ducts	20	12	8
Malignant neoplasm of pancreas	16	11	5
Malignant neoplasm of larynx	0	0	0
Malignant neoplasm of trachea, bronchus and lung	19	12	7
Malignant melanoma of skin	0	0	0
Malignant neoplasm of breast	20	0	20
Malignant neoplasm of cervix uteri	3	0	3
Malignant neoplasm of corpus uteri and uterus, part unspecified	2	0	2
Malignant neoplasm of ovary	11	0	11
Malignant neoplasm of prostate	11	11	0
Malignant neoplasm of kidney and renal pelvis	12	6	6
Malignant neoplasm of bladder	1	1	0

5.4 (continued)

DEATHS BY GENDER FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2007

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Malignant neoplasm of meninges, brain and other parts of CNS	4	1	3
Malignant neoplasm of lymphoid, hematopoietic and related tissue	23	12	11
Hodgkin's disease	0	0	0
Non-Hodgkin's lymphoma	8	2	6
Leukemia	9	5	4
Multiple myeloma and immunoproliferative neoplasms	6	5	1
Other and unspecified malignant neoplasms of lymphoid tissue	0	0	0
All other and unspecified malignant neoplasm	36	18	18
In situ neoplasms	5	1	4
Anemias	0	0	0
Diabetes	103	58	45
Nutritional deficiencies	3	3	0
Malnutrition	3	3	0
Other nutritional deficiencies	0	0	0
Meningitis	1	1	0
Parkinson's disease	5	2	3
Alzheimer's disease	16	4	12
Major cardiovascular diseases	294	153	141
Diseases of heart	220	118	102
Acute rheumatic fever and chronic rheumatic heart disease	0	0	0
Hypertensive heart disease	21	10	11
Hypertensive heart and renal disease	0	0	0
Ischemic heart disease	137	76	61
Acute myocardial infarction	43	24	19
Other acute ischemic heart disease	2	0	2
Other forms of chronic ischemic heart disease	92	52	40
Atherosclerotic cardiovascular disease	33	21	12
All other forms of chronic ischemic heart disease	59	31	28
Other heart diseases	62	32	30
Acute and subacute endocarditis	0	0	0
Diseases of pericardium and acute myocarditis	1	1	0
Heart failure	16	9	7
All other forms of heart disease	45	22	23
Essential (primary) hypertension and hypertensive renal disease	20	7	13
Cerebrovascular diseases	40	19	21

5.4 (continued)

DEATHS BY GENDER FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2007

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Atherosclerosis	5	1	4
Other diseases of circulatory system	9	8	1
Aortic aneurysm and dissection	7	7	0
Other disease of arteries, arterioles and capillaries	2	1	1
Other disorders of circulatory system	1	0	1
Influenza and pneumonia	61	29	32
Influenza	2	1	1
Pneumonia	59	28	31
Other acute lower respiratory infections	1	1	0
Acute bronchiolitis	1	1	0
Unspecified acute lower respiratory infection	0	0	0
Chronic lower respiratory diseases	23	14	9
Bronchitis, chronic and unspecified	0	0	0
Emphysema	1	1	0
Asthma	4	2	2
Other chronic lower respiratory diseases	18	11	7
Pneumoconioses and chemical effects	0	0	0
Pneumonitis due to solids and liquids	9	3	6
Other disease of respiratory system	33	15	18
Peptic ulcer	0	0	0
Diseases of appendix	1	1	0
Hernia	2	2	0
Chronic liver disease and cirrhosis	98	57	41
Alcoholic liver disease	80	45	35
Other chronic liver disease and cirrhosis	18	12	6
Cholelithiasis and other disorders of gallbladder	3	3	0
Nephritis, nephrotic syndrome and nephrosis	39	15	24
Acute and rapidly progressive nephritic and nephrotic syndrome	0	0	0
Chronic glomerulonephritis	1	1	0
Renal failure	38	14	24
Others disorders of kidney	0	0	0
Infections of kidney	3	1	2
Hyperplasia of prostate	1	1	0
Inflammatory diseases of female pelvic organs	0	0	0
Pregnancy, childbirth and the puerperium	1	0	1

5.4 (continued)

DEATHS BY GENDER FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2007

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Pregnancy with abortive outcome	0	0	0
Other complications of pregnancy, childbirth and the puerperium	1	0	1
Perinatal conditions	20	10	10
Congenital anomalies, deformations and chromosomal abnormalities	14	7	7
Symptoms, signs, abnormal findings	37	26	11
Total accidents	281	206	75
Transport accidents	174	127	47
Motor vehicle accidents	159	114	45
Other land transport accidents	10	9	1
Water, air, space	5	4	1
Nontransport accidents	107	79	28
Falls	21	13	8
Accidental discharge of firearms	1	1	0
Accidental drowning and submersion	8	6	2
Accidental exposure to smoke, fire and flames	3	2	1
Accidental poisoning	32	24	8
Other and unspecified nontransport accidents	43	33	10
Intentional self-harm (suicide)	35	28	7
By discharge of firearms	11	10	1
By other means	24	18	6
Assault (homicide)	44	36	8
By discharge of firearms	16	15	1
By other means	28	21	7
Legal intervention	0	0	0
Events of undetermined intent	8	5	3
Discharge of firearms	0	0	0
Other and unspecified events of undetermined intent	8	5	3
Operations of war	0	0	0
Complications of medical and surgical care	5	3	2
INJURY BY FIREARMS	28	26	2
DRUG-INDUCED DEATHS	23	14	9
ALCOHOL-INDUCED DEATHS	133	88	45

5.5

DEATHS BY AGE GROUP FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2007

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	1,661	52	13	17	111	104	196	224	221	245	268	210
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	1	0	0	0	0	0	3	1	1
Tuberculosis	2	0	0	0	0	0	1	0	0	0	1	0
Respiratory tuberculosis	2	0	0	0	0	0	1	0	0	0	1	0
Other tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0
Whooping cough	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia	39	2	0	1	0	0	3	12	4	8	6	3
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	6	0	0	0	0	0	2	1	2	1	0	0
Human immunodeficiency virus (HIV) disease	10	0	0	0	0	1	3	4	2	0	0	0
Malaria	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases	11	0	1	0	1	0	3	0	3	1	2	0
Malignant neoplasms	221	0	0	0	5	1	11	23	43	57	51	30
Malignant neoplasm of lip, oral cavity and pharynx	4	0	0	0	0	0	0	0	1	2	1	0
Malignant neoplasm of esophagus	8	0	0	0	0	0	0	0	2	3	2	1
Malignant neoplasm of stomach	15	0	0	0	0	0	2	3	2	2	5	1
Malignant neoplasm of colon, rectum and anus	16	0	0	0	1	0	1	2	1	7	2	2
Malignant neoplasm of liver and intrahepatic bile ducts	20	0	0	0	0	0	2	3	2	3	8	2
Malignant neoplasm of pancreas	16	0	0	0	0	0	1	1	2	5	5	2
Malignant neoplasm of larynx	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of trachea, bronchus and lung	19	0	0	0	0	0	1	0	4	9	4	1
Malignant melanoma of skin	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of breast	20	0	0	0	0	0	3	3	6	5	1	2
Malignant neoplasm of cervix uteri	3	0	0	0	0	0	0	0	2	1	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	2	0	0	0	0	0	0	1	0	1	0	0
Malignant neoplasm of ovary	11	0	0	0	0	0	0	3	1	3	3	1
Malignant neoplasm of prostate	11	0	0	0	0	0	0	0	2	2	2	5

5.5 (continued)

DEATHS BY AGE GROUP FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2007

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	12	0	0	0	0	0	0	3	4	2	3	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	4	0	0	0	1	1	0	0	0	0	2	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	23	0	0	0	2	0	1	1	6	4	7	2
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	0	0	0	3	3	2
Leukemia	9	0	0	0	2	0	1	0	3	1	2	0
Multiple myeloma and immunoproliferative neoplasms	6	0	0	0	0	0	0	1	3	0	2	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	36	0	0	0	1	0	0	3	8	8	6	10
In situ neoplasms	5	0	0	1	0	0	0	0	1	1	0	2
Anemias	0	0	0	0	0	0	0	0	0	0	0	0
Diabetes	103	0	0	0	0	2	4	16	24	27	21	9
Nutritional deficiencies	3	0	0	0	0	0	0	0	0	1	0	2
Malnutrition	3	0	0	0	0	0	0	0	0	1	0	2
Other nutritional deficiencies	0	0	0	0	0	0	0	0	0	0	0	0
Meningitis	1	1	0	0	0	0	0	0	0	0	0	0
Parkinson's disease	5	0	0	0	0	0	0	0	0	0	4	1
Alzheimer's disease	16	0	0	0	0	0	0	0	0	3	7	6
Major cardiovascular diseases	294	2	0	0	6	8	23	28	42	47	74	64
Diseases of heart	220	2	0	0	3	7	18	19	36	35	57	43
Acute rheumatic fever and chronic rheumatic heart disease	0	0	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease	21	0	0	0	0	0	7	4	3	4	1	2
Hypertensive heart and renal disease	0	0	0	0	0	0	0	0	0	0	0	0
Ischemic heart disease	137	0	0	0	0	2	7	11	21	27	41	28
Acute myocardial infarction	43	0	0	0	0	2	2	2	6	5	14	12
Other acute ischemic heart disease	2	0	0	0	0	0	0	0	0	0	0	2
Other forms of chronic ischemic heart disease	92	0	0	0	0	0	5	9	15	22	27	14
Atherosclerotic cardiovascular disease	33	0	0	0	0	0	1	4	7	7	8	6
All other forms of chronic ischemic heart disease	59	0	0	0	0	0	4	5	8	15	19	8
Other heart diseases	62	2	0	0	3	5	4	4	12	4	15	13
Acute and subacute endocarditis	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of pericardium and acute myocarditis	1	0	0	0	0	0	0	1	0	0	0	0
Heart failure	16	0	0	0	0	0	1	0	2	2	3	8
All other forms of heart disease	45	2	0	0	3	5	3	3	10	2	12	5

5.5 (continued)

DEATHS BY AGE GROUP FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2007

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Essential (primary) hypertension and hypertensive renal disease	20	0	0	0	0	0	0	3	2	4	5	6
Cerebrovascular diseases	40	0	0	0	0	1	4	5	2	6	9	13
Atherosclerosis	5	0	0	0	0	0	0	0	1	1	2	1
Other diseases of circulatory system	9	0	0	0	3	0	1	1	1	1	1	1
Aortic aneurysm and dissection	7	0	0	0	3	0	1	1	1	0	1	0
Other disease of arteries, arterioles and capillaries	2	0	0	0	0	0	0	0	0	1	0	1
Other disorders of circulatory system	1	0	0	0	0	0	0	1	0	0	0	0
Influenza and pneumonia	61	2	0	0	1	1	0	6	6	6	13	26
Influenza	2	0	0	0	0	0	0	0	0	1	0	1
Pneumonia	59	2	0	0	1	1	0	6	6	5	13	25
Other acute lower respiratory infections	1	1	0	0	0	0	0	0	0	0	0	0
Acute bronchiolitis	1	1	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	23	0	0	1	0	1	0	1	1	7	8	4
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	0	1	0
Asthma	4	0	0	1	0	1	0	0	1	1	0	0
Other chronic lower respiratory diseases	18	0	0	0	0	0	0	1	0	6	7	4
Pneumoconioses and chemical effects	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonitis due to solids and liquids	9	0	0	0	0	0	1	0	2	1	0	5
Other disease of respiratory system	33	1	0	1	0	0	1	1	2	9	14	4
Peptic ulcer	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of appendix	1	0	0	0	0	0	0	0	0	0	1	0
Hernia	2	0	0	0	0	0	0	1	0	0	1	0
Chronic liver disease and cirrhosis	98	0	0	0	0	8	32	33	15	9	1	0
Alcoholic liver disease	80	0	0	0	0	6	28	29	9	7	1	0
Other chronic liver disease and cirrhosis	18	0	0	0	0	2	4	4	6	2	0	0
Cholelithiasis and other disorders of gallbladder	3	0	0	0	0	0	0	0	0	0	2	1
Nephritis, nephrotic syndrome and nephrosis	39	0	1	1	0	0	3	4	4	9	9	8
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	1	0	0	0	0	0	0	0	0
Renal failure	38	0	1	0	0	0	3	4	4	9	9	8
Others disorders of kidney	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney	3	0	0	0	0	0	0	1	0	0	2	0
Hyperplasia of prostate	1	0	0	0	0	0	0	0	0	0	0	1

5.5 (continued)

DEATHS BY AGE GROUP FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2007

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	1	0	0	0	1	0	0	0	0	0	0	0
Pregnancy with abortive outcome	0	0	0	0	0	0	0	0	0	0	0	0
Other complications of pregnancy, childbirth and the puerperium	1	0	0	0	1	0	0	0	0	0	0	0
Perinatal conditions	20	19	0	0	0	0	0	0	0	0	1	0
Congenital anomalies, deformations and chromosomal abnormalities	14	11	1	0	0	1	0	1	0	0	0	0
Symptoms, signs, abnormal findings	37	9	1	0	3	3	6	5	3	1	4	2
Total accidents	281	1	7	5	60	50	59	41	22	19	13	4
Transport accidents	174	1	5	1	49	42	33	20	10	7	5	1
Motor vehicle accidents	159	1	5	1	46	37	30	18	9	7	5	0
Other land transport accidents	10	0	0	0	2	3	3	1	0	0	0	1
Water, air, space	5	0	0	0	1	2	0	1	1	0	0	0
Nontransport accidents	107	0	2	4	11	8	26	21	12	12	8	3
Falls	21	0	1	0	1	0	3	6	0	5	3	2
Accidental discharge of firearms	1	0	0	1	0	0	0	0	0	0	0	0
Accidental drowning and submersion	8	0	0	0	1	4	0	1	1	1	0	0
Accidental exposure to smoke, fire and flames	3	0	0	0	1	0	0	0	1	1	0	0
Accidental poisoning	32	0	0	0	5	4	12	5	3	1	2	0
Other and unspecified nontransport accidents	43	0	1	3	3	1	11	9	7	4	3	1
Intentional self-harm (suicide)	35	0	0	1	13	10	5	4	1	1	0	0
By discharge of firearms	11	0	0	0	6	1	1	2	0	1	0	0
By other means	24	0	0	1	7	9	4	2	1	0	0	0
Assault (homicide)	44	1	0	1	15	7	12	4	2	2	0	0
By discharge of firearms	16	0	0	1	8	2	3	2	0	0	0	0
By other means	28	1	0	0	7	5	9	2	2	2	0	0
Legal intervention	0	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent	8	0	0	0	0	1	3	1	1	1	1	0
Discharge of firearms	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent	8	0	0	0	0	1	3	1	1	1	1	0
Operations of war	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	5	0	0	0	0	0	0	0	2	0	2	1
INJURY BY FIREARMS	28	0	0	2	14	3	4	4	0	1	0	0
DRUG-INDUCED DEATHS	23	0	0	0	0	4	9	5	3	0	2	0
ALCOHOL-INDUCED DEATHS	133	0	0	0	4	9	42	50	16	10	2	0

5.6

DEATHS BY RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2007

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ALL AMERICAN INDIAN RESIDENTS OF ARIZONA	Resided on reservation																	Resided off reservation						
		Ak-Chin Indian Community	Cocopah Tribe	Colorado River Indian Tribe	Fort McDowell Yavapai Nation	Fort Mohave Indian Tribe	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	Total	in Maricopa County	in Pima County	in Coconino County	elsewhere in Arizona	Total
Total, all causes	1,661	1	8	23	14	1	4	97	4	76	14	1	571	56	25	56	116	108	4	1,179	214	35	34	199	482
Salmonella infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections	6	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	3	1	0	0	2	3
Tuberculosis	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0
Respiratory tuberculosis	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0
Other tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Whooping cough	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia	39	0	1	0	1	0	0	5	0	3	0	0	12	3	1	0	3	3	0	32	5	0	1	1	7
Syphilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne encephalitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis	6	0	0	0	1	0	0	1	0	0	0	0	1	1	0	0	0	1	0	5	0	0	0	1	1
Human immunodeficiency virus (HIV) disease	10	0	0	0	1	0	0	0	0	1	0	0	2	0	1	0	0	0	0	5	3	0	0	2	5
Malaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases	11	0	0	0	0	0	0	1	0	0	0	0	5	0	0	0	1	1	0	8	2	0	0	1	3
Malignant neoplasms	221	0	0	3	1	0	0	13	0	13	2	0	72	11	5	5	12	13	1	151	23	6	5	36	70
Malignant neoplasm of lip, oral cavity and pharynx	4	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3	0	0	0	0	1	1
Malignant neoplasm of esophagus	8	0	0	0	0	0	0	2	0	0	0	0	3	2	0	0	1	0	8	0	0	0	0	0	0
Malignant neoplasm of stomach	15	0	0	0	0	0	0	0	0	3	1	0	6	1	0	0	0	3	14	0	0	1	0	1	1
Malignant neoplasm of colon, rectum and anus	16	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	3	0	10	2	0	1	3	6	6
Malignant neoplasm of liver and intrahepatic bile ducts	20	0	0	0	0	0	0	2	0	2	0	0	5	2	0	1	2	0	14	3	1	1	1	6	6
Malignant neoplasm of pancreas	16	0	0	0	0	0	0	2	0	2	0	0	4	0	0	1	1	1	11	2	1	0	2	5	5
Malignant neoplasm of larynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of trachea, bronchus and lung	19	0	0	1	0	0	0	0	0	1	0	0	2	1	0	1	1	1	8	3	2	0	6	11	11
Malignant melanoma of skin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of breast	20	0	0	0	0	0	0	0	0	2	0	0	7	2	0	0	1	2	14	2	0	0	4	6	6
Malignant neoplasm of cervix uteri	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	2	2
Malignant neoplasm of corpus uteri and uterus, part unspecified	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1
Malignant neoplasm of ovary	11	0	0	0	0	0	0	2	0	0	0	0	3	0	1	0	1	1	8	1	0	0	2	3	3
Malignant neoplasm of prostate	11	0	0	0	0	0	0	0	0	0	1	0	4	1	0	0	1	0	7	0	1	1	2	4	4
Malignant neoplasm of kidney and renal pelvis	12	0	0	1	0	0	0	2	0	0	0	0	3	0	0	0	1	0	7	3	0	0	2	5	5

5.6 (continued)
DEATHS BY RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2007

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ALL AMERICAN INDIAN RESIDENTS OF ARIZONA																				Resided on reservation					Resided off reservation				
	Ak-Chin Indian Community	Cocopah Tribe	Colorado River Indian Tribe	Fort McDowell Yavapai Nation	Fort Mohave Indian Tribe	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	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	1	0	0	0	0	0	1	0	0	0	0	0						
Malignant neoplasm of meninges, brain and other parts of CNS	4	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	1	1	0	0	2						
Malignant neoplasm of lymphoid, hematopoietic and related tissue	23	0	0	1	0	0	0	0	0	0	0	9	0	1	2	0	2	1	16	3	0	0	4	7						
Hodgkin's disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Non-Hodgkin's lymphoma	8	0	0	0	0	0	0	0	0	0	0	4	0	1	0	1	0	6	0	0	0	0	2	2						
Leukemia	9	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	1	6	1	0	0	0	2	3						
Multiple myeloma and immunoproliferative neoplasms	6	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	1	4	2	0	0	0	0	2						
Other and unspecified malignant neoplasms of lymphoid tissue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
All other and unspecified malignant neoplasm	36	0	0	0	1	0	1	0	3	0	0	15	1	2	0	1	2	26	2	0	1	7	10							
In situ neoplasms	5	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	2	1	0	0	2	3							
Anemias	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Diabetes	103	0	1	3	2	0	1	7	0	3	4	0	27	5	2	3	10	7	75	17	1	1	9	28						
Nutritional deficiencies	3	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	0	0	0						
Malnutrition	3	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	0	0	0						
Other nutritional deficiencies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Meningitis	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0						
Parkinson's disease	5	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	3	0	0	0	0	2	2						
Alzheimer's disease	16	0	0	1	0	0	0	0	0	0	0	3	1	1	0	1	0	7	7	0	0	0	2	9						
Major cardiovascular diseases	294	0	0	6	2	0	1	17	2	9	1	0	99	6	2	15	18	12	191	50	9	8	36	103						
Diseases of heart	220	0	0	5	2	0	1	11	2	7	1	0	74	5	2	10	16	9	145	39	7	6	23	75						
Acute rheumatic fever and chronic rheumatic heart disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Hypertensive heart disease	21	0	0	0	0	0	0	1	0	0	0	2	1	0	1	6	0	11	7	0	0	0	3	10						
Hypertensive heart and renal disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Ischemic heart disease	137	0	0	0	2	0	1	7	2	4	0	0	53	1	1	7	7	3	88	23	6	4	16	49						
Acute myocardial infarction	43	0	0	0	0	0	0	1	1	1	0	0	23	0	0	3	2	0	31	4	1	0	7	12						
Other acute ischemic heart disease	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0						
Other forms of chronic ischemic heart disease	92	0	0	0	2	0	1	6	1	3	0	0	28	1	1	4	5	3	55	19	5	4	9	37						
Atherosclerotic cardiovascular disease	33	0	0	0	1	0	0	2	1	0	0	0	12	1	0	0	2	3	22	6	0	2	3	11						
All other forms of chronic ischemic heart disease	59	0	0	0	1	0	1	4	0	3	0	0	16	0	1	4	3	33	13	5	2	6	26							
Other heart diseases	62	0	0	5	0	0	0	3	0	3	1	0	19	3	1	2	3	6	46	9	1	2	4	16						
Acute and subacute endocarditis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Diseases of pericardium and acute myocarditis	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1						
Heart failure	16	0	0	1	0	0	0	1	0	1	1	0	6	1	1	0	0	13	1	0	1	1	1	3						
All other forms of heart disease	45	0	0	4	0	0	0	2	0	2	0	0	13	2	0	2	3	5	33	7	1	1	3	12						

5.6 (continued)
DEATHS BY RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2007

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ALL AMERICAN INDIAN RESIDENTS OF ARIZONA	Resided on reservation																	Resided off reservation						
		Ak-Chin Indian Community	Cocopah Tribe	Colorado River Indian Tribe	Fort McDowell Yavapai Nation	Fort Mohave Indian Tribe	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	Total	in Maricopa County	in Pima County	in Coconino County	elsewhere in Arizona	Total	
Essential (primary) hypertension and hypertensive renal disease	20	0	0	0	0	0	0	2	0	0	0	0	7	0	0	2	0	0	0	11	4	2	0	3	9
Cerebrovascular diseases	40	0	0	1	0	0	0	4	0	2	0	0	12	1	0	2	2	2	1	27	3	0	2	8	13
Atherosclerosis	5	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	0	0	4	1	0	0	0	1	
Other diseases of circulatory system	9	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	1	4	3	0	0	2	5	
Aortic aneurysm and dissection	7	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2	3	0	0	2	5	
Other disease of arteries, arterioles and capillaries	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	
Other disorders of circulatory system	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
Influenza and pneumonia	61	0	0	1	0	0	0	4	0	5	0	0	29	3	0	3	0	3	48	7	0	2	4	13	
Influenza	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	
Pneumonia	59	0	0	1	0	0	0	4	0	5	0	0	27	3	0	3	0	3	46	7	0	2	4	13	
Other acute lower respiratory infections	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Acute bronchiolitis	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
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	23	1	0	0	0	0	0	0	0	0	0	0	7	2	0	0	0	4	14	3	1	0	5	9	
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	0	0	0	0	0	0	0	1	0	0	1	
Asthma	4	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3	1	0	0	0	1	
Other chronic lower respiratory diseases	18	1	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	4	11	2	0	0	5	7	
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	9	0	0	0	0	0	0	0	0	0	0	0	5	1	1	0	0	1	8	0	0	0	1	1	
Other disease of respiratory system	33	0	0	0	0	0	0	3	0	2	0	0	14	1	0	0	1	1	22	3	3	0	5	11	
Peptic ulcer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Diseases of appendix	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	
Hernia	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	1	
Chronic liver disease and cirrhosis	98	0	2	1	2	0	1	6	0	4	2	1	18	5	3	8	12	11	77	15	2	1	3	21	
Alcoholic liver disease	80	0	2	1	2	0	1	6	0	3	2	0	14	4	2	6	11	8	63	14	1	0	2	17	
Other chronic liver disease and cirrhosis	18	0	0	0	0	0	0	0	0	1	0	1	4	1	1	2	1	3	14	1	1	1	1	4	
Cholelithiasis and other disorders of gallbladder	3	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	3	0	0	0	0	0	
Nephritis, nephrotic syndrome and nephrosis	39	0	0	1	0	0	0	5	1	1	0	0	12	0	0	3	4	3	30	3	0	2	4	9	
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	38	0	0	1	0	0	0	5	1	1	0	0	12	0	0	3	4	3	30	3	0	2	3	8	
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	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	3	0	0	0	0	0	

5.6 (continued)
DEATHS BY RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2007

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ALL AMERICAN INDIAN RESIDENTS OF ARIZONA																							
	Resided on reservation																			Resided off reservation				
	Ak-Chin Indian Community	Cocopah Tribe	Colorado River Indian Tribe	Fort McDowell Yavapai Nation	Fort Mohave Indian Tribe	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	Total	in Maricopa County	in Pima County	in Coconino County	elsewhere in Arizona	Total
Hyperplasia of prostate	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	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
Pregnancy, childbirth and the puerperium	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Pregnancy with abortive outcome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1	0	0	0	1
Perinatal conditions	20	0	0	0	0	0	2	0	0	0	0	6	0	1	1	1	5	0	16	2	1	0	1	4
Congenital anomalies, deformations and chromosomal abnormalities	14	0	0	0	0	0	1	0	0	0	0	3	0	0	0	0	2	1	7	3	0	1	3	7
Symptoms, signs, abnormal findings	37	0	1	1	0	0	2	0	2	0	0	9	0	0	2	8	4	0	29	3	1	2	2	8
Total accidents	281	0	0	3	3	1	12	0	14	4	0	121	7	4	7	10	18	0	204	31	3	4	39	77
Transport accidents	174	0	0	3	1	1	10	0	6	2	0	78	1	3	5	9	12	0	131	13	2	3	25	43
Motor vehicle accidents	159	0	0	2	1	1	10	0	6	2	0	73	1	3	3	7	12	0	121	10	2	3	23	38
Other land transport accidents	10	0	0	1	0	0	0	0	0	0	0	4	0	0	0	2	0	0	7	1	0	0	2	3
Water, air, space	5	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	3	2	0	0	0	2
Nontransport accidents	107	0	0	0	2	0	2	0	8	2	0	43	6	1	2	1	6	0	73	18	1	1	14	34
Falls	21	0	0	0	0	0	0	0	3	0	0	8	4	0	0	1	0	0	16	4	0	0	1	5
Accidental discharge of firearms	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Accidental drowning and submersion	8	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	1	0	4	0	0	0	4	4
Accidental exposure to smoke, fire and flames	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2	0	1	0	0	1
Accidental poisoning	32	0	0	0	1	0	1	0	1	0	0	13	1	1	2	0	0	0	20	9	0	0	3	12
Other and unspecified nontransport accidents	43	0	0	0	0	0	1	0	4	2	0	20	1	0	0	0	4	0	32	4	0	1	6	11
Intentional self-harm (suicide)	35	0	0	0	0	0	0	0	1	0	0	12	2	0	3	5	1	0	24	5	1	1	4	11
By discharge of firearms	11	0	0	0	0	0	0	0	0	0	0	3	0	0	1	1	0	0	5	3	1	1	1	6
By other means	24	0	0	0	0	0	0	0	1	0	0	9	2	0	2	4	1	0	19	2	0	0	3	5
Assault (homicide)	44	0	0	0	0	0	2	0	2	0	0	13	3	0	0	6	5	0	31	6	2	1	4	13
By discharge of firearms	16	0	0	0	0	0	2	0	1	0	0	3	1	0	0	4	0	0	11	3	0	1	1	5
By other means	28	0	0	0	0	0	0	0	1	0	0	10	2	0	0	2	5	0	20	3	2	0	3	8
Legal intervention	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent	8	0	0	0	0	0	0	1	2	0	0	2	0	0	1	0	0	0	6	0	0	1	1	2
Discharge of firearms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent	8	0	0	0	0	0	0	1	2	0	0	2	0	0	1	0	0	0	6	0	0	1	1	2
Operations of war	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	5	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	3	1	1	0	0	2
INJURY BY FIREARMS	28	0	0	0	0	0	2	0	1	0	0	6	1	0	1	5	0	16	7	1	2	2	12	
DRUG-INDUCED DEATHS	23	0	0	0	0	0	1	0	2	0	0	5	1	1	2	0	0	12	9	0	0	2	11	
ALCOHOL-INDUCED DEATHS	133	0	2	2	3	0	7	0	7	3	0	44	4	2	6	12	9	1	103	19	2	0	9	30

5.7

DEATHS BY COUNTY OF RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2007

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	Unknown
Total, all causes	1,661	360	2	188	54	13	0	291	24	372	175	126	0	12	16	25	3
Salmonella infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections	6	1	0	0	0	0	0	1	0	1	1	0	0	0	0	2	0
Tuberculosis	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Respiratory tuberculosis	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Other tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Whooping cough	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia	39	9	0	4	0	0	0	11	0	7	4	3	0	0	1	0	0
Syphilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne encephalitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis	6	0	0	1	0	0	0	1	0	2	1	1	0	0	0	0	0
Human immunodeficiency virus (HIV) disease	10	2	1	0	0	0	0	5	0	2	0	0	0	0	0	0	0
Malaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases	11	3	0	3	0	0	0	2	0	1	1	1	0	0	0	0	0
Malignant neoplasms	221	37	0	24	7	0	0	32	3	61	24	24	0	4	2	3	0
Malignant neoplasm of lip, oral cavity and pharynx	4	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0
Malignant neoplasm of esophagus	8	1	0	2	0	0	0	1	0	0	2	2	0	0	0	0	0
Malignant neoplasm of stomach	15	2	0	4	1	0	0	0	1	6	1	0	0	0	0	0	0
Malignant neoplasm of colon, rectum and anus	16	3	0	2	0	0	0	2	0	4	2	2	0	0	1	0	0
Malignant neoplasm of liver and intrahepatic bile ducts	20	3	0	2	1	0	0	3	0	4	5	2	0	0	0	0	0
Malignant neoplasm of pancreas	16	3	0	0	1	0	0	2	0	5	2	2	0	0	1	0	0
Malignant neoplasm of larynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of trachea, bronchus and lung	19	1	0	0	1	0	0	4	1	5	3	0	0	3	0	1	0
Malignant melanoma of skin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm of breast	20	4	0	0	0	0	0	2	0	8	3	3	0	0	0	0	0
Malignant neoplasm of cervix uteri	3	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
Malignant neoplasm of ovary	11	2	0	1	0	0	0	3	0	3	0	2	0	0	0	0	0
Malignant neoplasm of prostate	11	0	0	1	0	0	0	0	1	6	3	0	0	0	0	0	0
Malignant neoplasm of kidney and renal pelvis	12	2	0	1	0	0	0	3	0	1	0	4	0	0	0	1	0
Malignant neoplasm of bladder	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0

5.7 (continued)

DEATHS BY COUNTY OF RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2007

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	Unknown
Malignant neoplasm of meninges, brain and other parts of CNS	4	1	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	23	5	0	3	3	0	0	4	0	6	0	0	0	1	0	1	0
Hodgkin's disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	8	2	0	1	1	0	0	0	0	4	0	0	0	0	0	0	0
Leukemia	9	3	0	1	1	0	0	2	0	1	0	0	0	1	0	0	0
Multiple myeloma and immunoproliferative neoplasms	6	0	0	1	1	0	0	2	0	1	0	0	0	0	0	1	0
Other and unspecified malignant neoplasms of lymphoid tissue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasm	36	8	0	7	0	0	0	5	0	12	1	3	0	0	0	0	0
In situ neoplasms	5	1	0	0	0	0	0	1	0	2	0	0	0	0	1	0	0
Anemias	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diabetes	103	17	0	7	2	1	0	28	4	19	10	8	0	2	2	3	0
Nutritional deficiencies	3	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Malnutrition	3	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Other nutritional deficiencies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningitis	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Parkinson's disease	5	1	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0
Alzheimer's disease	16	3	0	1	0	0	0	9	0	1	1	0	0	0	0	1	0
Major cardiovascular diseases	294	66	1	31	15	6	0	57	1	52	30	25	0	2	1	7	0
Diseases of heart	220	47	1	25	10	4	0	45	1	39	25	15	0	1	1	6	0
Acute rheumatic fever and chronic rheumatic heart disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypertensive heart disease	21	3	1	0	2	0	0	7	0	0	5	3	0	0	0	0	0
Hypertensive heart and renal disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ischemic heart disease	137	35	0	17	6	4	0	27	0	23	14	8	0	1	1	1	0
Acute myocardial infarction	43	16	0	6	2	1	0	4	0	9	3	1	0	0	0	1	0
Other acute ischemic heart disease	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Other forms of chronic ischemic heart disease	92	19	0	9	4	3	0	23	0	14	11	7	0	1	1	0	0
Atherosclerotic cardiovascular disease	33	8	0	7	1	0	0	7	0	4	3	3	0	0	0	0	0
All other forms of chronic ischemic heart disease	59	11	0	2	3	3	0	16	0	10	8	4	0	1	1	0	0
Other heart diseases	62	9	0	8	2	0	0	11	1	16	6	4	0	0	0	5	0
Acute and subacute endocarditis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of pericardium and acute myocarditis	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Heart failure	16	3	0	4	0	0	0	2	1	3	1	1	0	0	0	1	0
All other forms of heart disease	45	6	0	4	2	0	0	8	0	13	5	3	0	0	0	4	0
Essential (primary) hypertension and hypertensive renal disease	20	2	0	0	2	0	0	4	0	7	2	3	0	0	0	0	0
Cerebrovascular diseases	40	12	0	4	1	2	0	4	0	6	3	6	0	1	0	1	0

5.7 (continued)

DEATHS BY COUNTY OF RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2007

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	Unknown
Atherosclerosis	5	1	0	2	1	0	0	1	0	0	0	0	0	0	0	0	0
Other diseases of circulatory system	9	4	0	0	1	0	0	3	0	0	0	1	0	0	0	0	0
Aortic aneurysm and dissection	7	2	0	0	1	0	0	3	0	0	0	1	0	0	0	0	0
Other disease of arteries, arterioles and capillaries	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other disorders of circulatory system	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Influenza and pneumonia	61	16	0	12	3	0	0	9	0	15	1	4	0	0	0	1	0
Influenza	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonia	59	15	0	11	3	0	0	9	0	15	1	4	0	0	0	1	0
Other acute lower respiratory infections	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchiolitis	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Unspecified acute lower respiratory infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases	23	6	0	0	0	0	0	3	2	8	3	1	0	0	0	0	0
Bronchitis, chronic and unspecified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Emphysema	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Asthma	4	0	0	0	0	0	0	1	0	2	1	0	0	0	0	0	0
Other chronic lower respiratory diseases	18	6	0	0	0	0	0	2	2	6	1	1	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	0
Pneumonitis due to solids and liquids	9	1	0	0	0	0	0	1	0	6	1	0	0	0	0	0	0
Other disease of respiratory system	33	12	0	4	0	0	0	3	0	6	5	3	0	0	0	0	0
Peptic ulcer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of appendix	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Hernia	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Chronic liver disease and cirrhosis	98	16	0	5	8	1	0	24	3	15	17	4	0	1	3	1	0
Alcoholic liver disease	80	13	0	3	5	1	0	22	2	11	14	4	0	1	3	1	0
Other chronic liver disease and cirrhosis	18	3	0	2	3	0	0	2	1	4	3	0	0	0	0	0	0
Cholelithiasis and other disorders of gallbladder	3	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0
Nephritis, nephrotic syndrome and nephrosis	39	4	0	6	3	0	0	4	0	11	3	7	0	0	0	1	0
Acute and rapidly progressive nephritic and nephrotic syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Renal failure	38	4	0	6	3	0	0	4	0	10	3	7	0	0	0	1	0
Others disorders of kidney	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney	3	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Hyperplasia of prostate	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inflammatory diseases of female pelvic organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Pregnancy with abortive outcome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

5.7 (continued)

DEATHS BY COUNTY OF RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2007

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	Unknown
Other complications of pregnancy, childbirth and the puerperium	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Perinatal conditions	20	3	0	3	1	0	0	3	0	5	2	3	0	0	0	0	0
Congenital anomalies, deformations and chromosomal abnormalities	14	1	0	3	0	0	0	3	0	4	0	1	0	2	0	0	0
Symptoms, signs, abnormal findings	37	5	0	4	3	0	0	4	0	9	8	2	0	0	1	1	0
Total accidents	281	80	0	34	5	2	0	40	6	70	18	19	0	0	1	3	3
Transport accidents	174	50	0	22	4	1	0	18	3	46	11	15	0	0	0	3	1
Motor vehicle accidents	159	47	0	22	2	1	0	15	3	44	10	12	0	0	0	2	1
Other land transport accidents	10	2	0	0	0	0	0	1	0	2	1	3	0	0	0	1	0
Water, air, space	5	1	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0
Nontransport accidents	107	30	0	12	1	1	0	22	3	24	7	4	0	0	1	0	2
Falls	21	3	0	2	0	0	0	5	0	7	4	0	0	0	0	0	0
Accidental discharge of firearms	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Accidental drowning and submersion	8	1	0	0	1	0	0	1	1	2	0	1	0	0	0	0	1
Accidental exposure to smoke, fire and flames	3	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0
Accidental poisoning	32	8	0	3	1	1	0	11	0	5	1	1	0	0	0	0	1
Other and unspecified nontransport accidents	43	18	0	6	0	0	0	4	2	9	1	2	0	0	1	0	0
Intentional self-harm (suicide)	35	6	0	6	2	1	0	6	1	5	7	1	0	0	0	0	0
By discharge of firearms	11	2	0	2	1	0	0	3	0	0	2	1	0	0	0	0	0
By other means	24	4	0	4	1	1	0	3	1	5	5	0	0	0	0	0	0
Assault (homicide)	44	6	0	5	0	0	0	7	2	11	11	2	0	0	0	0	0
By discharge of firearms	16	1	0	2	0	0	0	4	0	2	5	2	0	0	0	0	0
By other means	28	5	0	3	0	0	0	3	2	9	6	0	0	0	0	0	0
Legal intervention	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent	8	2	0	3	1	0	0	0	0	2	0	0	0	0	0	0	0
Discharge of firearms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent	8	2	0	3	1	0	0	0	0	2	0	0	0	0	0	0	0
Operations of war	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	5	1	0	0	0	0	0	1	0	1	2	0	0	0	0	0	0
INJURY BY FIREARMS	28	3	0	4	1	0	0	8	0	2	7	3	0	0	0	0	0
DRUG-INDUCED DEATHS	23	2	0	2	1	1	0	10	1	3	1	1	0	0	0	0	1
ALCOHOL-INDUCED DEATHS	133	31	0	14	5	1	0	29	3	23	16	5	0	1	3	2	0

5.8

DEATHS FROM MOTOR VEHICLE-RELATED INJURIES AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE, GENDER AND AGE GROUP, ARIZONA, 2007

		TOTAL	Resided on reservation													Resided off reservation				
			Colorado River Indian Tribe	Fort McDowell Yavapai Nation	Fort Mohave Indian 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	159	2	1	1	10	6	2	73	1	3	3	7	12	121	10	2	3	23	38
	<1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
	1-4	5	0	0	0	0	0	0	4	0	0	0	0	0	4	0	0	0	1	1
	5-14	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
	15-24	46	1	0	1	5	0	1	20	0	0	1	1	7	37	1	1	2	5	9
	25-34	37	0	1	0	1	2	0	18	0	2	0	2	1	27	3	1	0	6	10
	35-44	30	0	0	0	1	4	1	10	0	1	2	2	1	22	4	0	0	4	8
	45-54	18	1	0	0	3	0	0	7	0	0	0	2	1	14	0	0	0	4	4
	55-64	9	0	0	0	0	0	0	5	0	0	0	0	1	6	0	0	1	2	3
	65-74	7	0	0	0	0	0	0	4	0	0	0	0	0	4	2	0	0	1	3
75-84	5	0	0	0	0	0	0	3	1	0	0	0	1	5	0	0	0	0	0	
M	ALL AGES	114	2	1	0	7	4	1	59	1	2	1	4	8	90	5	1	2	16	24
	<1	2	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0
	1-4	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
	5-14	36	1	0	0	4	0	1	16	0	0	0	1	5	28	1	1	2	4	8
	25-34	25	0	1	0	0	1	0	15	0	1	0	0	1	19	1	0	0	5	6
	35-44	20	0	0	0	1	3	0	9	0	1	1	1	0	16	3	0	0	1	4
	45-54	15	1	0	0	2	0	0	6	0	0	0	2	1	12	0	0	0	3	3
	55-64	7	0	0	0	0	0	0	4	0	0	0	0	1	5	0	0	0	2	2
	65-74	5	0	0	0	0	0	0	4	0	0	0	0	0	4	0	0	0	1	1
	75-84	3	0	0	0	0	0	0	2	1	0	0	0	0	3	0	0	0	0	0
F	ALL AGES	45	0	0	1	3	2	1	14	0	1	2	3	4	31	5	1	1	7	14
	<1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
	1-4	3	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	1	1
	5-14	10	0	0	1	1	0	0	4	0	0	1	0	2	9	0	0	0	1	1
	25-34	12	0	0	0	1	1	0	3	0	1	0	2	0	8	2	1	0	1	4
	35-44	10	0	0	0	0	1	1	1	0	0	1	1	1	6	1	0	0	3	4
	45-54	3	0	0	0	1	0	0	1	0	0	0	0	0	2	0	0	0	1	1
	55-64	2	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	1
	65-74	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
	75-84	2	0	0	0	0	0	0	1	0	0	0	0	1	2	0	0	0	0	0

5.9

**INTENTIONAL SELF-HARM (SUICIDE) AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE,
GENDER AND AGE GROUP, ARIZONA, 2007**

		TOTAL	Resided on reservation							Resided off reservation				
			Hopi Tribe	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 AGES	35	1	12	2	3	5	1	24	5	1	1	4	11
	5-14	1	0	0	0	0	1	0	1	0	0	0	0	0
	15-24	13	0	4	0	1	2	1	8	3	0	1	1	5
	25-34	10	1	3	1	0	2	0	7	1	1	0	1	3
	35-44	5	0	2	1	1	0	0	4	0	0	0	1	1
	45-54	4	0	3	0	0	0	0	3	1	0	0	0	1
	55-64	1	0	0	0	0	0	0	0	0	0	0	1	1
	65-74	1	0	0	0	1	0	0	1	0	0	0	0	0
M	ALL AGES	28	1	10	1	3	3	1	19	5	1	1	2	9
	15-24	10	0	3	0	1	1	1	6	3	0	1	0	4
	25-34	9	1	3	0	0	2	0	6	1	1	0	1	3
	35-44	5	0	2	1	1	0	0	4	0	0	0	1	1
	45-54	3	0	2	0	0	0	0	2	1	0	0	0	1
	65-74	1	0	0	0	1	0	0	1	0	0	0	0	0
	F	ALL AGES	7	0	2	1	0	2	0	5	0	0	0	2
	5-14	1	0	0	0	0	1	0	1	0	0	0	0	0
	15-24	3	0	1	0	0	1	0	2	0	0	0	1	1
	25-34	1	0	0	1	0	0	0	1	0	0	0	0	0
	45-54	1	0	1	0	0	0	0	1	0	0	0	0	0
	55-64	1	0	0	0	0	0	0	0	0	0	0	1	1

**5.10
ASSAULT (HOMICIDE) AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE, GENDER AND AGE GROUP,
ARIZONA, 2007**

		TOTAL	Resided on reservation							Resided off reservation				
			Gila River Indian Community	Hopi Tribe	Navajo Nation	Pascua Yaqui 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	44	2	2	13	3	6	5	31	6	2	1	4	13
	<1	1	0	0	0	0	0	0	0	1	0	0	0	1
	5-14	1	0	0	1	0	0	0	1	0	0	0	0	0
	15-24	15	1	1	5	1	2	2	12	3	0	0	0	3
	25-34	7	0	1	1	2	2	0	6	0	0	0	1	1
	35-44	12	1	0	4	0	2	2	9	0	1	1	1	3
	45-54	4	0	0	1	0	0	0	1	1	1	0	1	3
	55-64	2	0	0	0	0	0	1	1	1	0	0	0	1
	65-74	2	0	0	1	0	0	0	1	0	0	0	1	1
M	ALL AGES	36	2	2	11	3	5	5	28	3	2	1	2	8
	5-14	1	0	0	1	0	0	0	1	0	0	0	0	0
	15-24	13	1	1	4	1	2	2	11	2	0	0	0	2
	25-34	6	0	1	1	2	2	0	6	0	0	0	0	0
	35-44	10	1	0	3	0	1	2	7	0	1	1	1	3
	45-54	3	0	0	1	0	0	0	1	0	1	0	1	2
	55-64	2	0	0	0	0	0	1	1	1	0	0	0	1
	65-74	1	0	0	1	0	0	0	1	0	0	0	0	0
F	ALL AGES	8	0	0	2	0	1	0	3	3	0	0	2	5
	<1	1	0	0	0	0	0	0	0	1	0	0	0	1
	15-24	2	0	0	1	0	0	0	1	1	0	0	0	1
	25-34	1	0	0	0	0	0	0	0	0	0	0	1	1
	35-44	2	0	0	1	0	1	0	2	0	0	0	0	0
	45-54	1	0	0	0	0	0	0	0	1	0	0	0	1
	65-74	1	0	0	0	0	0	0	0	0	0	0	1	1

5.11

DIABETES-RELATED DEATHS AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE, GENDER AND AGE GROUP, ARIZONA, 2007

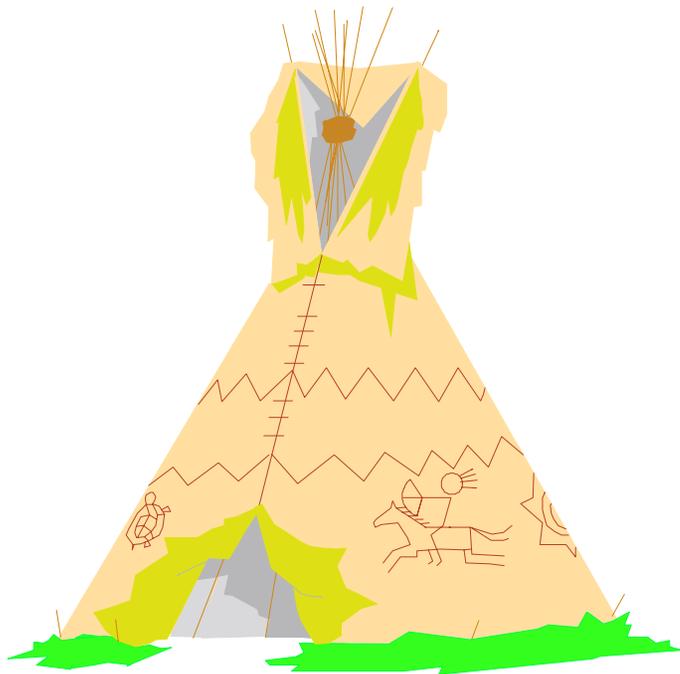
	TOTAL	Resided on reservation															Resided off reservation						
		Cocopah Tribe	Colorado River Indian Tribe	Fort McDowell Yavapai Nation	Fort Yuma Quechan Tribe	Gila River Indian Community	Havasupai Tribe	Hopi Tribe	Hualapai Nation	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Community	San Carlos Apache Tribe	Tohono O'Odham Tribe	White Mountain Apache Tribe	Yavapai-Apache Nation	TOTAL	---in Maricopa County	---in Pima County	---in Coconino County	---elsewhere in Arizona	TOTAL	
TOTAL	ALL AGES	217	2	3	3	1	11	1	8	6	59	11	2	7	22	18	1	155	36	2	6	18	62
	25-34	4	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	3	1	0	0	0	1
	35-44	19	1	1	1	1	1	1	1	1	3	1	0	0	1	0	0	13	4	0	2	0	6
	45-54	33	0	1	0	0	4	0	0	3	4	0	0	1	7	3	0	23	8	0	1	1	10
	55-64	40	1	1	1	0	3	0	2	1	8	3	0	0	6	3	0	29	3	1	1	6	11
	65-74	60	0	0	1	0	2	0	1	0	17	2	0	3	6	7	1	40	13	1	0	6	20
	75-84	41	0	0	0	0	0	0	4	0	19	5	1	1	1	3	0	34	4	0	1	2	7
	85+	20	0	0	0	0	1	0	0	1	6	0	1	1	1	2	0	13	3	0	1	3	7
M	ALL AGES	113	1	3	2	0	6	0	3	4	34	1	0	3	11	10	0	78	21	1	3	10	35
	25-34	3	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	1	0	0	0	1
	35-44	10	1	1	1	0	0	0	0	1	2	0	0	0	1	0	0	7	2	0	1	0	3
	45-54	20	0	1	0	0	4	0	0	2	4	0	0	0	2	2	0	15	4	0	1	0	5
	55-64	23	0	1	1	0	1	0	1	1	5	0	0	0	4	0	0	14	3	1	1	4	9
	65-74	35	0	0	0	0	0	0	1	0	12	0	0	2	3	5	0	23	8	0	0	4	12
	75-84	16	0	0	0	0	0	0	1	0	8	1	0	0	1	3	0	14	2	0	0	0	2
	85+	6	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	3	1	0	0	2	3
F	ALL AGES	104	1	0	1	1	5	1	5	2	25	10	2	4	11	8	1	77	15	1	3	8	27
	25-34	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
	35-44	9	0	0	0	1	1	1	1	0	1	1	0	0	0	0	0	6	2	0	1	0	3
	45-54	13	0	0	0	0	0	0	0	1	0	0	0	1	5	1	0	8	4	0	0	1	5
	55-64	17	1	0	0	0	2	0	1	0	3	3	0	0	2	3	0	15	0	0	0	2	2
	65-74	25	0	0	1	0	2	0	0	0	5	2	0	1	3	2	1	17	5	1	0	2	8
	75-84	25	0	0	0	0	0	0	3	0	11	4	1	1	0	0	0	20	2	0	1	2	5
	85+	14	0	0	0	0	0	0	0	1	5	0	1	0	1	2	0	10	2	0	1	1	4

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 2007) 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, 2007

		TOTAL	Resided on reservation														Resided off reservation				
			Cocopah Tribe	Colorado River Indian Tribe	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	Yavapai-Apache Nation	TOTAL	---in Maricopa County	---in Pima County	---elsewhere in Arizona	TOTAL
TOTAL	ALL AGES	133	2	2	3	1	7	7	3	44	4	2	6	12	9	1	103	19	2	9	30
	15-24	4	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	0	0	0	0
	25-34	9	0	0	0	1	1	1	0	2	0	0	2	0	0	0	7	2	0	0	2
	35-44	42	1	0	1	0	2	3	2	11	1	1	0	7	2	0	31	6	1	4	11
	45-54	50	0	1	1	0	3	2	1	17	2	1	3	1	5	0	37	9	0	4	13
	55-64	16	0	1	1	0	0	1	0	7	1	0	1	2	1	0	15	1	0	0	1
	65-74	10	1	0	0	0	1	0	0	3	0	0	0	2	0	1	8	1	0	1	2
	75-84	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1
M	ALL AGES	88	1	2	1	0	4	6	2	32	4	2	1	7	5	0	67	13	1	7	21
	15-24	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	0	0	0	0
	25-34	5	0	0	0	0	1	1	0	2	0	0	0	0	0	0	4	1	0	0	1
	35-44	27	1	0	0	0	0	3	1	8	1	1	0	3	2	0	20	3	0	4	7
	45-54	36	0	1	1	0	2	2	1	13	2	1	1	0	2	0	26	8	0	2	10
	55-64	8	0	1	0	0	0	0	0	3	1	0	0	2	0	0	7	1	0	0	1
	65-74	7	0	0	0	0	1	0	0	3	0	0	0	2	0	0	6	0	0	1	1
	75-84	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1
F	ALL AGES	45	1	0	2	1	3	1	1	12	0	0	5	5	4	1	36	6	1	2	9
	15-24	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0
	25-34	4	0	0	0	1	0	0	0	0	0	0	2	0	0	0	3	1	0	0	1
	35-44	15	0	0	1	0	2	0	1	3	0	0	0	4	0	0	11	3	1	0	4
	45-54	14	0	0	0	0	1	0	0	4	0	0	2	1	3	0	11	1	0	2	3
	55-64	8	0	0	1	0	0	1	0	4	0	0	1	0	1	0	8	0	0	0	0
	65-74	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	1



COMPARATIVE CAUSE-SPECIFIC MORTALITY

5-13
Five Leading Causes of Death* by Gender among American Indian Residents
of Arizona in 2007

Rank	Female	Both	Male
1	Cancer 100.1	Diseases of heart 115.2	Unintentional injury 143.9
2	Diseases of heart 94.7	Cancer 113.9	Diseases of heart 140.5
3	Unintentional injury 50.3	Unintentional injury 95.0	Cancer 135.0
4	Diabetes 42.1	Diabetes 51.1	Diabetes 61.1
5	Influenza and pneumonia 31.7	Chronic liver disease and cirrhosis 36.8	Chronic liver disease and cirrhosis 46.9

* Based on age-adjusted mortality rates: Number of deaths per 100,000 population age-adjusted to the 2000 U.S. standard.
 See Table 2B-4 in the "Arizona Health Status and Vital Statistics 2007" report.

5-14
Five Leading Causes of Death among American Indians by Gender and Residence
On or Off Reservation, Arizona, 2007

Rank	Female, resided on reservation	Female, resided off reservation	Male, resided on reservation	Male, resided off reservation
1	Cancer 15.5%	Cancer 16.4%	Unintentional injury 22.9%	Unintentional injury 18.6%
2	Diseases of heart 13.5%	Diseases of heart 16.4%	Diseases of heart 11.5%	Diseases of heart 14.9%
3	Unintentional injury 9.6%	Unintentional injury 12.7%	Cancer 10.9%	Cancer 13.0%
4	Diabetes 7.0%	Diabetes 4.7%	Chronic liver disease and cirrhosis 6.3%	Diabetes 6.7%
5	Chronic liver disease and cirrhosis 6.8	Chronic liver disease and cirrhosis 3.3%	Diabetes 5.9%	Chronic liver disease and cirrhosis 5.2%

* 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, 2000-2007

Rank	Arizona male**	American Indian male	Arizona female**	American Indian female
1	Trachea, bronchus, lung 28.8%	Prostate 12.3%	Trachea, bronchus, lung 25.8%	Breast 13.6%
2	Prostate 10.8%	Lymphoma 11.3%	Breast 15.6%	Lymphoma 11.7%
3	Lymphoma*** 10.7%	Trachea, bronchus, lung 9.9%	Colon, rectum, anus 9.7%	Ovary 7.9%
4	Colon, rectum, anus 9.7%	Liver 9.5%	Lymphoma 9.5%	Trachea, bronchus, lung 7.1%
5	Pancreas 5.6%	Kidney 8.9%	Ovary 6.0%	Liver 6.7%
6	Esophagus 3.7%	Colon, rectum, anus 8.3%	Pancreas 5.7%	Stomach 6.5%
7	Liver 3.5%	Stomach 7.8%	Brain 2.4%	Pancreas 5.5%
8	Bladder 3.3%	Pancreas 6.9%	Liver 2.2%	Colon, rectum, anus 4.9%
9	Kidney 2.8%	Esophagus 3.9%	Uterus 2.0%	Cervix uteri 4.8%
10	Brain 2.5%	Lip 2.1%	Kidney 1.9%	Kidney 4.5%

*Percent of cancer deaths in specified group.

**All race/ethnic groups combined.

***Malignant neoplasm of lymphoid, hematopoietic and related tissue.

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, 1997-2007

Rank	Arizona male**	American Indian male	Arizona female**	American Indian female
1	Motor vehicle-related 19.6%	Motor vehicle-related 58.9%	Motor vehicle-related 37.3%	Motor vehicle-related 66.9%
2	Poisoning by drugs 18.8%	Poisoning by drugs 7.2%	Falls 29.5%	Falls 8.6%
3	Falls 14.7%	Falls 5.8%	Poisoning by drugs 14.4%	Poisoning by drugs 6.8%
4	Drowning 3.1%	Excessive cold 5.1%	Choked on objects other than food 2.3%	Excessive cold 2.0%
5	Excessive heat 1.7%	Drowning 2.8%	Misadventure during medical care 2.3%	Fire, flames, smoke 1.7%
6	Fire, flames, smoke 1.6%	Poisoning by gases/vapors 2.5%	Drowning 2.1%	Poisoning by gases/vapors 1.5%
7	Choked on object other than food 1.4%	Fire, flames, smoke 1.9%	Fire, flames, smoke 1.9%	Choked on objects other than food 1.3%
8	Mechanical suffocation 1.3%	Mechanical suffocation 1.7%	Choked on food 1.4%	Choked on food 1.2%
9	Accidental discharge of firearms 1.2%	Railway accident 1.5%	Excessive heat 1.1%	Misadventure during medical care 1.0%
10	Poisoning by gases/vapors 1.2%	Choked on objects other than food 1.4%	Poisoning by gases/vapors 0.8%	Mechanical suffocation 1.0%

*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, 2000-2007**

	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Malignant neoplasms, total	75,409	40,342	35,067	1,413	664	749
Malignant neoplasm of lip, oral cavity and pharynx	975	674	301	19	14	5
Malignant neoplasm of esophagus	1,847	1,476	371	28	26	2
Malignant neoplasm of stomach	1,502	905	597	101	52	49
Malignant neoplasm of colon, rectum and anus	7,309	3,908	3,401	92	55	37
Malignant neoplasm of liver and intrahepatic bile ducts	2,189	1,421	768	113	63	50
Malignant neoplasm of pancreas	4,276	2,260	2,016	87	46	41
Malignant neoplasm of larynx	442	351	91	3	2	1
Malignant neoplasm of trachea, bronchus and lung	20,671	11,631	9,040	119	66	53
Malignant melanoma of skin	1,265	883	382	9	6	3
Malignant neoplasm of breast	5,537	56	5,481	102	0	102
Malignant neoplasm of cervix uteri	525	0	525	36	0	36
Malignant neoplasm of corpus uteri and uterus, part unspecified	709	0	709	20	0	20
Malignant neoplasm of ovary	2,113	1	2,112	59	0	59
Malignant neoplasm of prostate	4,358	4,355	3	82	82	0
Malignant neoplasm of kidney and renal pelvis	1,788	1,139	649	93	59	34
Malignant neoplasm of bladder	1,865	1,349	516	16	8	8
Malignant neoplasm of meninges, brain and other parts of central nervous system	1,853	1,025	828	25	12	13
Malignant neoplasm of lymphoid, hematopoietic and related tissue	7,632	4,308	3,324	163	75	88
Hodgkin's disease	165	103	62	1	1	0
Non-Hodgkin's lymphoma	3,031	1,653	1,378	55	25	30
Leukemia	2,942	1,709	1,233	58	26	32
Multiple myeloma and immunoproliferative neoplasms	1,488	839	649	49	23	26
Other and unspecified malignant neoplasms of lymphoid tissue	6	4	2	0	0	0
All other and unspecified malignant neoplasms	8,553	4,600	3,953	246	98	148

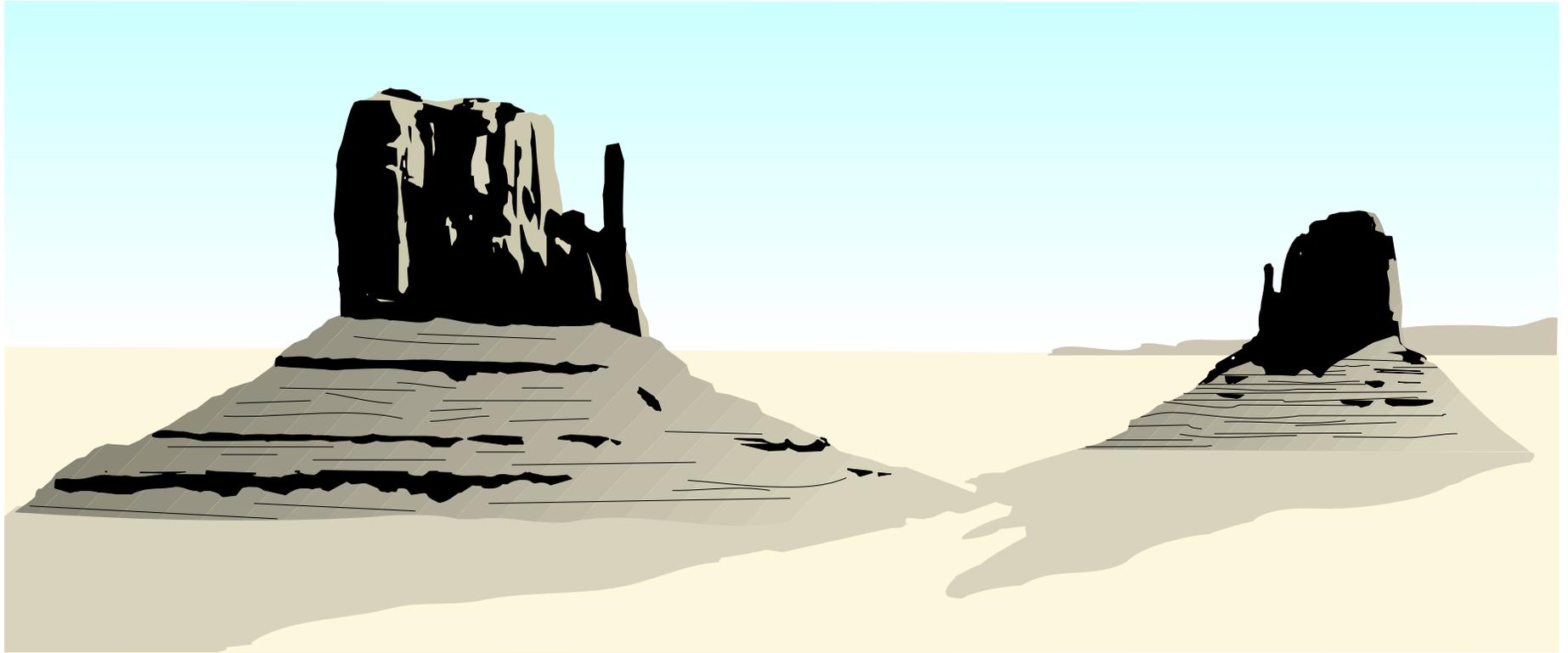
* All race/ethnic groups combined.

5.18

**UNINTENTIONAL INJURY DEATHS BY MECHANISM AND GENDER AMONG AMERICAN INDIANS AND
ALL RESIDENTS* OF ARIZONA, 1997-2007**

	ALL RESIDENTS OF ARIZONA			AMERICAN INDIANS OR ALASKA NATIVES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Unintentional injury, total	27,694	18,203	9,491	2,956	2,094	862
Railway accidents	123	109	14	39	32	7
Motor vehicle -related	11,217	7,673	3,544	1,811	1,234	577
Water transport accident	50	37	13	0	0	0
Accident involving aircraft	210	182	28	2	2	0
Poisoning by drugs/medicaments	4,942	3,571	1,371	209	150	59
Poisoning by gases and vapors	284	212	72	65	52	13
Falls	5,484	2,683	2,801	195	121	74
Fire, flames, smoke	462	284	178	54	39	15
Excessive natural heat	423	315	108	33	25	8
Excessive natural cold	203	170	33	123	106	17
Contact with venomous snakes and lizards	3	3	0	0	0	0
Contact with venomous spiders	4	1	3	0	0	0
Contact with scorpions	3	1	2	0	0	0
Contact with hornets, wasps, bees	1	1	0	1	1	0
Bitten or struck by dog	11	5	6	1	0	1
Lightning	18	14	4	4	3	1
Storms and floods	12	11	1	4	4	0
Accidental drowning and submersion	765	562	203	69	58	11
Choked on food	327	197	130	30	20	10
Choked on other objects	480	262	218	40	29	11
Mechanical suffocation	313	241	72	45	36	9
Accidental discharge of firearms	254	213	41	24	22	2
Exposure to electric current	81	79	2	5	4	1
Overexertion	2	2	0	1	1	0
Adverse effects of drugs in therapetic use	55	26	29	0	0	0
Misadventures to patients during medical/surgical care	412	195	217	18	9	9

* 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	2007 population of American Indians	2007 deaths among American Indians	Age-specific rates for American Indians in 2007	2000 standard	Age-adjusted rate for American Indians In 2007
A	B	C	D (C/B)*100000	E	F D*E
<1	6,500	52	800.0	.013818	11.1
1-4	23,702	13	54.8	.055317	3.0
5-14	63,698	17	26.7	.145565	3.9
15-24	67,089	111	165.5	.138646	22.9
25-34	50,267	104	206.9	.135573	28.0
35-44	44,454	196	440.9	.162613	71.7
45-54	37,176	224	602.5	.134834	81.2
55-64	23,160	221	954.2	.087247	83.3
65-74	12,823	245	1910.6	.066037	126.2
75-84	6,512	268	4115.5	.044842	184.5
85+	2,383	210	8812.4	.015508	136.7
	337,764	1,661		TOTAL	752.5

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	37	0.8108	0.0644	7.9	0.6846	0.9370
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	O00-099	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

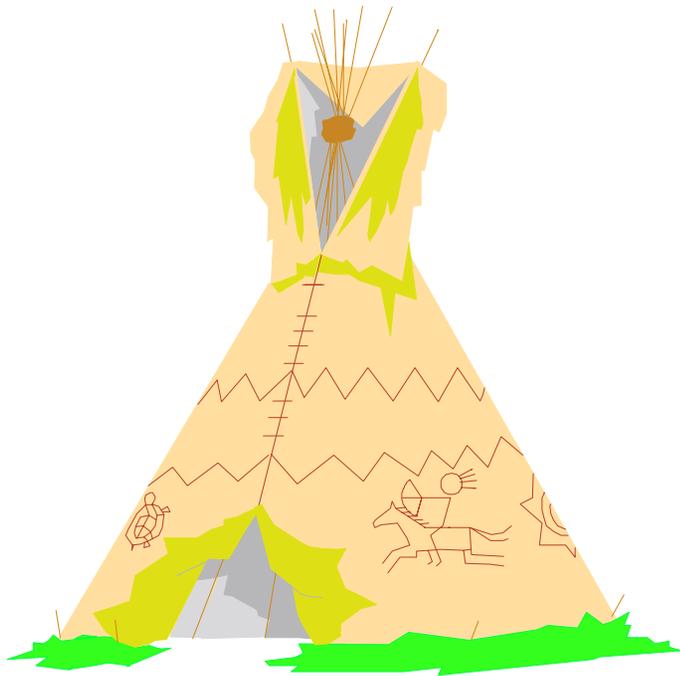
See footnotes at end of table.

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 TRIBE	La Paz	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	
	Toyei	
	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
		Seneca
	Graham	Bylas
		Calva
TOHONO O'ODHAM		
	Maricopa	Gila Bend/San Lucy Village
		Kaka
		Totopitk
	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

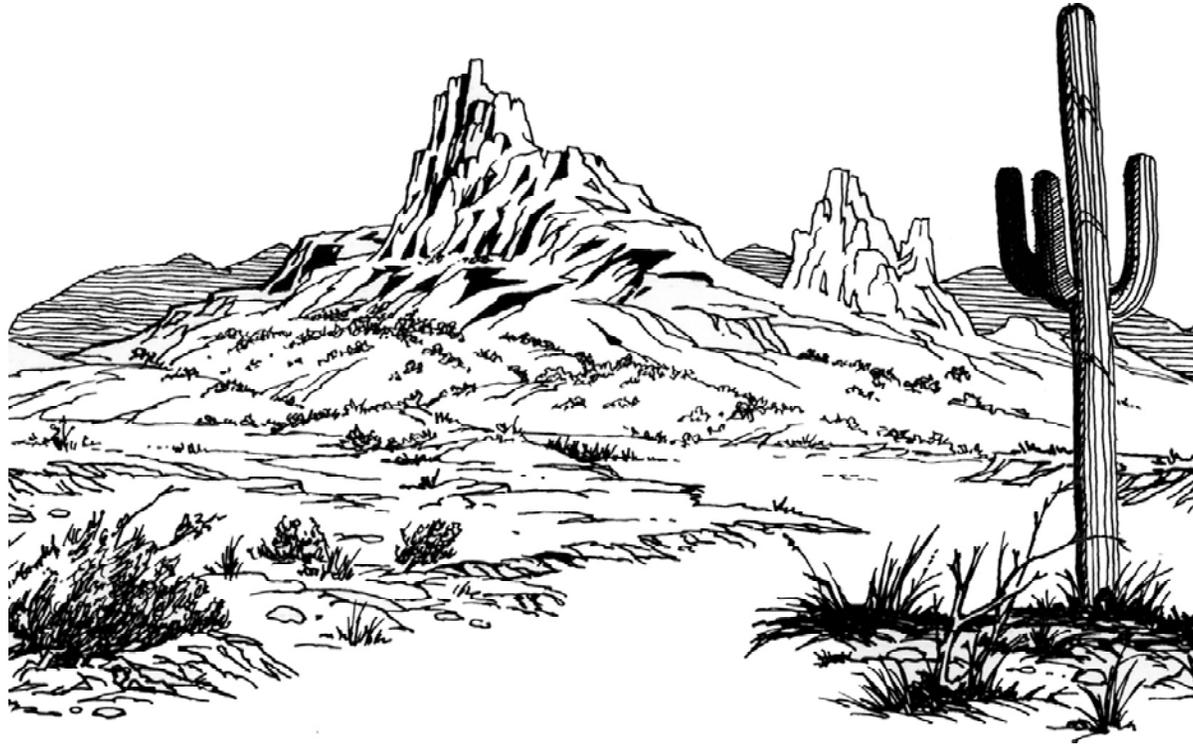
TRIBAL COMMUNITIES OF AMERICAN INDIANS IN ARIZONA (continued)

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
<hr/>		
WHITE MOUNTAIN APACHE TRIBE	Apache	Maverick
		McNary
	Gila	Amos Wash
		Canyon Day
		Carrizo
		Cedar Creek
		Warrior Canyon
		Chino Springs
	Navajo	Castle Butte
		Cibecue
		Deer Springs
		Diamond Creek
		Fort Apache
		Grasshopper
		Hondah
		Indian Pine
		North Fork
		Rainbow City
		Seven Mile
Whiteriver		
<hr/>		
YAVAPAI-APACHE NATION	Yavapai	Camp Verde Reservation
		Middle Verde
<hr/>		
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 the Health Status Among Race/Ethnic Groups*, *Advance Vital Statistics by County of Residence*, *Mortality from Alzheimer's Disease*, *Injury Mortality among Arizona Residents* (accidents, suicides, homicides, legal intervention, firearm-related fatalities, drug-related deaths, drowning deaths, falls among Arizonans 65 years or older), hospital inpatient and emergency room statistics for *mental disorders*, *asthma*, *diabetes*, *influenza and pneumonia* and *substance abuse*, *Community Vital Statistics*, *Teenage Pregnancy*, *Selected Characteristics of Newborns and Mothers Giving Birth by Census Tract* in Maricopa County, Pima County and South Phoenix Area, *Health Status Profile of American Indians in Arizona*, *Deaths from Exposure to Excessive Natural Heat Occurring in Arizona*, *Obesity in Arizona: Prevalence, Hospital Care Utilization, Mortality, and Marital Status and Health*.



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