

**Health Status
Profile
of American
Indians in
Arizona**

Arizona
Department of
Health Services

**2005
Data Book**

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

~ Leadership for a Healthy Arizona ~



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HEALTH STATUS PROFILE OF AMERICAN INDIANS IN ARIZONA: 2005 DATA BOOK

by

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HEALTH STATUS PROFILE OF AMERICAN INDIANS IN ARIZONA 2005 DATA BOOK

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INTRODUCTION

The report *Health Status Profile of American Indians in Arizona: 2005 Data Book* is the tenth 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 2005.

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 2005 *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 2005 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 1995-2005 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 two-part section focused on patterns of cause-specific mortality among American Indians by age group, gender and place of residence in Arizona in 2005. Beginning with the 2001 edition of the report, these tables have changed to accommodate a new listing of 113 specific causes of mortality.

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 - 2005 are classified by ICD-10.

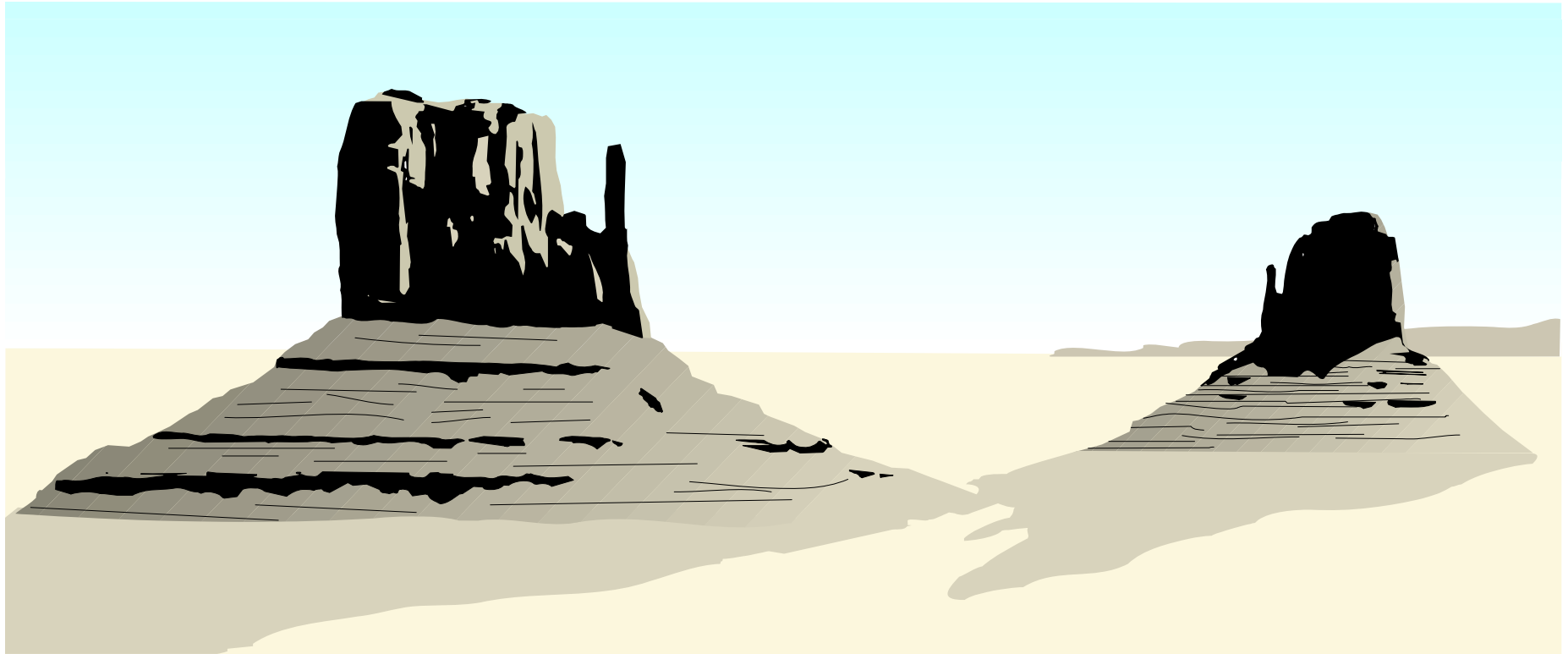
Beginning with the first edition of this report published in 1996, specific Indian reservations have been identified by tribal communities comprising them. However, this approach does not work very well for the tribes residing within the limits of an incorporated city (such as Yavapai Prescott Indian 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 2005. 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 1995–2005 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 2005**

The risk profile presented on the following page summarizes how American Indians as a group compared in 2005 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 an 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 2005, American Indians in Arizona had the second highest average score among all groups and second lowest rank of overall health status. They ranked worse than statewide average 39 times on 70 indicators, and they exceeded the statewide averages by a wider margin than any other group except Blacks or African Americans. American Indians ranked poorly on measures of maternal lifestyle and health as well as in utilization of prenatal care. High incidence of birth defects and high infant mortality, alcoholism, diabetes, motor vehicle accidents and mortality from unintentional injuries contributed to the premature death rate. In 2005, compared to White non-Hispanics, on average American Indian residents of Arizona were 18 years younger at time of death. This resulted in the second lowest ranking of American Indians in the relative healthiness among racial and ethnic groups in Arizona. However, American Indians ranked better than average with low mortality rates for several chronic diseases (lung cancer, Alzheimer's disease, colorectal cancer, chronic lower respiratory diseases, coronary heart disease), low tobacco use and low incidence of genital herpes among women giving birth.

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

2005 RISK PROFILE OF AMERICAN INDIANS

(percent above or below the average rate or ratio of all Arizona residents in 2005)



AMERICAN INDIANS' STANDING IN ARIZONA IN 2005 ON 70 INDICATORS OF HEALTH STATUS

1. TEEN PREGNANCIES

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

Figure number	Indicator	2005 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2005	Definitions
1-1	Pregnancies among females 19 and younger	40.8	24.8	32.7	The sum of live births, fetal deaths, and abortions per 1,000 females aged 19 or younger
1-2	Pregnancies among females 14 and younger	1.5	36.4	1.1	The sum of live births, fetal deaths, and abortions per 1,000 females aged 14 or younger
1-3	Pregnancies among females 15-17 years old	55.0	40.7	39.1	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	137.0	32.2	103.6	The sum of live births, fetal deaths, and abortions per 1,000 females aged 18-19 years

2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS

(All ratios are per 100 live births)

Figure number	Indicator	2005 ratio for American Indians	Percent above or below the average ratio for all groups	Average ratio for all groups in 2005	Definitions
2-1	Unmarried mothers	72.9	70.3	42.8	The number of births to unmarried mothers per 100 births
2-2	Tobacco use during pregnancy	3.4	-37.0	5.4	The number of mothers giving birth who self-reported tobacco use during pregnancy per 100 births
2-3	Alcohol use during pregnancy	2.2	175.0	0.8	The number of mothers giving birth who self-reported alcohol use during pregnancy per 100 births
2-4	Chronic hypertension	1.0	150.0	0.4	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	3.0	150.0	1.2	Failure to progress in a normal pattern of labor (the number of cases per 100 births).
2-6	Anemia during pregnancy	5.6	180.0	2.0	Hemoglobin level of less than 10.0 g/dL during pregnancy, or hematocrit of less than 30 percent during pregnancy (the number of cases per 100 births).
2-7	Diabetes during pregnancy	8.2	173.3	3.0	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	0.5	-28.6	0.7	Infection of the skin of the genital area by herpes simplex virus (the number of cases per 100 births).
2-10	Weight gain of less than 21 pounds	32.4	32.8	24.4	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	2005 ratio for American Indians	Percent above or below the average ratio for all groups	Average ratio for all groups in 2005	Definition
3-1	No care in the 1 st trimester	32.1	43.9	22.3	The number of mothers giving birth who received no prenatal care in the 1 st trimester of pregnancy per 100 births.
3-2	Fewer than five prenatal visits	12.6	93.8	6.5	The number of mothers giving birth who had fewer than five prenatal visits during pregnancy per 100 births.
3-3	No prenatal care	3.0	30.4	2.3	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	2005 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 2005	Definition
4-1	Incidence of hyaline membrane disease	0.3	0.0	0.3	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	5.1	-10.5	5.7	The number of babies admitted to Newborn Intensive Care units per 100 births
4-3	Born too early (preterm or < 37 weeks)	10.6	-0.9	10.7	The number of births before 37 weeks of gestation per 100 births. Preterm = any neonate whose birth occurs through the end of the last day of the 37 th week (259 th day), following onset of the last menstrual period.
4-4	Born too small: low-birthweight (<2,500 grams)	7.3	5.8	6.9	The number of newborns weighing less than 2,500 grams per 100 births. Low-birthweight = any neonate weighing less than 2,500 grams at birth (less than 5 pounds 8 ounces).
4-5	Born too small: very low-birthweight (<1,500 grams)	1.1	-8.3	1.2	The number of newborns weighing less than 1,500 grams per 100 births. Very low-birthweight = any neonate whose weight at birth is 1,500 grams or less (less than 3 pounds 5 ounces).
4-6	Incidence of congenital anomalies (birth defects)	1.5	50.0	1.0	The numbers of babies born with birth defects per 100 births.
4-7	Infant mortality	8.3	22.1	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)	0.6	100.0	0.3	The number of infant deaths from Sudden Infant Death Syndrome (ICD-10 code R95) per 1,000 live births
4-9	Mortality of infants from low birthweight/short gestation	0.5	-37.5	0.8	The number of infant deaths from low- birthweight/short gestation (ICD-10 code P07) per 1,000 live births
4-10	Neonatal mortality	4.3	-2.3	4.4	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	4.0	66.7	2.4	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	2005 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2005	Definition
5-1	Cardiovascular disease	235.6	-4.1	245.7	The number of deaths from cardiovascular diseases (ICD-10 codes I00-I78) per 100,000 age-adjusted population.
5-2	Diseases of the heart	179.1	-4.2	186.9	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	133.7	-9.6	147.9	The number of deaths from coronary heart disease (ICD-10 codes I200-I259) per 100,000 age-adjusted population.
5-4	Cerebrovascular disease	32.3	-20.4	40.6	The number of deaths from cerebrovascular disease (ICD-10 codes I60-I69) per 100,000 age-adjusted population.
5-5	Chronic lower respiratory diseases	12.0	-74.4	46.8	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)	122.2	-24.5	161.8	The number of deaths from cancer (ICD-10 codes C00-C97) per 100,000 age-adjusted population.
5-7	Lung cancer	6.5	-84.9	43.0	The number of deaths from lung cancer (ICD-10 codes C33-C34) per 100,000 age-adjusted population.
5-8	Breast cancer	14.9	-28.0	20.7	The number of deaths from breast cancer (ICD-10 code C50) per 100,00 age-adjusted female population.
5-9	Cervical cancer	3.4	61.9	2.1	The number of deaths from cervical cancer (ICD-10 code C53) per 100,000 age-adjusted female population.
5-10	Colorectal cancer	7.5	-51.3	15.4	The number of deaths from colorectal cancer (ICD-10 codes C18-C21) per 100,000 age-adjusted population.
5-11	Prostate cancer	23.5	-1.3	23.8	The number of deaths from prostate cancer (ICD-10 code C61) per 100,000 age-adjusted male population.
5-12	Influenza and pneumonia	72.0	222.9	22.3	The number of deaths from influenza and pneumonia (ICD-10 codes J10-J18) per 100,000 age-adjusted population.
5-13	Diabetes	69.9	247.8	20.1	The number of deaths from diabetes (ICD-10 codes E10-E14) per 100,000 age-adjusted population.
5-14	Chronic liver disease and cirrhosis	51.2	303.1	12.7	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	3.1	29.2	2.4	The number of deaths from HIV disease (ICD-10 codes B20-B24) per 100,000 age-adjusted population.
5-16	Septicemia	18.2	116.7	8.4	The number of deaths from septicemia (ICD-10 codes A40-A41) per 100,000 age-adjusted population.
5-17	Alzheimer's disease	16.2	-50.5	32.7	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)	31.4	201.9	10.4	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	15.8	132.4	6.8	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	1,006.6	30.3	772.5	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	2005 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2005	Definition
6-1	Unintentional injuries	117.8	130.5	51.1	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	62.6	231.2	18.9	The number of deaths from motor vehicle-related injuries (ICD-10 codes V02–V04, V09.0, V09.2, V12–V14, V19.0–V19.2, V19.4–V19.6, V20–V79, V80.3–V80.5, V81.0–V81.1, V82.0–V82.1, V83–V86, V87.0–V87.8, V88.0–V88.8, V89.0, V89.2) per 100,000 age-adjusted population.
6-3	Fall-related injuries	10.4	-13.3	12.0	The number of deaths from fall-related injuries (ICD-10 codes W00–W19) per 100,000 age-adjusted population.
6-4	Drowning mortality	3.4	142.9	1.4	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	15.6	2.6	15.2	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	12.4	-10.1	13.8	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	51.1	356.3	11.2	The number of alcohol-induced deaths (ICD-10 codes F10, G31.2, G62.1, I42.6, K29.2, K70, R78.0, X45, X65, Y15) per 100,000 age-adjusted population. Causes of death attributable to alcohol-induced mortality include mental and behavioral disorders due to alcohol use, degeneration of nervous system due to alcohol, alcoholic polyneuropathy, alcoholic cardiomyopathy, alcoholic gastritis, alcoholic liver disease, finding of alcohol in blood, accidental poisoning by and exposure to alcohol, intentional self-poisoning by and exposure to alcohol; and poisoning by and exposure to alcohol, undetermined intent. Alcohol-induced causes exclude accidents, homicides, and other causes indirectly related to alcohol use.
6-8	Intentional self-harm (suicide)	17.5	13.6	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)	14.0	70.7	8.2	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	2005 rate for American Indians	Percent above or below the average rate for all groups	Average value for all groups in 2005	Definition
7-1	Mortality of children 1-14 years old	33.4	47.1	22.7	The number of deaths per 100,000 children 1-14 years old in 2005
7-2	Mortality of adolescents 15-19 years old	137.0	71.0	80.1	The number of deaths per 100,000 adolescents 15-19 years old in 2005
7-3	Mortality of young adults 20-44 years old	348.3	147.2	140.9	The number of deaths per 100,000 young adults 20-44 years old in 2005
7-4	Mortality of middle-aged adults 45-64 years old	1,077.0	60.0	673.1	The number of deaths per 100,000 middle-aged adults 45-64 years old in 2005

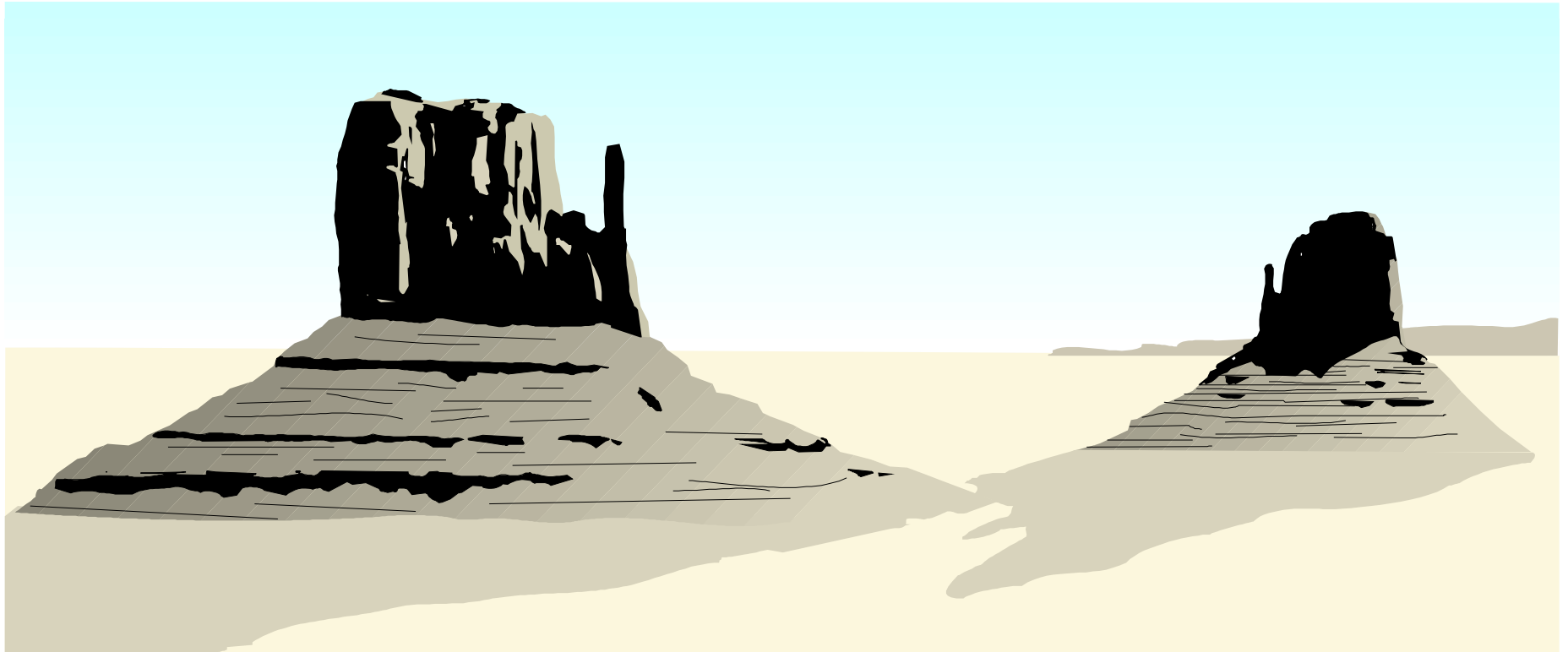
8. PREMATURE MORTALITY

Figure number	Indicators	2005 value for American Indians	Percent above or below the average value for all groups	Average value for all groups in 2005	Definitions
8-1	Median age at death from all causes	59.0	23.4	77.0	The median age (the age in the middle) of Arizonans who died in 2005
8-2	Median age at death from all causes among males	54.0	27.0	74.0	The median age (the age in the middle) of Arizona males who died in 2005
8-3	Median age at death from all causes among females	66.0	17.5	80.0	The median age (the age in the middle) of Arizona females who died in 2005
8-4	Percent of total deaths before expected years of life reached	78.4	48.8	52.7	The number of deaths before reaching 77.9 years (the life expectancy of all U.S. residents in 2004) per 100 deaths

9. REPORTABLE DISEASES

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

Figure number	Indicators	2005 rate for American Indians	Percent above or below the average rate for all groups	Average rate for all groups in 2005	Definitions
9-1	Incidence of early syphilis	10.6	107.8	5.1	Number of reported cases of early syphilis per 100,000 population
9-2	Incidence of gonorrhea	142.6	74.1	81.9	Number of reported cases of gonorrhea per 100,000 population
9-3	Incidence of chlamydia	827.6	135.1	352.0	Number of reported cases of chlamydia per 100,000 population
9-4	Incidence of genital herpes	29.5	49.7	19.7	Number of reported cases of genital herpes per 100,000 population
9-5	Incidence of AIDS	15.1	18.0	12.8	Number of reported cases of AIDS per 100,000 population

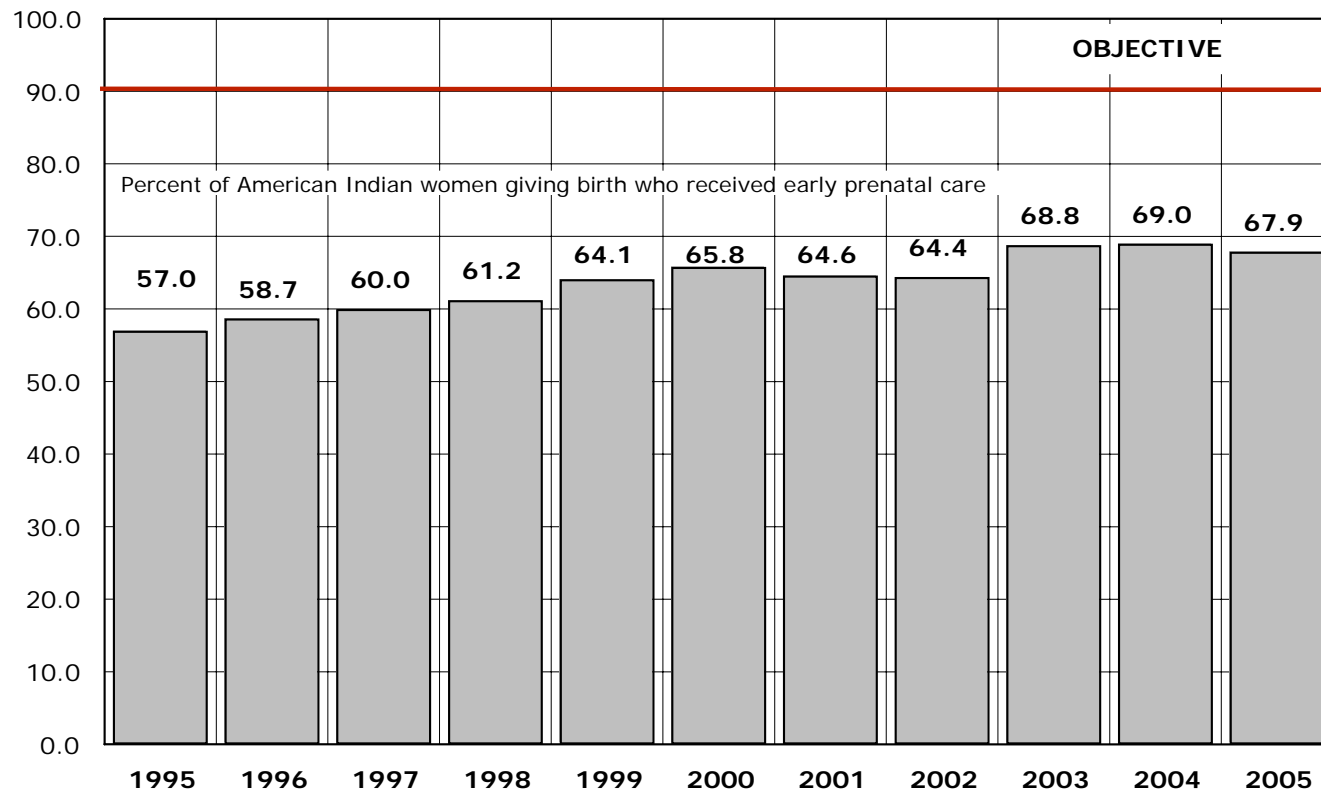


II.

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

2.1 Early Prenatal Care

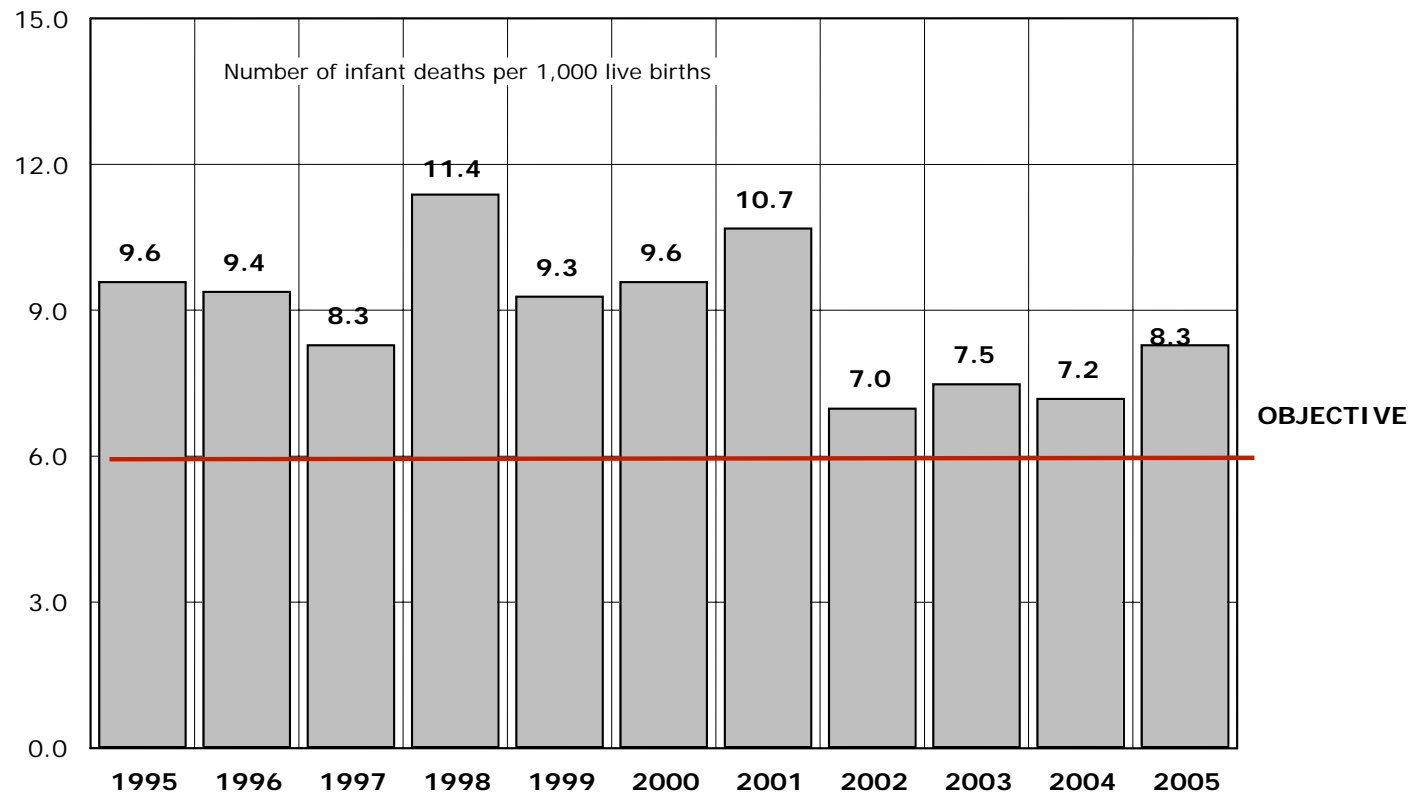
National Year 2010 Objective (HP16-10a*): Increase to 90 percent the proportion of women giving birth who receive prenatal care in the first trimester of pregnancy.



Source: Table 1B-2 and Table 1B-12 in *Arizona Health Status and Vital Statistics 2005*.

2.2 Infant Mortality

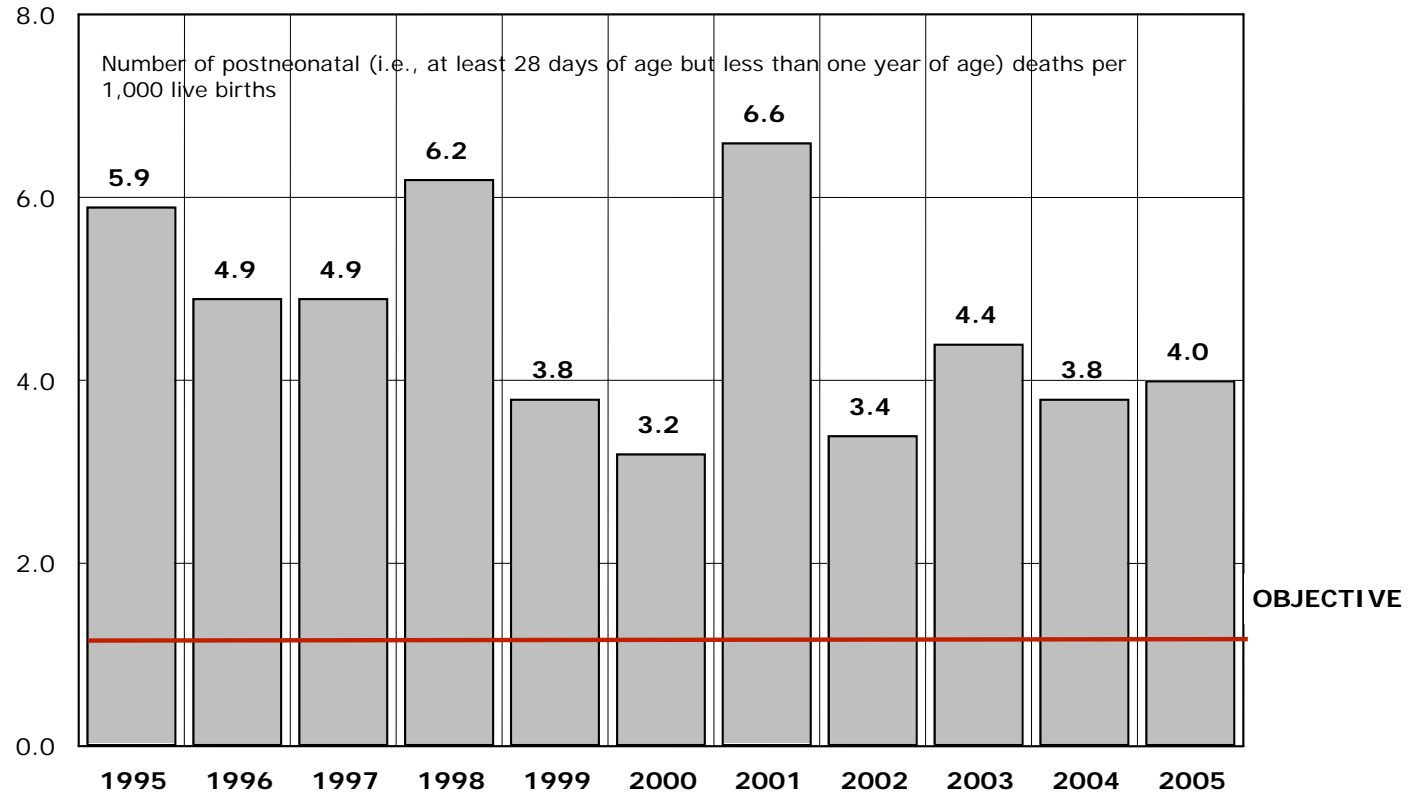
National Year 2010 Objective (HP16-1c): Reduce the rate of infant deaths to no more than 6 per 1,000 live births.



Source: Table 2C-2 in *Arizona Health Status and Vital Statistics 2005*.
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

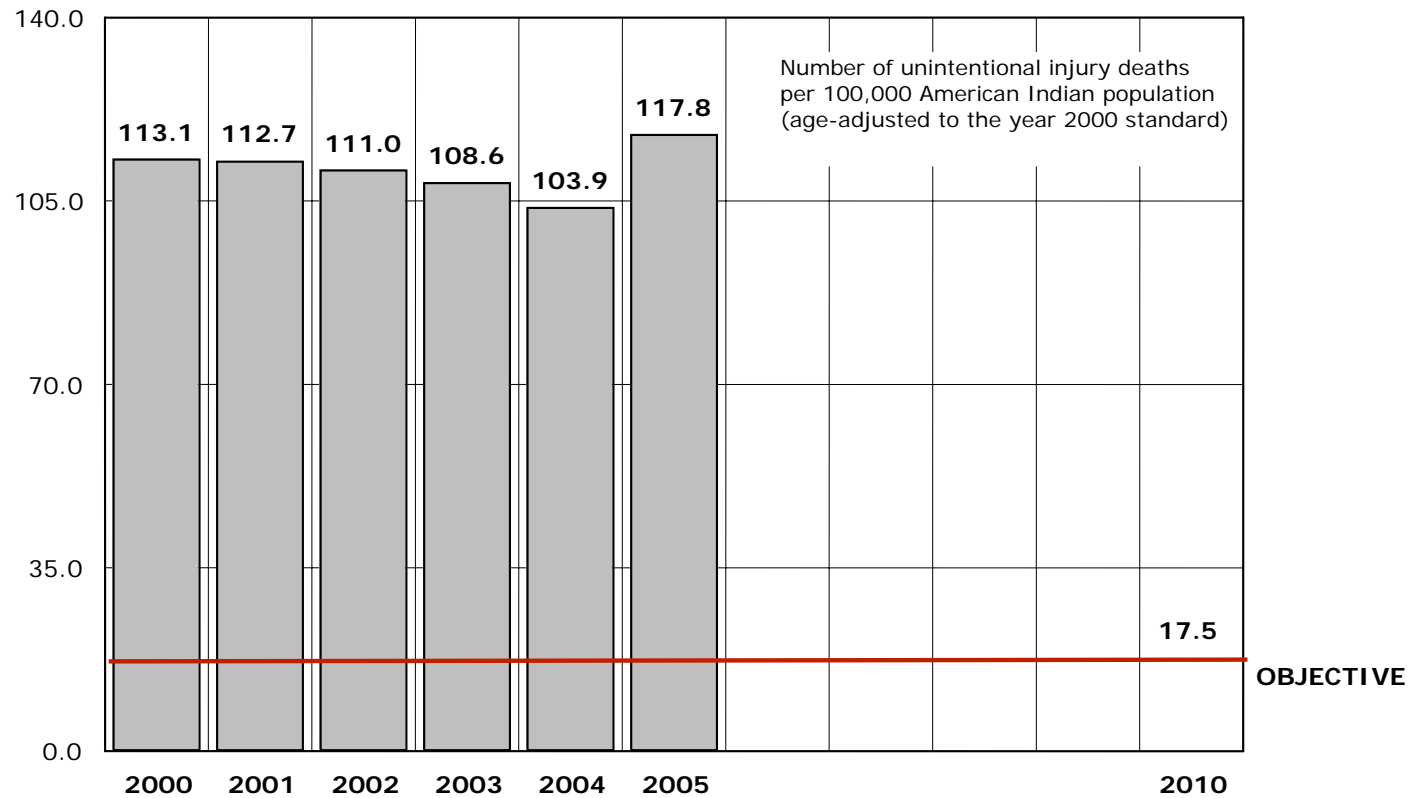
National Year 2010 Objective (HP16-1e): Reduce postneonatal mortality to no more than 1.2 per 1,000 live births.



Source: Table 2C-3 or Table 2C-4 in *Arizona Health Status and Vital Statistics 2005*.
Postneonatal deaths are by the race/ethnicity of the decedent. For consistency with the national data, the denominators used to calculate postneonatal mortality rates are by race/ethnicity of mother.

2.4 Unintentional Injury Deaths

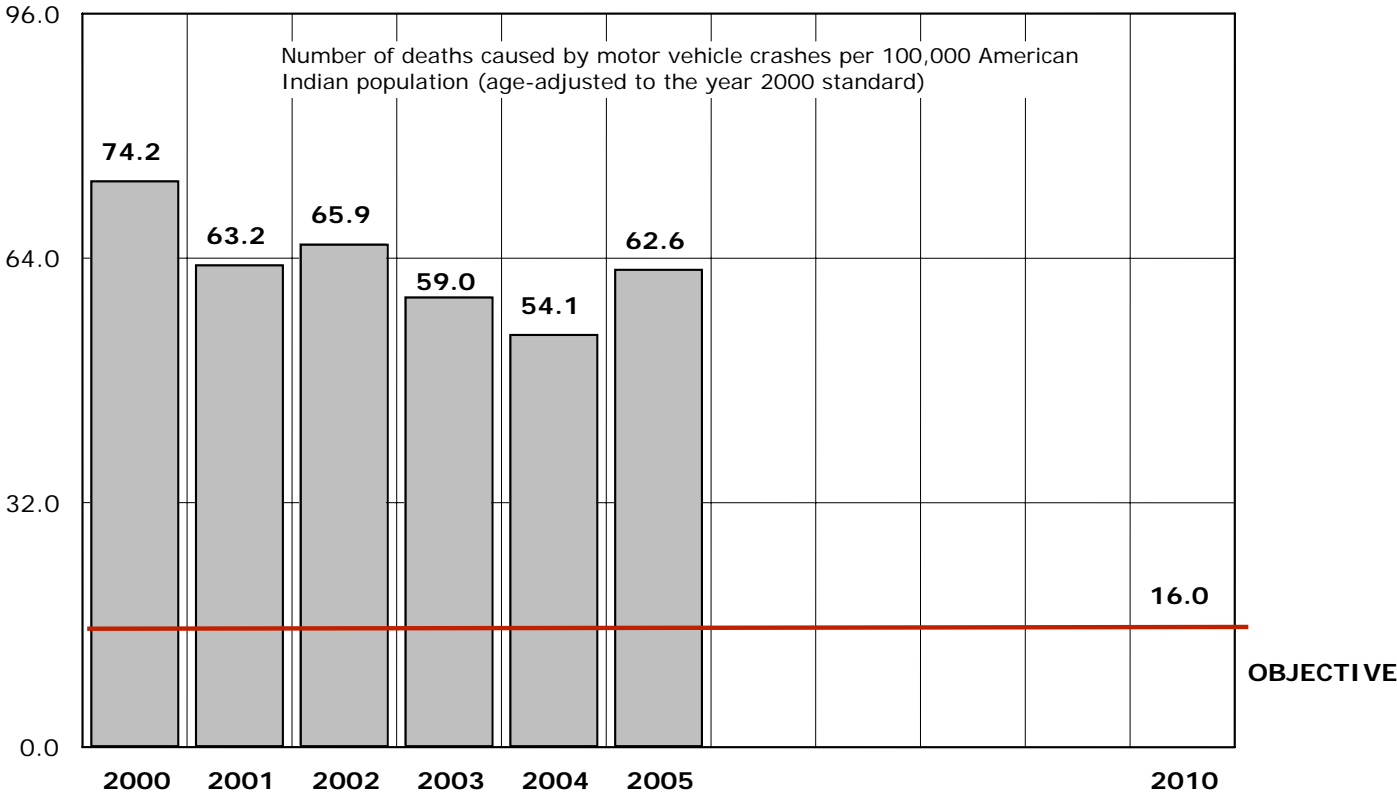
National Year 2010 Objective (HP15-13): Reduce deaths caused by unintentional injuries to no more than 17.5 per 100,000 age-adjusted population.



Source: Table 2B-3 in *Arizona Health Status and Vital Statistics 2005*.

2.5 Motor Vehicle Crash Deaths

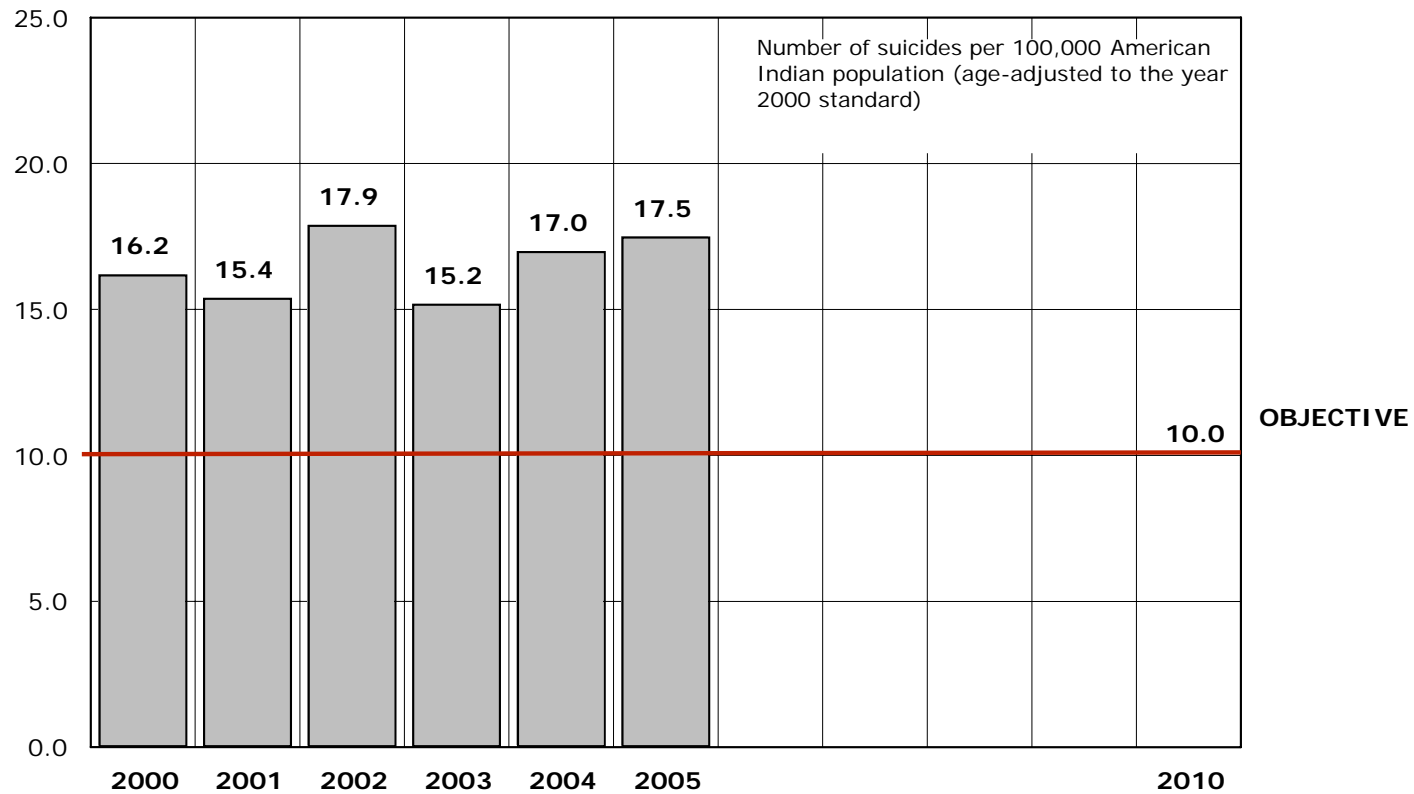
National Year 2010 Objective (HP15-15): Reduce deaths caused by motor vehicle crashes to no more than 16 per 100,000 age-adjusted population.



Source: Table 2B-3 in *Arizona Health Status and Vital Statistics 2005*.

2.6 Intentional Self-Harm (Suicide)

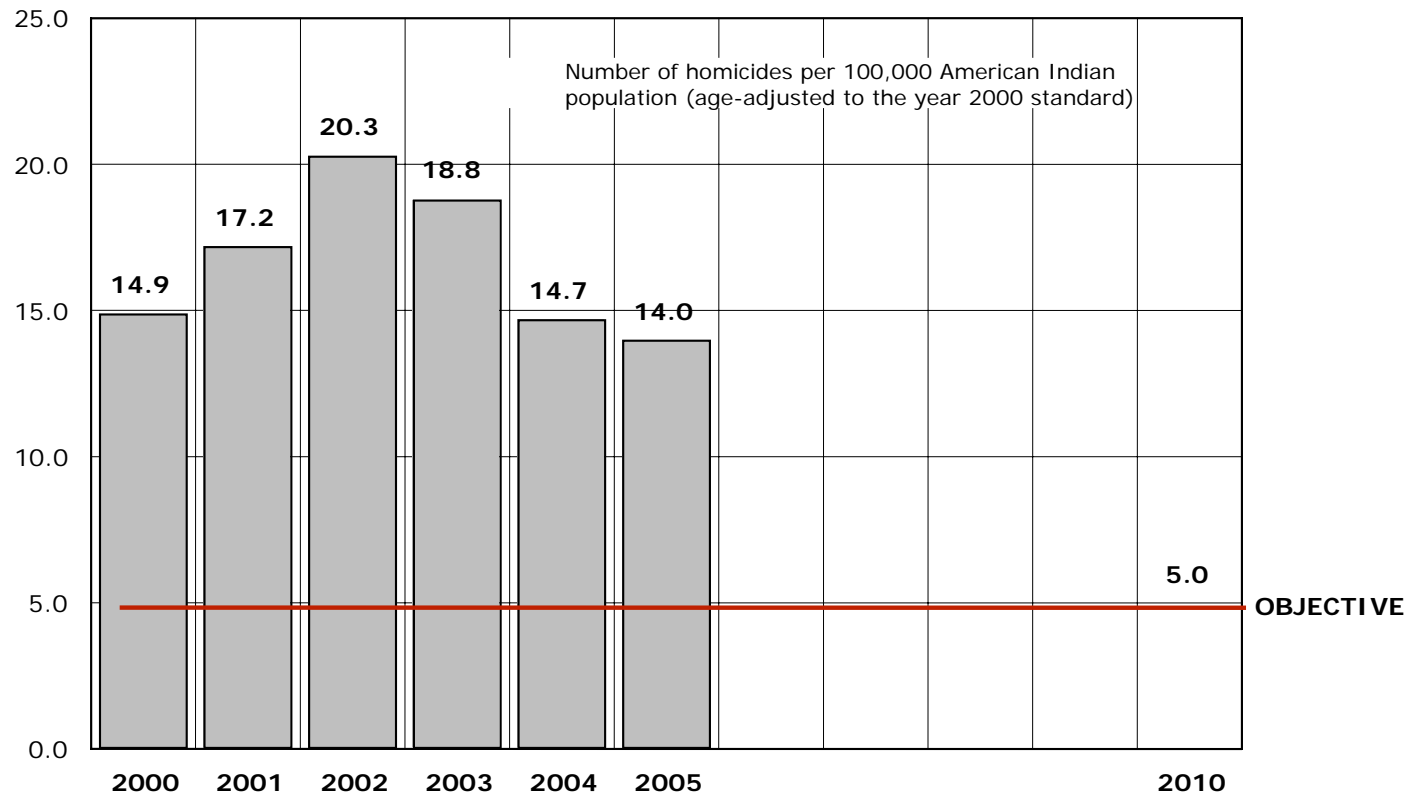
National Year 2010 Objective (HP18-1): Reduce the suicide rate to no more than 10 per 100,000 age-adjusted population.



Source: Table 2B-3 in *Arizona Health Status and Vital Statistics 2005*.

2.7 Assault (Homicide)

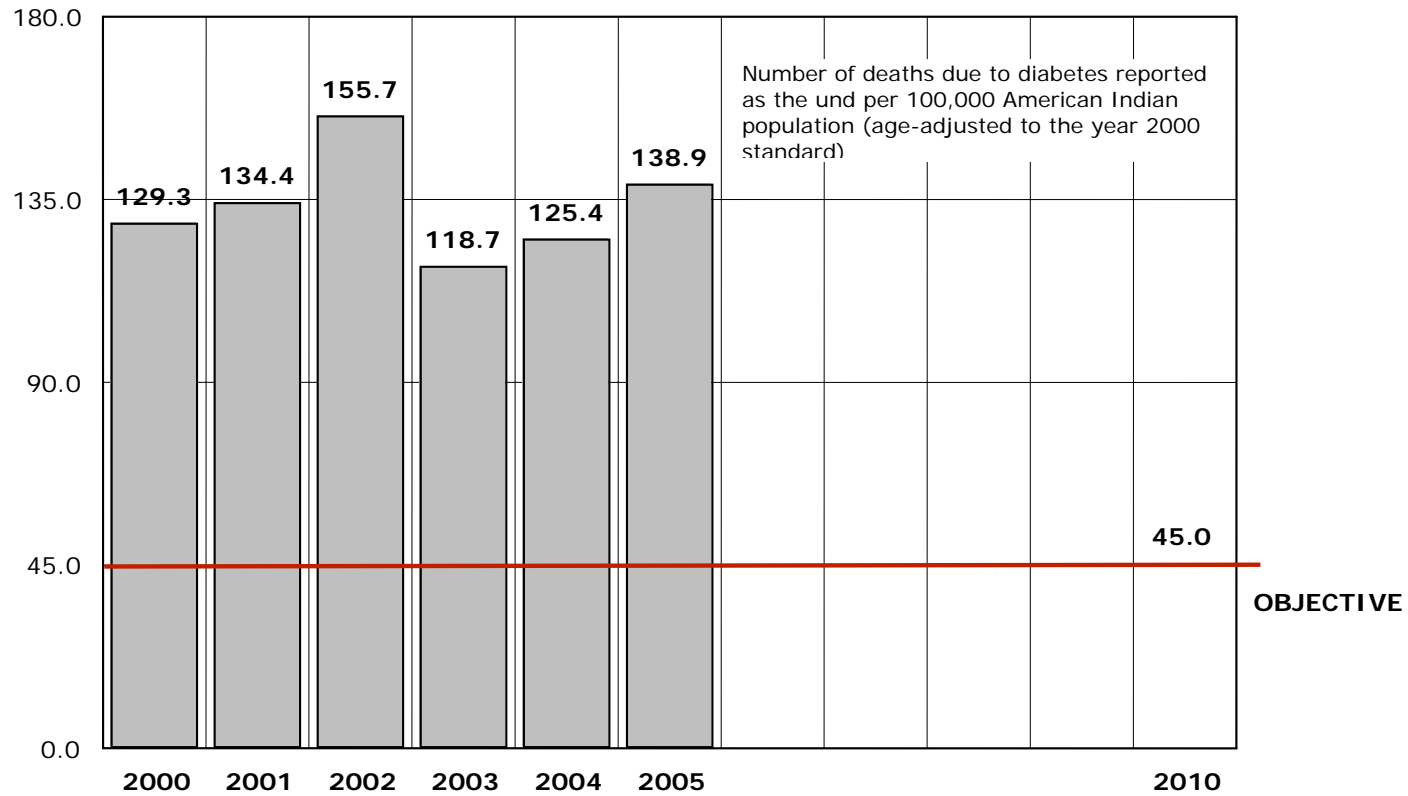
National Year 2010 Objective (HP15-32): Reduce the homicide rate to no more than 5 per 100,000 age-adjusted population.



Source: Table 2B-3 in *Arizona Health Status and Vital Statistics 2005*.

2.8 Diabetes-related Deaths

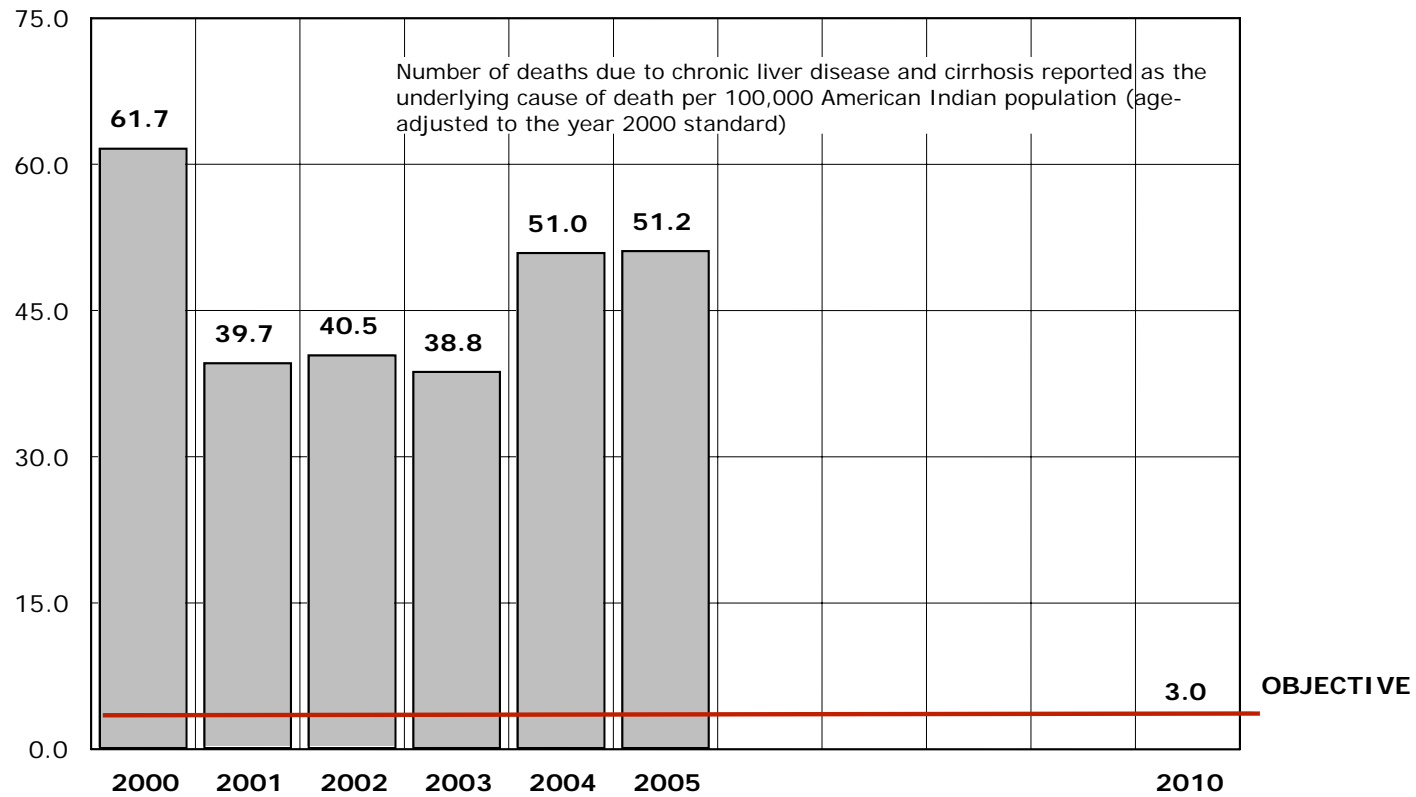
National Year 2010 Objective (HP5-5): Reduce the diabetes-related death rate to no more than 45 per 100,000 age-adjusted population.



Note: The age-adjusted rate for diabetes as the **underlying cause of death** among American Indians was 69.9/100,000 in 2005. The rate of 138.9/100,000 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.

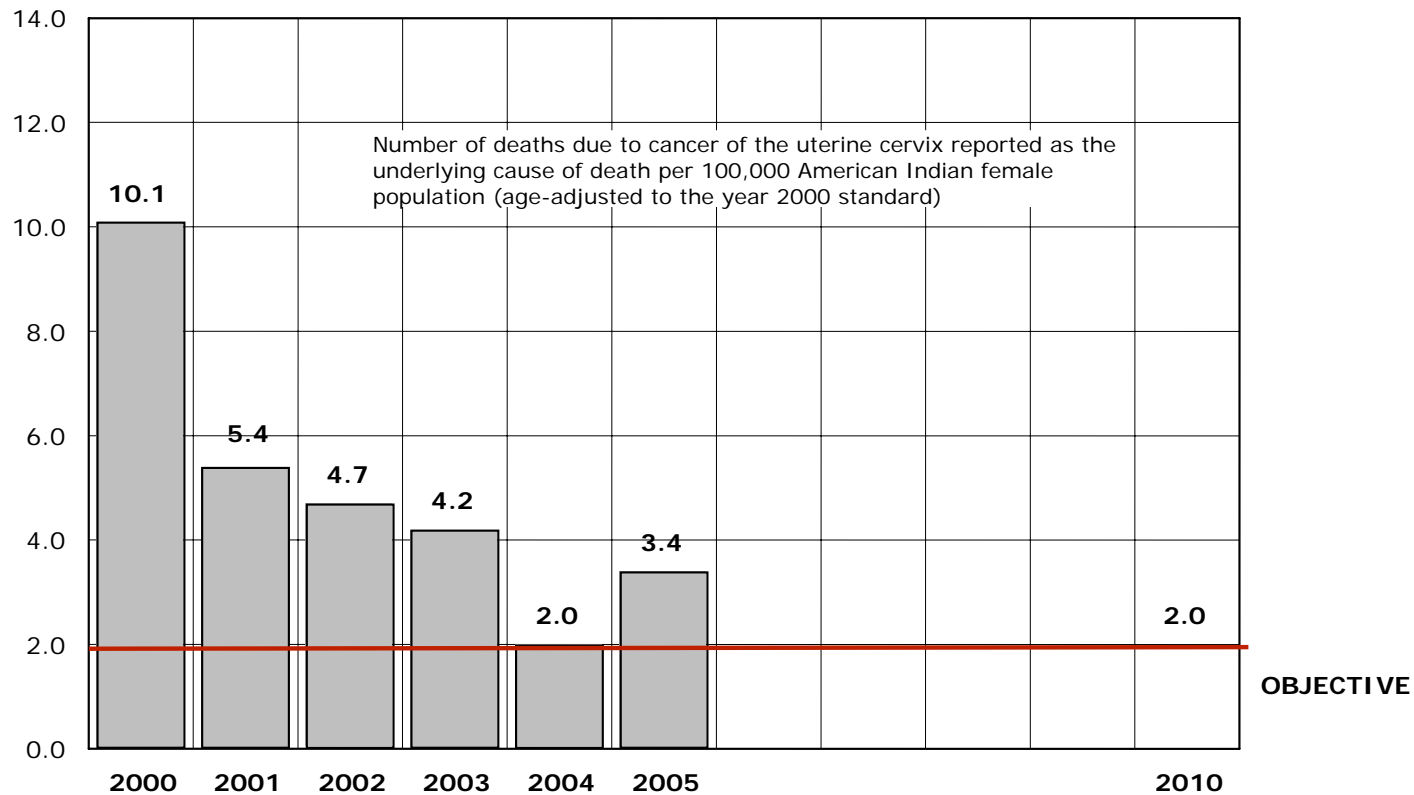


Source: Table 2B-3 in *Arizona Health Status and Vital Statistics 2005*.

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

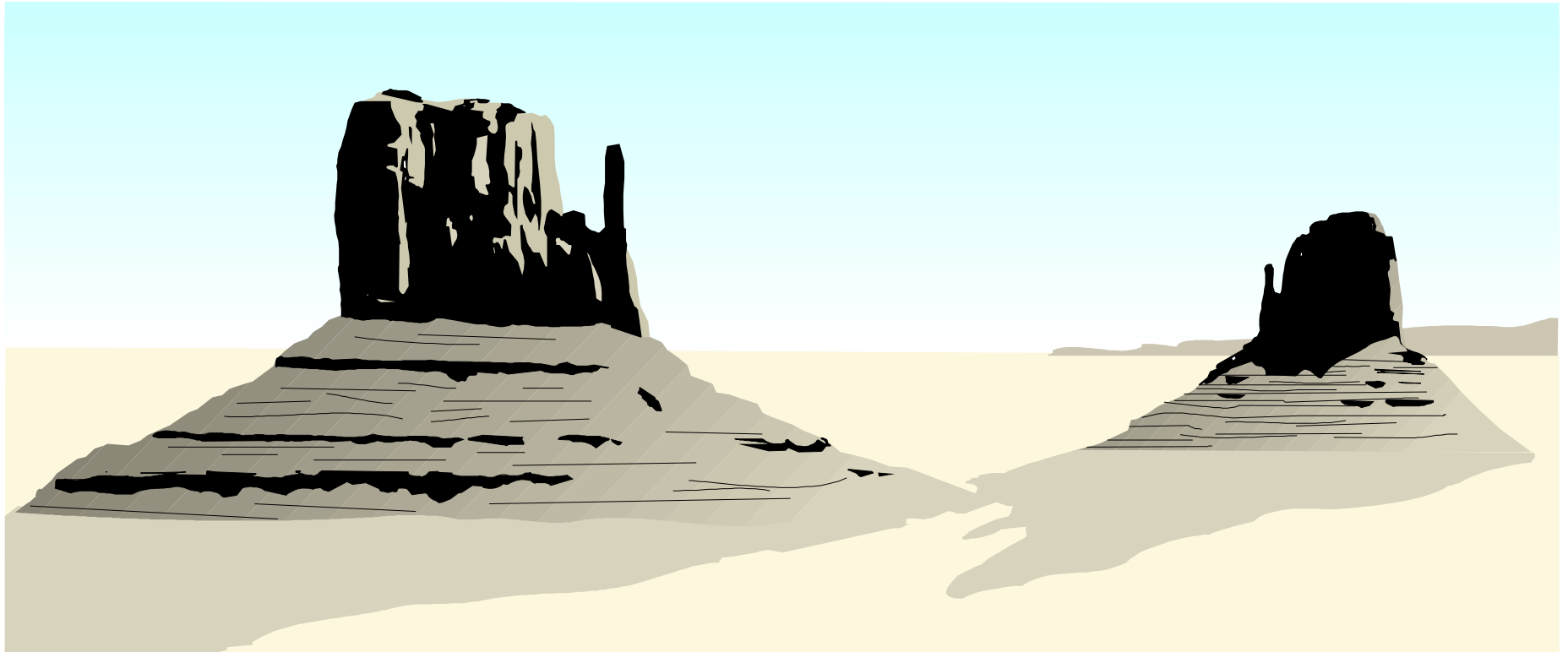
2.10 Cervical Cancer Deaths

National Year 2010 Objective (HP3-4): Reduce the cervical cancer death rate to no more than 2 per 100,000 age-adjusted female population.



Source: Table 2B-4 in *Arizona Health Status and Vital Statistics 2005*.

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

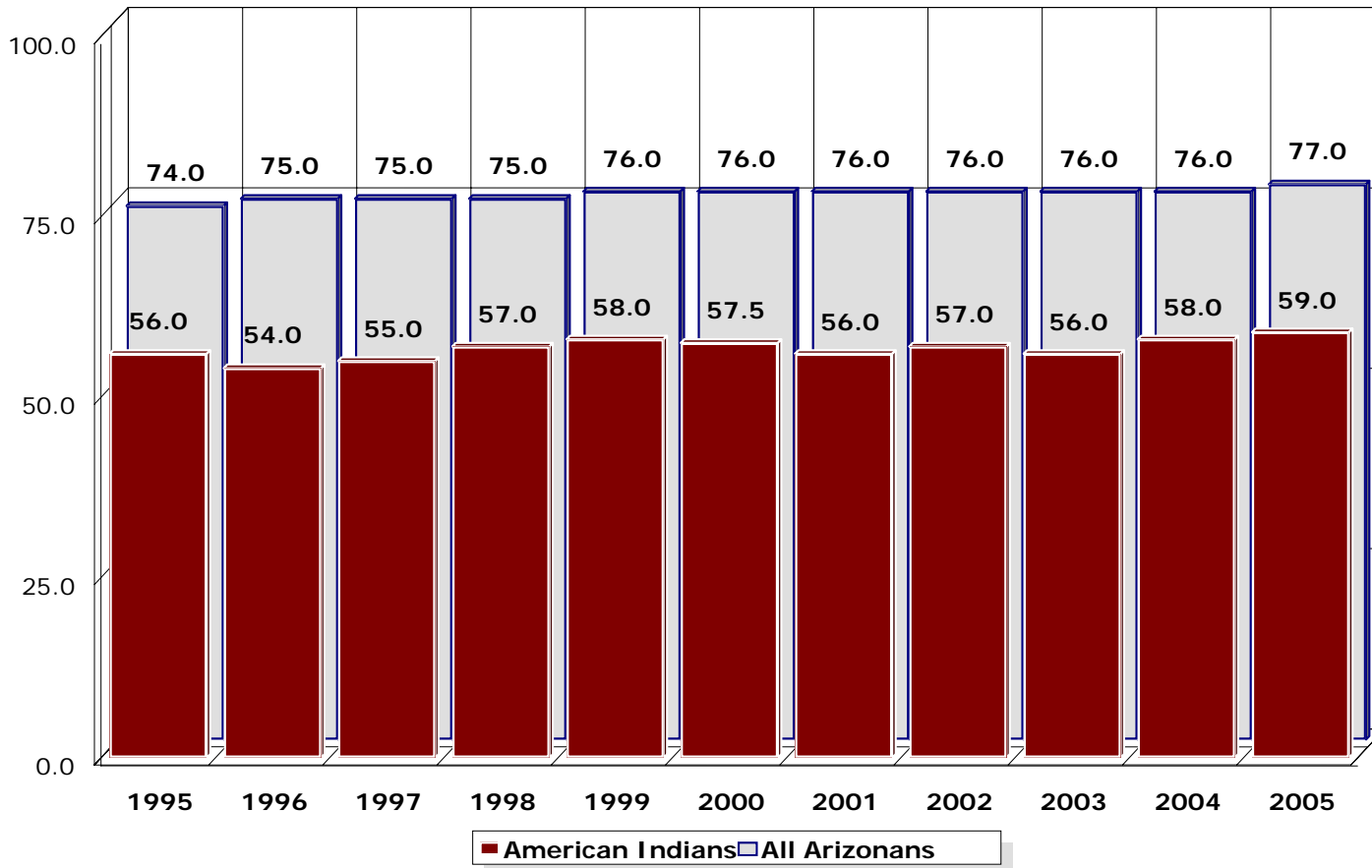


III.

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

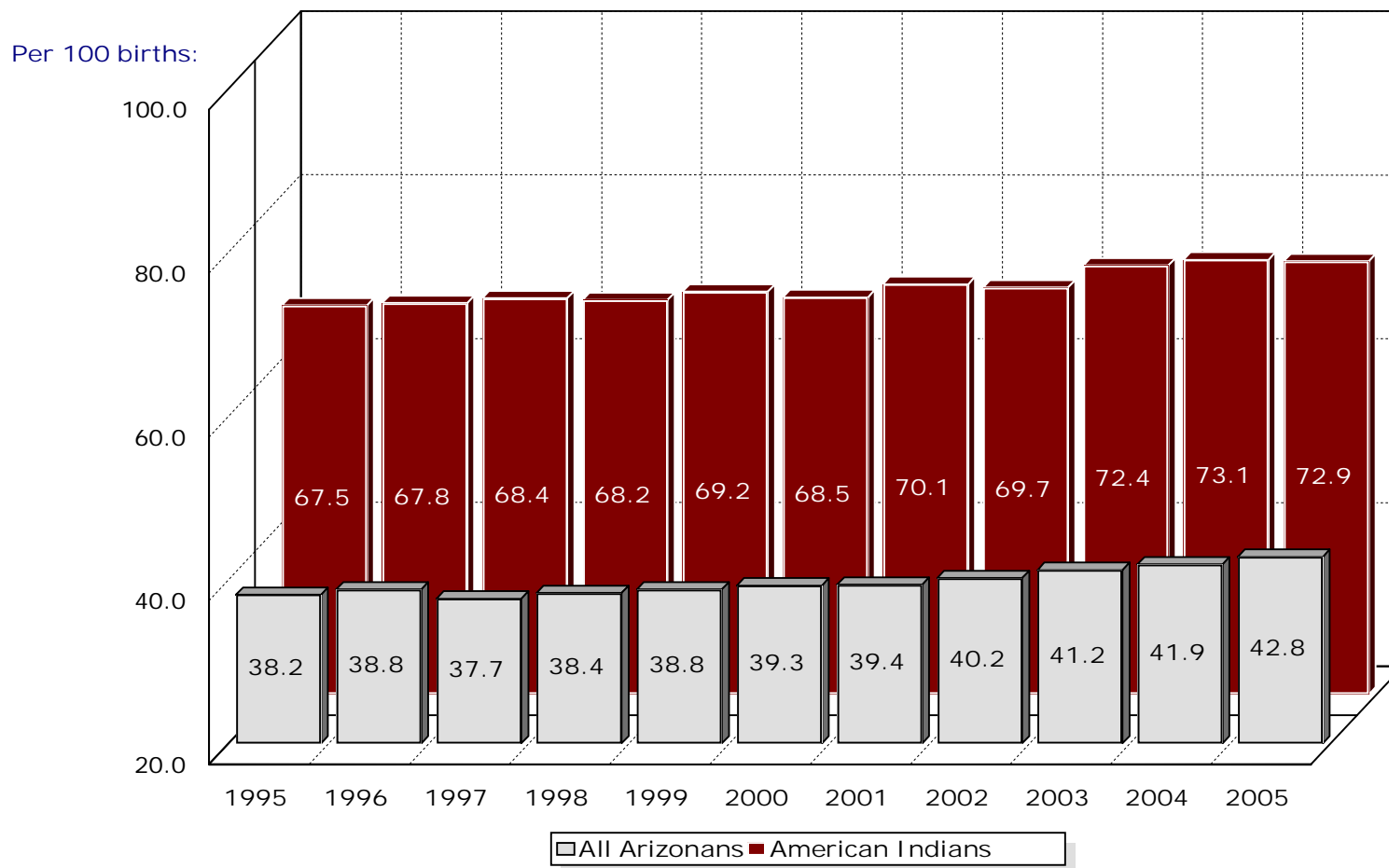
3.1 Median Age at Death from All Causes 1995-2005

Median age at death:



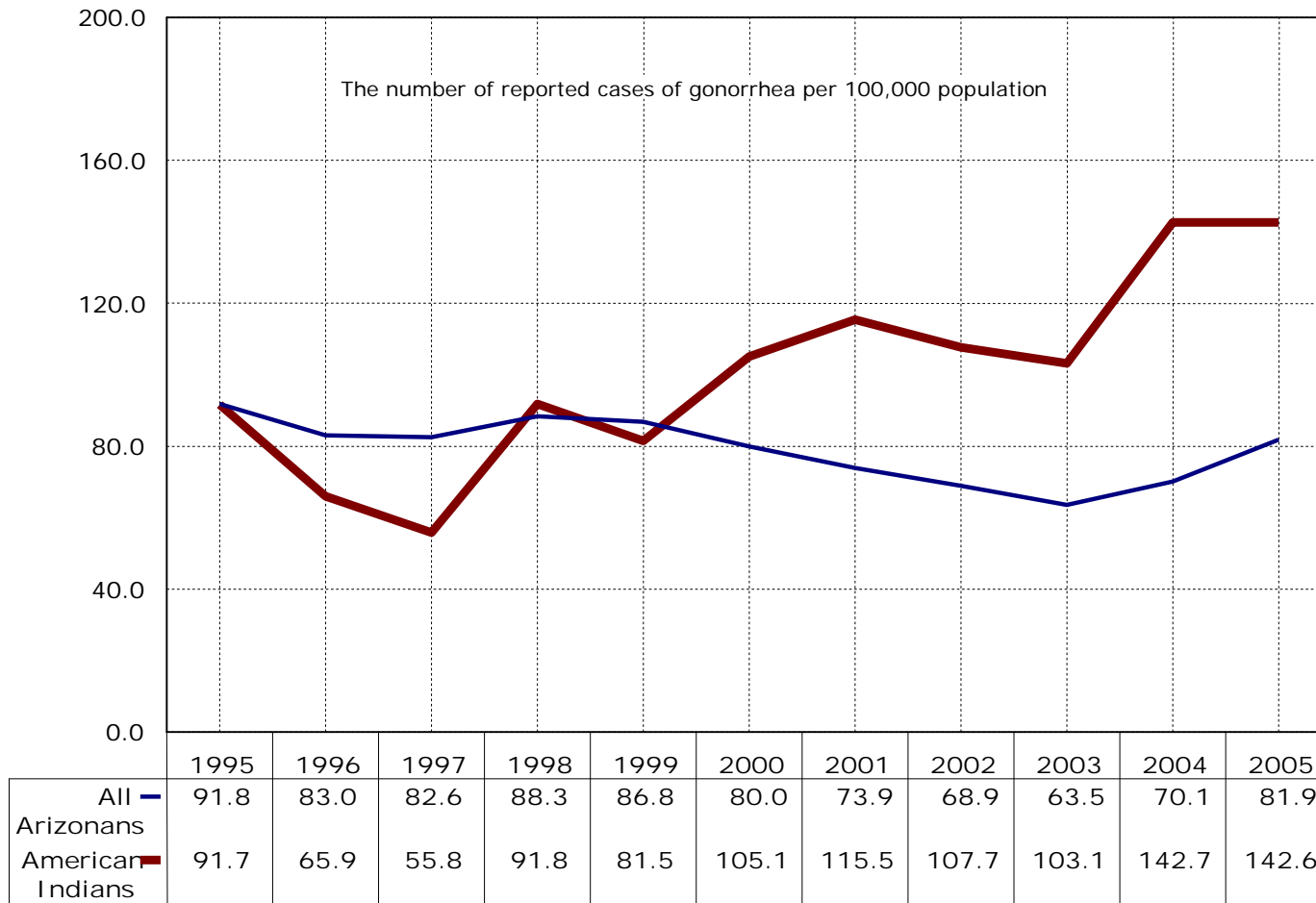
Source: Table 2D-1 in *Arizona Health Status and Vital Statistics 2005*.

3.2 Births to Unmarried Mothers, 1995-2005



Source: Table 1B-2 and Table 1B-13 in *Arizona Health Status and Vital Statistics 2005*.

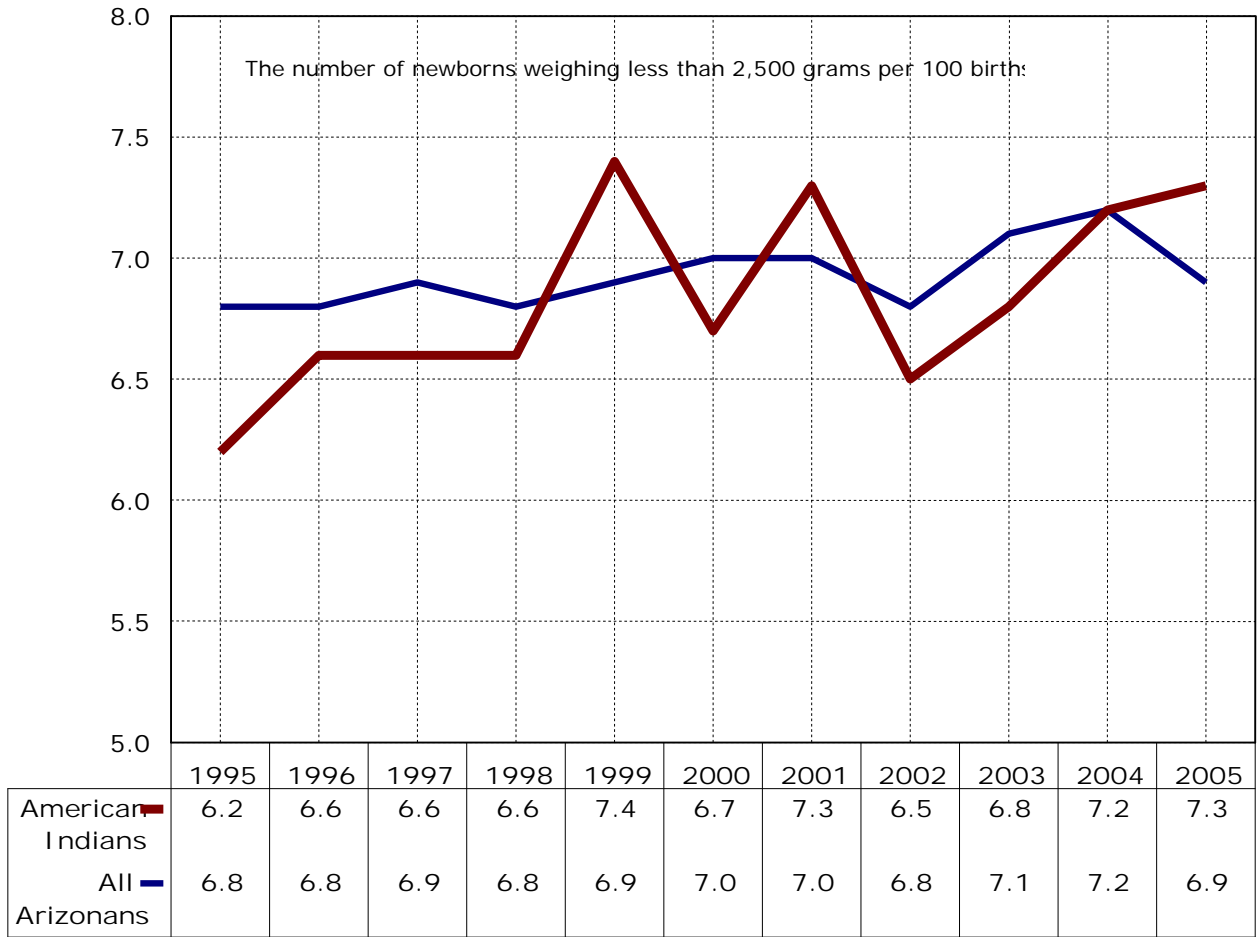
3.3 The Incidence of Gonorrhea, 1995-2005



Source: Table 3B-5 in *Arizona Health Status and Vital Statistics 2005*.
The rates were provided by the STD Program in the Bureau of Epidemiology and Disease Control, ADHS.

3.4 The Incidence of Low-Birthweight Births, 1995-2005

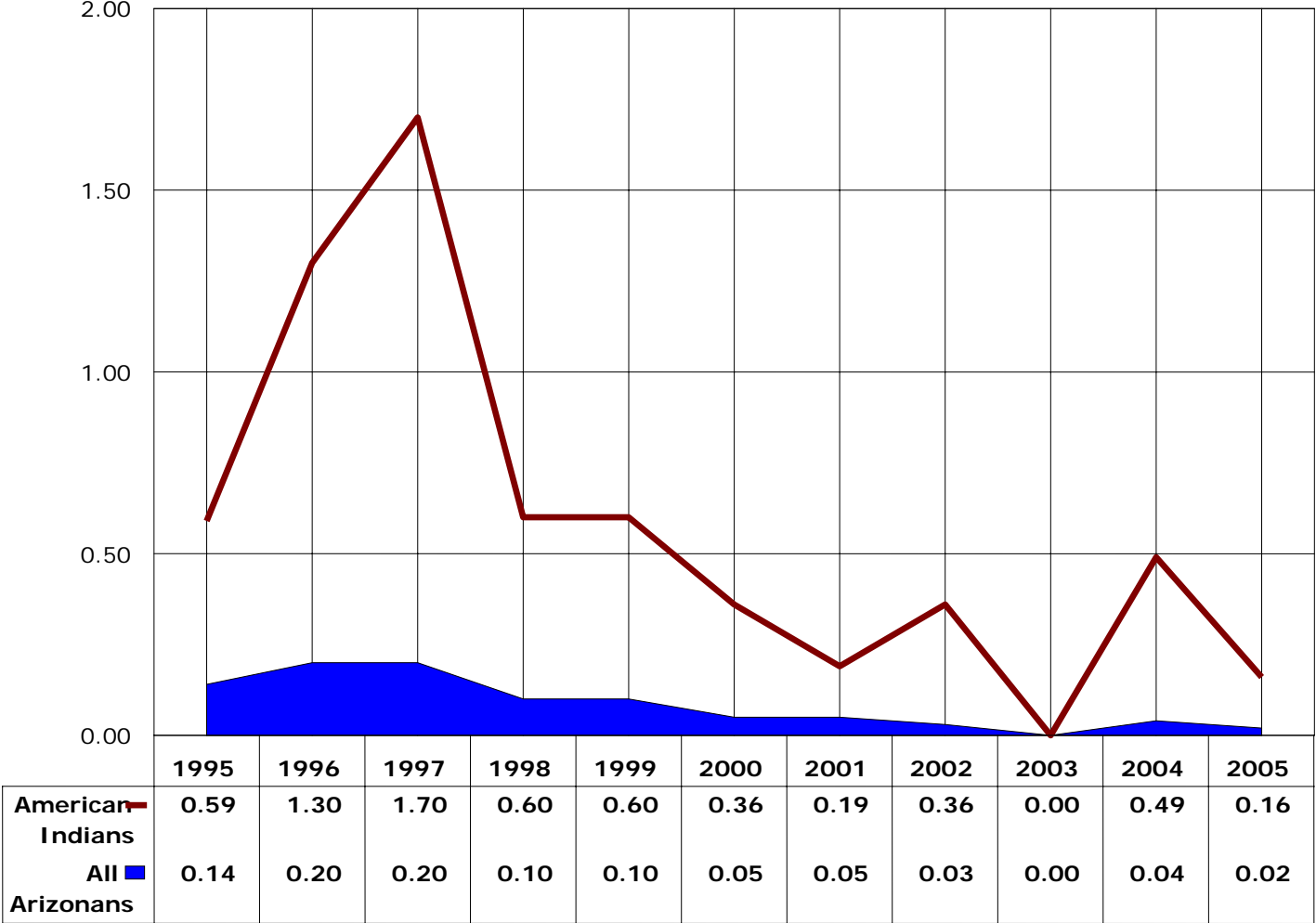
Per 100 births:



Source: Table 1B-2 and Table 1B-12 in *Arizona Health Status and Vital Statistics 2005*.

3.5 The Incidence of Fetal Alcohol Syndrome, 1995-2005

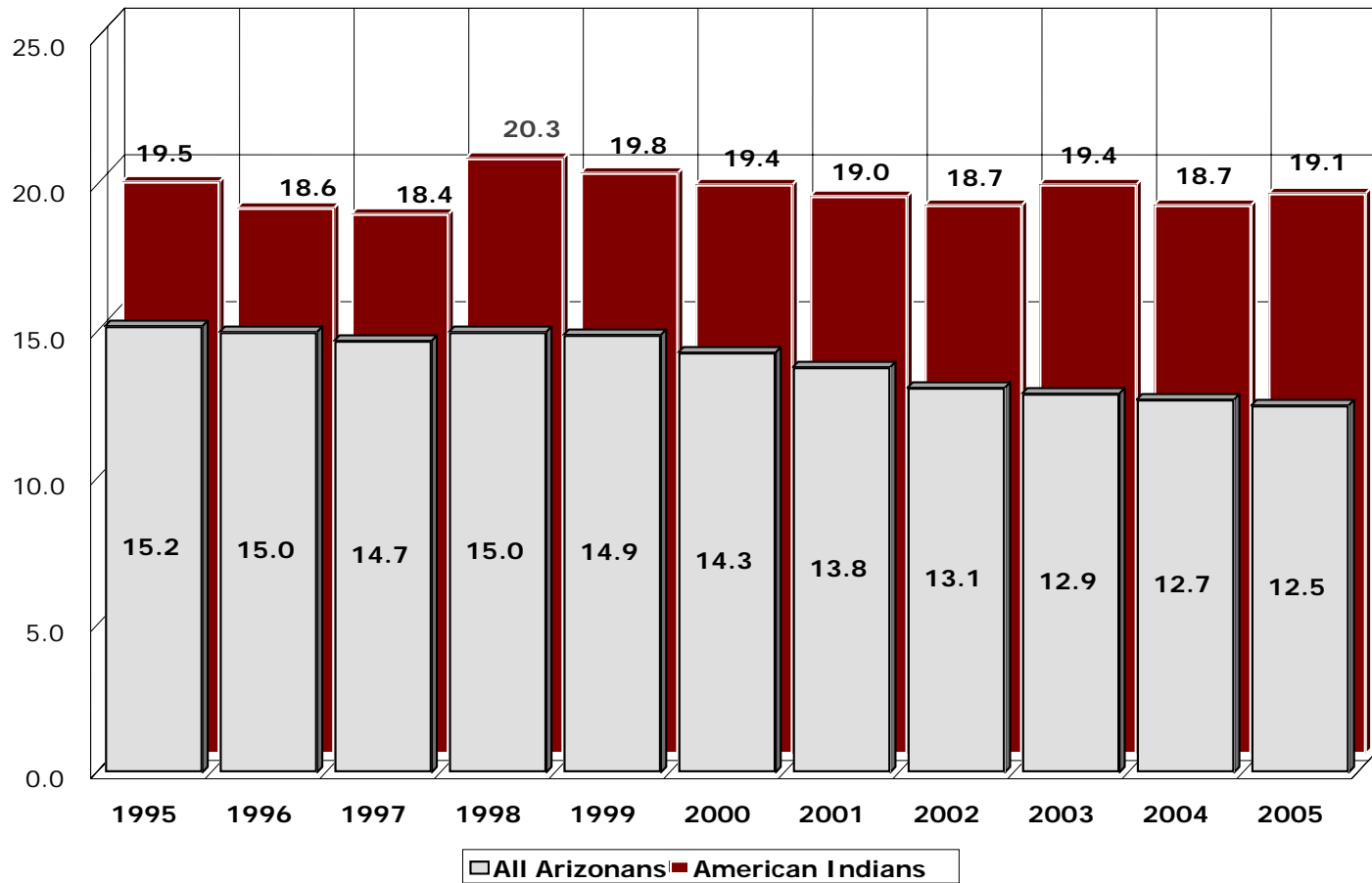
Per 1,000 live births:



Source: Table 1B-26 in *Arizona Health Status and Vital Statistics 2005*.

3.6 Births to Teenage Mothers*, 1995-2005

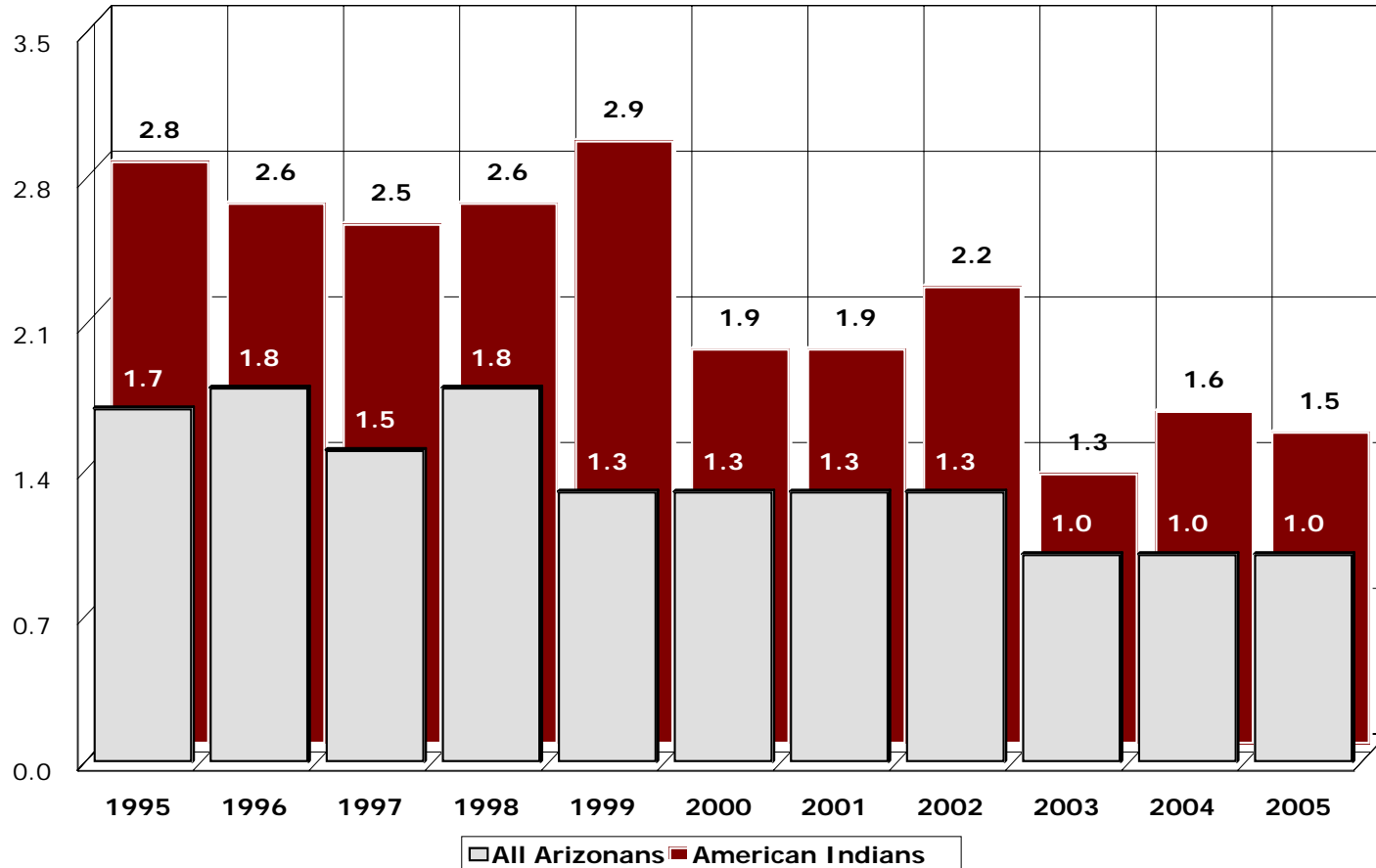
Per 100 live births:



Source: Table 1B-2 and Table 1B-14 in *Arizona Health Status and Vital Statistics 2005*.
*19 or younger.

3.7 The Incidence of Birth Defects (Congenital Anomalies), 1995-2005

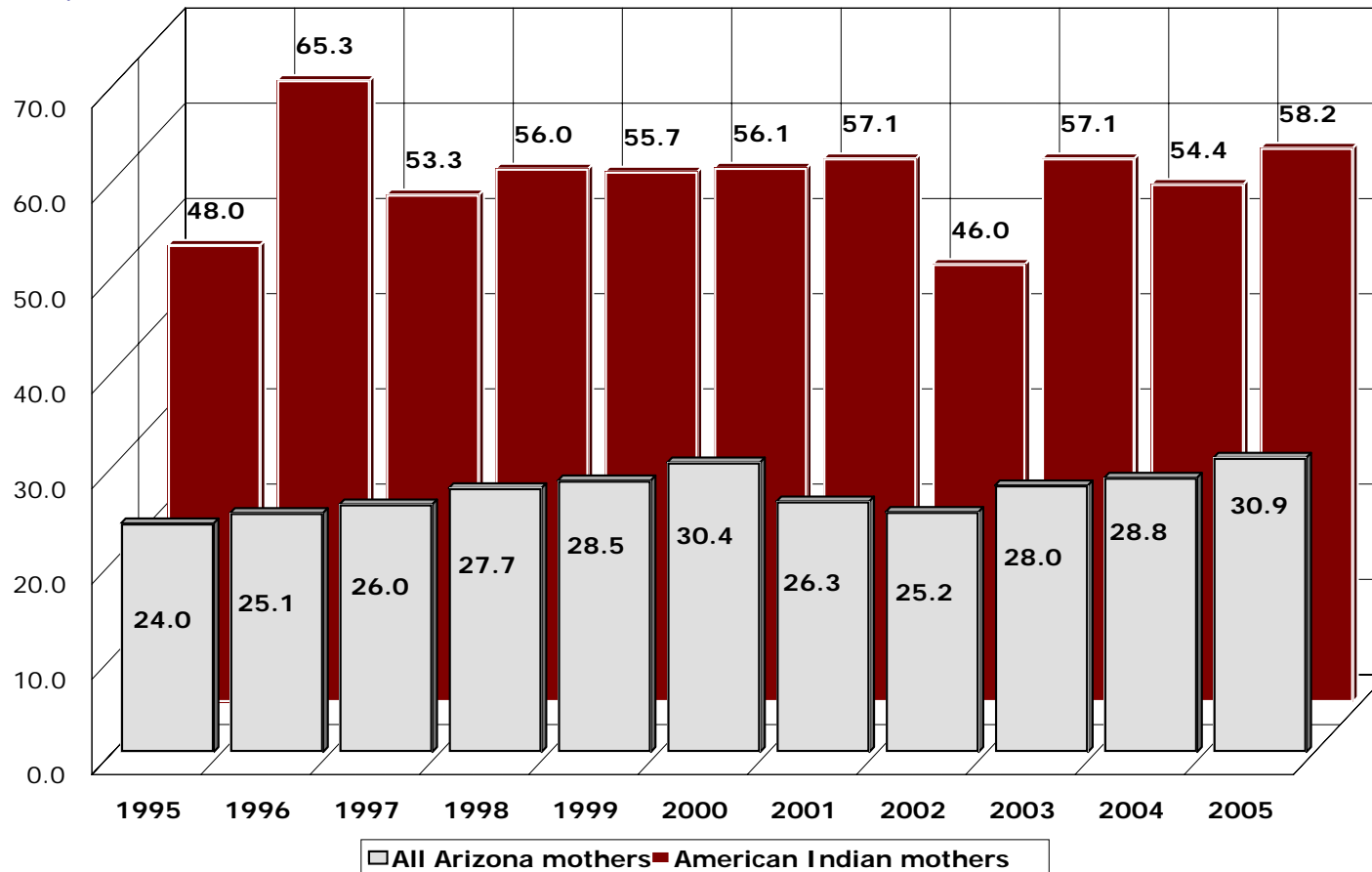
Per 100 births:



Source: Table 1B-35 in *Arizona Health Status and Vital Statistics 2005*.

3.8 The Incidence of Pregnancy Associated Hypertension, 1995-2005

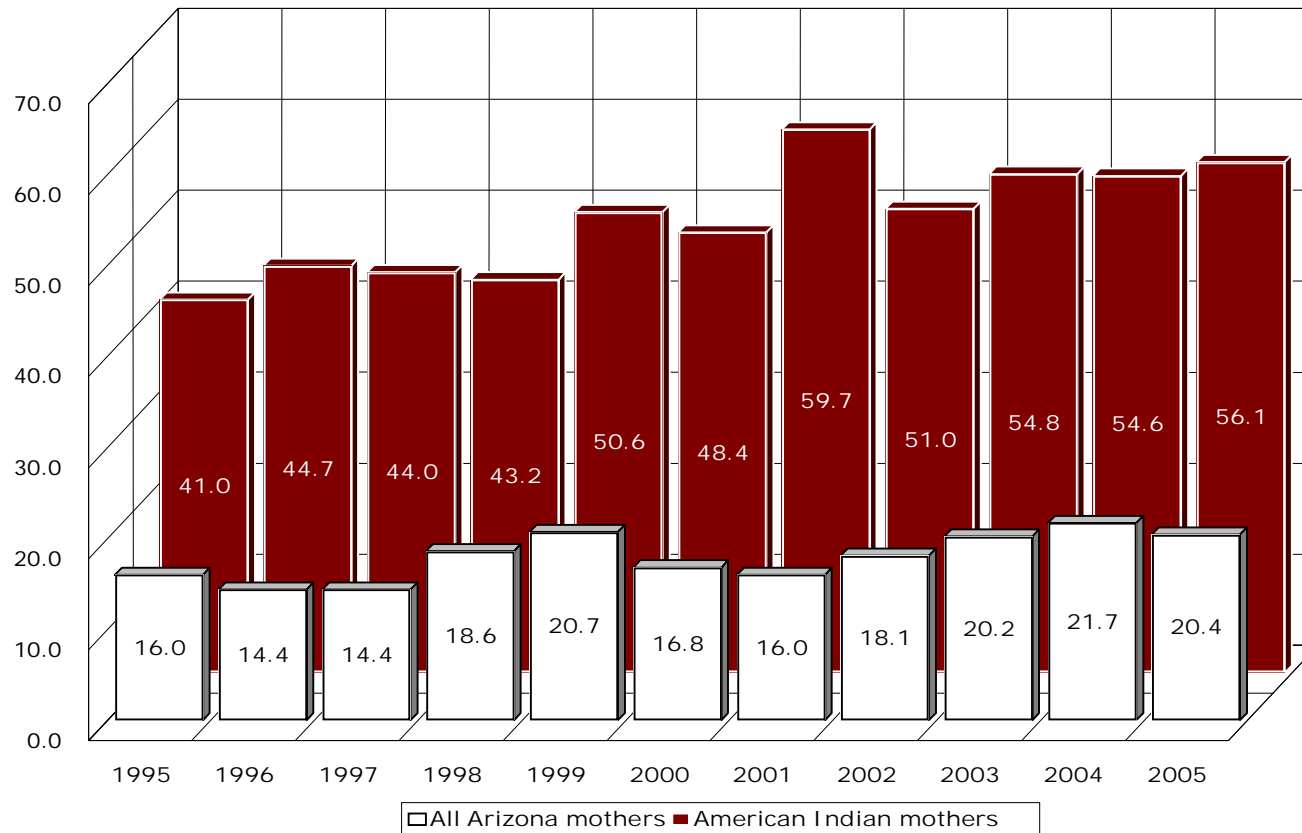
Per 1,000 births:



Source: Table 1B-26 in *Arizona Health Status and Vital Statistics 2005*.

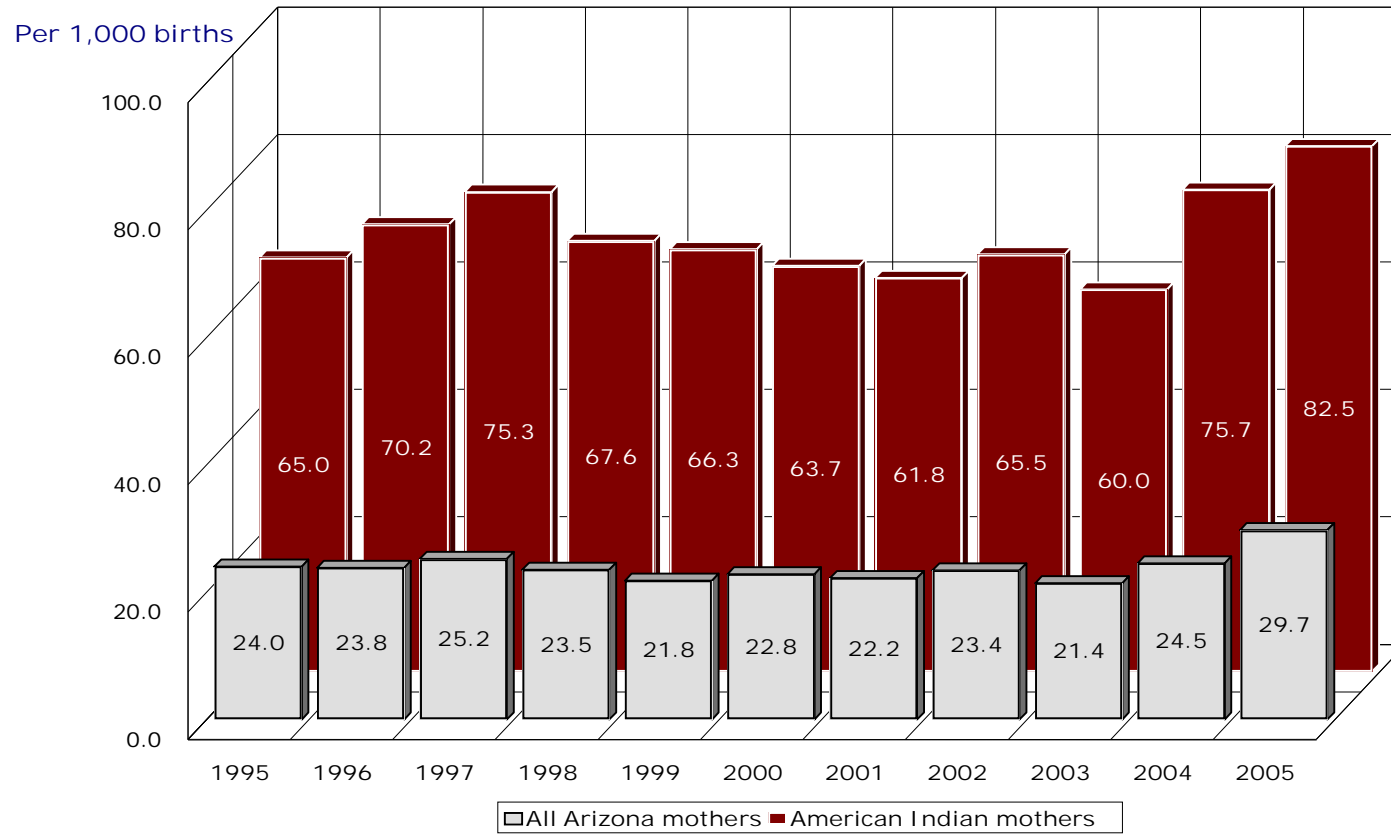
3.9 The Incidence of Anemia during Pregnancy, 1995-2005

Per 1,000 births

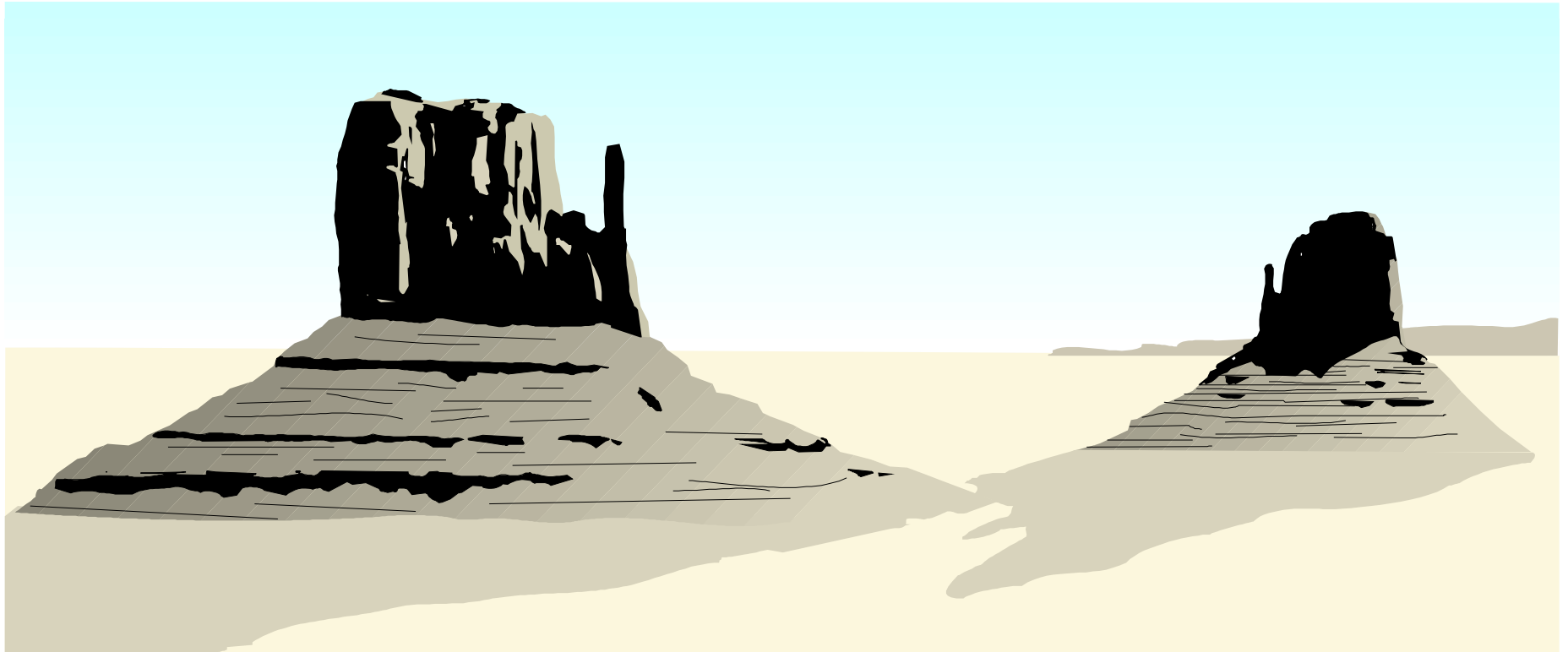


Source: Table 1B-26 in Arizona Health Status and Vital Statistics 2005.

3.10 The Incidence of Diabetes during Pregnancy, 1995-2005

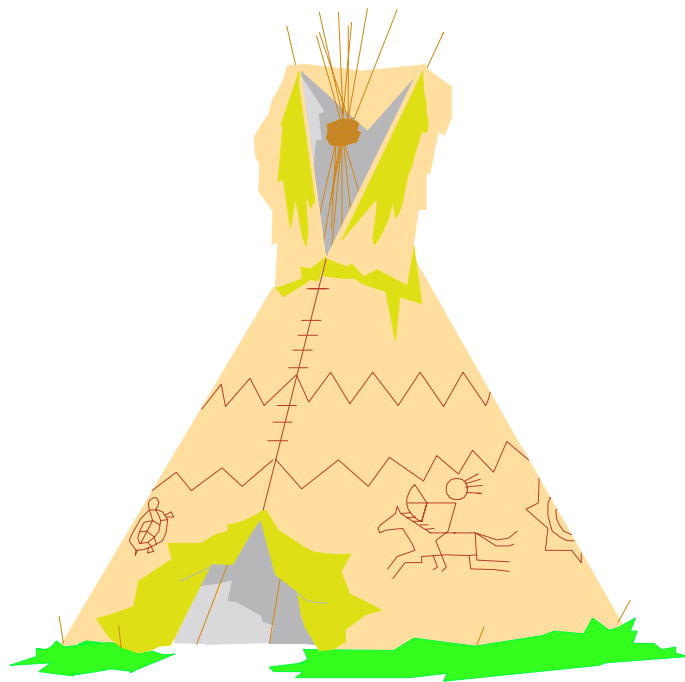


Source: Table 1B-26 in Arizona Health Status and Vital Statistics 2005.



IV.

CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND MOTHERS GIVING BIRTH BY PLACE OF RESIDENCE IN ARIZONA IN 2005



SOCIODEMOGRAPHIC CHARACTERISTICS

**4.1
MATERNAL AGE (2005 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		6,293	21	478	705	1,990	1,499	1,004	459	133	4
Resided on reservation	Ak-Chin Indian Community	7	0	0	3	3	1	0	0	0	0
	Cocopah Tribe	14	0	1	1	7	2	2	1	0	0
	Colorado River Indian Tribes	55	0	7	9	17	8	9	4	1	0
	Fort McDowell Yavapai Nation	17	0	1	4	6	5	1	0	0	0
	Fort Mojave Indian Tribe	10	0	1	2	2	3	2	0	0	0
	Fort Yuma Quechan Tribe	8	0	1	1	0	3	1	1	1	0
	Gila River Indian Community	210	2	25	21	81	39	28	13	1	0
	Havasupai Tribe	9	0	1	1	2	1	2	1	1	0
	Hopi Tribe	160	0	13	22	40	42	24	13	6	0
	Hualapai Nation	37	0	1	4	13	12	5	2	0	0
	Navajo Nation	1,921	2	125	192	552	458	354	171	66	1
	Pascua Yaqui Tribe	216	1	32	19	74	60	14	14	2	0
	Salt River Pima-Maricopa Community	87	1	11	17	21	21	7	8	0	1
	San Carlos Apache Tribe	254	3	28	31	95	55	32	9	0	1
	Tohono O'Odham Tribe	288	1	25	29	89	70	45	25	4	0
	White Mountain Apache	308	0	39	44	103	53	40	20	9	0
	Yavapai-Apache Nation	18	0	3	2	5	5	3	0	0	0
Yavapai-Prescott Indian Tribe	3	0	0	1	0	1	1	0	0	0	
	TOTAL	3,622	10	314	403	1,110	839	570	282	91	3
Resided off reservation	---in Maricopa County	1,656	6	97	188	544	427	265	114	15	0
	---in Pima County	127	0	6	18	33	30	32	6	2	0
	---in Coconino County	328	1	19	26	118	80	54	21	9	0
	---elsewhere in Arizona	560	4	42	70	185	123	83	36	16	1
		TOTAL	2,671	11	164	302	880	660	434	177	42

4.2
EDUCATIONAL ATTAINMENT OF MOTHER (2005 STATUS)

		TOTAL BIRTHS	Mother's education						
			< 8	8	9-11	12	13-16	17+	Un-known
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,293	52	168	1,778	2,305	1,790	153	47
Resided on reservation	Ak-Chin Indian Community	7	0	0	6	1	0	0	0
	Cocopah Tribe	14	0	0	6	8	0	0	0
	Colorado River Indian Tribes	55	0	3	19	18	8	2	5
	Fort McDowell Yavapai Nation	17	0	0	5	11	1	0	0
	Fort Mojave Indian Tribe	10	0	0	4	5	1	0	0
	Fort Yuma Quechan Tribe	8	0	2	0	4	1	1	0
	Gila River Indian Community	210	6	20	86	57	40	1	0
	Havasupai Tribe	9	0	1	5	3	0	0	0
	Hopi Tribe	160	3	2	39	66	48	2	0
	Hualapai Nation	37	0	0	14	18	4	1	0
	Navajo Nation	1,921	9	27	445	788	586	54	12
	Pascua Yaqui Tribe	216	1	12	93	68	39	2	1
	Salt River Pima-Maricopa Community	87	1	3	46	20	12	1	4
	San Carlos Apache Tribe	254	5	7	93	101	47	1	0
	Tohono O'Odham Tribe	288	1	8	116	110	52	1	0
	White Mountain Apache	308	2	6	128	115	54	3	0
	Yavapai-Apache Nation	18	0	0	7	8	2	0	1
Yavapai-Prescott Indian Tribe	3	0	0	0	3	0	0	0	
TOTAL	3,622	28	91	1,112	1,404	895	69	23	
Resided off reservation	---in Maricopa County	1,656	15	51	420	514	591	52	13
	---in Pima County	127	2	2	17	46	43	15	2
	---in Coconino County	328	1	2	60	111	137	12	5
	---elsewhere in Arizona	560	6	22	169	230	124	5	4
	TOTAL	2,671	24	77	666	901	895	84	24

4.3
MARITAL STATUS OF MOTHER (2005 STATUS)

		TOTAL BIRTHS	Marital status		
			Married	Unmarried	Other
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,293	1,586	4,585	122
Resided on reservation	Ak-Chin Indian Community	7	2	5	0
	Cocopah Tribe	14	1	13	0
	Colorado River Indian Tribes	55	13	42	0
	Fort McDowell Yavapai Nation	17	4	13	0
	Fort Mojave Indian Tribe	10	2	5	3
	Fort Yuma Quechan Tribe	8	2	6	0
	Gila River Indian Community	210	39	168	3
	Havasupai Tribe	9	1	8	0
	Hopi Tribe	160	26	133	1
	Hualapai Nation	37	6	31	0
	Navajo Nation	1,921	462	1,413	46
	Pascua Yaqui Tribe	216	41	173	2
	Salt River Pima-Maricopa Community	87	15	66	6
	San Carlos Apache Tribe	254	60	192	2
	Tohono O'Odham Tribe	288	37	247	4
	White Mountain Apache	308	72	230	6
	Yavapai-Apache Nation	18	2	16	0
	Yavapai-Prescott Indian Tribe	3	0	3	0
	TOTAL	3,622	785	2,764	73
Resided off reservation	---in Maricopa County	1,656	475	1,155	26
	---in Pima County	127	53	70	4
	---in Coconino County	328	120	207	1
	---elsewhere in Arizona	560	6,293	1,586	4,585
	TOTAL	2,671	7	2	5

4.4
RACE/ETHNICITY OF FATHER (2005 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		6,293	286	534	97	3,431	34	1,911
Resided on reservation	Ak-Chin Indian Community	7	1	0	0	4	0	2
	Cocopah Tribe	14	0	1	0	3	0	10
	Colorado River Indian Tribes	55	6	4	0	18	1	26
	Fort McDowell Yavapai Nation	17	3	4	0	9	0	1
	Fort Mojave Indian Tribe	10	1	1	0	5	0	3
	Fort Yuma Quechan Tribe	8	0	5	0	2	0	1
	Gila River Indian Community	210	1	21	1	113	0	74
	Havasupai Tribe	9	0	0	0	5	0	4
	Hopi Tribe	160	6	4	1	118	0	31
	Hualapai Nation	37	1	0	0	19	0	17
	Navajo Nation	1,921	17	9	5	1,380	3	507
	Pascua Yaqui Tribe	216	3	49	5	69	0	90
	Salt River Pima-Maricopa Community	87	1	10	0	45	0	31
	San Carlos Apache Tribe	254	1	6	1	158	2	86
	Tohono O'Odham Tribe	288	4	18	6	142	0	118
	White Mountain Apache	308	3	4	1	216	0	84
	Yavapai-Apache Nation	18	2	2	0	6	0	8
	Yavapai-Prescott Indian Tribe	3	1	1	0	0	0	1
	TOTAL	3,622	51	139	20	2,312	6	1,094
Resided off reservation	---in Maricopa County	1,656	129	293	61	605	23	545
	---in Pima County	127	24	26	5	38	1	33
	---in Coconino County	328	17	16	5	229	1	60
	---elsewhere in Arizona	560	65	60	6	247	3	179
		TOTAL	2,671	235	395	77	1,119	28

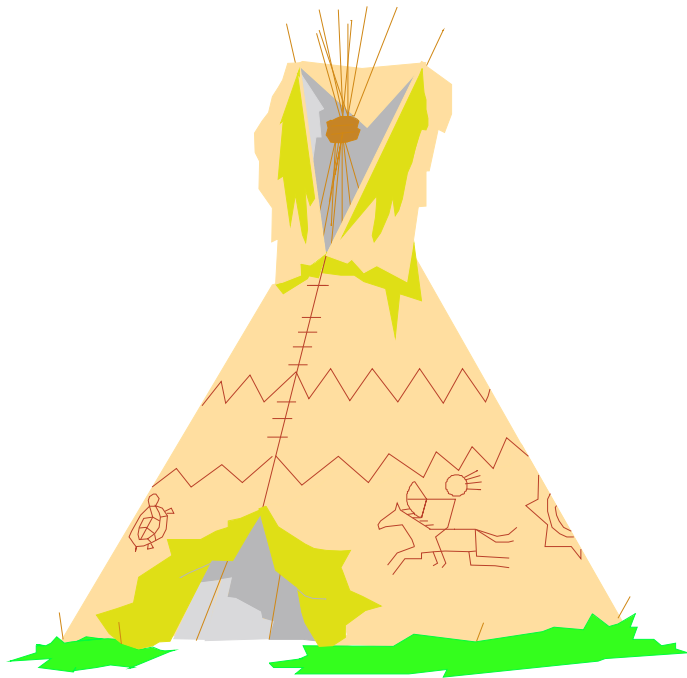
4.5
AGE OF FATHER (2005 STATUS)

		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		6,293	4	123	343	1,254	1,109	919	448	231	76	18	11	1,757
Resided on reservation	Ak-Chin Indian Community	7	0	1	1	2	0	0	0	0	1	0	0	2
	Cocopah Tribe	14	0	0	0	1	0	2	1	0	0	0	0	10
	Colorado River Indian Tribes	55	0	0	4	9	8	4	1	4	1	0	0	24
	Fort McDowell Yavapai Nation	17	0	0	3	7	3	2	1	0	0	0	0	1
	Fort Mojave Indian Tribe	10	0	0	1	4	0	1	1	0	0	0	0	3
	Fort Yuma Quechan Tribe	8	0	0	1	1	1	3	0	1	0	0	0	1
	Gila River Indian Community	210	0	7	14	47	27	23	11	4	2	0	1	74
	Havasupai Tribe	9	0	0	1	1	1	0	1	0	0	1	0	4
	Hopi Tribe	160	0	1	14	33	30	19	20	11	1	1	0	30
	Hualapai Nation	37	0	0	3	4	2	4	4	3	1	0	0	16
	Navajo Nation	1,921	1	33	83	367	345	300	172	102	30	8	6	474
	Pascua Yaqui Tribe	216	0	4	12	40	34	19	10	6	1	0	0	90
	Salt River Pima-Maricopa Community	87	0	3	10	16	13	5	6	3	0	1	0	30
	San Carlos Apache Tribe	254	1	7	18	60	33	26	14	8	2	0	0	85
	Tohono O'Odham Tribe	288	1	6	21	45	35	31	21	4	6	2	0	116
	White Mountain Apache	308	1	15	23	72	49	33	17	7	7	0	1	83
	Yavapai-Apache Nation	18	0	2	1	3	3	0	1	0	0	0	0	8
Yavapai-Prescott Indian Tribe	3	0	0	0	2	1	0	0	0	0	0	0	0	
TOTAL	3,622	4	79	210	714	585	472	281	153	52	13	8	1,051	
Resided off reservation	---in Maricopa County	1,656	0	30	71	323	330	277	104	40	9	1	1	470
	---in Pima County	127	0	0	9	29	22	27	9	5	1	0	1	24
	---in Coconino County	328	0	4	18	69	78	70	21	9	6	1	1	51
	---elsewhere in Arizona	560	0	10	35	119	94	73	33	24	8	3	0	161
	TOTAL	2,671	0	44	133	540	524	447	167	78	24	5	3	706

4.6
SOURCE OF PAYMENT FOR LABOR AND DELIVERY (2005 STATUS)

		TOTAL BIRTHS	Payee for births				
			AHCCCS	IHS	Private insurance	Self	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,293	3,510	1,632	811	82	258
Resided on reservation	Ak-Chin Indian Community	7	7	0	0	0	0
	Cocopah Tribe	14	9	1	1	3	0
	Colorado River Indian Tribes	55	42	1	10	0	2
	Fort McDowell Yavapai Nation	17	2	2	12	1	0
	Fort Mojave Indian Tribe	10	3	0	2	1	4
	Fort Yuma Quechan Tribe	8	2	1	5	0	0
	Gila River Indian Community	210	110	25	71	2	2
	Havasupai Tribe	9	4	5	0	0	0
	Hopi Tribe	160	47	99	3	0	11
	Hualapai Nation	37	27	1	4	5	0
	Navajo Nation	1,921	849	827	51	3	191
	Pascua Yaqui Tribe	216	162	29	20	5	0
	Salt River Pima-Maricopa Community	87	65	6	11	4	1
	San Carlos Apache Tribe	254	71	170	8	3	2
	Tohono O'Odham Tribe	288	187	49	41	9	2
	White Mountain Apache	308	143	151	10	2	2
	Yavapai-Apache Nation	18	12	1	5	0	0
	Yavapai-Prescott Indian Tribe	3	1	0	2	0	0
		TOTAL	3,622	1,743	1,368	256	38
Resided off reservation	---in Maricopa County	1,656	1,088	168	364	24	12
	---in Pima County	127	66	13	46	2	0
	---in Coconino County	328	246	26	52	0	4
	---elsewhere in Arizona	560	367	57	93	18	25
		TOTAL	2,671	1,767	264	555	44

*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 (2005 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		6,293	140	1,055	843	463	1,394	2,107	291
Resided on reservation	Ak-Chin Indian Community	7	1	1	0	0	3	2	0
	Cocopah Tribe	14	0	0	0	0	9	5	0
	Colorado River Indian Tribes	55	2	13	9	5	4	18	4
	Fort McDowell Yavapai Nation	17	0	0	1	1	4	11	0
	Fort Mojave Indian Tribe	10	0	2	0	0	2	2	4
	Fort Yuma Quechan Tribe	8	0	1	1	0	3	3	0
	Gila River Indian Community	210	5	25	21	5	106	46	2
	Havasupai Tribe	9	0	2	1	0	2	4	0
	Hopi Tribe	160	2	30	20	11	38	33	26
	Hualapai Nation	37	0	4	10	2	7	14	0
	Navajo Nation	1,921	26	440	287	188	329	505	146
	Pascua Yaqui Tribe	216	4	22	38	18	50	83	1
	Salt River Pima-Maricopa Community	87	2	10	14	5	13	43	0
	San Carlos Apache Tribe	254	1	58	42	8	48	90	7
	Tohono O'Odham Tribe	288	7	47	40	17	58	115	4
	White Mountain Apache	308	9	61	35	23	37	103	40
	Yavapai-Apache Nation	18	1	3	3	0	3	7	1
Yavapai-Prescott Indian Tribe	3	0	0	0	0	2	1	0	
	TOTAL	3,622	60	719	522	283	718	1,085	235
Resided off reservation	---in Maricopa County	1,656	52	215	208	122	385	650	24
	---in Pima County	127	4	15	10	10	24	58	6
	---in Coconino County	328	7	29	34	17	111	120	10
	---elsewhere in Arizona	560	17	77	69	31	156	194	16
		TOTAL	2,671	80	336	321	180	676	1,022

4.8

MEDICAL RISK FACTORS OF PREGNANCY (2005 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	6,293	2,500	353	7	28	519	30	79	2	61	366	51	58	67	20	3	28	4	1,547
Resided on reservation																			
Ak-Chin Indian Community	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Cocopah Tribe	14	3	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1
Colorado River Indian Tribes	55	26	1	0	0	1	2	0	0	0	1	0	0	0	0	0	0	0	24
Fort McDowell Yavapai Nation	17	8	1	0	0	4	0	0	0	0	3	0	0	0	0	0	0	0	5
Fort Mojave Indian Tribe	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Fort Yuma Quechan Tribe	8	3	0	0	0	1	0	0	0	0	3	0	0	0	0	0	0	0	1
Gila River Indian Community	210	43	2	0	0	15	0	2	1	1	9	1	1	1	0	0	1	0	22
Havasupai Tribe	9	8	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	6
Hopi Tribe	160	70	5	0	0	18	0	4	0	5	13	4	2	4	0	0	1	0	28
Hualapai Nation	37	3	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	2
Navajo Nation	1,921	721	122	3	9	190	5	31	1	20	136	14	35	30	4	0	7	3	306
Pascua Yaqui Tribe	216	69	5	0	1	12	1	5	0	0	13	1	0	0	0	0	0	0	43
Salt River Pima-Maricopa Community	87	43	7	0	0	8	2	1	0	2	6	0	0	0	0	0	0	0	32
San Carlos Apache Tribe	254	112	18	0	0	23	2	3	0	5	16	8	0	4	0	1	1	0	71
Tohono O'Odham Tribe	288	97	4	0	3	26	2	8	0	2	17	1	1	2	0	0	0	0	45
White Mountain Apache	308	163	18	2	7	26	5	0	0	1	33	1	9	12	11	1	8	0	128
Yavapai-Apache Nation	18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Yavapai-Prescott Indian Tribe	3	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
TOTAL	3,622	1,380	183	5	21	328	19	54	2	39	252	30	48	53	15	2	19	3	724
Resided off reservation																			
---in Maricopa County	1,656	743	141	0	0	124	6	15	0	11	76	9	0	8	1	1	2	0	541
---in Pima County	127	48	4	0	1	6	1	4	0	0	6	1	0	0	0	0	0	0	37
---in Coconino County	328	156	10	0	0	26	1	3	0	6	16	5	1	0	0	0	0	0	124
---elsewhere in Arizona	560	173	15	2	6	35	3	3	0	5	16	6	9	6	4	0	7	1	121
TOTAL	2,671	1,120	170	2	7	191	11	25	0	22	114	21	10	14	5	1	9	1	823

4.9
SUBSTANCE USE DURING PREGNANCY (2005 STATUS)

		TOTAL BIRTHS	Substance use			
			Drinker, nonsmoker	Smoker, nondrinker	Smoker and drinker	Nonsmoker and nondrinker
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,293	72	152	64	6,005
Resided on reservation	Ak-Chin Indian Community	7	0	0	1	6
	Cocopah Tribe	14	0	1	1	12
	Colorado River Indian Tribes	55	1	2	0	52
	Fort McDowell Yavapai Nation	17	2	0	0	15
	Fort Mojave Indian Tribe	10	0	0	0	10
	Fort Yuma Quechan Tribe	8	0	0	0	8
	Gila River Indian Community	210	2	4	0	204
	Havasupai Tribe	9	0	1	0	8
	Hopi Tribe	160	3	1	1	155
	Hualapai Nation	37	2	2	1	32
	Navajo Nation	1,921	20	24	15	1,862
	Pascua Yaqui Tribe	216	3	2	1	210
	Salt River Pima-Maricopa Community	87	0	0	0	87
	San Carlos Apache Tribe	254	6	10	6	232
	Tohono O'Odham Tribe	288	2	3	3	280
	White Mountain Apache	308	16	4	11	277
	Yavapai-Apache Nation	18	0	3	0	15
	Yavapai-Prescott Indian Tribe	3	0	0	0	3
	TOTAL	3,622	57	57	40	3,468
	Resided off reservation	---in Maricopa County	1,656	7	52	15
---in Pima County		127	0	7	1	119
---in Coconino County		328	3	8	1	316
---elsewhere in Arizona		560	5	28	7	520
TOTAL		2,671	15	95	24	2,537



Utilization of Medical Services

4.10
TRIMESTER OF PREGNANCY PRENATAL CARE BEGAN (2005 STATUS)

		TOTAL BIRTHS	Prenatal care				
			No care	1st trimester	2nd trimester	3rd trimester	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,293	187	4,271	1,403	418	14
Resided on reservation	Ak-Chin Indian Community	7	1	3	2	1	0
	Cocopah Tribe	14	5	3	2	4	0
	Colorado River Indian Tribes	55	4	31	15	4	1
	Fort McDowell Yavapai Nation	17	0	12	4	1	0
	Fort Mojave Indian Tribe	10	1	7	1	1	0
	Fort Yuma Quechan Tribe	8	0	5	3	0	0
	Gila River Indian Community	210	9	175	23	3	0
	Havasupai Tribe	9	1	7	1	0	0
	Hopi Tribe	160	6	106	42	6	0
	Hualapai Nation	37	3	34	0	0	0
	Navajo Nation	1,921	38	1,157	552	167	7
	Pascua Yaqui Tribe	216	3	147	50	16	0
	Salt River Pima-Maricopa Community	87	6	57	14	10	0
	San Carlos Apache Tribe	254	17	137	69	31	0
	Tohono O'Odham Tribe	288	11	191	67	18	1
	White Mountain Apache	308	13	194	75	26	0
	Yavapai-Apache Nation	18	1	9	2	5	1
	Yavapai-Prescott Indian Tribe	3	1	1	1	0	0
	TOTAL	3,622	120	2,276	923	293	10
Resided off reservation	---in Maricopa County	1,656	43	1,288	262	59	4
	---in Pima County	127	1	98	18	10	0
	---in Coconino County	328	5	252	62	9	0
	---elsewhere in Arizona	560	18	357	138	47	0
	TOTAL	2,671	67	1,995	480	125	4

4.11
NUMBER OF PRENATAL VISITS (2005 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		6,293	187	601	1,507	2,757	1,228	13
Resided on reservation	Ak-Chin Indian Community	7	1	0	2	4	0	0
	Cocopah Tribe	14	5	3	3	2	1	0
	Colorado River Indian Tribes	55	4	10	13	20	7	1
	Fort McDowell Yavapai Nation	17	0	5	2	8	2	0
	Fort Mojave Indian Tribe	10	1	0	2	2	5	0
	Fort Yuma Quechan Tribe	8	0	1	3	3	1	0
	Gila River Indian Community	210	9	7	21	145	28	0
	Havasupai Tribe	9	1	1	0	6	1	0
	Hopi Tribe	160	6	7	50	63	34	0
	Hualapai Nation	37	3	0	1	32	1	0
	Navajo Nation	1,921	38	228	530	736	380	9
	Pascua Yaqui Tribe	216	3	21	39	80	73	0
	Salt River Pima-Maricopa Community	87	6	13	25	37	6	0
	San Carlos Apache Tribe	254	17	52	77	82	26	0
	Tohono O'Odham Tribe	288	11	21	58	130	67	1
	White Mountain Apache	308	13	45	81	133	36	0
	Yavapai-Apache Nation	18	1	9	1	5	1	1
	Yavapai-Prescott Indian Tribe	3	1	0	0	0	2	0
		TOTAL	3,622	120	423	908	1,488	671
Resided off reservation	---in Maricopa County	1,656	43	101	359	816	336	1
	---in Pima County	127	1	6	21	64	35	0
	---in Coconino County	328	5	17	58	160	88	0
	---elsewhere in Arizona	560	18	54	161	229	98	0
		TOTAL	2,671	67	178	599	1,269	557

**4.12
OBSTETRIC PROCEDURES (2005 STATUS)**

		Obstetric procedures						
		Amniocentesis	Electronic Fetal Monitor	Induction of labor	Stimulation of labor	Tocolysis	Ultrasound	Other
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		34	5,819	1,060	1,072	112	3,488	694
Resided on reservation	Ak-Chin Indian Community	0	6	2	0	0	5	0
	Cocopah Tribe	0	14	1	0	1	13	0
	Colorado River Indian Tribes	0	54	4	8	0	21	2
	Fort McDowell Yavapai Nation	0	16	4	3	0	13	2
	Fort Mojave Indian Tribe	0	5	1	0	0	3	4
	Fort Yuma Quechan Tribe	0	8	1	0	1	4	0
	Gila River Indian Community	0	205	15	5	2	174	11
	Havasupai Tribe	0	9	4	7	0	0	0
	Hopi Tribe	0	143	31	34	1	53	9
	Hualapai Nation	0	36	9	4	0	0	0
	Navajo Nation	10	1,722	289	286	16	1,077	53
	Pascua Yaqui Tribe	3	214	19	20	1	168	7
	Salt River Pima-Maricopa Community	2	87	18	19	0	37	18
	San Carlos Apache Tribe	1	199	50	45	35	124	47
	Tohono O'Odham Tribe	0	281	30	6	0	267	7
	White Mountain Apache	1	260	66	62	34	244	166
	Yavapai-Apache Nation	0	18	1	1	0	15	0
	Yavapai-Prescott Indian Tribe	0	3	0	1	0	2	0
	TOTAL	17	3,280	545	501	91	2,220	326
Resided off reservation	---in Maricopa County	10	1,599	310	391	15	685	281
	---in Pima County	0	124	26	11	0	108	11
	---in Coconino County	3	316	103	99	0	116	1
	---elsewhere in Arizona	4	500	76	70	6	359	75
		TOTAL	17	2,539	515	571	21	1,268

4.13

COMPLICATIONS OF LABOR AND DELIVERY (2005 STATUS)

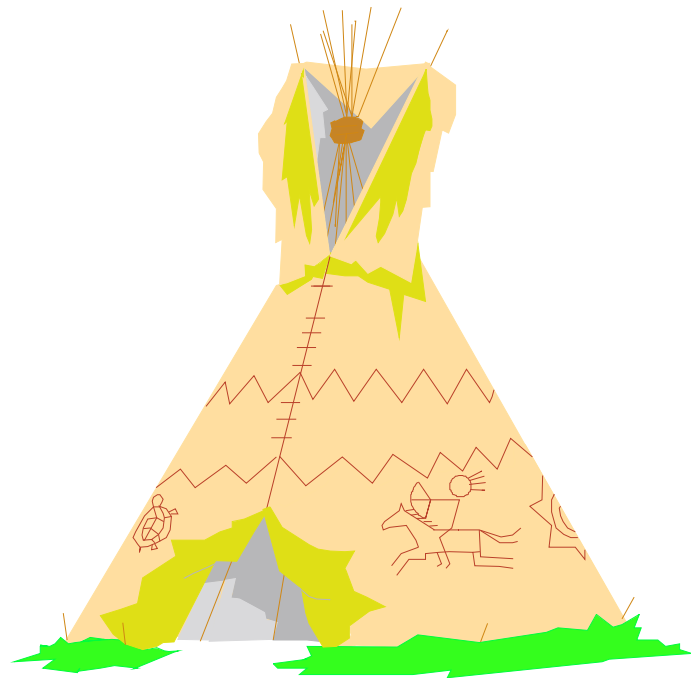
	TOTAL BIRTHS	Births with complications of labor and/or delivery	Complications of labor and/or delivery																
			Febrile	Meconium	Rupture of membrane	Abruptio placenta	Placenta previa	Other bleeding	Seizures	Precipitous labor	Prolonged labor	Dysfunctional labor	Breech malpresentation	Cephalopelvic disp.	Cord prolapse	Anesthetic complic.	Fetal distress	Other	
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA	6,293	1,963	92	272	261	25	11	98	4	73	115	186	195	28	20	1	185	1,061	
Resided on reservation																			
Ak-Chin Indian Community	7	2	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	
Cocopah Tribe	14	7	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4
Colorado River Indian Tribes	55	9	1	2	3	0	0	0	0	0	1	2	0	0	0	0	0	4	
Fort McDowell Yavapai Nation	17	8	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	5	
Fort Mojave Indian Tribe	10	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	5	
Fort Yuma Quechan Tribe	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Gila River Indian Community	210	40	2	5	3	1	0	2	0	2	2	1	3	1	0	0	7	22	
Havasupai Tribe	9	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	
Hopi Tribe	160	52	4	8	9	0	0	4	0	5	6	10	1	0	0	8	16		
Hualapai Nation	37	4	0	0	0	0	1	0	0	0	0	3	0	0	0	0	0		
Navajo Nation	1,921	555	36	66	110	7	3	39	3	43	54	73	49	7	11	0	63	157	
Pascua Yaqui Tribe	216	64	0	16	8	0	0	0	0	1	1	3	7	1	1	0	9	38	
Salt River Pima-Maricopa Community	87	38	0	5	4	0	0	7	0	2	2	4	3	0	0	0	1	23	
San Carlos Apache Tribe	254	67	1	11	5	3	0	3	0	4	2	2	6	1	0	0	4	36	
Tohono O'Odham Tribe	288	80	2	27	6	1	0	1	0	3	1	7	6	0	1	0	6	36	
White Mountain Apache	308	125	2	11	21	2	1	7	0	1	7	23	23	4	0	0	22	97	
Yavapai-Apache Nation	18	5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	4	
Yavapai-Prescott Indian Tribe	3	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
TOTAL	3,622	1,069	49	156	170	14	5	63	3	56	75	121	113	16	13	1	128	452	
Resided off reservation																			
---in Maricopa County	1,656	575	32	85	66	3	3	31	0	9	36	42	47	10	3	0	29	386	
---in Pima County	127	65	3	9	4	1	0	0	0	1	1	5	6	0	0	0	7	44	
---in Coconino County	328	80	0	4	6	3	2	1	0	0	2	2	11	0	2	0	2	61	
---elsewhere in Arizona	560	174	8	18	15	4	1	3	1	7	1	16	18	2	2	0	19	118	
TOTAL	2,671	894	43	116	91	11	6	35	1	17	40	65	82	12	7	0	57	609	

4.14
METHOD OF DELIVERY (2005 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		6,293	4,882	117	732	562	41	89
Resided on reservation	Ak-Chin Indian Community	7	7	0	0	0	0	0
	Cocopah Tribe	14	9	0	3	2	0	2
	Colorado River Indian Tribes	55	38	0	6	11	0	1
	Fort McDowell Yavapai Nation	17	11	0	6	0	0	1
	Fort Mojave Indian Tribe	10	7	1	1	1	0	1
	Fort Yuma Quechan Tribe	8	6	1	1	0	0	0
	Gila River Indian Community	210	161	0	24	25	0	1
	Havasupai Tribe	9	8	0	1	0	0	0
	Hopi Tribe	160	121	7	26	6	2	2
	Hualapai Nation	37	24	0	4	9	0	0
	Navajo Nation	1,921	1,560	68	167	126	9	17
	Pascua Yaqui Tribe	216	172	6	19	19	1	4
	Salt River Pima-Maricopa Community	87	66	2	12	7	1	4
	San Carlos Apache Tribe	254	194	0	25	35	0	6
	Tohono O'Odham Tribe	288	223	4	26	35	0	3
	White Mountain Apache	308	239	0	34	35	9	10
	Yavapai-Apache Nation	18	16	1	0	1	0	0
	Yavapai-PreScott Indian Tribe	3	3	0	0	0	0	0
	TOTAL	3,622	2,865	90	355	312	22	52
Resided off reservation	---in Maricopa County	1,656	1,260	16	232	148	12	20
	---in Pima County	127	89	2	29	7	1	2
	---in Coconino County	328	254	1	39	34	1	8
	---elsewhere in Arizona	560	414	8	77	61	5	7
		TOTAL	2,671	2,017	27	377	250	19

**4.15
ATTENDANT AT BIRTH (2005 STATUS)**

		TOTAL BIRTHS	M.D.	C.N.M	Midwife	D.O.	Other
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,293	3,737	1,951	40	549	16
Resided on reservation	Ak-Chin Indian Community	7	6	0	0	1	0
	Cocopah Tribe	14	10	4	0	0	0
	Colorado River Indian Tribes	55	24	0	0	31	0
	Fort McDowell Yavapai Nation	17	15	1	0	1	0
	Fort Mojave Indian Tribe	10	9	0	0	1	0
	Fort Yuma Quechan Tribe	8	4	3	0	1	0
	Gila River Indian Community	210	157	4	2	46	1
	Havasupai Tribe	9	8	0	0	1	0
	Hopi Tribe	160	80	78	0	2	0
	Hualapai Nation	37	20	0	0	17	0
	Navajo Nation	1,921	631	1,209	27	50	4
	Pascua Yaqui Tribe	216	138	76	0	2	0
	Salt River Pima-Maricopa Community	87	60	24	0	2	1
	San Carlos Apache Tribe	254	245	4	0	3	2
	Tohono O'Odham Tribe	288	276	9	0	3	0
	White Mountain Apache	308	127	5	0	175	1
	Yavapai-Apache Nation	18	17	1	0	0	0
	Yavapai-Prescott Indian Tribe	3	3	0	0	0	0
	TOTAL	3,622	1,830	1,418	29	336	9
Resided off reservation	---in Maricopa County	1,656	1,090	454	6	104	2
	---in Pima County	127	115	9	0	3	0
	---in Coconino County	328	306	20	2	0	0
	---elsewhere in Arizona	560	396	50	3	106	5
		TOTAL	2,671	1,907	533	11	213



Newborn's Health

**4.16
GESTATIONAL AGE (2005 STATUS)**

		TOTAL BIRTHS	Length of gestation			
			<37 weeks	37-41 weeks	42+ weeks	Unknown
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,293	664	5,558	58	13
Resided on reservation	Ak-Chin Indian Community	7	0	7	0	0
	Cocopah Tribe	14	2	12	0	0
	Colorado River Indian Tribes	55	8	47	0	0
	Fort McDowell Yavapai Nation	17	3	14	0	0
	Fort Mojave Indian Tribe	10	0	6	0	4
	Fort Yuma Quechan Tribe	8	2	6	0	0
	Gila River Indian Community	210	20	188	1	1
	Havasupai Tribe	9	1	8	0	0
	Hopi Tribe	160	11	144	2	3
	Hualapai Nation	37	3	33	1	0
	Navajo Nation	1,921	161	1,729	28	3
	Pascua Yaqui Tribe	216	24	191	1	0
	Salt River Pima-Maricopa Community	87	9	77	1	0
	San Carlos Apache Tribe	254	36	217	1	0
	Tohono O'Odham Tribe	288	30	258	0	0
	White Mountain Apache	308	35	267	6	0
	Yavapai-Apache Nation	18	4	14	0	0
	Yavapai-Prescott Indian Tribe	3	0	3	0	0
	TOTAL	3,622	349	3,221	41	11
	Resided off reservation	---in Maricopa County	1,656	195	1,451	9
---in Pima County		127	11	115	1	0
---in Coconino County		328	37	288	2	1
---elsewhere in Arizona		560	72	483	5	0
TOTAL		2,671	315	2,337	17	2

4.17
WEIGHT AT BIRTH (2005 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		6,293	30	40	390	5,254	575	4
Resided on reservation	Ak-Chin Indian Community	7	0	0	1	6	0	0
	Cocopah Tribe	14	1	0	1	9	3	0
	Colorado River Indian Tribes	55	0	0	3	49	3	0
	Fort McDowell Yavapai Nation	17	0	0	3	12	2	0
	Fort Mojave Indian Tribe	10	0	0	2	8	0	0
	Fort Yuma Quechan Tribe	8	0	0	0	8	0	0
	Gila River Indian Community	210	0	1	14	177	18	0
	Havasupai Tribe	9	0	0	0	8	1	0
	Hopi Tribe	160	1	0	12	138	8	1
	Hualapai Nation	37	0	0	1	34	2	0
	Navajo Nation	1,921	11	15	109	1,624	161	1
	Pascua Yaqui Tribe	216	4	1	9	176	26	0
	Salt River Pima-Maricopa Community	87	0	1	3	69	14	0
	San Carlos Apache Tribe	254	2	2	12	219	19	0
	Tohono O'Odham Tribe	288	0	0	12	248	28	0
	White Mountain Apache	308	1	0	23	263	21	0
	Yavapai-Apache Nation	18	0	2	1	14	1	0
	Yavapai-Prescott Indian Tribe	3	0	0	0	3	0	0
	TOTAL	3,622	20	22	206	3,065	307	2
Resided off reservation	---in Maricopa County	1,656	4	12	98	1,363	178	1
	---in Pima County	127	1	1	10	102	13	0
	---in Coconino County	328	3	0	31	272	22	0
	---elsewhere in Arizona	560	2	5	45	452	55	1
	TOTAL	2,671	10	18	184	2,189	268	2

4.18

ABNORMAL CONDITIONS OF THE NEWBORN (2005 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		6,293	374	6	19	1	19	8	55	48	16	272
Resided on reservation	Ak-Chin Indian Community	7	1	0	0	1	0	0	0	0	0	1
	Cocopah Tribe	14	2	0	0	0	0	0	0	2	0	2
	Colorado River Indian Tribes	55	16	0	0	0	0	0	10	0	0	7
	Fort McDowell Yavapai Nation	17	0	0	0	0	0	0	0	0	0	0
	Fort Mojave Indian Tribe	10	5	0	0	0	0	1	0	0	0	5
	Fort Yuma Quechan Tribe	8	0	0	0	0	0	0	0	0	0	0
	Gila River Indian Community	210	6	0	0	0	1	0	0	0	0	6
	Havasupai Tribe	9	0	0	0	0	0	0	0	0	0	0
	Hopi Tribe	160	8	0	0	0	0	0	2	0	1	5
	Hualapai Nation	37	0	0	0	0	0	0	0	0	0	0
	Navajo Nation	1,921	96	4	1	0	4	5	26	14	3	50
	Pascua Yaqui Tribe	216	3	0	0	0	0	0	0	0	1	2
	Salt River Pima-Maricopa Community	87	0	0	0	0	0	0	0	0	0	0
	San Carlos Apache Tribe	254	31	0	0	0	2	0	3	3	1	26
	Tohono O'Odham Tribe	288	7	0	0	0	1	0	0	1	0	5
	White Mountain Apache	308	51	2	10	0	2	1	2	11	5	41
	Yavapai-Apache Nation	18	3	0	0	0	0	0	0	2	0	3
	Yavapai-Prescott Indian Tribe	3	0	0	0	0	0	0	0	0	0	0
TOTAL	3,622	229	6	11	1	10	7	43	33	11	153	
Resided off reservation	---in Maricopa County	1,656	53	0	2	0	4	0	1	6	4	44
	---in Pima County	127	16	0	0	0	0	0	3	1	0	15
	---in Coconino County	328	15	0	2	0	0	0	5	0	0	9
	---elsewhere in Arizona	560	61	0	4	0	5	1	3	8	1	51
	TOTAL	2,671	145	0	8	0	9	1	12	15	5	119

4.19

CONGENITAL ANOMALIES (BIRTH DEFECTS) (2005 STATUS)

		TOTAL BIRTHS	Births with congenital anomalies	Congenital anomalies																						
				Anencephalus	Spina bifida/meningocele	Hydrocephalus	Microcephalus	Other CNS anomaly	Heart malformations	Other respiratory/circulatory	Rectal atresia/stenosis	Tracheo-esophageal fistula/esophageal	Omphalocele/gastroschisis	Other gastrointestinal	Malformed genitalia	Renal agenesis	Other urogenital	Cleft lip/palate	Polydactyly/syndactyly	Club foot	Diaphragmatic hernia	Other musculoskeletal	Down's syndrome	Other chromosomal	Other	
ALL AMERICAN INDIAN RESIDENTS OF ARIZONA		6,293	97	1	0	1	1	0	3	9	0	0	2	0	2	0	2	9	0	3	1	4	2	2	60	
Resided on reservation	Ak-Chin Indian Community	7	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Cocopah Tribe	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Colorado River Indian Tribes	55	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	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fort Mojave Indian Tribe	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fort Yuma Quechan Tribe	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Gila River Indian Community	210	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	Havasupai Tribe	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hopi Tribe	160	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0
	Hualapai Nation	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
	Navajo Nation	1,921	30	0	0	0	0	0	3	1	0	0	0	0	1	0	1	3	0	0	1	1	0	1	19	
	Pascua Yaqui Tribe	216	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Salt River Pima-Maricopa Community	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	San Carlos Apache Tribe	254	7	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4
	Tohono O'Odham Tribe	288	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
	White Mountain Apache	308	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	7	
Yavapai-Apache Nation	18	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	3,622	57	0	0	0	1	0	3	3	0	0	0	0	2	0	1	8	0	1	1	4	1	2	32		
Resided off reservation	---in Maricopa County	1,656	9	0	0	1	0	0	0	3	0	0	0	0	0	1	0	0	1	0	0	0	0	0	4	
	---in Pima County	127	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
	---in Coconino County	328	18	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	17	
	---elsewhere in Arizona	560	11	1	0	0	0	0	0	3	0	0	0	0	0	0	1	0	0	0	0	1	0	0	6	
	TOTAL	2,671	40	1	0	1	0	0	0	6	0	0	2	0	0	0	1	1	0	2	0	0	1	0	28	

4.20

CAUSES OF INFANT DEATHS AMONG AMERICAN INDIAN RESIDENTS, ARIZONA, 2005

	Total, statewide	Resided on reservation							Resided off reservation			
		Gila River Indian Community	Hopi Tribe	Navajo Nation	Pascua Yaqui Tribe	San Carlos Apache Tribe	Tohono O'Odham Tribe	White Mountain Apache Tribe	---in Maricopa County	---in Pima County	---in Coconino County	---elsewhere in Arizona
Total, all causes	52	2	1	13	3	4	2	5	11	1	6	4
Certain conditions originating in the perinatal period	14	0	0	4	0	4	0	1	3	0	1	1
Maternal complications	2	0	0	0	0	0	0	1	0	0	0	1
Complications of placenta, cord and membrane	1	0	0	1	0	0	0	0	0	0	0	0
Short gestation and low birth weight	3	0	0	0	0	1	0	0	1	0	1	0
Other respiratory condition	1	0	0	1	0	0	0	0	0	0	0	0
Bacterial sepsis of newborn	3	0	0	2	0	1	0	0	0	0	0	0
Congenital malformations	13	0	1	2	0	0	1	3	1	1	3	1
of heart	3	0	0	1	0	0	0	1	0	0	0	1
of brain, spinal cord or nervous system	2	0	0	0	0	0	0	1	1	0	0	0
of respiratory system	2	0	1	0	0	0	0	0	0	1	0	0
Sudden infant death syndrome	4	1	0	2	1	0	0	0	0	0	0	0
Accident (unintentional injury)	2	0	0	1	0	0	0	1	0	0	0	0
Fall	1	0	0	0	0	0	0	1	0	0	0	0
Mechanical suffocation	1	0	0	1	0	0	0	0	0	0	0	0
Influenza and pneumonia	3	1	0	0	0	0	0	0	1	0	1	0
Diseases of the circulatory system	1	0	0	1	0	0	0	0	0	0	0	0
Diseases of the nervous system	2	0	0	1	0	0	0	0	1	0	0	0
Assault (homicide)	1	0	0	0	1	0	0	0	0	0	0	0
Septicemia	1	0	0	0	0	0	0	0	1	0	0	0
Other ill-defined and unspecified causes of mortality	6	0	0	1	1	0	1	0	2	0	0	1

4.21
COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2005

		TOTAL STATE	APACHE	COCHISE	COCONINO	GILA	GRAHAM	GREENLEE	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	SANTA CRUZ	YAVAPAI	YUMA	LA PAZ	Unknown
Total births		6,293	1,068	13	807	229	42	1	1,817	81	1,104	575	385	1	57	54	55	4
Mother's age group	<15	21	0	0	2	3	0	0	8	0	2	1	5	0	0	0	0	0
	15-17	478	67	0	54	28	2	0	114	5	91	58	41	0	7	4	7	0
	18-19	705	95	1	83	24	9	0	215	7	144	60	48	0	6	4	9	0
	20-24	1,990	320	2	255	82	19	1	588	31	313	179	142	0	18	21	17	2
	25-29	1,499	254	4	189	49	8	0	468	19	243	145	79	1	17	15	8	0
	30-34	1,004	193	4	143	30	3	0	282	13	185	83	46	0	7	5	9	1
	35-39	459	103	2	55	12	1	0	125	6	84	42	19	0	2	3	4	1
	40-44	133	36	0	25	0	0	0	16	0	41	7	5	0	0	2	1	0
	45+	4	0	0	1	1	0	0	1	0	1	0	0	0	0	0	0	0
Payee for births	AHCCCS	3,510	469	7	380	70	10	1	1,199	57	607	371	228	0	40	29	42	0
	IHS	1,632	394	2	351	146	29	0	179	1	400	89	33	0	4	2	1	1
	Private insurance	811	20	4	72	9	2	0	394	8	51	100	111	0	12	18	10	0
	Self	82	0	0	0	3	0	0	32	11	7	13	9	1	1	5	0	0
	Unknown	258	185	0	4	1	1	0	13	4	39	2	4	0	0	0	2	3
Mother's education	< 8	52	4	1	4	4	1	0	16	0	8	4	8	0	1	1	0	0
	8	168	13	1	8	8	0	0	61	0	22	15	32	0	2	3	3	0
	9-11	1,778	221	1	196	86	11	0	495	25	327	202	163	0	17	14	19	1
	12	2,305	455	4	282	85	26	1	559	44	458	211	110	1	23	27	18	1
	13-16	1,790	337	5	286	45	4	0	614	11	268	124	68	0	13	6	8	1
	17+	153	30	0	25	1	0	0	54	1	17	17	3	0	0	3	2	0
	Unknown	47	8	1	6	0	0	0	18	0	4	2	1	0	1	0	5	1
Marital status	Married	1,586	248	7	231	61	7	0	506	21	263	120	74	1	12	21	13	1
	Unmarried	4,585	779	6	571	166	35	1	1,278	56	819	446	306	0	45	33	42	2
	Other*	122	41	0	5	2	0	0	33	4	22	9	5	0	0	0	0	1
Weight gain	None	140	14	0	12	1	0	0	56	0	23	13	17	0	2	0	2	0
	1-15 pounds	1,055	248	0	129	52	6	0	236	12	233	74	45	0	6	1	13	0
	16-20 pounds	843	169	2	102	39	4	0	236	13	143	75	42	1	6	1	9	1
	21-24 pounds	463	126	2	57	7	1	0	134	4	71	39	12	0	1	3	5	1
	25-30 pounds	1,394	159	3	207	47	6	0	412	15	202	122	168	0	12	36	4	1
	31+ pounds	2,107	297	6	246	75	24	1	719	32	307	241	99	0	28	13	18	1
	Unknown	291	55	0	54	8	1	0	24	5	125	11	2	0	2	0	4	0
Substance use	Drinker, nonsmoker	72	13	0	9	5	2	0	11	2	23	3	3	0	0	0	1	0
	Smoker, nondrinker	152	14	1	13	11	1	0	53	7	20	11	12	0	4	3	2	0
	Smoker and drinker	64	11	0	3	5	1	0	15	1	19	5	3	0	0	1	0	0
	Nonsmoker and nondrinker	6,005	1,030	12	782	208	38	1	1,738	71	1,042	556	367	1	53	50	52	4

4.21
COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2005

		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	664	97	4	75	30	9	0	214	12	108	58	31	0	9	8	8	1
	37-41 weeks	5,558	955	9	721	198	33	1	1,591	64	973	516	352	1	48	46	47	3
	42+ weeks	58	15	0	9	1	0	0	11	1	19	1	1	0	0	0	0	0
	Unknown	13	1	0	2	0	0	0	1	4	4	0	1	0	0	0	0	0
Weight at birth	<1,000 grams	30	8	0	5	2	0	0	7	0	4	2	0	0	0	1	0	1
	1,000-1,499	40	9	0	1	2	0	0	13	1	6	2	4	0	2	0	0	0
	1,500-2,499	390	57	2	60	11	2	0	105	7	78	30	28	0	3	4	3	0
	2,500-3,999	5,254	904	11	672	194	38	1	1,489	69	944	482	311	1	46	40	49	3
	4000+	575	90	0	69	20	2	0	202	4	69	59	42	0	6	9	3	0
	Unknown	4	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	0
Prenatal care	No care	187	23	2	14	12	5	0	50	4	30	14	21	0	2	6	4	0
	1st trimester	4,271	613	7	565	124	23	0	1,396	68	711	398	276	1	26	29	31	3
	2nd trimester	1,403	333	2	191	62	13	1	291	7	265	124	63	0	21	14	15	1
	3rd trimester	418	95	2	36	31	1	0	76	2	96	38	25	0	7	5	4	0
	Unknown	14	4	0	1	0	0	0	4	0	2	1	0	0	1	0	1	0
Prenatal visits	No visits	187	23	2	14	12	5	0	50	4	30	14	21	0	2	6	4	0
	1-4 visits	601	122	1	58	45	9	0	126	2	144	41	26	0	12	5	10	0
	5-8 visits	1,507	296	4	193	64	17	1	395	10	304	109	78	1	9	11	13	2
	9-12 visits	2,757	409	2	344	81	8	0	883	53	449	252	213	0	22	20	20	1
	13+ visits	1,228	215	4	197	27	3	0	362	12	172	158	47	0	11	12	7	1
	Unknown	13	3	0	1	0	0	0	1	0	5	1	0	0	1	0	1	0
Newborn intensive care	Yes	318	36	1	61	16	2	0	87	4	61	21	17	0	4	7	1	0
	No	5,969	1,031	12	746	213	40	1	1,730	74	1,042	554	367	1	53	47	54	4
	Unknown	6	1	0	0	0	0	0	0	3	1	0	1	0	0	0	0	0
Obstetric procedures	Amniocentesis	34	5	1	7	1	0	0	15	1	4	0	0	0	0	0	0	0
	Electronic Fetal Monitoring	5,819	916	9	777	204	8	0	1,758	73	969	564	375	1	55	53	54	3
	Induction of labor	1,060	153	2	193	48	3	0	335	16	194	72	31	0	3	6	4	0
	Stimulation of labor	1,072	136	0	196	52	0	0	428	7	196	22	15	0	12	0	8	0
	Tocolysis	112	17	0	1	35	0	0	16	0	36	0	3	0	0	4	0	0
	Ultrasound	3,488	684	9	304	95	38	1	746	19	624	533	318	1	48	45	21	2
	Other	694	38	1	11	27	27	1	306	5	238	20	16	1	1	0	2	0
Method of delivery	Vaginal	4,882	864	7	639	181	29	0	1,375	52	866	447	292	1	50	38	38	3
	Vaginal after C-Section	117	40	0	15	0	0	0	21	1	29	9	0	0	1	1	0	0
	Primary C-Section	732	96	2	80	21	5	1	255	12	124	69	48	0	4	9	6	0
	Repeat C-Section	562	68	4	73	27	8	0	166	16	85	50	45	0	2	6	11	1
	Forceps	41	3	0	4	0	0	0	13	0	18	2	0	0	1	0	0	0
	Vacuum	89	9	2	16	5	1	0	27	2	15	7	2	0	0	2	1	0

4.21
**COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY
COUNTY OF RESIDENCE, ARIZONA, 2005**

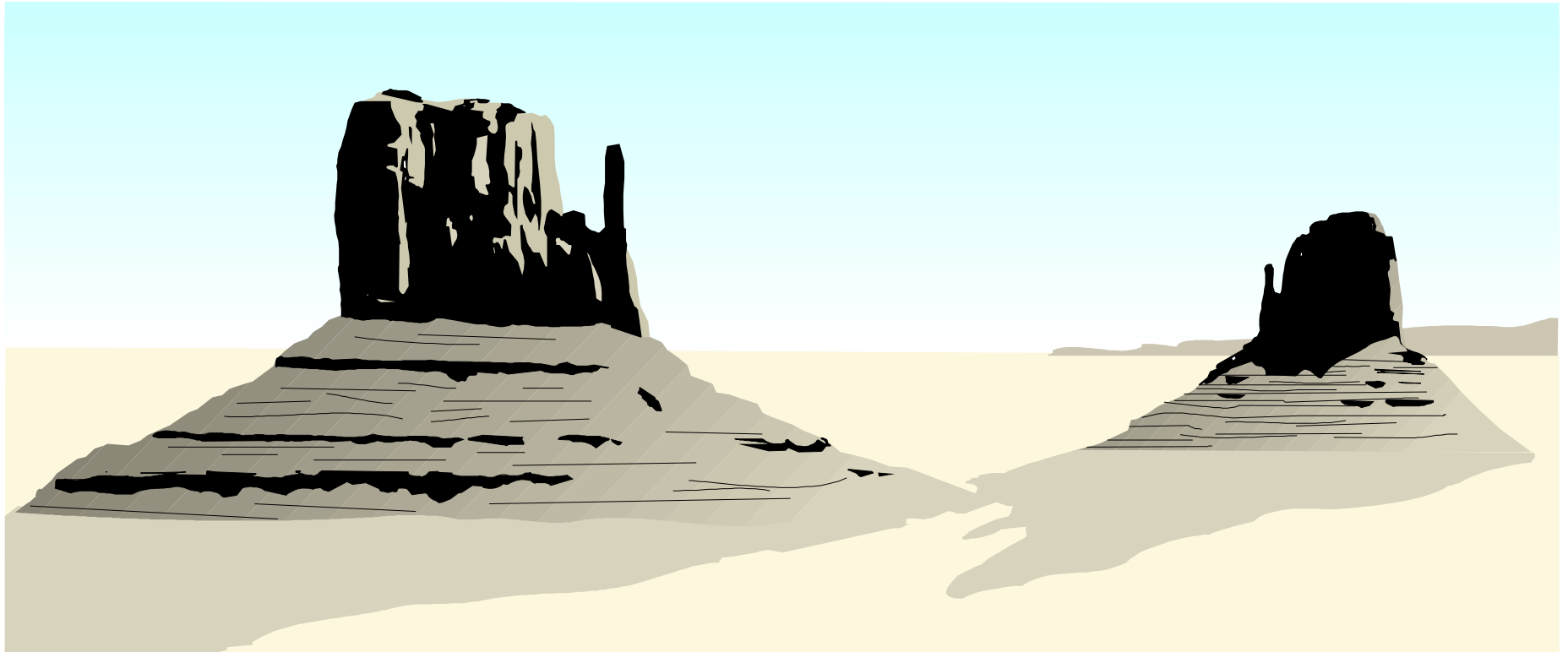
		TOTAL STATE	APACHE	COCHISE	COCONINO	GILA	GRAHAM	GREENLEE	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	SANTA CRUZ	YAVAPAI	YUMA	LA PAZ	Unknown
Births with medical risk factors	Total	2,500	411	8	337	111	12	0	821	18	458	187	83	0	16	11	26	1
	Anemia	353	83	0	27	18	0	0	154	0	56	8	4	0	1	0	1	1
	Cardiac disease	7	3	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0
	Lung disease	28	5	0	2	0	0	0	0	0	11	5	0	0	5	0	0	0
	Diabetes	519	104	0	79	21	3	0	142	3	95	38	27	0	3	3	1	0
	Genital herpes	30	4	0	1	1	1	0	8	1	7	4	1	0	0	0	2	0
	Hydramnios	79	17	1	10	3	0	0	16	0	12	17	3	0	0	0	0	0
	Hemoglobinopathy	2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	Chronic hypertension	61	12	0	13	3	2	0	13	2	11	2	2	0	0	1	0	0
	Pregnancy associated hypertension	366	88	0	47	16	2	0	86	0	72	35	13	0	0	5	1	1
	Eclampsia	51	5	0	16	7	1	0	9	1	7	3	1	0	0	0	0	1
	Previous infant 4000+g	58	20	0	11	0	1	0	0	0	24	1	1	0	0	0	0	0
	Previous SGA infant	67	16	0	8	4	0	0	8	0	25	2	2	0	2	0	0	0
	Renal disease	20	3	0	1	0	0	0	1	0	15	0	0	0	0	0	0	0
	RH sensitization	3	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0
Uterine bleeding	28	4	0	2	1	0	0	2	0	17	0	2	0	0	0	0	0	
Incompetent cervix	4	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	
Other	1,547	144	7	221	72	8	0	599	17	284	104	49	0	14	4	24	0	
Abnormal conditions of the newborn	Total	374	51	2	39	22	11	1	55	13	105	24	22	0	9	3	16	1
	Anemia	6	1	0	3	0	0	0	0	0	2	0	0	0	0	0	0	0
	Birth injury	19	0	0	3	0	0	0	2	0	14	0	0	0	0	0	0	0
	Fetal Alcohol Syndrome	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	Membrane disease	19	5	0	0	2	0	0	4	0	5	1	1	0	0	0	0	1
	Meconium aspiration	8	3	0	1	0	0	0	0	1	3	0	0	0	0	0	0	0
	Assisted vent. <30 min	55	12	0	14	3	0	0	1	3	9	3	0	0	0	0	10	0
	Assisted vent. >30 min.	48	10	0	1	3	0	0	6	1	19	2	0	0	2	3	0	1
	Newborn seizures	16	0	0	1	1	0	0	5	0	9	0	0	0	0	0	0	0
Other	272	27	2	20	17	11	1	45	10	77	21	22	0	9	3	7	0	
Births with congenital anomalies	Total	97	8	0	35	3	5	0	10	2	25	5	4	0	0	0	0	0
	Anencephalus	1	0	0	0	0	0	0	0	0	1	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	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	Other CNS anomaly	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Heart malformations	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other respiratory/circulatory	9	0	0	1	2	0	0	3	1	2	0	0	0	0	0	0	0
Rectal atresia/stenosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

4.21

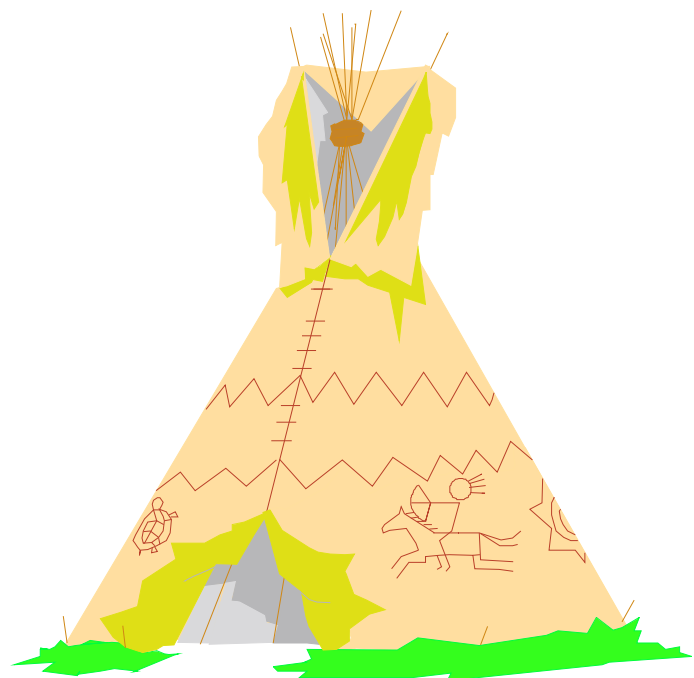
COMPARISON OF SELECTED CHARACTERISTICS OF AMERICAN INDIAN NEWBORNS AND WOMEN GIVING BIRTH BY COUNTY OF RESIDENCE, ARIZONA, 2005

	TOTAL STATE	APACHE	COCHISE	COCONINO	GILA	GRAHAM	GREENLEE	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	SANTA CRUZ	YAVAPAI	YUMA	LA PAZ	Unknown
Tracheo-esophageal fistula/esophageal atresia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Omphalocele/gastroschisis	2	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
Other gastrointestinal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malformed genitalia	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
Renal agenesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other urogenital	2	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Cleft lip/palate	9	0	0	3	0	0	0	0	0	1	3	2	0	0	0	0	0
Polydactyly/syndactyly/adactyly	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Club foot	3	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Diaphragmatic hernia	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other muscoskeletal	4	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
Down's syndrome	2	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
Other chromosomal	2	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Other	60	3	0	29	0	5	0	5	1	15	1	1	0	0	0	0	0
Births with complications	1,963	308	7	224	62	14	1	645	18	378	185	72	0	18	20	9	2
Febrile	92	19	1	10	1	0	0	33	0	17	5	5	0	0	0	1	0
Meconium	272	41	2	20	12	0	0	99	2	37	43	8	0	2	4	2	0
Rupture of membrane	261	67	0	26	5	0	0	73	1	62	15	6	0	2	1	3	0
Abruptio placenta	25	4	0	4	3	0	0	3	1	5	2	3	0	0	0	0	0
Placenta previa	11	3	0	2	0	0	0	3	1	2	0	0	0	0	0	0	0
Other bleeding	98	19	0	12	3	0	0	38	0	23	1	2	0	0	0	0	0
Seizures	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Precipitous labor	73	20	0	11	4	0	0	12	0	16	4	5	0	0	1	0	0
Prolonged labor	115	26	0	22	2	0	0	38	0	20	3	4	0	0	0	0	0
Dysfunctional labor	186	36	1	30	2	0	0	46	1	51	15	1	0	1	0	1	1
Breech malpresentation	195	24	0	23	6	0	0	52	6	54	17	7	0	1	1	2	2
Cephalopelvic disproportion.	28	4	0	4	1	0	0	12	0	6	0	1	0	0	0	0	0
Cord prolapse	20	8	0	5	0	0	0	3	0	2	2	0	0	0	0	0	0
Anesthetic complications	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Fetal distress	185	39	0	17	3	1	0	32	4	50	21	10	0	2	6	0	0
Other	1,061	78	4	109	31	13	1	429	9	216	103	37	0	15	12	4	0
Infant mortality	52	10	0	8	4	0	0	11	0	10	5	4	0	0	0	0	0
Neonatal	27	4	0	6	3	0	0	4	0	5	2	3	0	0	0	0	0
Postneonatal	25	6	0	2	1	0	0	7	0	5	3	1	0	0	0	0	0

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



V.
PATTERNS OF MORTALITY AMONG AMERICAN INDIANS
BY PLACE OF RESIDENCE IN ARIZONA
IN 2005



AGE-SPECIFIC MORTALITY

5.1
AGE-SPECIFIC MORTALITY AMONG AMERICAN INDIANS IN 2005

		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		1,651	52	11	19	108	124	182	241	226	277	210	201
Resided on reservation	Ak-Chin Indian Community	1	0	0	0	0	0	0	1	0	0	0	0
	Cocopah Tribe	6	0	0	0	0	0	0	1	2	2	1	0
	Colorado River Indian Tribes	19	0	0	0	1	0	3	6	4	2	1	2
	Fort McDowell Yavapai Nation	8	0	0	0	0	2	2	1	0	2	1	0
	Fort Mojave Indian Tribe	3	0	0	0	0	0	1	0	2	0	0	0
	Fort Yuma Quechan Tribe	1	0	0	0	0	0	0	0	0	0	1	0
	Gila River Indian Community	97	2	1	1	9	3	9	24	16	18	11	3
	Havasupai Tribe	1	0	0	0	0	0	0	0	0	1	0	0
	Hopi Tribe	59	1	0	0	3	5	5	9	9	5	9	13
	Hualapai Nation	19	0	0	0	1	3	3	4	2	5	1	0
	Navajo Nation	512	13	3	5	30	42	47	51	52	79	87	103
	Pascua Yaqui Tribe	68	3	1	0	5	2	6	11	13	18	7	2
	Salt River Pima-Maricopa Community	22	0	0	1	1	3	6	5	1	3	1	1
	San Carlos Apache Tribe	80	4	0	1	3	6	9	12	14	18	7	6
	Tohono O'Odham Tribe	109	2	0	4	5	5	15	14	19	20	14	11
	White Mountain Apache Tribe	106	5	0	2	19	13	15	11	14	15	8	4
	Yavapai-Apache Nation	5	0	1	0	0	1	0	1	0	2	0	0
Yavapai-Prescott Indian Tribe	1	0	0	0	0	0	0	0	0	0	1	0	
TOTAL	1,117	30	6	14	77	85	121	151	148	190	150	145	
Resided off reservation	---in Maricopa County	224	11	2	2	12	19	33	45	38	34	18	10
	---in Pima County	68	1	0	1	4	7	10	12	10	9	8	6
	---in Coconino County	48	6	1	0	6	4	3	6	3	9	7	3
	---elsewhere in Arizona	194	4	2	2	9	9	15	27	27	35	27	37
	TOTAL	534	22	5	5	31	39	61	90	78	87	60	56

5.2

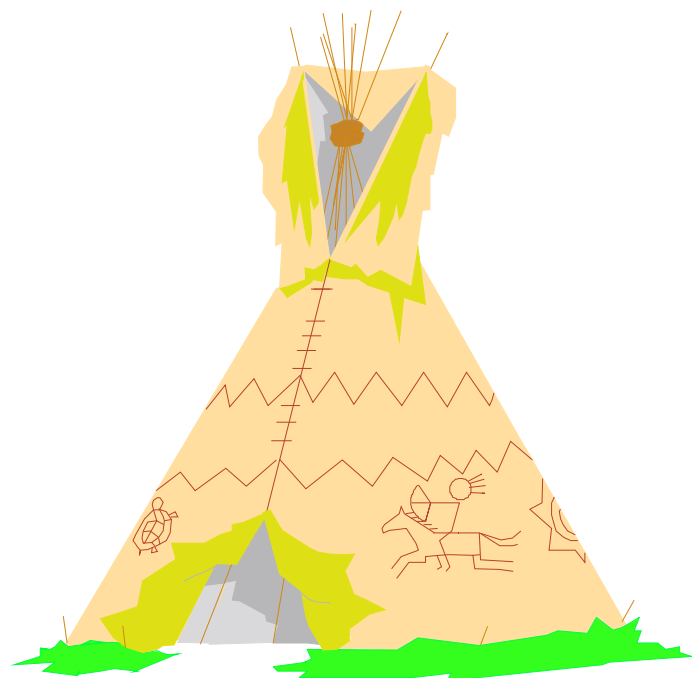
AGE-SPECIFIC MORTALITY AMONG AMERICAN INDIAN MALES IN 2005

		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		929	25	6	10	76	91	127	143	135	136	95	85
Resided on reservation	Cocopah Tribe	3	0	0	0	0	0	0	0	1	1	1	0
	Colorado River Indian Tribes	13	0	0	0	1	0	3	4	2	1	1	1
	Fort McDowell Yavapai Nation	6	0	0	0	0	2	2	1	0	0	1	0
	Fort Mojave Indian Tribe	2	0	0	0	0	0	0	0	2	0	0	0
	Gila River Indian Community	49	1	0	1	6	3	6	7	8	11	6	0
	Hopi Tribe	36	1	0	0	3	1	5	6	8	2	4	6
	Hualapai Nation	9	0	0	0	0	2	3	1	2	1	0	0
	Navajo Nation	290	9	2	2	21	37	30	34	36	34	46	39
	Pascua Yaqui Tribe	36	0	1	0	4	1	5	4	8	9	2	2
	Salt River Pima-Maricopa Community	15	0	0	0	1	2	5	3	0	2	1	1
	San Carlos Apache Tribe	48	0	0	0	2	6	8	9	8	8	4	3
	Tohono O'Odham Tribe	60	2	0	2	3	1	10	11	9	13	5	4
	White Mountain Apache Tribe	65	3	0	1	13	9	9	9	7	11	2	1
	Yavapai-Apache Nation	2	0	1	0	0	0	0	1	0	0	0	0
TOTAL	634	16	4	6	54	64	86	90	91	93	73	57	
Resided off reservation	---in Maricopa County	128	6	1	2	10	15	24	25	19	15	6	5
	---in Pima County	40	0	0	0	3	3	7	8	6	6	4	3
	---in Coconino County	21	1	1	0	1	4	0	4	2	4	2	2
	---elsewhere in Arizona	106	2	0	2	8	5	10	16	17	18	10	18
	TOTAL	295	9	2	4	22	27	41	53	44	43	22	28

5.3

AGE-SPECIFIC MORTALITY AMONG AMERICAN INDIAN FEMALES IN 2005

		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		722	27	5	9	32	33	55	98	91	141	115	116
Resided on reservation	Ak-Chin Indian Community	1	0	0	0	0	0	0	1	0	0	0	0
	Cocopah Tribe	3	0	0	0	0	0	0	1	1	1	0	0
	Colorado River Indian Tribes	6	0	0	0	0	0	0	2	2	1	0	1
	Fort McDowell Yavapai Nation	2	0	0	0	0	0	0	0	0	2	0	0
	Fort Mojave Indian Tribe	1	0	0	0	0	0	1	0	0	0	0	0
	Fort Yuma Quechan Tribe	1	0	0	0	0	0	0	0	0	0	1	0
	Gila River Indian Community	48	1	1	0	3	0	3	17	8	7	5	3
	Havasupai Tribe	1	0	0	0	0	0	0	0	0	1	0	0
	Hopi Tribe	23	0	0	0	0	4	0	3	1	3	5	7
	Hualapai Nation	10	0	0	0	1	1	0	3	0	4	1	0
	Navajo Nation	222	4	1	3	9	5	17	17	16	45	41	64
	Pascua Yaqui Tribe	32	3	0	0	1	1	1	7	5	9	5	0
	Salt River Pima-Maricopa Community	7	0	0	1	0	1	1	2	1	1	0	0
	San Carlos Apache Tribe	32	4	0	1	1	0	1	3	6	10	3	3
	Tohono O'Odham Tribe	49	0	0	2	2	4	5	3	10	7	9	7
	White Mountain Apache Tribe	41	2	0	1	6	4	6	2	7	4	6	3
	Yavapai-Apache Nation	3	0	0	0	0	1	0	0	0	2	0	0
Yavapai-Prescott Indian Tribe	1	0	0	0	0	0	0	0	0	0	1	0	
TOTAL	483	14	2	8	23	21	35	61	57	97	77	88	
Resided off reservation	---in Maricopa County	96	5	1	0	2	4	9	20	19	19	12	5
	---in Pima County	28	1	0	1	1	4	3	4	4	3	4	3
	---in Coconino County	27	5	0	0	5	0	3	2	1	5	5	1
	---elsewhere in Arizona	88	2	2	0	1	4	5	11	10	17	17	19
	TOTAL	239	13	3	1	9	12	20	37	34	44	38	28



CAUSE-SPECIFIC MORTALITY

5.4

DEATHS BY GENDER FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2005

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Total, all causes	1,651	929	722
Salmonella infections	0	0	0
Shigellosis and amebiasis	0	0	0
Certain other intestinal infections	1	1	0
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	28	12	16
Syphilis	0	0	0
Acute poliomyelitis	0	0	0
Arthropod-borne encephalitis	0	0	0
Measles	0	0	0
Viral hepatitis	5	4	1
Human immunodeficiency virus (HIV) disease	7	4	3
Malaria	0	0	0
Other and unspecified infectious and parasitic diseases	13	10	3
Malignant neoplasms	177	95	82
Malignant neoplasm of lip, oral cavity and pharynx	5	5	0
Malignant neoplasm of esophagus	5	5	0
Malignant neoplasm of stomach	5	4	1
Malignant neoplasm of colon, rectum and anus	11	6	5
Malignant neoplasm of liver and intrahepatic bile ducts	15	8	7
Malignant neoplasm of pancreas	10	7	3
Malignant neoplasm of larynx	1	1	0
Malignant neoplasm of trachea, bronchus and lung	9	6	3
Malignant melanoma of skin	3	2	1
Malignant neoplasm of breast	13	0	13
Malignant neoplasm of cervix uteri	3	0	3
Malignant neoplasm of corpus uteri and uterus, part unspecified	3	0	3
Malignant neoplasm of ovary	9	0	9
Malignant neoplasm of prostate	9	9	0
Malignant neoplasm of kidney and renal pelvis	13	10	3
Malignant neoplasm of bladder	2	2	0

5.4 (continued)

DEATHS BY GENDER FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2005

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Malignant neoplasm of meninges, brain and other parts of CNS	6	4	2
Malignant neoplasm of lymphoid, hematopoietic and related tissue	21	10	11
Hodgkin's disease	0	0	0
Non-Hodgkin's lymphoma	10	6	4
Leukemia	2	1	1
Multiple myeloma and immunoproliferative neoplasms	9	3	6
Other and unspecified malignant neoplasms of lymphoid tissue	0	0	0
All other and unspecified malignant neoplasm	34	16	18
In situ neoplasms	9	6	3
Anemias	3	2	1
Diabetes	102	46	56
Nutritional deficiencies	4	1	3
Malnutrition	4	1	3
Other nutritional deficiencies	0	0	0
Meningitis	2	0	2
Parkinson's disease	10	5	5
Alzheimer's disease	17	6	11
Major cardiovascular diseases	320	169	151
Diseases of heart	248	141	107
Acute rheumatic fever and chronic rheumatic heart disease	2	1	1
Hypertensive heart disease	17	6	11
Hypertensive heart and renal disease	1	0	1
Ischemic heart disease	164	95	69
Acute myocardial infarction	45	28	17
Other acute ischemic heart disease	3	2	1
Other forms of chronic ischemic heart disease	116	65	51
Atherosclerotic cardiovascular disease	60	35	25
All other forms of chronic ischemic heart disease	56	30	26
Other heart diseases	64	39	25
Acute and subacute endocarditis	2	1	1
Diseases of pericardium and acute myocarditis	2	2	0
Heart failure	12	6	6
All other forms of heart disease	48	30	18
Essential (primary) hypertension and hypertensive renal disease	19	7	12
Cerebrovascular diseases	44	18	26

5.4 (continued)

DEATHS BY GENDER FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2005

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	TOTAL	MALE	FEMALE
Atherosclerosis	2	1	1
Other diseases of circulatory system	7	2	5
Aortic aneurysm and dissection	1	0	1
Other disease of arteries, arterioles and capillaries	6	2	4
Other disorders of circulatory system	2	2	0
Influenza and pneumonia	90	47	43
Influenza	6	2	4
Pneumonia	84	45	39
Other acute lower respiratory infections	0	0	0
Acute bronchiolitis	0	0	0
Unspecified acute lower respiratory infection	0	0	0
Chronic lower respiratory diseases	16	7	9
Bronchitis, chronic and unspecified	1	0	1
Emphysema	0	0	0
Asthma	4	1	3
Other chronic lower respiratory diseases	11	6	5
Pneumoconioses and chemical effects	1	1	0
Pneumonitis due to solids and liquids	24	10	14
Other disease of respiratory system	24	12	12
Peptic ulcer	2	1	1
Diseases of appendix	1	1	0
Hernia	1	0	1
Chronic liver disease and cirrhosis	102	58	44
Alcoholic liver disease	70	45	25
Other chronic liver disease and cirrhosis	32	13	19
Cholelithiasis and other disorders of gallbladder	3	1	2
Nephritis, nephrotic syndrome and nephrosis	45	17	28
Acute and rapidly progressive nephritic and nephrotic syndrome	1	1	0
Chronic glomerulonephritis	0	0	0
Renal failure	44	16	28
Others disorders of kidney	0	0	0
Infections of kidney	0	0	0
Hyperplasia of prostate	0	0	0
Inflammatory diseases of female pelvic organs	0	0	0
Pregnancy, childbirth and the puerperium	1	0	1

5.4 (continued)

DEATHS BY GENDER FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2005

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	14	5	9
Congenital anomalies, deformations and chromosomal abnormalities	20	9	11
Symptoms, signs, abnormal findings	31	18	13
Total accidents	279	198	81
Transport accidents	177	126	51
Motor vehicle accidents	166	116	50
Other land transport accidents	6	5	1
Water, air, space	5	5	0
Nontransport accidents	102	72	30
Falls	16	7	9
Accidental discharge of firearms	4	3	1
Accidental drowning and submersion	9	7	2
Accidental exposure to smoke, fire and flames	4	3	1
Accidental poisoning	23	15	8
Other and unspecified nontransport accidents	47	38	9
Intentional self-harm (suicide)	56	45	11
By discharge of firearms	20	19	1
By other means	36	26	10
Assault (homicide)	44	35	9
By discharge of firearms	23	21	2
By other means	21	14	7
Legal intervention	1	1	0
Events of undetermined intent	17	12	5
Discharge of firearms	2	2	0
Other and unspecified events of undetermined intent	15	10	5
Operations of war	0	0	0
Complications of medical and surgical care	2	1	1
INJURY BY FIREARMS	50	46	4
DRUG-INDUCED DEATHS	29	18	11
ALCOHOL-INDUCED DEATHS	108	67	41

5.5

DEATHS BY AGE GROUP FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2005

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	1,651	52	11	19	108	124	182	241	226	277	210	201
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	1	0	0	0	0	0	0	0	1	0	0	0
Tuberculosis	2	0	0	0	0	0	0	0	1	0	0	1
Respiratory tuberculosis	2	0	0	0	0	0	0	0	1	0	0	1
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	28	1	0	0	2	0	3	5	6	2	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	5	0	0	0	0	0	2	3	0	0	0	0
Human immunodeficiency virus (HIV) disease	7	0	0	0	0	2	2	2	0	1	0	0
Malaria	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases	13	1	1	1	0	0	3	3	3	0	1	0
Malignant neoplasms	177	0	0	1	1	2	13	24	44	40	26	26
Malignant neoplasm of lip, oral cavity and pharynx	5	0	0	0	0	0	0	0	2	3	0	0
Malignant neoplasm of esophagus	5	0	0	0	0	0	0	0	2	2	0	1
Malignant neoplasm of stomach	5	0	0	0	0	0	0	1	0	2	1	1
Malignant neoplasm of colon, rectum and anus	11	0	0	0	0	0	1	4	0	3	1	2
Malignant neoplasm of liver and intrahepatic bile ducts	15	0	0	0	0	0	0	2	5	5	2	1
Malignant neoplasm of pancreas	10	0	0	0	0	0	1	1	3	3	1	1
Malignant neoplasm of larynx	1	0	0	0	0	0	0	0	0	1	0	0
Malignant neoplasm of trachea, bronchus and lung	9	0	0	0	0	0	1	1	1	3	2	1
Malignant melanoma of skin	3	0	0	0	0	0	2	1	0	0	0	0
Malignant neoplasm of breast	13	0	0	0	0	1	2	2	1	4	2	1
Malignant neoplasm of cervix uteri	3	0	0	0	0	0	0	2	0	0	0	1
Malignant neoplasm of corpus uteri and uterus, part unspecified	3	0	0	0	0	0	0	1	1	0	1	0
Malignant neoplasm of ovary	9	0	0	0	0	0	0	2	3	3	1	0
Malignant neoplasm of prostate	9	0	0	0	0	0	0	0	0	0	4	5

5.5 (continued)

DEATHS BY AGE GROUP FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2005

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	13	0	0	0	0	0	0	2	4	2	4	1
Malignant neoplasm of bladder	2	0	0	0	0	0	0	0	1	0	0	1
Malignant neoplasm of meninges, brain and other parts of CNS	6	0	0	1	0	0	1	0	3	0	0	1
Malignant neoplasm of lymphoid, hematopoietic and related tissue	21	0	0	0	1	1	1	1	9	5	2	1
Hodgkin's disease	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	10	0	0	0	0	1	1	0	6	1	1	0
Leukemia	2	0	0	0	1	0	0	0	0	0	0	1
Multiple myeloma and immunoproliferative neoplasms	9	0	0	0	0	0	0	1	3	4	1	0
Other and unspecified malignant neoplasms of lymphoid tissue	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasm	34	0	0	0	0	0	4	4	9	4	5	8
In situ neoplasms	9	0	0	0	0	1	0	3	2	0	1	2
Anemias	3	0	0	0	0	0	0	0	1	0	0	2
Diabetes	102	0	0	0	0	3	5	12	19	40	13	10
Nutritional deficiencies	4	0	0	0	0	0	0	0	0	1	0	3
Malnutrition	4	0	0	0	0	0	0	0	0	1	0	3
Other nutritional deficiencies	0	0	0	0	0	0	0	0	0	0	0	0
Meningitis	2	0	0	0	0	0	0	0	0	0	2	0
Parkinson's disease	10	0	0	0	0	0	0	0	2	0	6	2
Alzheimer's disease	17	0	0	0	0	0	0	0	0	3	3	11
Major cardiovascular diseases	320	1	0	0	2	6	14	43	55	77	72	50
Diseases of heart	248	0	0	0	2	6	11	35	45	62	53	34
Acute rheumatic fever and chronic rheumatic heart disease	2	0	0	0	0	0	0	0	1	0	1	0
Hypertensive heart disease	17	0	0	0	0	2	2	2	4	2	3	2
Hypertensive heart and renal disease	1	0	0	0	0	0	0	0	1	0	0	0
Ischemic heart disease	164	0	0	0	1	2	4	20	29	45	40	23
Acute myocardial infarction	45	0	0	0	0	0	1	3	5	15	16	5
Other acute ischemic heart disease	3	0	0	0	0	0	0	0	1	2	0	0
Other forms of chronic ischemic heart disease	116	0	0	0	1	2	3	17	23	28	24	18
Atherosclerotic cardiovascular disease	60	0	0	0	0	1	1	10	12	13	13	10
All other forms of chronic ischemic heart disease	56	0	0	0	1	1	2	7	11	15	11	8
Other heart diseases	64	0	0	0	1	2	5	13	10	15	9	9
Acute and subacute endocarditis	2	0	0	0	0	0	0	1	1	0	0	0
Diseases of pericardium and acute myocarditis	2	0	0	0	0	1	0	1	0	0	0	0
Heart failure	12	0	0	0	1	0	0	1	0	2	4	4
All other forms of heart disease	48	0	0	0	0	1	5	10	9	13	5	5

5.5 (continued)

DEATHS BY AGE GROUP FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2005

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	19	0	0	0	0	0	1	1	2	4	7	4
Cerebrovascular diseases	44	0	0	0	0	0	2	7	8	11	5	11
Atherosclerosis	2	0	0	0	0	0	0	0	0	0	2	0
Other diseases of circulatory system	7	1	0	0	0	0	0	0	0	0	5	1
Aortic aneurysm and dissection	1	0	0	0	0	0	0	0	0	0	1	0
Other disease of arteries, arterioles and capillaries	6	1	0	0	0	0	0	0	0	0	4	1
Other disorders of circulatory system	2	0	0	0	0	0	0	1	0	1	0	0
Influenza and pneumonia	90	3	0	0	0	0	6	6	10	16	20	29
Influenza	6	0	0	0	0	0	0	0	0	2	1	3
Pneumonia	84	3	0	0	0	0	6	6	10	14	19	26
Other acute lower respiratory infections	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchiolitis	0	0	0	0	0	0	0	0	0	0	0	0
Unspecified acute lower respiratory infection	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases	16	0	0	1	0	0	2	0	4	1	5	3
Bronchitis, chronic and unspecified	1	0	0	0	0	0	0	0	1	0	0	0
Emphysema	0	0	0	0	0	0	0	0	0	0	0	0
Asthma	4	0	0	1	0	0	2	0	0	0	0	1
Other chronic lower respiratory diseases	11	0	0	0	0	0	0	0	3	1	5	2
Pneumoconioses and chemical effects	1	0	0	0	0	0	0	0	0	0	1	0
Pneumonitis due to solids and liquids	24	0	0	0	0	0	1	1	1	9	4	8
Other disease of respiratory system	24	1	0	0	0	0	3	0	3	7	2	8
Peptic ulcer	2	0	0	0	0	0	0	1	0	0	1	0
Diseases of appendix	1	0	0	0	0	0	0	0	1	0	0	0
Hernia	1	0	0	0	0	0	1	0	0	0	0	0
Chronic liver disease and cirrhosis	102	0	0	0	0	10	23	38	17	10	4	0
Alcoholic liver disease	70	0	0	0	0	7	19	28	9	6	1	0
Other chronic liver disease and cirrhosis	32	0	0	0	0	3	4	10	8	4	3	0
Cholelithiasis and other disorders of gallbladder	3	0	0	0	0	0	0	0	1	0	1	1
Nephritis, nephrotic syndrome and nephrosis	45	1	0	0	0	1	3	6	6	15	5	8
Acute and rapidly progressive nephritic and nephrotic syndrome	1	1	0	0	0	0	0	0	0	0	0	0
Chronic glomerulonephritis	0	0	0	0	0	0	0	0	0	0	0	0
Renal failure	44	0	0	0	0	1	3	6	6	15	5	8
Others disorders of kidney	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney	0	0	0	0	0	0	0	0	0	0	0	0
Hyperplasia of prostate	0	0	0	0	0	0	0	0	0	0	0	0

5.5 (continued)

DEATHS BY AGE GROUP FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2005

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	0	1	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	0	1	0	0	0	0	0	0
Perinatal conditions	14	14	0	0	0	0	0	0	0	0	0	0
Congenital anomalies, deformations and chromosomal abnormalities	20	13	2	2	0	0	3	0	0	0	0	0
Symptoms, signs, abnormal findings	31	10	1	0	1	2	5	3	1	3	1	4
Total accidents	279	2	3	8	51	55	59	44	26	20	7	4
Transport accidents	177	0	2	7	40	42	35	28	14	8	1	0
Motor vehicle accidents	166	0	2	7	39	41	33	23	12	8	1	0
Other land transport accidents	6	0	0	0	0	1	1	4	0	0	0	0
Water, air, space	5	0	0	0	1	0	1	1	2	0	0	0
Nontransport accidents	102	2	1	1	11	13	24	16	12	12	6	4
Falls	16	1	0	0	0	1	2	2	3	2	4	1
Accidental discharge of firearms	4	0	0	0	1	2	1	0	0	0	0	0
Accidental drowning and submersion	9	0	0	1	5	0	0	1	0	2	0	0
Accidental exposure to smoke, fire and flames	4	0	0	0	0	0	1	0	0	2	0	1
Accidental poisoning	23	0	1	0	1	3	9	7	2	0	0	0
Other and unspecified nontransport accidents	47	1	0	0	4	7	11	6	7	7	2	2
Intentional self-harm (suicide)	56	0	0	4	23	18	6	3	2	0	0	0
By discharge of firearms	20	0	0	1	7	6	2	2	2	0	0	0
By other means	36	0	0	3	16	12	4	1	0	0	0	0
Assault (homicide)	44	1	1	0	20	12	7	1	1	1	0	0
By discharge of firearms	23	0	0	0	16	4	3	0	0	0	0	0
By other means	21	1	1	0	4	8	4	1	1	1	0	0
Legal intervention	1	0	0	0	0	0	1	0	0	0	0	0
Events of undetermined intent	17	0	1	0	3	2	2	6	1	1	1	0
Discharge of firearms	2	0	1	0	1	0	0	0	0	0	0	0
Other and unspecified events of undetermined intent	15	0	0	0	2	2	2	6	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	2	0	0	0	0	0	0	0	0	2	0	0
INJURY BY FIREARMS	50	0	1	1	25	12	7	2	2	0	0	0
DRUG-INDUCED DEATHS	29	0	0	0	1	5	10	10	3	0	0	0
ALCOHOL-INDUCED DEATHS	108	0	0	1	2	9	28	45	13	9	1	0

5.6

DEATHS BY RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2005

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 Tribes	Fort McDowell Yavapai Nation	Fort Mojave Indian Tribe	Fort Yuma Quechan Tribe	Gila River Indian Community	Havasupai Tribe	Hopi Tribe	Hualapai Nation	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima - Maricopa	San Carlos Apache Tribe	Tohono O'odhamTribe	White Mountain Apache Tribe	Yavapai-Prescott Indian Tribe	Total	in Maricopa County	in Pima County	in Coconino County	elsewhere in Arizona	Total
Total, all causes	1,651	1	6	19	8	3	1	97	1	59	19	512	68	22	80	109	106	5	1	1,117	224	68	48	194
Salmonella infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
Tuberculosis	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0
Respiratory tuberculosis	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0
Other tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Whooping cough	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia	28	0	0	0	0	0	1	0	2	1	8	0	0	3	1	1	0	0	17	7	1	0	3	
Syphilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne encephalitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis	5	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	3	1	0	0	1	0
Human immunodeficiency virus (HIV) disease	7	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	1	2	1	0	
Malaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases	13	0	0	0	0	0	0	0	0	0	2	0	1	4	1	1	0	0	9	4	0	0	0	
Malignant neoplasms	177	1	1	1	0	2	5	0	6	1	56	9	2	6	14	11	0	1	116	23	11	6	21	
Malignant neoplasm of lip, oral cavity and pharynx	5	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2	1	0	0	2	0	
Malignant neoplasm of esophagus	5	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	0	4	0	1	0	0	0	
Malignant neoplasm of stomach	5	0	0	0	0	0	1	0	0	0	3	1	0	0	0	0	0	5	0	0	0	0	0	
Malignant neoplasm of colon, rectum and anus	11	0	0	0	0	0	1	0	1	0	4	0	1	1	0	0	0	8	2	1	0	0	0	
Malignant neoplasm of liver and intrahepatic bile ducts	15	1	0	0	0	1	0	0	0	0	2	0	0	0	2	3	0	9	1	2	1	2	0	
Malignant neoplasm of pancreas	10	0	0	0	0	0	0	0	0	0	3	0	0	1	0	3	0	7	1	1	0	0	1	
Malignant neoplasm of larynx	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	
Malignant neoplasm of trachea, bronchus and lung	9	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	4	3	1	1	0	0	
Malignant melanoma of skin	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	2	
Malignant neoplasm of breast	13	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	6	6	0	1	0	0	
Malignant neoplasm of cervix uteri	3	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	1	
Malignant neoplasm of corpus uteri and uterus, part unspecified	3	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	1	0	0	0	0	
Malignant neoplasm of ovary	9	0	0	0	0	0	0	0	0	0	6	1	0	0	0	0	0	7	0	0	0	0	2	
Malignant neoplasm of prostate	9	0	0	0	0	0	0	0	0	0	4	1	0	0	1	0	0	6	2	0	0	0	1	
Malignant neoplasm of kidney and renal pelvis	13	0	0	0	0	0	0	0	1	0	6	1	0	0	1	0	0	9	0	1	1	1	2	

5.6 (continued)
DEATHS BY RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2005

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 Tribes	Fort McDowell Yavapai Nation	Fort Mojave Indian Tribe	Fort Yuma Quechan Tribe	Gila River Indian Community	Havasupai Tribe	Hopi Tribe	Hualapai Nation	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima - Maricopa	San Carlos Apache Tribe	Tohono O'odhamTribe	White Mountain Apache Tribe	Yavapai-Prescott Indian Tribe	Total	in Maricopa County	in Pima County	in Coconino County	elsewhere in Arizona	Total
Malignant neoplasm of bladder	2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	0	0	0	0	0
Malignant neoplasm of meninges, brain and other parts of CNS	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	2	0	0	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	21	0	0	0	0	1	0	1	0	0	0	5	3	1	2	0	0	0	13	2	2	0	0	4
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	10	0	0	0	0	1	0	0	0	0	0	4	0	0	1	0	0	0	6	2	1	0	0	1
Leukemia	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1
Multiple myeloma and immunoproliferative neoplasms	9	0	0	0	0	0	0	1	0	0	0	1	3	0	1	0	0	0	6	0	1	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	34	0	0	1	0	0	0	1	0	4	0	13	0	0	1	5	2	0	27	1	0	2	0	4
In situ neoplasms	9	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	4	4	0	0	0	1
Anemias	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	2
Diabetes	102	0	1	2	1	1	0	10	1	3	1	25	10	1	9	4	3	1	73	15	1	1	1	12
Nutritional deficiencies	4	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	0	0	0	1	1
Malnutrition	4	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	0	0	0	1	1
Other nutritional deficiencies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningitis	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2	0	0	0	0	0
Parkinson's disease	10	0	0	0	1	0	0	0	0	0	0	7	0	0	0	0	0	0	8	1	0	0	0	1
Alzheimer's disease	17	0	0	1	0	0	0	1	0	1	0	5	1	0	0	1	0	0	0	0	0	0	0	0
Major cardiovascular diseases	320	0	1	1	1	0	1	20	0	12	2	89	14	2	21	22	17	1	0	0	0	0	0	1
Diseases of heart	248	0	1	0	1	0	1	13	0	8	2	69	11	2	17	14	12	1	0	0	0	0	0	0
Acute rheumatic fever and chronic rheumatic heart disease	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1
Hypertensive heart disease	17	0	0	0	0	0	1	4	0	0	0	2	1	0	2	1	1	0	0	0	0	0	0	0
Hypertensive heart and renal disease	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Ischemic heart disease	164	0	1	0	1	0	0	7	0	5	2	52	6	2	9	5	6	1	0	0	0	0	0	0
Acute myocardial infarction	45	0	0	0	0	0	0	2	0	3	1	18	4	0	0	0	1	0	0	0	1	0	0	0
Other acute ischemic heart disease	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Other forms of chronic ischemic heart disease	116	0	1	0	1	0	0	5	0	2	1	33	2	2	9	5	5	1	0	0	0	0	0	0
Atherosclerotic cardiovascular disease	60	0	0	0	1	0	0	1	0	1	0	21	1	1	5	3	0	1	0	1	2	1	1	1
Acute and subacute endocarditis	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
All other forms of chronic ischemic heart disease	56	0	1	0	0	0	0	4	0	1	1	12	1	1	4	2	5	0	0	0	0	0	0	0
Other heart diseases	64	0	0	0	0	0	0	2	0	3	0	14	4	0	6	7	4	0	0	0	0	0	0	0
Acute and subacute endocarditis	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of pericardium and acute myocarditis	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Heart failure	12	0	0	0	0	0	0	0	0	0	0	3	2	0	1	0	1	0	0	0	0	0	1	0
All other forms of heart disease	48	0	0	0	0	0	0	1	0	3	0	10	2	0	4	7	3	0	0	0	1	0	0	0

5.6 (continued)
DEATHS BY RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2005

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 Tribes	Fort McDowell Yavapai Nation	Fort Mojave Indian Tribe	Fort Yuma Quechan Tribe	Gila River Indian Community	Havasupai Tribe	Hopi Tribe	Hualapai Nation	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima - Maricopa	San Carlos Apache Tribe	Tohono O'odhamTribe	White Mountain Apache Tribe	Yavapai-Prescott Indian Tribe	Total	in Maricopa County	in Pima County	in Coconino County	elsewhere in Arizona	Total	
Essential (primary) hypertension and hypertensive renal disease	19	0	0	1	0	0	0	3	0	1	0	6	0	0	1	0	2	0	0	0	0	1	1	1	0
Cerebrovascular diseases	44	0	0	0	0	0	0	2	0	3	0	11	3	0	3	6	2	0	0	0	0	1	0	1	0
Atherosclerosis	2	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0
Other diseases of circulatory system	7	0	0	0	0	0	0	1	0	0	0	3	0	0	1	1	0	0	0	0	6	0	0	1	0
Aortic aneurysm and dissection	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Other disease of arteries, arterioles and capillaries	6	0	0	0	0	0	0	1	0	0	0	3	0	0	1	1	0	0	0	0	6	0	0	0	0
Other disorders of circulatory system	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	
Influenza and pneumonia	90	0	1	0	0	0	0	2	0	7	0	37	2	0	3	7	2	0	0	0	61	9	4	4	12
Influenza	6	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	4	1	0	0	1	
Pneumonia	84	0	1	0	0	0	0	2	0	7	0	33	2	0	3	7	2	0	0	57	8	4	4	11	
Other acute lower respiratory infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchiolitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unspecified acute lower respiratory infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases	16	0	0	2	0	0	0	1	0	0	0	1	0	2	1	1	0	0	0	8	4	1	0	3	
Bronchitis, chronic and unspecified	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	
Emphysema	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asthma	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	0	0	1	
Other chronic lower respiratory diseases	11	0	0	2	0	0	0	1	0	0	0	1	0	0	1	1	0	0	0	6	2	1	0	2	
Pneumoconioses and chemical effects	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	
Pneumonitis due to solids and liquids	24	0	0	0	1	0	0	3	0	0	0	9	0	0	2	4	2	0	0	21	2	1	0	0	
Other disease of respiratory system	24	0	0	0	0	0	0	1	0	1	1	16	1	0	1	0	0	0	0	21	1	0	0	2	
Peptic ulcer	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	
Diseases of appendix	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	
Hernia	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	
Chronic liver disease and cirrhosis	102	0	0	1	2	0	0	8	0	5	4	18	5	2	4	7	8	1	0	65	22	5	0	10	
Alcoholic liver disease	70	0	0	0	1	0	0	5	0	1	2	15	4	2	4	5	6	0	0	45	13	3	0	9	
Other chronic liver disease and cirrhosis	32	0	0	1	1	0	0	3	0	4	2	3	1	0	0	2	2	1	0	20	9	2	0	1	
Cholelithiasis and other disorders of gallbladder	3	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	1	0	0	0	
Nephritis, nephrotic syndrome and nephrosis	45	0	0	2	0	0	0	4	0	1	3	12	4	0	2	5	2	0	0	35	0	1	1	8	
Acute and rapidly progressive nephritic and nephrotic syndrome	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Chronic glomerulonephritis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Renal failure	44	0	0	2	0	0	0	4	0	1	3	12	4	0	2	5	2	0	0	35	0	1	1	7	
Others disorders of kidney	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Infections of kidney	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

5.6 (continued)
DEATHS BY RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2005

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 Tribes	Fort McDowell Yavapai Nation	Fort Mojave Indian Tribe	Fort Yuma Quechan Tribe	Gila River Indian Community	Havasupai Tribe	Hopi Tribe	Hualapai Nation	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima - Maricopa	San Carlos Apache Tribe	Tohono O'odhamTribe	White Mountain Apache Tribe	Yavapai-Prescott Indian Tribe	Total	in Maricopa County	in Pima County	in Coconino County	elsewhere in Arizona	Total
Hyperplasia of prostate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Pregnancy with abortive outcome	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other complications of pregnancy, childbirth and the puerperium	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	
Perinatal conditions	14	0	0	0	0	0	0	0	0	0	4	0	0	4	0	1	0	0	9	3	0	1	1	
Congenital anomalies, deformations and chromosomal abnormalities	20	0	0	0	0	0	1	0	1	0	4	1	0	1	1	3	0	0	12	1	2	3	2	
Symptoms, signs, abnormal findings	31	0	0	0	0	0	1	0	3	0	12	2	1	1	2	3	0	0	25	4	1	0	1	
Total accidents	279	0	1	6	1	0	0	18	0	9	0	97	6	3	8	16	31	1	0	197	31	9	11	31
Transport accidents	177	0	0	3	1	0	0	14	0	7	0	61	3	3	6	13	16	1	0	128	19	2	8	20
Motor vehicle accidents	166	0	0	3	1	0	0	13	0	7	0	57	3	3	4	12	16	1	0	120	19	1	8	18
Other land transport accidents	6	0	0	0	0	0	0	1	0	0	0	1	0	0	2	0	0	0	4	0	1	0	1	
Water, air, space	5	0	0	0	0	0	0	0	0	0	0	3	0	0	1	0	0	0	4	0	0	0	1	
Nontransport accidents	102	0	1	3	0	0	0	4	0	2	0	36	3	0	2	3	15	0	0	69	12	7	3	11
Falls	16	0	1	0	0	0	0	3	0	0	0	4	0	0	1	1	3	0	0	13	0	1	0	2
Accidental discharge of firearms	4	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	1	0	1	
Accidental drowning and submersion	9	0	0	1	0	0	0	0	0	0	0	0	0	0	2	5	0	0	8	1	0	0	0	
Accidental exposure to smoke, fire and flames	4	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	2	1	0	0	
Accidental poisoning	23	0	0	1	0	0	0	0	0	0	0	3	0	0	0	2	0	0	9	8	4	0	2	
Other and unspecified nontransport accidents	47	0	0	1	0	0	0	1	0	2	0	26	0	0	1	1	5	0	0	37	1	0	3	6
Intentional self-harm (suicide)	56	0	0	0	0	0	0	2	0	1	1	17	1	0	3	5	6	0	0	36	8	4	1	7
By discharge of firearms	20	0	0	0	0	0	0	1	0	0	0	7	1	0	0	2	0	0	11	3	1	1	4	
By other means	36	0	0	0	0	0	0	1	0	1	1	10	0	0	3	3	6	0	0	25	5	3	0	3
Assault (homicide)	44	0	0	0	0	0	0	7	0	2	1	10	4	0	2	2	2	1	0	31	7	1	0	5
By discharge of firearms	23	0	0	0	0	0	0	6	0	2	0	2	3	0	0	1	1	0	15	6	1	0	1	
By other means	21	0	0	0	0	0	0	1	0	0	1	8	1	0	2	1	1	1	16	1	0	0	4	
Legal intervention	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Events of undetermined intent	17	0	0	0	0	0	0	4	0	0	0	3	0	1	0	4	0	0	12	3	0	1	1	
Discharge of firearms	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	
Other and unspecified events of undetermined intent	15	0	0	0	0	0	0	3	0	0	0	2	0	1	0	4	0	0	10	3	0	1	1	
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	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	
INJURY BY FIREARMS	50	0	0	0	0	0	0	8	0	2	0	12	4	0	0	3	1	0	30	10	3	1	6	
DRUG-INDUCED DEATHS	29	0	0	1	0	0	0	0	0	0	1	3	3	1	0	2	2	0	13	10	4	0	2	
ALCOHOL-INDUCED DEATHS	108	0	0	1	1	0	0	6	0	1	3	25	4	3	4	8	11	0	67	25	4	0	12	

5.7

DEATHS BY COUNTY OF RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2005

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
Total, all causes	1,651	340	6	168	79	20	0	288	32	324	205	134	1	22	12	20
Salmonella infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis and amebiasis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Certain other intestinal infections	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tuberculosis	2	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Respiratory tuberculosis	2	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Other tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Whooping cough	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scarlet fever and erysipelas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Septicemia	28	4	1	3	4	0	0	7	1	5	2	1	0	0	0	0
Syphilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropod-borne encephalitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral hepatitis	5	0	0	0	0	0	0	1	1	0	2	1	0	0	0	0
Human immunodeficiency virus (HIV) disease	7	3	0	1	0	0	0	1	0	0	2	0	0	0	0	0
Malaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other and unspecified infectious and parasitic diseases	13	2	0	0	2	2	0	5	0	1	1	0	0	0	0	0
Malignant neoplasms	177	37	1	17	3	3	0	30	4	38	27	11	0	3	2	1
Malignant neoplasm of lip, oral cavity and pharynx	5	1	0	0	0	0	0	2	0	1	1	0	0	0	0	0
Malignant neoplasm of esophagus	5	1	0	0	0	0	0	0	0	1	2	1	0	0	0	0
Malignant neoplasm of stomach	5	3	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Malignant neoplasm of colon, rectum and anus	11	1	0	0	1	0	0	3	0	4	1	1	0	0	0	0
Malignant neoplasm of liver and intrahepatic bile ducts	15	1	0	2	0	0	0	1	1	3	4	3	0	0	0	0
Malignant neoplasm of pancreas	10	0	0	2	0	1	0	1	0	4	1	0	0	1	0	0
Malignant neoplasm of larynx	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Malignant neoplasm of trachea, bronchus and lung	9	1	0	1	0	0	0	3	1	1	1	0	0	1	0	0
Malignant melanoma of skin	3	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Malignant neoplasm of breast	13	2	0	1	0	0	0	6	0	2	2	0	0	0	0	0
Malignant neoplasm of cervix uteri	3	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0
Malignant neoplasm of corpus uteri and uterus, part unspecified	3	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0
Malignant neoplasm of ovary	9	4	0	3	0	0	0	1	0	1	0	0	0	0	0	0
Malignant neoplasm of prostate	9	3	0	1	0	0	0	2	1	0	1	1	0	0	0	0
Malignant neoplasm of kidney and renal pelvis	13	5	0	3	0	0	0	0	0	2	3	0	0	0	0	0
Malignant neoplasm of bladder	2	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0

5.7 (continued)

DEATHS BY COUNTY OF RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2005

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
Malignant neoplasm of meninges, brain and other parts of CNS	6	0	0	0	0	0	0	3	0	1	2	0	0	0	0	0
Malignant neoplasm of lymphoid, hematopoietic and related tissue	21	2	0	2	2	0	0	6	1	4	2	1	0	1	0	0
Hodgkin's disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Hodgkin's lymphoma	10	2	0	1	1	0	0	2	1	2	1	0	0	0	0	0
Leukemia	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Multiple myeloma and immunoproliferative neoplasms	9	0	0	1	1	0	0	3	0	1	1	1	0	1	0	0
Other and unspecified malignant neoplasms of lymphoid tissue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All other and unspecified malignant neoplasm	34	9	1	2	0	1	0	1	0	13	4	2	0	0	0	1
In situ neoplasms	9	2	0	1	0	0	0	5	0	1	0	0	0	0	0	0
Anemias	3	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0
Diabetes	102	21	0	8	9	1	0	21	3	12	12	9	0	1	3	2
Nutritional deficiencies	4	1	0	2	0	0	0	0	1	0	0	0	0	0	0	0
Malnutrition	4	1	0	2	0	0	0	0	1	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
Meningitis	2	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0
Parkinson's disease	10	4	0	2	0	0	0	2	0	2	0	0	0	0	0	0
Alzheimer's disease	17	4	0	2	1	0	0	3	1	2	2	1	0	0	0	1
Major cardiovascular diseases	320	61	1	32	26	3	0	55	5	56	43	26	0	8	2	2
Diseases of heart	248	44	1	27	21	3	0	45	5	43	32	18	0	7	2	0
Acute rheumatic fever and chronic rheumatic heart disease	2	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Hypertensive heart disease	17	2	0	1	3	0	0	3	0	0	3	4	0	0	1	0
Hypertensive heart and renal disease	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Ischemic heart disease	164	29	1	20	10	1	0	34	5	34	12	11	0	6	1	0
Acute myocardial infarction	45	7	0	9	0	0	0	7	2	13	3	3	0	1	0	0
Other acute ischemic heart disease	3	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Other forms of chronic ischemic heart disease	116	21	1	11	10	1	0	27	2	20	9	8	0	5	1	0
Atherosclerotic cardiovascular disease	60	13	1	8	7	0	0	14	0	8	5	2	0	2	0	0
All other forms of chronic ischemic heart disease	56	8	0	3	3	1	0	13	2	12	4	6	0	3	1	0
Other heart diseases	64	13	0	6	8	2	0	8	0	7	16	3	0	1	0	0
Acute and subacute endocarditis	2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Diseases of pericardium and acute myocarditis	2	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
Heart failure	12	3	0	2	2	0	0	1	0	1	3	0	0	0	0	0
All other forms of heart disease	48	9	0	4	6	1	0	6	0	6	13	2	0	1	0	0
Essential (primary) hypertension and hypertensive renal disease	19	6	0	2	1	0	0	2	0	4	0	3	0	0	0	1
Cerebrovascular diseases	44	8	0	2	4	0	0	8	0	8	10	2	0	1	0	1

5.7 (continued)

DEATHS BY COUNTY OF RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2005

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
Atherosclerosis	2	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Other diseases of circulatory system	7	3	0	1	0	0	0	0	0	1	0	2	0	0	0	0
Aortic aneurysm and dissection	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Other disease of arteries, arterioles and capillaries	6	3	0	0	0	0	0	0	0	1	0	2	0	0	0	0
Other disorders of circulatory system	2	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Influenza and pneumonia	90	24	1	11	3	1	0	11	0	24	9	4	1	0	1	0
Influenza	6	3	0	0	0	0	0	1	0	2	0	0	0	0	0	0
Pneumonia	84	21	1	11	3	1	0	10	0	22	9	4	1	0	1	0
Other acute lower respiratory infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute bronchiolitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unspecified acute lower respiratory infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic lower respiratory diseases	16	1	0	0	1	0	0	6	0	3	2	1	0	0	0	2
Bronchitis, chronic and unspecified	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Emphysema	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asthma	4	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0
Other chronic lower respiratory diseases	11	1	0	0	1	0	0	2	0	2	2	1	0	0	0	2
Pneumoconioses and chemical effects	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Pneumonitis due to solids and liquids	24	5	0	0	2	0	0	4	0	6	4	3	0	0	0	0
Other disease of respiratory system	24	11	0	4	0	1	0	2	1	4	0	1	0	0	0	0
Peptic ulcer	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Diseases of appendix	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Hernia	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chronic liver disease and cirrhosis	102	11	0	6	3	3	0	30	5	16	14	10	0	3	0	1
Alcoholic liver disease	70	10	0	2	3	3	0	20	3	12	9	7	0	1	0	0
Other chronic liver disease and cirrhosis	32	1	0	4	0	0	0	10	2	4	5	3	0	2	0	1
Cholelithiasis and other disorders of gallbladder	3	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0
Nephritis, nephrotic syndrome and nephrosis	45	8	0	5	1	1	0	2	3	6	8	9	0	0	0	2
Acute and rapidly progressive nephritic and nephrotic syndrome	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Chronic glomerulonephritis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Renal failure	44	8	0	5	1	1	0	2	3	6	8	8	0	0	0	2
Others disorders of kidney	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Infections of kidney	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hyperplasia of prostate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inflammatory diseases of female pelvic organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, childbirth and the puerperium	1	0	0	0	0	0	0	0	0	1	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

5.7 (continued)

DEATHS BY COUNTY OF RESIDENCE FOR SELECTED 113 CAUSES AMONG AMERICAN INDIANS, ARIZONA, 2005

Cause of death (Tenth Revision, International Statistical Classification of Diseases)	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	La Paz
Other complications of pregnancy, childbirth and the puerperium	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Perinatal conditions	14	1	0	2	4	0	0	3	0	4	0	0	0	0	0	0
Congenital anomalies, deformations and chromosomal abnormalities	20	4	0	4	0	1	0	2	0	4	2	2	0	1	0	0
Symptoms, signs, abnormal findings	31	10	0	0	1	0	0	5	0	9	5	1	0	0	0	0
Total accidents	279	63	0	35	9	2	0	37	0	70	29	22	0	3	3	6
Transport accidents	177	36	0	25	7	1	0	24	0	41	17	18	0	3	2	3
Motor vehicle accidents	166	32	0	24	5	1	0	24	0	41	15	16	0	3	2	3
Other land transport accidents	6	0	0	1	2	0	0	0	0	0	1	2	0	0	0	0
Water, air, space	5	4	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Nontransport accidents	102	27	0	10	2	1	0	13	0	29	12	4	0	0	1	3
Falls	16	1	0	2	2	0	0	0	0	5	2	3	0	0	1	0
Accidental discharge of firearms	4	1	0	0	0	0	0	0	0	2	1	0	0	0	0	0
Accidental drowning and submersion	9	0	0	0	0	0	0	2	0	5	1	0	0	0	0	1
Accidental exposure to smoke, fire and flames	4	1	0	0	0	0	0	2	0	0	1	0	0	0	0	0
Accidental poisoning	23	5	0	0	0	0	0	8	0	2	7	0	0	0	0	1
Other and unspecified nontransport accidents	47	19	0	8	0	1	0	1	0	15	1	1	0	0	0	1
Intentional self-harm (suicide)	56	8	1	8	3	0	0	8	2	12	10	4	0	0	0	0
By discharge of firearms	20	4	1	3	0	0	0	3	1	2	4	2	0	0	0	0
By other means	36	4	0	5	3	0	0	5	1	10	6	2	0	0	0	0
Assault (homicide)	44	8	0	1	1	1	0	7	1	7	6	11	0	1	0	0
By discharge of firearms	23	2	0	0	0	0	0	6	0	3	5	7	0	0	0	0
By other means	21	6	0	1	1	1	0	1	1	4	1	4	0	1	0	0
Legal intervention	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Events of undetermined intent	17	2	0	2	0	0	0	5	0	0	2	6	0	0	0	0
Discharge of firearms	2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Other and unspecified events of undetermined intent	15	1	0	2	0	0	0	5	0	0	2	5	0	0	0	0
Operations of war	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Complications of medical and surgical care	2	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
INJURY BY FIREARMS	50	8	1	3	0	0	0	10	1	7	10	10	0	0	0	0
DRUG-INDUCED DEATHS	29	4	0	0	0	0	0	12	1	2	8	1	0	0	0	1
ALCOHOL-INDUCED DEATHS	108	16	0	4	3	3	0	33	4	22	13	8	0	1	0	1

5.8

DEATHS FROM MOTOR VEHICLE-RELATED INJURIES AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE,
GENDER AND AGE GROUP, ARIZONA, 2005

		TOTAL	Resided on reservation											Resided off reservation					
			Colorado River Indian Tribes	Fort McDowell Yavapai Nation	Gila River Indian Community	Hopi Tribe	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Community	San Carlos Apache Tribe	Tohono O'odham Tribe	White Mountain Apache Tribe	Yavapai-Apache Nation	TOTAL	---in Maricopa County	---in Pima County	---in Coconino County	---elsewhere in Arizona	TOTAL
TOTAL	ALL AGES	166	3	1	13	7	57	3	3	4	12	16	1	120	19	1	8	18	46
	1-4	2	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	1
	5-14	7	0	0	1	0	3	0	0	0	1	0	0	5	0	0	0	2	2
	15-24	39	1	0	3	0	12	1	0	0	2	8	0	27	3	0	5	4	12
	25-34	41	0	0	2	3	17	1	2	1	2	2	1	31	5	1	1	3	10
	35-44	33	0	1	2	2	11	0	1	2	3	5	0	27	6	0	0	0	6
	45-54	23	1	0	2	0	8	1	0	0	3	0	0	15	2	0	2	4	8
	55-64	12	1	0	3	2	3	0	0	0	1	1	0	11	1	0	0	0	1
	65-74	8	0	0	0	0	2	0	0	1	0	0	0	3	1	0	0	4	5
75-84	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
M	TOTAL	116	2	1	8	5	45	3	3	4	5	10	0	86	14	1	3	12	30
	5-14	5	0	0	1	0	1	0	0	0	1	0	0	3	0	0	0	2	2
	15-24	24	1	0	0	0	9	1	0	0	1	5	0	17	3	0	1	3	7
	25-34	30	0	0	2	1	14	1	2	1	0	1	0	22	4	1	1	2	8
	35-44	29	0	1	2	2	10	0	1	2	2	4	0	24	5	0	0	0	5
	45-54	15	0	0	1	0	7	1	0	0	1	0	0	10	1	0	1	3	5
	55-64	8	1	0	2	2	2	0	0	0	0	0	0	7	1	0	0	0	1
	65-74	5	0	0	0	0	2	0	0	1	0	0	0	3	0	0	0	2	2
F	ALL AGES	50	1	0	5	2	12	0	0	0	7	6	1	34	5	0	5	6	16
	1-4	2	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	1
	5-14	2	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0
	15-24	15	0	0	3	0	3	0	0	0	1	3	0	10	0	0	4	1	5
	25-34	11	0	0	0	2	3	0	0	0	2	1	1	9	1	0	0	1	2
	35-44	4	0	0	0	0	1	0	0	0	1	1	0	3	1	0	0	0	1
	45-54	8	1	0	1	0	1	0	0	0	2	0	0	5	1	0	1	1	3
	55-64	4	0	0	1	0	1	0	0	0	1	1	0	4	0	0	0	0	0
	65-74	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	3
75-84	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1

5.9

INTENTIONAL SELF-HARM (SUICIDE) AMONG AMERICAN INDIANS BY PLACE OF RESIDENCE,
GENDER AND AGE GROUP, ARIZONA, 2005

		TOTAL	Resided on reservation									Resided off reservation				
			Gila River Indian Community	Hopi Tribe	Hualapai Nation	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	56	2	1	1	17	1	3	5	6	36	8	4	1	7	20
	5-14	4	0	0	0	1	0	0	2	1	4	0	0	0	0	0
	15-24	23	1	0	0	7	1	1	3	2	15	3	2	0	3	8
	25-34	18	0	1	1	6	0	2	0	3	13	2	1	1	1	5
	35-44	6	1	0	0	1	0	0	0	0	2	3	0	0	1	4
	45-54	3	0	0	0	1	0	0	0	0	1	0	0	0	2	2
	55-64	2	0	0	0	1	0	0	0	0	1	0	1	0	0	1
M	ALL AGES	45	1	0	0	14	1	3	3	5	27	8	3	1	6	18
	5-14	2	0	0	0	1	0	0	1	0	2	0	0	0	0	0
	15-24	20	1	0	0	5	1	1	2	2	12	3	2	0	3	8
	25-34	15	0	0	0	6	0	2	0	3	11	2	0	1	1	4
	35-44	4	0	0	0	0	0	0	0	0	0	3	0	0	1	4
	45-54	2	0	0	0	1	0	0	0	0	1	0	0	0	1	1
	55-64	2	0	0	0	1	0	0	0	0	1	0	1	0	0	1
F	ALL AGES	11	1	1	1	3	0	0	2	1	9	0	1	0	1	2
	5-14	2	0	0	0	0	0	0	1	1	2	0	0	0	0	0
	15-24	3	0	0	0	2	0	0	1	0	3	0	0	0	0	0
	25-34	3	0	1	1	0	0	0	0	0	2	0	1	0	0	1
	35-44	2	1	0	0	1	0	0	0	0	2	0	0	0	0	0
	45-54	1	0	0	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, 2005

		TOTAL	Resided on reservation										Resided off reservation			
			Gila River Indian Community	Hopi Tribe	Hualapai Nation	Navajo Nation	Pascua Yaqui Tribe	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	TOTAL	44	7	2	1	10	4	2	2	2	1	31	7	1	5	13
	<1	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0
	1-4	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0
	15-24	20	4	2	1	3	2	1	0	1	0	14	4	1	1	6
	25-34	12	1	0	0	5	0	1	1	1	0	9	2	0	1	3
	35-44	7	1	0	0	1	1	0	1	0	0	4	1	0	2	3
	45-54	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0
	55-64	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	65-74	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0
M	TOTAL	35	7	2	0	9	3	2	2	1	1	27	6	0	2	8
	1-4	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0
	15-24	17	4	2	0	3	2	1	0	1	0	13	3	0	1	4
	25-34	10	1	0	0	5	0	1	1	0	0	8	2	0	0	2
	35-44	5	1	0	0	0	1	0	1	0	0	3	1	0	1	2
	45-54	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0
	65-74	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0
F	TOTAL	9	0	0	1	1	1	0	0	1	0	4	1	1	3	5
	<1	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0
	15-24	3	0	0	1	0	0	0	0	0	0	1	1	1	0	2
	25-34	2	0	0	0	0	0	0	0	1	0	1	0	0	1	1
	35-44	2	0	0	0	1	0	0	0	0	0	1	0	0	1	1
	55-64	1	0	0	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, 2005

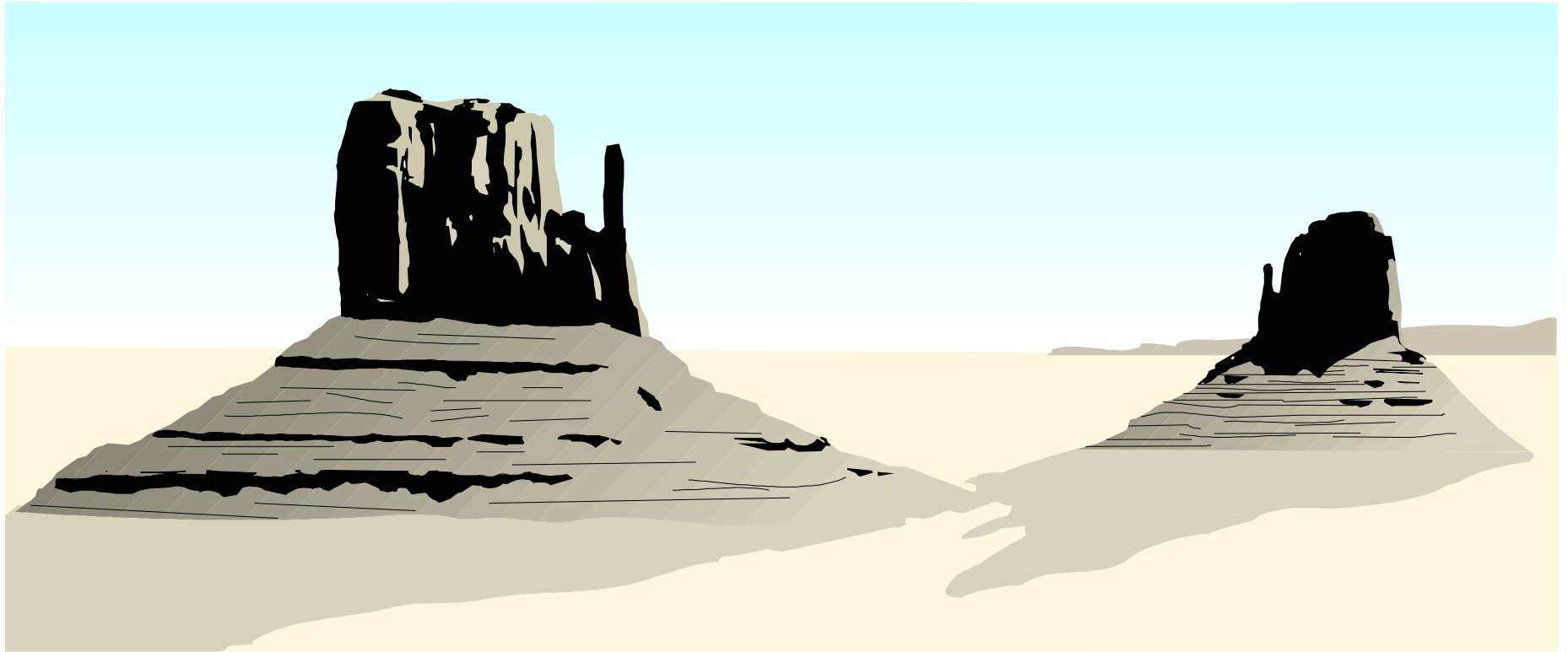
	TOTAL	Resided on reservation																Resided off reservation					
		Cocopah Tribe	Colorado River Indian Tribes	Fort McDowell Yavapai Nation	Fort Mojave Indian Tribe	Gila River Indian Community	Havasupai Tribe	Hopi Tribe	Hualapai Nation	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa 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	205	1	5	2	1	17	1	7	3	52	16	5	15	11	6	2	144	31	4	4	22	61
	25-34	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	3
	35-44	11	0	0	0	1	1	0	0	1	2	0	0	1	1	0	0	7	3	0	0	1	4
	45-54	30	0	3	0	0	3	0	1	2	8	3	2	1	0	0	1	24	2	2	0	2	6
	55-64	42	1	0	0	0	4	0	1	0	7	5	0	6	0	3	0	27	10	2	1	2	15
	65-74	73	0	1	2	0	5	1	2	0	17	5	3	7	6	2	1	52	13	0	1	7	21
	75-84	28	0	1	0	0	4	0	1	0	10	2	0	0	2	0	0	20	0	0	1	7	8
	85+	17	0	0	0	0	0	0	2	0	8	1	0	0	2	0	0	13	2	0	0	2	4
M	TOTAL	103	0	5	0	0	7	0	5	1	27	6	3	9	7	4	1	75	15	1	2	10	28
	25-34	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	2
	35-44	8	0	0	0	0	1	0	0	1	2	0	0	1	1	0	0	6	2	0	0	0	2
	45-54	15	0	3	0	0	1	0	1	0	3	0	1	1	0	0	1	11	2	1	0	1	4
	55-64	20	0	0	0	0	1	0	1	0	7	2	0	4	0	1	0	16	2	0	0	2	4
	65-74	34	0	1	0	0	3	0	1	0	5	3	2	3	3	2	0	23	7	0	1	3	11
	75-84	10	0	1	0	0	1	0	1	0	5	0	0	0	1	0	0	9	0	0	0	1	1
	85+	13	0	0	0	0	0	0	1	0	5	1	0	0	2	0	0	9	2	0	0	2	4
F	ALL AGES	102	1	0	2	1	10	1	2	2	25	10	2	6	4	2	1	69	16	3	2	12	33
	25-34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	35-44	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	2
	45-54	15	0	0	0	0	2	0	0	2	5	3	1	0	0	0	0	13	0	1	0	1	2
	55-64	22	1	0	0	0	3	0	0	0	0	3	0	2	0	2	0	11	8	2	1	0	11
	65-74	39	0	0	2	0	2	1	1	0	12	2	1	4	3	0	1	29	6	0	0	4	10
	75-84	18	0	0	0	0	3	0	0	0	5	2	0	0	1	0	0	11	0	0	1	6	7
	85+	4	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	4	0	0	0	0	0

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 (102 in 2005) 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, 2005

		TOTAL	Resided on reservation											Resided off reservation				
			Colorado River Indian Tribes	Fort McDowell Yavapai Nation	Gila River Indian Community	Hopi Tribe	Hualapai Nation	Navajo Nation	Pascua Yaqui Tribe	Salt River Pima-Maricopa Community	San Carlos Apache Tribe	Tohono O'odham Tribe	White Mountain Apache Tribe	TOTAL	---in Maricopa County	---in Pima County	---elsewhere in Arizona	TOTAL
TOTAL	ALL AGES	108	1	1	6	1	3	25	4	3	4	8	11	67	25	4	12	41
	5-14	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
	15-24	2	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	1
	25-34	9	0	1	0	0	1	2	0	0	0	0	2	6	3	0	0	3
	35-44	28	1	0	1	0	2	6	1	2	1	2	4	20	4	3	1	8
	45-54	45	0	0	4	1	0	11	1	0	1	4	4	26	10	1	8	19
	55-64	13	0	0	0	0	0	4	1	0	2	1	0	8	5	0	0	5
	65-74	9	0	0	1	0	0	1	1	0	0	1	1	5	2	0	2	4
75-84	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
M	TOTAL	67	1	1	3	1	3	16	2	2	3	5	7	44	13	3	7	23
	15-24	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
	25-34	6	0	1	0	0	1	2	0	0	0	0	0	4	2	0	0	2
	35-44	20	1	0	1	0	2	4	0	2	1	0	3	14	3	2	1	6
	45-54	25	0	0	1	1	0	6	1	0	0	4	3	16	4	1	4	9
	55-64	9	0	0	0	0	0	2	1	0	2	1	0	6	3	0	0	3
	65-74	5	0	0	1	0	0	1	0	0	0	0	1	3	1	0	1	2
	75-84	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
F	ALL AGES	41	0	0	3	0	0	9	2	1	1	3	4	23	12	1	5	18
	5-14	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
	15-24	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	25-34	3	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1
	35-44	8	0	0	0	0	0	2	1	0	0	2	1	6	1	1	0	2
	45-54	20	0	0	3	0	0	5	0	0	1	0	1	10	6	0	4	10
	55-64	4	0	0	0	0	0	2	0	0	0	0	0	2	2	0	0	2
	65-74	4	0	0	0	0	0	0	1	0	0	1	0	2	1	0	1	2



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	2005 population of American Indians	2005 deaths among American Indians	Age-specific rates for American Indians in 2005	2000 standard	Age-adjusted rate for American Indians in 2005
A	B	C	D (C/B)*100000	E	F D*E
<1	5753	52	903.9	.013818	12.5
1-4	22948	11	47.9	.055317	2.7
5-14	66977	19	28.4	.145565	4.1
15-24	53582	108	201.6	.138646	27.9
25-34	42557	124	291.4	.135573	39.5
35-44	40891	182	445.1	.162613	72.4
45-54	27462	241	877.6	.134834	118.3
55-64	15900	226	1421.4	.087247	124.0
65-74	9640	277	2873.4	.066037	189.8
75-84	4442	210	4727.6	.044842	212.0
85+	1532	201	13120.1	.015508	203.5
	291684	1651		TOTAL	1,006.6

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-I49,151	415-417,424-427,429.0-429.1,429.3-42	81,829	87,303	0.9373	0.0014	0.2	0.9345	0.9401
Essential (primary) hypertension and hypertensive renal disease	I10,I12	401,403	11,958	10,684	1.1192	0.0050	0.4	1.1094	1.1291
Cerebrovascular diseases	I60-I69	430-434,436-438	137,264	129,640	1.0588	0.0008	0.1	1.0572	1.0604
Atherosclerosis	I70	440	13,894	14,417	0.9637	0.0025	0.3	0.9588	0.9686
Other diseases of circulatory system	I71-I78	441-448	18,239	19,289	0.9456	0.0021	0.2	0.9414	0.9498
Aortic aneurysm and dissection	I71	441	12,216	12,201	1.0012	0.0010	0.1	0.9992	1.0032
Other diseases of arteries, arterioles and capillaries	I72-I78	442-448	6,023	7,088	0.8497	0.0053	0.6	0.8394	0.8601
Other disorders of circulatory system	I80-I99	451-459	2,984	2,899	1.0293	0.0172	1.7	0.9956	1.0631
Influenza and pneumonia	J10-J18	480-487	50,526	72,371	0.6982	0.0018	0.3	0.6947	0.7016
Influenza	J10-J11	487	572	567	1.0088	0.0073	0.7	0.9945	1.0231
Pneumonia	J12-J18	480-486	49,954	71,804	0.6957	0.0018	0.3	0.6922	0.6992
Other acute lower respiratory infections	J20-J22	466	346	355	0.9746	0.0392	4.0	0.8978	1.0515
Acute bronchitis and bronchiolitis	J20-J21	466	265	355	0.7465	0.0264	3.5	0.6947	0.7983

See footnotes at end of table.

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

Cause of death (Based on the Tenth Revision, International Classification of Diseases, 1992)	Category codes according to the Tenth Revision (ICD-10)	Category codes according to the Ninth Revision (ICD-9)	Number of deaths allocated according to		Estimated comparability ratio	Standard error	Relative standard error	95-percent confidence limits	
			Tenth Revision	Ninth Revision				Lower	Upper
Unspecified acute lower respiratory infection	J22	- - -	*	*	*	*	*	*	*
Chronic lower respiratory diseases	J40-J47	490-494,496	94,326	90,022	1.0478	0.0009	0.1	1.0460	1.0496
Bronchitis, chronic and unspecified	J40-J42	490-491	913	2,320	0.3935	0.0107	2.7	0.3726	0.4145
Emphysema	J43	492	14,369	14,774	0.9726	0.0031	0.3	0.9666	0.9786
Asthma	J45-J46	493	4,217	4,718	0.8938	0.0061	0.7	0.8819	0.9057
Other chronic lower respiratory diseases	J44, J47	494,496	74,827	68,210	1.0970	0.0014	0.1	1.0943	1.0998
Pneumoconioses and chemical effects	J60-J66, J68	500-506	860	845	1.0178	0.0099	1.0	0.9983	1.0372
Pneumonitis due to solids and liquids	J69	507	10,183	9,104	1.1185	0.0048	0.4	1.1092	1.1279
Other diseases of respiratory system	J00-J06, J30-J39, J67, J70-J98	034.0,460-465,470-478,495,508-519	16,656	14,269	1.1673	0.0052	0.4	1.1572	1.1774
Peptic ulcer	K25-K28	531-534	3,574	3,686	0.9696	0.0045	0.5	0.9608	0.9784
Diseases of appendix	K35-K38	540-543	209	202	1.0347	0.0242	2.3	0.9873	1.0820
Hernia	K40-K46	550-553	658	633	1.0395	0.0154	1.5	1.0094	1.0696
Chronic liver disease and cirrhosis	K70, K73-K74	571	21,688	20,920	1.0367	0.0027	0.3	1.0314	1.0420
Alcoholic liver disease	K70	571.0-571.3	10,147	9,965	1.0183	0.0050	0.5	1.0085	1.0281
Other chronic liver disease and cirrhosis	K73-K74	571.4-571.9	11,541	10,955	1.0535	0.0041	0.4	1.0454	1.0615
Cholelithiasis and other disorders of gallbladder	K80-K82	574-575	1,725	1,803	0.9567	0.0060	0.6	0.9450	0.9685
Nephritis, nephrotic syndrome and nephrosis	N00-N07, N17-N19, N25-N27	580-589	24,939	20,242	1.2320	0.0044	0.4	1.2234	1.2407
Acute and rapidly progressive nephritic and nephrotic syndrome	N00-N01, N04	580-581	161	249	0.6466	0.0342	5.3	0.5796	0.7136
Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified	N02-N03, N05-N07, N26	582-583, 587	468	1,213	0.3858	0.0144	3.7	0.3575	0.4141
Renal failure	N17-N19	584-586	24,290	18,758	1.2949	0.0050	0.4	1.2852	1.3047
Other disorders of kidney	N25, N27	588-589	20	22	0.9091	0.0867	9.5	0.7392	1.0790
Infections of kidney	N10-N12, N13.6, N15.1	590	731	726	1.0069	0.0144	1.4	0.9786	1.0352
Hyperplasia of prostate	N40	600	326	327	0.9969	0.0159	1.6	0.9658	1.0280
Inflammatory diseases of female pelvic organs	N70-N76	614-616	63	64	0.9844	0.0410	4.2	0.9040	1.0648
Pregnancy, childbirth and the puerperium	O00-O99	630-676	*	*	*	*	*	*	*
Pregnancy with abortive outcome	O00-O07	630-639	*	*	*	*	*	*	*
Other complications of pregnancy, childbirth and the puerperium	O10-O99	640-676	*	*	*	*	*	*	*
Certain conditions originating in the perinatal period	P00-P96	760-771.2, 771.4-779	10,184	9,555	1.0658	0.0033	0.3	1.0593	1.0724
Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	740-759	5,950	7,025	0.8470	0.0055	0.6	0.8362	0.8577
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	780-799	16,940	17,732	0.9553	0.0034	0.4	0.9487	0.9620
All other diseases (Residual)	Residual	Residual	109,853	122,107	0.8996	0.0015	0.2	0.8968	0.9025
Accidents (unintentional injuries)	V01-X59, Y85-Y86	E800-E869, E880-E929	31,084	30,163	1.0305	0.0014	0.1	1.0278	1.0333
Transport accidents	V01-V99, Y85	E800-E848, E929.0, E929.1	17,547	17,586	0.9978	0.0006	0.1	0.9966	0.9990
Motor vehicle accidents	V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82, 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. 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	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	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	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	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	F10,G31.2,G62.1,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.

¹Included in selected categories.

Source: National vital statistics reports; vol 49 no 8.

National Center for Health Statistics. 2001.



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	
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
NAVAJO NATION	Apache	Steam Boat
		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	
	Toyeyi	
	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
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SALT RIVER PIMA-MARICOPA INDIAN COMMUNITY	Maricopa	Salt River Reservation
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SAN CARLOS APACHE TRIBE	Gila	Coolidge Dam
		Cutter
		Peridot
		San Carlos
	Graham	Seneca
		Bylas
<hr/>		
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
		Piata Vaya
		Pipyak
		Pisinemo
		Pitoikam
		Queens Well
		Quijotoa
		San Luis
		San Miguel
		San Pedro
San Xavier		
Santa Cruz		
Santa Rosa		
Santa Rosa Ranch		
Sells		
Sikul Himatk		
Sil Nakya		

TRIBAL COMMUNITIES OF AMERICAN INDIANS IN ARIZONA (continued)

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

Our Web site at <http://www.azdhs.gov/plan> provides instantaneous access to a wide range of statistical information about health status of Arizonans. The [Arizona Health Status and Vital Statistics](#) annual report examines trends in natality, mortality and morbidity towards established health objectives. Additional reports and studies include *Differences in Health Status by Race/Ethnic Group*, *Advance Vital Statistics by County of Residence*, *Mortality from Alzheimer's Disease*, *Injury Mortality among Arizona Residents* (accidents, suicides, homicides, legal intervention, firearm-related fatalities, drug-related deaths, drowning deaths), *Community Vital Statistics*, *Teenage Pregnancy*, *Selected Characteristics of Newborns and Mothers Giving Birth by Census Tract* in Maricopa County, Pima County and South Phoenix Area, *Health Status Profile of American Indians in Arizona* and *Deaths from Exposure to Excessive Natural Heat Occurring in Arizona*.



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