



**DIFFERENCES
IN THE HEALTH STATUS
AMONG RACE/ETHNIC
GROUPS
ARIZONA, 2009**



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

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Arizona Department of Health Services

HEALTH STATUS AND VITAL STATISTICS SECTION
BUREAU OF PUBLIC HEALTH STATISTICS
ARIZONA DEPARTMENT OF HEALTH SERVICES

150 North 18th Avenue, Suite 550

Phoenix, Arizona 85007

Phone: 602/542-7333; FAX: 602/542-2940

www.azdhs.gov/plan

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Differences in the Health Status Among Race/Ethnic Groups, Arizona, 2009

BY

CHRISTOPHER K. MRELA, PH.D., *ARIZONA VITAL STATISTICIAN*
CLARE TORRES, *SENIOR HEALTH DATA ANALYST*

December 2010

Acknowledgment

Grateful acknowledgement is made to Richard S. Porter for reviewing the typescript.

Differences in the Health Status Among Race/Ethnic Groups, Arizona, 2009

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PURPOSE

The report *Differences in the Health Status Among Race/Ethnic Groups, Arizona, 2009* is the update of population-level data about differences in the relative health of five race/ethnic groups residing in Arizona: White non-Hispanics, Hispanics or Latinos, Blacks or African-Americans, American Indians or Alaska Natives and Asians or Pacific Islanders including Hawaiians.

The report compares the relative standing of race/ethnic groups on 70 indicators or measures of health status. The indicators are presented in a series of simple, self-explanatory bar charts and 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) PATTERNS OF PREMATURE MORTALITY and (9) THE INCIDENCE OF REPORTABLE DISEASES.

Each bar chart visually describes how the race/ethnic group compares to other groups and the overall State level for each indicator. These graphic representations are found in *Comparative Measures of Health Status by Race/Ethnicity in 2009* while the tabulated values also are available in the *Rates and Ratios in 2009* and *Comparative Rates and Ratios for 2000-2009* sections of the report.

The report also provides comparative risk profiles, as well as scores and rankings of race/ethnic groups on each of the 70 health status measures. The comparisons of rates and ratios, as well as scores and rankings are intended to give some sense of the inequalities in health status among race/ethnic groups in our State and to stimulate viable initiatives to improve the health of **all** Arizonans.

DEMOGRAPHIC PROFILE OF ARIZONA'S RACE/ETHNIC DIVERSITY

The racial and ethnic composition of the population has important consequences for the State's health status because many measures of disease and disability differ significantly by race and ethnicity. Among the estimated 6,595,778 Arizona residents in 2009, approximately 3,980,073 (60.3 percent) were White non-Hispanic, 1,835,276 (27.8 percent) were Hispanic or Latino, and 346,080 (5.2 percent) were American Indian or Alaska Natives. Blacks or African Americans accounted for 260,432 or 3.9 percent of the State's population. Asians or Pacific Islanders, the smallest race/ethnic group, represented 2.6 percent of the total population (173,917 people).

It is important to note that the population denominators for 2009 are not exact enumerations of the State's residents in different race/ethnic, gender, or age group categories. These denominators are extrapolations, which use past experience, and are not adjusted for the impact of economic and legal factors, which were previously absent. The most severe economic recession in 80 years obviously is one of these factors. The high rate of foreclosures, many built but vacant houses, high unemployment, the collapse of the home construction business, etc. have impacted not only vital events (such as the number of resident births) but also in-and-out migration. Implementation of the employer-sanction law on January 1st, 2008 (a penalty on employers hiring illegal immigrants), and a widespread practice of e-verify (checking the legal-residence status of those seeking employment) affected Hispanics or Latinos, the second largest group of State's residents. Compared to population projections for 2007-2009, the 2010 Census is likely to show a decline in the number of Hispanic or Latino residents of Arizona.

Compared with the White non-Hispanics, the race/ethnic minority groups have had greater percentages of people younger than 25 years (50.2 vs. 29.1 percent). In contrast, people aged 65 years and older accounted for 17.5 percent of White non-Hispanics, but only 4.7 percent of all race/ethnic minority groups combined. Among Arizonans 25 years old or younger in 2009, one out of two (48.3 percent) was other than White non-Hispanic. Among Arizona's older adults 65 years old or older, nine out of ten (87.3 percent) were White non-Hispanic (**Table A**).

Table A. POPULATION BY AGE GROUP AND RACE/ETHNICITY, ARIZONA, 2009

POPULATION BY AGE GROUP IN 2009	All groups	White non-Hispanic	Other than White non-Hispanic*				
			Total	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
< 25 years	2,347,872	1,127,004	1,220,868	880,018	114,010	164,725	62,115
Percent	35.6%	28.3%	46.7%	48.0%	43.8%	47.6%	35.7%
25-64 years	3,390,633	2,141,196	1,249,437	864,364	126,392	159,054	99,627
Percent	51.4%	53.8%	47.8%	47.1%	48.5%	46.0%	57.3%
65+ years	857,273	711,873	145,400	90,894	20,030	22,301	12,175
Percent	13.0%	17.9%	5.6%	5.0%	7.7%	6.4%	7.0%
Total, all ages**	6,595,778	3,980,073	2,615,705	1,835,276	260,432	346,080	173,917
Percent	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Note: The estimated total population of Arizona in 2009 (6,595,778) agrees with the U.S. Census Bureau estimate released in December 2009 (Table 1. Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2009; ST-EST2009-01; available online at <http://www.census.gov/popest/states/tables/NST-EST2009-01.xls>). The percentages of population breakdowns by age, race/ethnicity, gender, and county of residence were derived from our own population denominator database for 2008. These percentages were then applied to the estimated total state population for 2009 from the U.S. Census Bureau. The size of the population <1 year of age was adjusted down, to correspond with a substantial decrease in the number of resident births in 2009.

Similar to the differences in the age composition is the contrasting pattern of proportional mortality by age group. In 2009, the elderly (65 years and older) comprised 76.4 percent of the total mortality among White non-Hispanics, compared to 42.6 percent among American Indians, 49.1 percent among Blacks, 50.5 percent among Hispanics, and 63.8 percent among Asians. One out of sixty-two White non-Hispanics who died in 2009 was less than 25 years old (1.6 percent). In contrast, persons younger than 25 years of age accounted for one out of every ten (9.9 percent) deaths among Arizona race/ethnic minorities:

Table B. MORTALITY BY AGE GROUP AND RACE/ETHNICITY, ARIZONA, 2009

MORTALITY BY AGE GROUP IN 2009:	All groups	White non-Hispanic	Other than White non-Hispanic *				
			Total	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
< 25 years	1,473	570	897	543	129	192	33
Percent	3.3%	1.6%	9.9%	10.1%	9.7%	10.3%	7.0%
25-64 years	11,472	7,903	3,491	1,922	550	882	137
Percent	25.5%	22.1%	38.5%	35.6%	41.2%	47.2%	29.2%
65+ years	32,119	27,356	4,686	2,936	655	796	299
Percent	71.3%	76.4%	51.6%	54.4%	49.1%	42.6%	63.8%
Total, all ages**	45,064	35,829	9,074	5,401	1,334	1,870	469
Percent	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

*Includes other groups than Hispanic, Black, American Indian, and Asian.

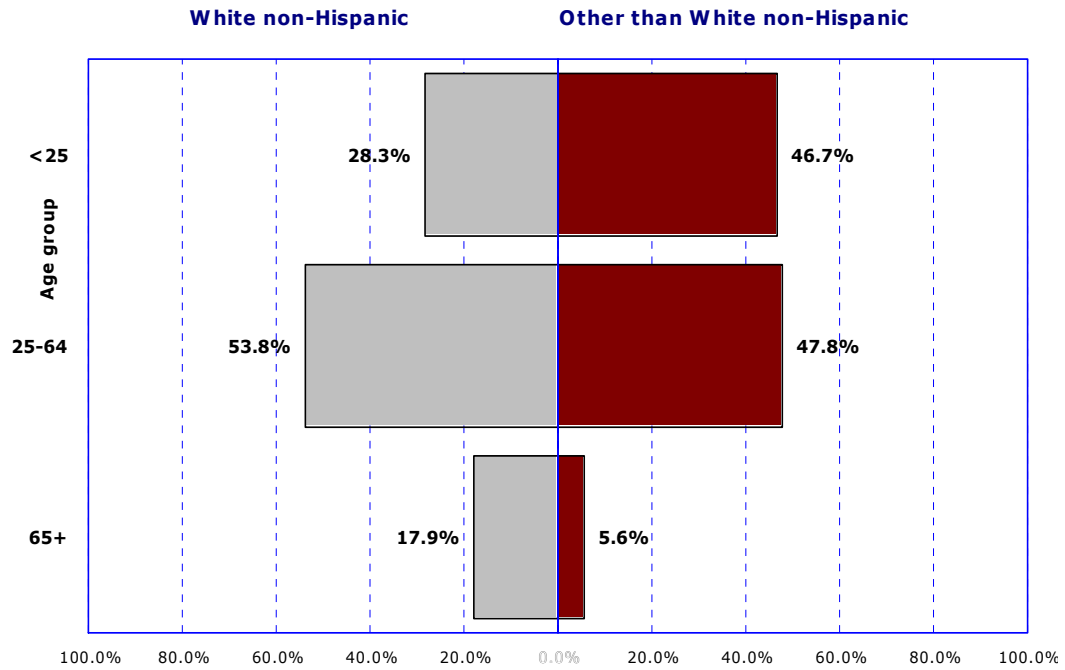
**Includes unknown age.

Source: The 2009 death certificate file for Arizona residents.

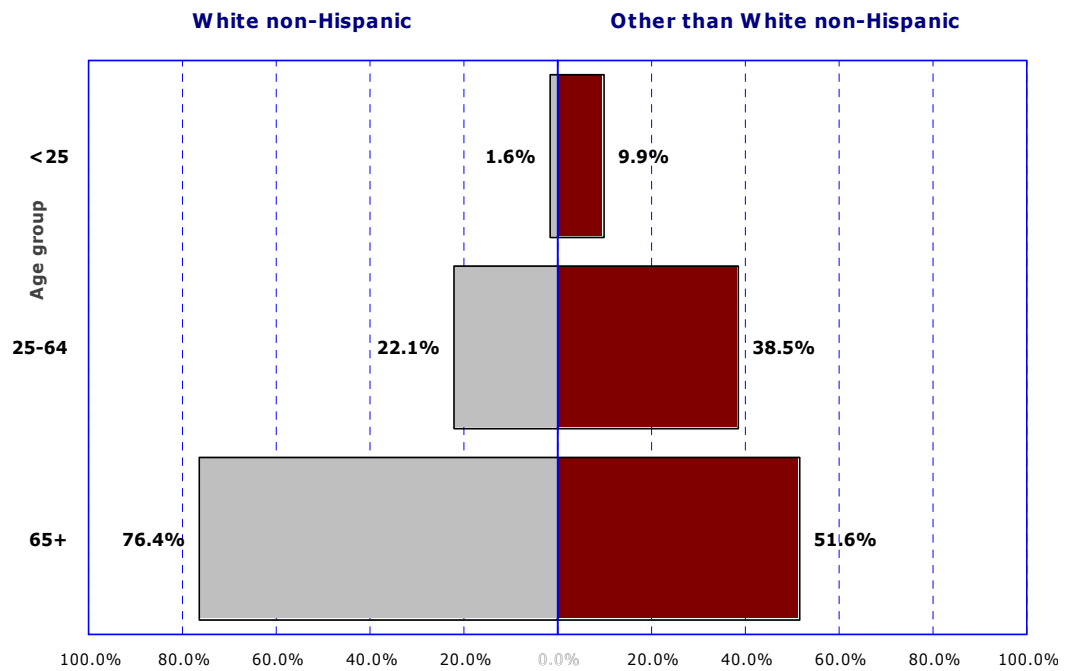
In 2009, the absolute majority of deaths of American Indian (57.4 percent) and Black (50.9 percent) residents of Arizona occurred before the age of 65 years, compared to 23.6 percent among White non-Hispanics.

Graphic representations of the contrasting patterns in age-specific mortality and in the age composition of the population are provided below:

Percent distribution of population by age group and race/ethnicity, Arizona, 2009



Percent distribution of deaths by age group and race/ethnicity, Arizona, 2009



METHODS

The 70 indicators presented in this report are individual measures of the various dimensions or facets of health status. By calculating overall scores and rankings it is possible to provide a summary measure representing a relative standing of each race/ethnic group on a broad range of health status issues.

Scores indicate the percentage a race/ethnic group is above or below the statewide average. Each score is calculated as follows:

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

Scores may have positive (+) or negative (-) values. The above formula produces a score of 0.0 for a group with the same value as the statewide average. A negative score indicates better than average standing on an indicator. A positive score indicates worse than average standing on an indicator.*

It is important to note that the unit of analysis in this report is the race/ethnic group. The aggregate measures of health status (such as teen pregnancy rate, infant mortality rate, mortality rate for drug-induced deaths or the incidence of low-birthweight, etc.) apply to groups and not individuals. In addition, this is a study of the relative, not absolute healthiness of race/ethnic groups. The highest ranking group is not problem-free, it is comparatively better.

The rates and ratios presented in sections 1-4 and 7-9 of **Comparative Measures of Health Status by Race/Ethnicity** and **Rates and Ratios for 2000-2009** are directly comparable to the previously published rates and ratios for 1995, 1997, and 1999. However, the cause-specific mortality rates in section 5 and section 6 CANNOT BE compared to cause-specific mortality rates published in prior editions of this report. This is because beginning with the 2000 data year in Arizona (1999 nationally) two major changes have occurred that affect the computation of mortality rates and analyses of mortality data over time. First, a new revision of the International Classification of Diseases (ICD), used to classify causes of death, was implemented. The Tenth Revision (ICD-10) has replaced the Ninth Revision (ICD-9), which was in effect since 1979. Second, 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 set of age-adjustment weights uses the projected year 2000 U.S. population as a standard. Both changes have profound effects on the comparability of mortality data and continuity in statistical trends. Age-adjusted rates can only be compared to other age-adjusted rates that use the same population standard. In this report, ALL age-adjusted mortality rates are based on the (new) 2000 standard, and they CANNOT BE compared to rates using the 1940 standard population.

Beginning with the 2005 edition of the report, the median age at death replaced the arithmetic mean age at death as one of the measures of premature mortality (indicators 8-1, 8-2 and 8-3). The median age is higher than the arithmetic mean age in negatively skewed distributions.**

Prior editions of this report were published for the 1995, 1997, 1999, 2001 and 2003 data years. This report uses the same methodology as the 1997, 1999, 2001, 2003, and 2007 editions, so that average scores and average ranks (but not mortality rates published before 2000) are directly comparable.

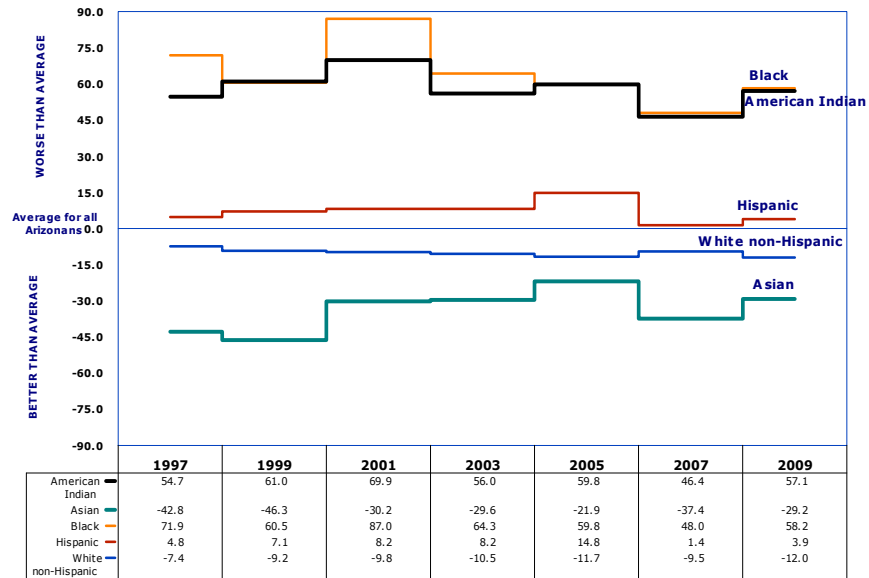
*For consistency, the signs + and - for scores indicating the median age at death as higher or lower than the statewide average were reversed (indicators 8-1, 8-2, 8-3). Otherwise, a higher-than-average median age at death would indicate worse than average standing on this indicator.

** A comparison of the median with the mean age at death in Arizona by race/ethnicity, gender and year for 1999-2009 is available in Table 2D-1 of "Arizona Health Status and Vital Statistics 2009" report at <http://www.azdhs.gov/plan/report/ahs/ahs2009/pdf/2d1.pdf>

KEY FINDINGS

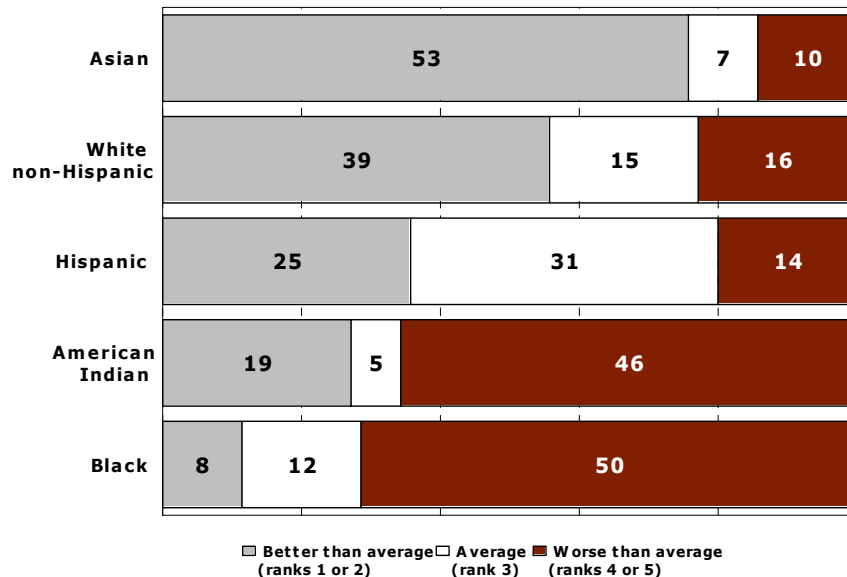
The inequity between the groups, as measured by the range of score values from the lowest (the most favorable standing among the groups) to the highest (the least favorable standing), increased from 81.7 points in 2005 to 87.4 in 2009 (**Figure A**). The average score for Blacks worsened from 48.0 in 2007 to 58.2 in 2009 and was the highest among race/ethnic groups. Compared to a score of -7.4 in 1997, the average score for White non-Hispanics improved to -12.0 in 2009. In contrast, the average score for American Indians worsened from 46.4 in 2007 to 57.1 in 2009. Both Asians and Hispanics had average scores in 2009 that were worse when compared to their average scores in 2007 (**Figure A**).

Figure A
Comparison of Average Scores by Race/Ethnicity in 1997, 1999, 2001, 2003, 2005, 2007, and 2009



In 2009, as in prior years, Arizona's Asian residents ranked best among race/ethnic groups in the overall health status, followed by White non-Hispanics, Hispanics, American Indians, and Blacks (**Figure B**).

Figure B
Number of Times Each Group Ranked Better Than Average, Average, and Worse than Average on 70 Indicators, Arizona 2009

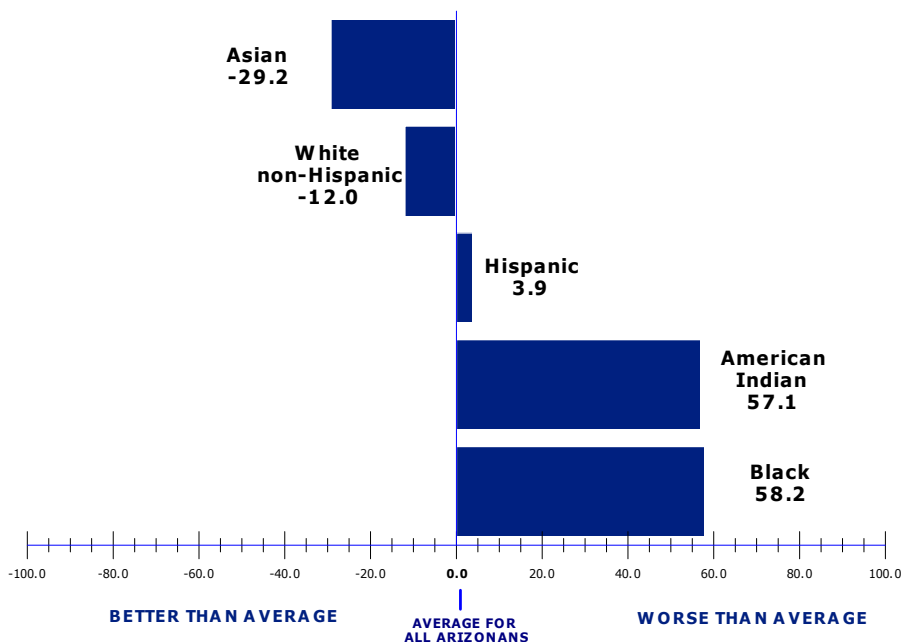


The total scores based on all 70 measurements ranged from -2,045.4 for Asians to 4,072.1 for Blacks or African Americans. The difference in the average scores for White non-Hispanics and Hispanics narrowed from 26.5 points in 2005 (-11.7 and 14.8) to 10.9 points in 2007 (-9.5 and 1.9) and then increased to 15.9 points in 2009 (-12.0 and 3.9; **Figure A**). The total scores for American Indians (3,998.6) and Blacks (4,072.1) differed by a mere 1.8 percent.

Figure C

Average Scores in 2009

(A score is a percent above or below the average for all Arizona residents.
A negative score reflects better than average standing on an indicator.)



ASIANS or PACIFIC ISLANDERS

Average rank: 1.9* **Total score: -2,045.4** **Average score: -29.2****

In 2009, Asian residents of Arizona ranked best or second best among race/ethnic groups on 53 of 70 indicators, including measures of utilization of prenatal care services, low infant mortality, low incidence of teen pregnancies, and reportable diseases. Asians median age at death was the second highest among the race/ethnic groups in Arizona in 2009. Asians also had the lowest risk of injury mortality in motor vehicle accidents, as well as drug-induced deaths and firearm-related mortality. In 2009, not a single Asian or Pacific Islander of the State died from human immunodeficiency virus (HIV) disease. However, following an improvement in their overall score from -21.9 in 2005 to -37.4 in 2007, the 2009 average score of -29.2 signified no further improvement. The rate of fall-related deaths jumped from 3.9 in 2000 to 10.8 in 2009 (See **Comparative Rates and Ratios for 2000-2009**). The total mortality rate of 472.8 deaths per 100,000 Asian or Pacific Islander residents of the State was the lowest rate among the race/ethnic groups, but it was the highest rate for Asians since 2005. So were the mortality rates for cancer, chronic lower respiratory diseases, diabetes, and fall-related injuries.

*The average rank based on all 70 measurements (the sum of the ranks divided by 70 measurements. Ranks range between 1 = the highest rank of health indicators and 5 = the lowest rank of health indicators).

**The average score based on all 70 measurements (the sum of all scores divided by 70 measurements). See section SCORES IN 2009.

WHITE NON-HISPANICS

Average rank: 2.6

Total score: -837.2

Average score: -12.0

White non-Hispanics ranked second best in the relative healthiness among race/ethnic groups in Arizona. They ranked No.1 or No.2 on 39 of 70 measures of health, including low teen pregnancy rates, high utilization of prenatal care and low premature mortality. However, in the use of tobacco among women giving birth, as well as in the incidence of genital herpes during pregnancy and in mortality rates for chronic lower respiratory diseases, as well as Alzheimer's disease, White non-Hispanics ranked worst among race/ethnic groups. The White non-Hispanic overall score of -12.0 in 2009 was their best score since 1997. It reflects consistent improvements in teen pregnancy rates, as well as mortality rates for cardiovascular diseases in general (and coronary heart disease and stroke in particular), cancer, and HIV disease. The total mortality rate 647.3 deaths/100,000 in 2009 was the lowest mortality rate of White non-Hispanics in 1990-2009 (based on Table 2B-3 in the "**Arizona Health Status and Vital Statistics 2009**" report).

HISPANICS or LATINOS

Average rank: 2.9

Total score: 272.1

Average score: +3.9

In 2009, as in 2007, 2003, 2001, 1999, and 1997, Hispanics achieved a 3rd place health ranking. The average score of Hispanics decreased from a recent peak of 14.8 in 2005 to 3.9 in 2009. Hispanics ranked in the middle of five groups on 31 of 70 measures of health. They ranked best or second best on 25 indicators in 2009, an increase from 21 indicators in 2007. They ranked worse than average with high teen pregnancy rates and high premature mortality. They ranked better than average with low suicide mortality rate, low alcohol, and tobacco use among women giving birth, low incidence of preterm births and postneonatal mortality. It is true that the average score more than doubled from 1.4 in 2007 to 3.9 in 2009. However, both scores reflect a rather narrow gap between the statewide averages and the rates or ratios specific to Hispanics. **Comparative Rates and Ratios for 2000-2009** provide detailed picture of changes over time for all of the 70 measures.

AMERICAN INDIANS or ALASKA NATIVES

Average rank: 3.7

Total score: 3,998.6

Average score: +57.1

In 2009, American Indians in Arizona had the second highest average score among all groups and second lowest rank of overall health status. They ranked 5th or 4th 46 times on 70 indicators (**Figure B**), and they exceeded the statewide averages by a wider margin than any other group except Blacks (**Figure C**). American Indians ranked poorly on measures of maternal lifestyle and health as well as in utilization of prenatal care. High incidence of alcohol use during pregnancy and high infant mortality, alcoholism, diabetes, motor vehicle accidents and mortality from unintentional injuries contributed to the premature death rate. In 2009, compared to White non-Hispanics, on average American Indian residents of Arizona were 19 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.

BLACKS or AFRICAN AMERICANS

Average rank: 4.0

Total score: 4,072.1

Average score: +58.2

Compared to the average score of 87.0 for Arizona Black or African American residents in 2001, their scores in 2003 - 2009 were substantially lower. Despite this improvement, Blacks or African Americans had the lowest rank of overall health status because they ranked 5th or 4th among the five race/ethnic groups on 50 of 70 measures (see **Figure B**). No other race/ethnic group exceeded the statewide averages by a wider margin than Blacks. High infant mortality rate, high ratios of low birthweight and very low birthweight births, high incidence of many reportable diseases, high mortality rates for almost all of the leading causes of death and high rate of premature death all lowered the ranking for this population group. However, Blacks or African Americans ranked better than average with low mortality rates for chronic liver disease and cirrhosis, and fall-related injuries.

COMPARATIVE CAUSE-SPECIFIC MORTALITY

In 2009, diseases of the heart were the leading cause of death for three of the five race/ethnic groups in Arizona: American Indians, Blacks or African Americans, and Hispanics or Latinos (**Figure D**). Cancer was the number one cause among Asians or Pacific Islanders and White non-Hispanics. Unintentional injury was the third leading cause of death only for American Indians and Hispanics. For Asians and Blacks, stroke was the 3rd leading cause of death in 2009. Diabetes was among the top five causes of death among American Indians, Blacks and Hispanics, but not among Asians or White non-Hispanics. Alzheimer's disease was the fifth leading cause of death only among Asians and White non-Hispanics. Chronic liver disease and cirrhosis was the fifth leading cause of death specific to American Indians. Chronic lower respiratory diseases were the third leading cause of death specific to White non-Hispanics.

Figure D
Comparative Age-Adjusted Mortality Rates for the Five Leading Causes of Death by Race/Ethnicity in Arizona in 2009

Rank	Asian or Pacific Islander	American Indian or Alaska Native	Black or African American	Hispanic or Latino	White non-Hispanic
1	Cancer 108.1	Diseases of heart 125.8	Diseases of heart 171.3	Diseases of heart 130.5	Cancer 151.1
2	Diseases of heart 96.7	Cancer 113.3	Cancer 153.1	Cancer 128.4	Diseases of heart 147.5
3	Stroke 39.2	Unintentional injury 92.6	Stroke 42.8	Unintentional injury 35.3	Chronic lower respiratory diseases 45.0
4	Unintentional injury 24.5	Diabetes 54.2	Unintentional injury 36.5	Stroke 33.8	Unintentional injury 43.3
5	Alzheimer's disease 18.1	Chronic liver disease and cirrhosis 54.0	Diabetes 31.1	Diabetes 28.1	Alzheimer's disease 30.4

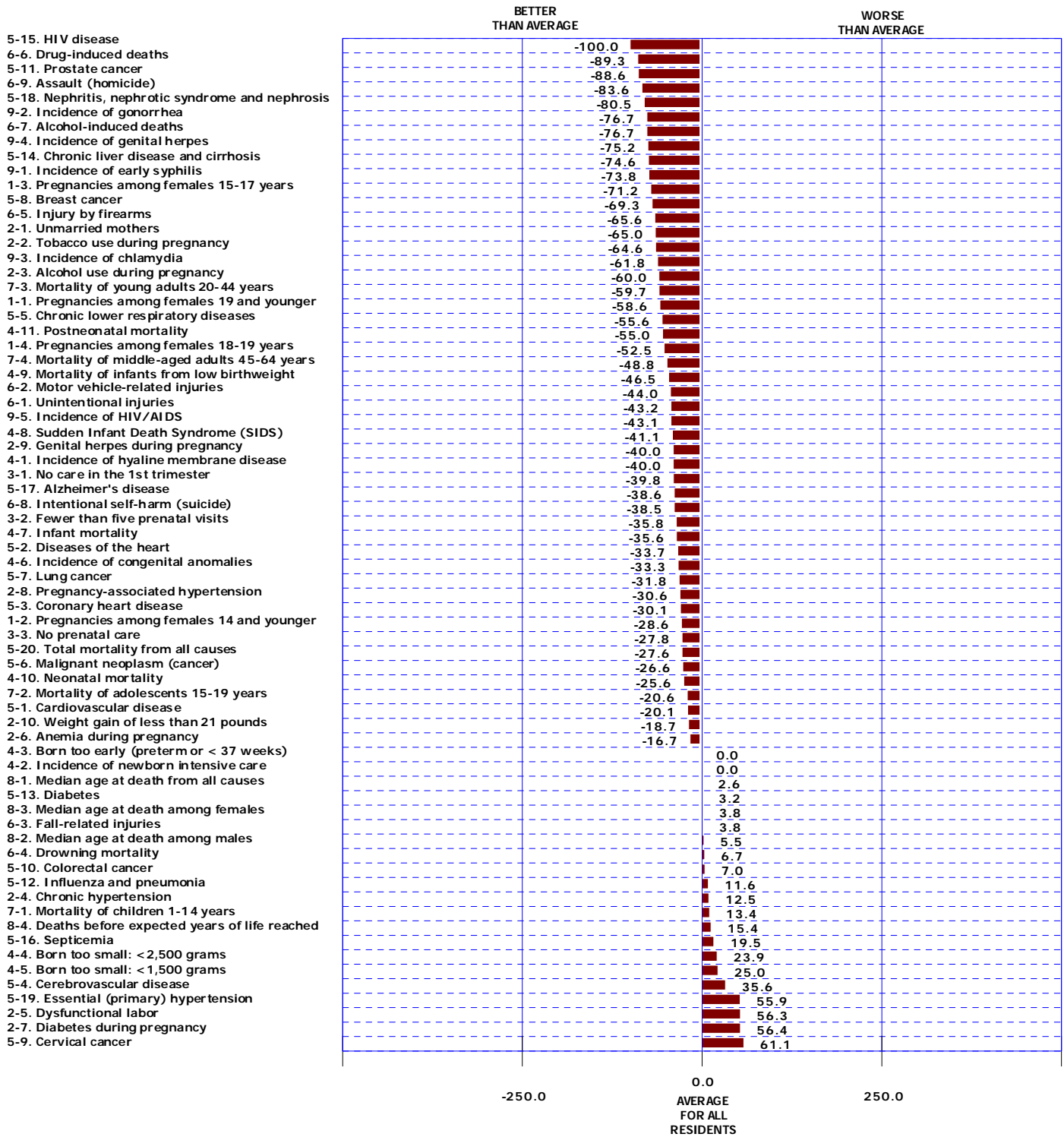
COMPARATIVE RATES AND RATIOS FOR 2000 and 2009

The 140 bar charts provide both a snapshot of differences between the race/ethnic groups in Arizona in 2009, as well as a measure of change since 2000. A more detailed comparisons over time are available in a special section of the report (**Comparative Rates and Ratios for 2000 – 2009**), which documents the race/ethnicity-specific changes by year from 2000 through 2009 on the 70 health status measures.

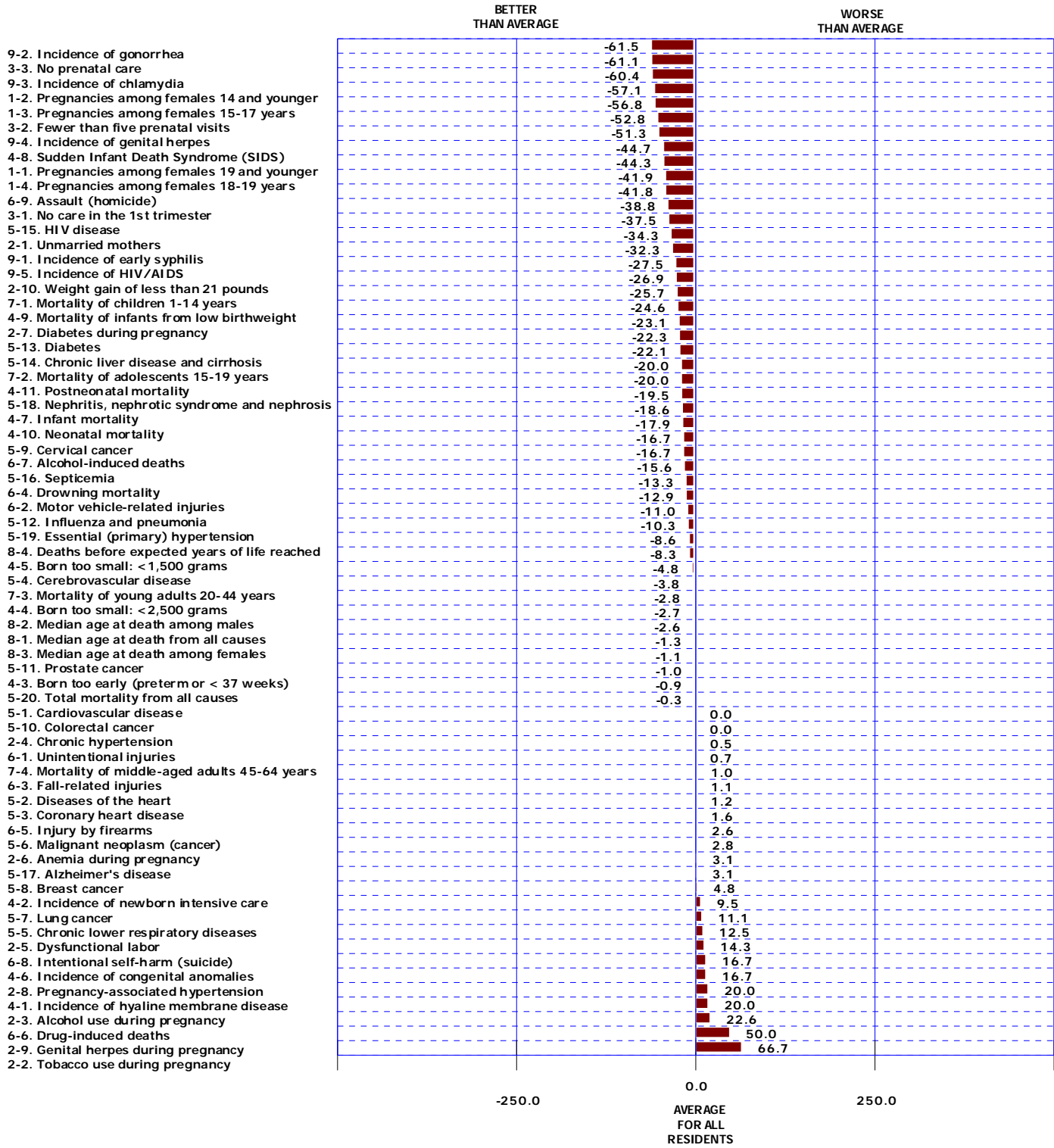
RISK PROFILES

Risk profiles presented on the following pages summarize how each race/ethnic group compares to the State average for the entire set of measures of health status. These profiles use scores, which were developed to describe the level of each of the 70 measures for each race/ethnic group in comparison to the average level for all groups. The profiles visually describe the better-than-average and worse-than-average clusters of health status characteristics for each race/ethnic group.

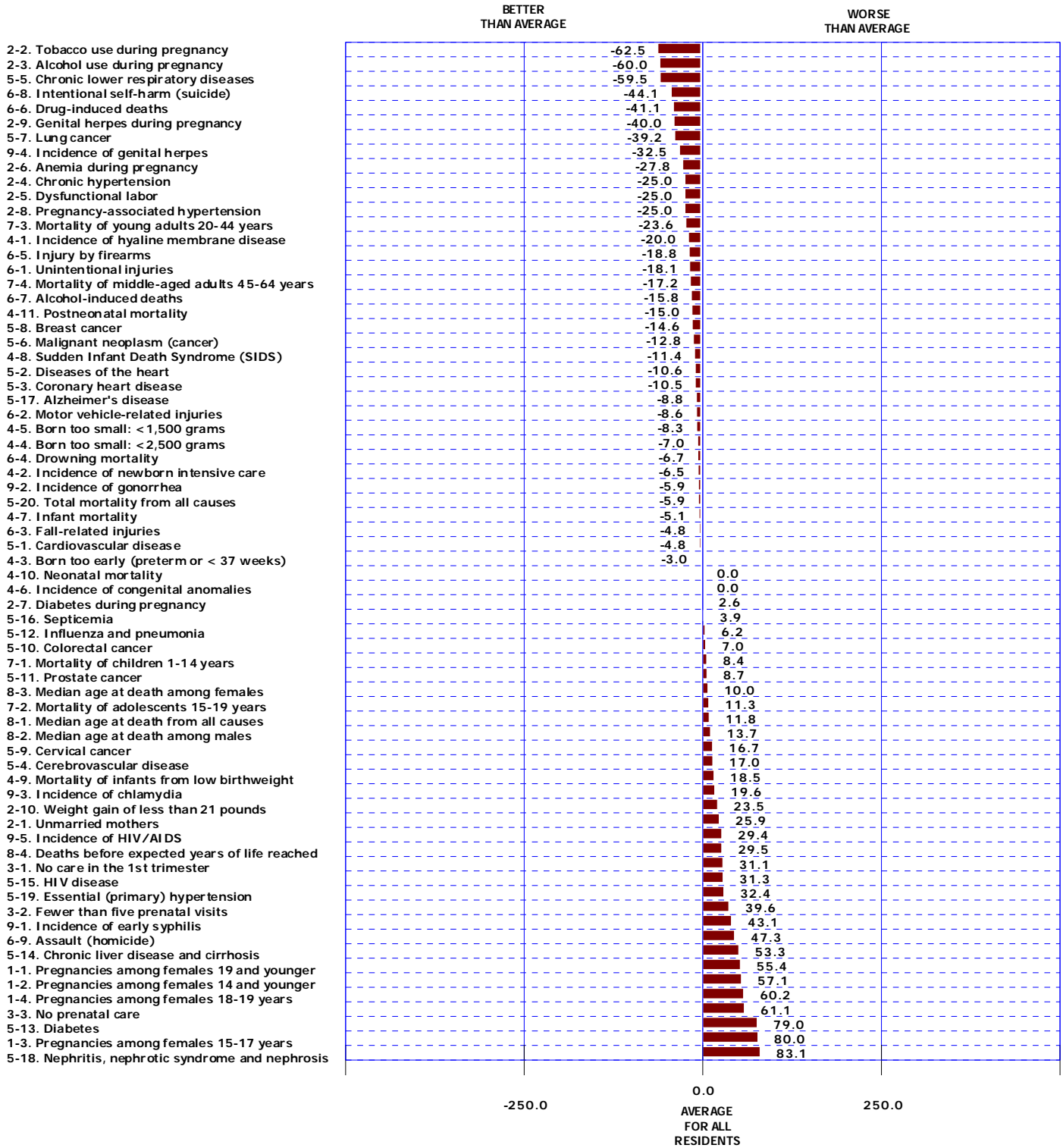
Risk Profile of Asian or Pacific Islander (percent above or below the State mean)



Risk Profile of White non-Hispanic (percent above or below the State mean)



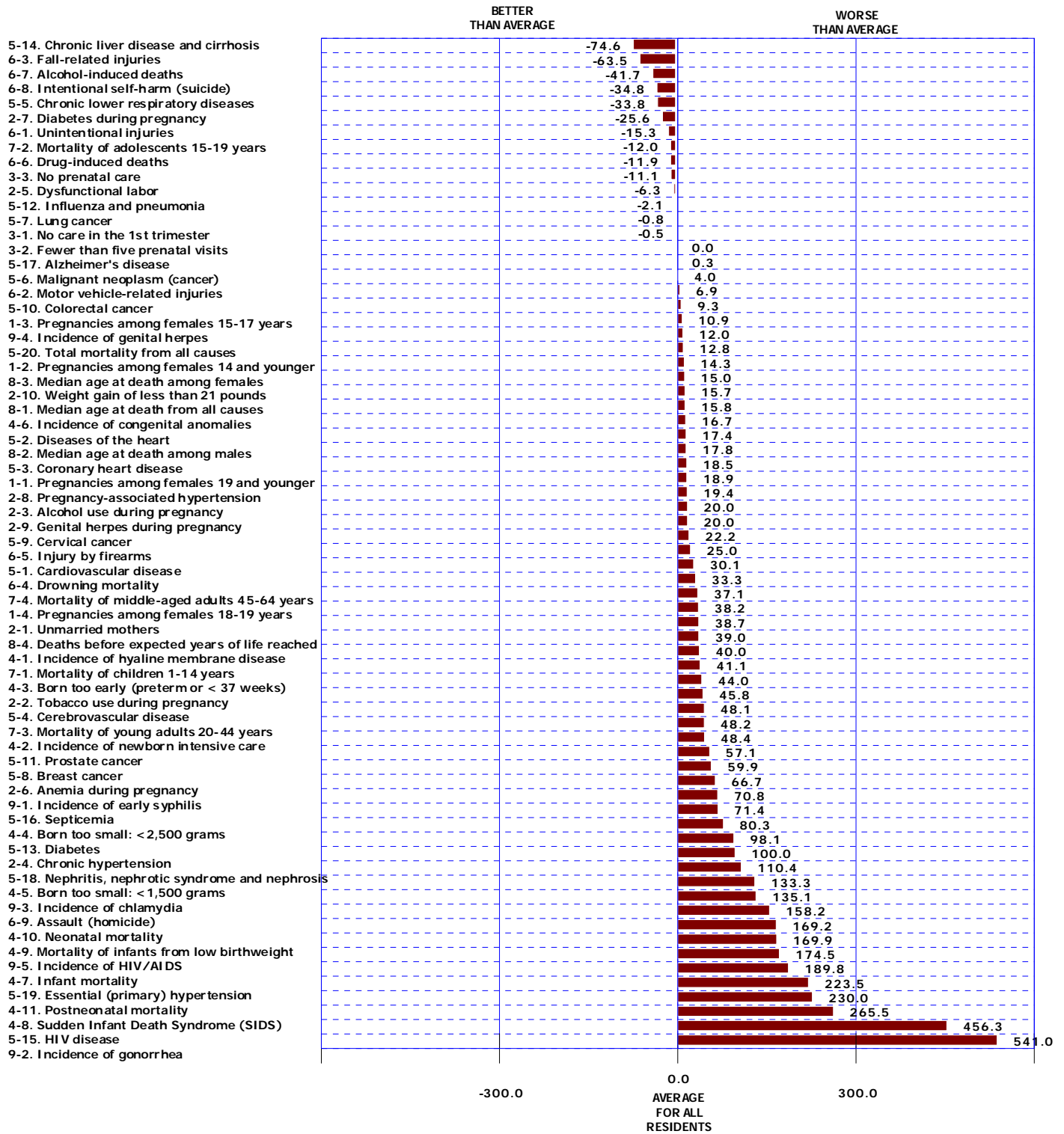
Risk Profile of Hispanic or Latino (percent above or below the State mean)



Risk Profile of American Indian or Alaska Native (percent above or below the State mean)



Risk Profile of Black or African American (percent above or below the State mean)



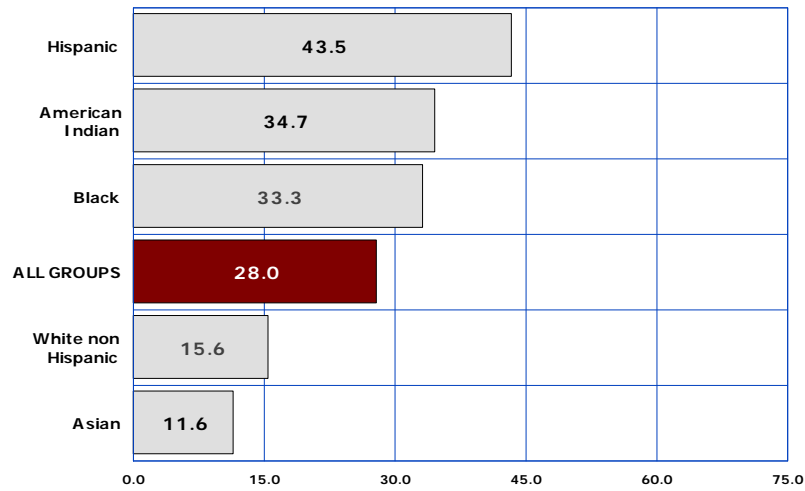
**COMPARATIVE MEASURES
OF HEALTH STATUS BY
RACE/ETHNICITY
IN 2009**

1 Teen Pregnancies

- 1-1 Pregnancies Among Females 19 or Younger
- 1-2 Pregnancies Among Females 14 or Younger
- 1-3 Pregnancies Among Females 15-17 Years Old
- 1-4 Pregnancies Among Females 18-19 Years Old

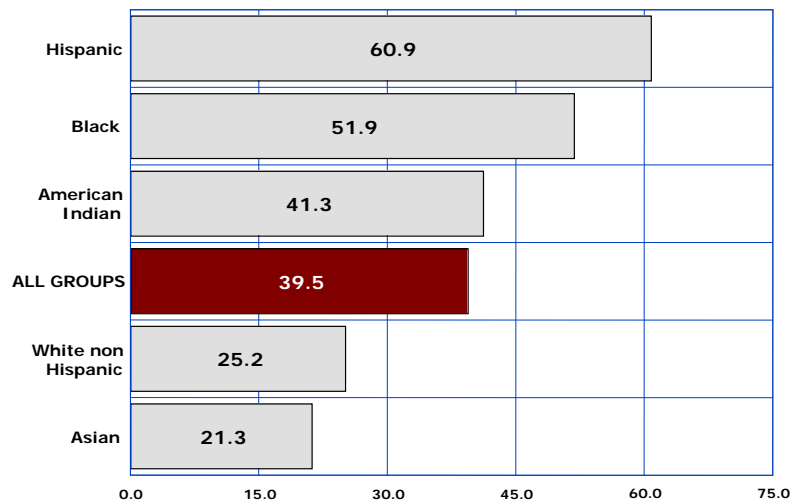
1-1 PREGNANCIES AMONG FEMALES 19 OR YOUNGER

2009



Number of pregnancies per 1,000 females 10-19 years old in specified group.

2000

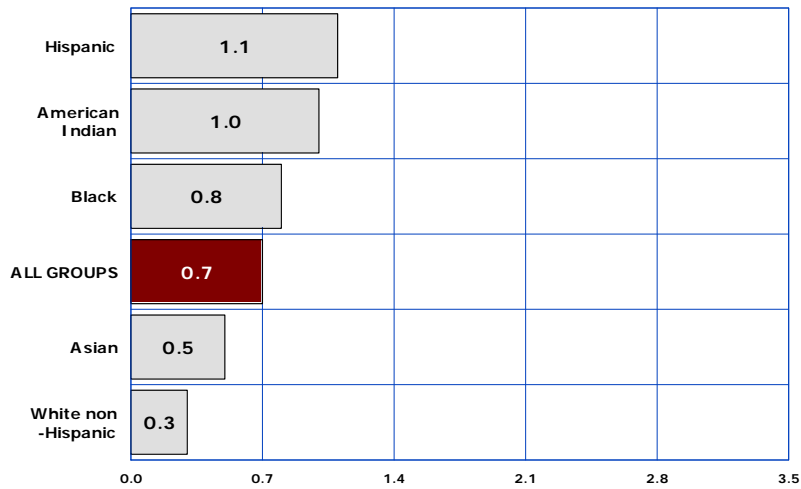


Number of pregnancies per 1,000 females 10-19 years old in specified group.

COMPARATIVE RATES FOR 2000 AND 2009						
Rate per 1,000 females by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	39.5	25.2	60.9	51.9	41.3	21.3
2009	28.0	15.6	43.5	33.3	34.7	11.6
% change from 2000	-29.1	-38.1	-28.6	-35.8	-16.0	-45.5

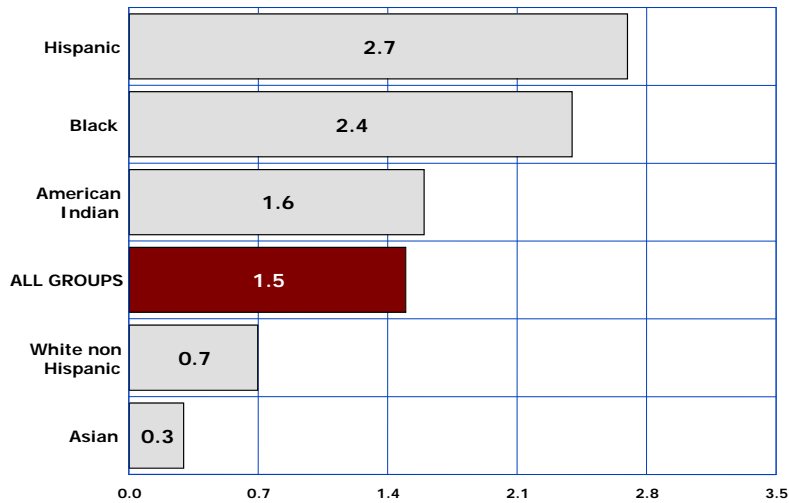
1-2 PREGNANCIES AMONG FEMALES 14 OR YOUNGER

2009



Number of pregnancies per 1,000 females 10-14 years old in specified group.

2000

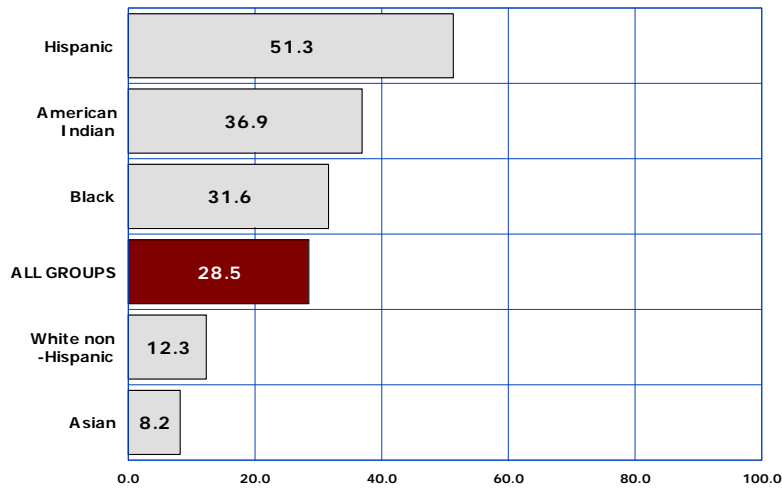


Number of pregnancies per 1,000 females 10-14 years old in specified group.

COMPARATIVE RATES FOR 2000 AND 2009						
Rate per 1,000 females by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	1.5	0.7	2.7	2.4	1.6	0.3
2009	0.7	0.3	1.1	0.8	1.0	0.5
% change from 2000	-53.3	-57.1	-59.3	-66.7	-37.5	66.7

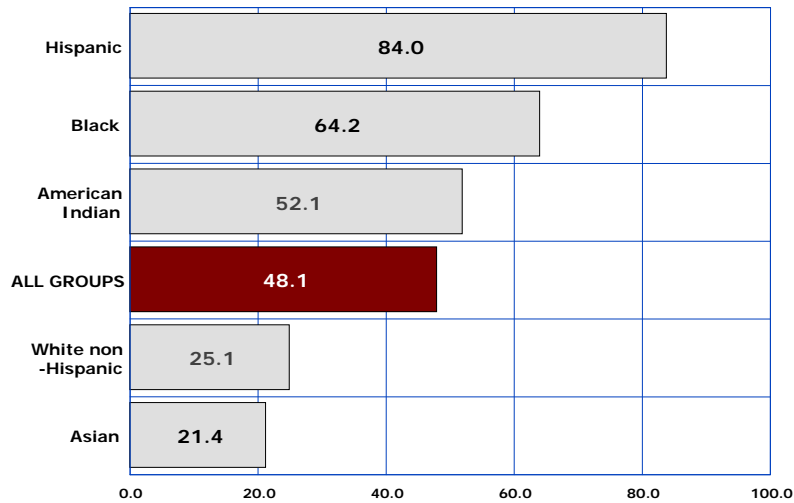
1-3 PREGNANCIES AMONG FEMALES 15-17 YEARS OLD

2009



Number of pregnancies per 1,000 females 15-17 years old in specified group.

2000

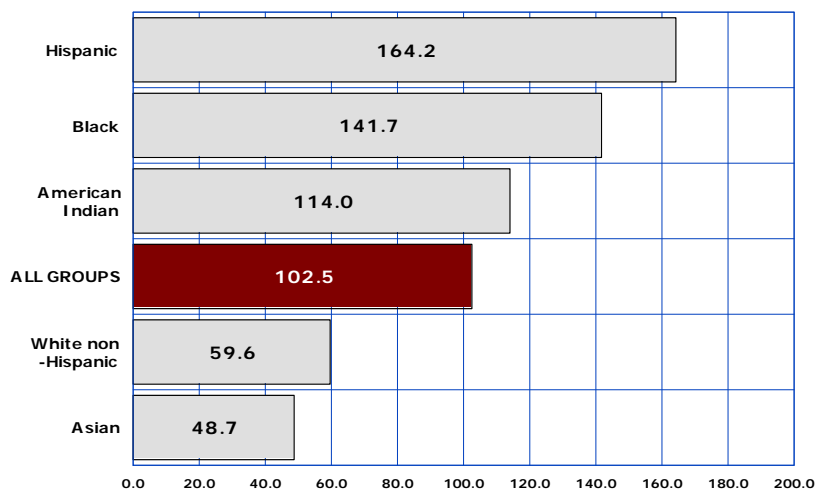


Number of pregnancies per 1,000 females 15-17 years old in specified group.

COMPARATIVE RATES FOR 2000 AND 2009						
Rate per 1,000 females by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	48.1	25.1	84.0	64.2	52.1	21.4
2009	28.5	12.3	51.3	31.6	36.9	8.2
% change from 2000	-40.7	-51.0	-38.9	-50.8	-29.2	-61.7

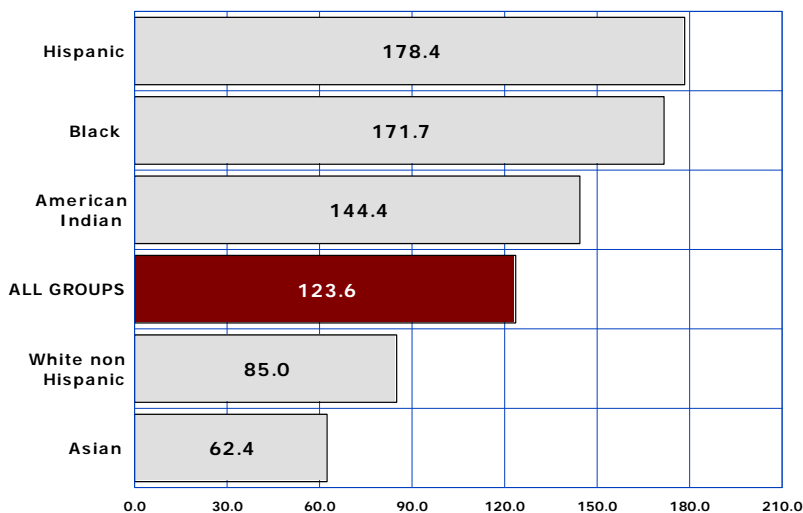
1-4 PREGNANCIES AMONG FEMALES 18-19 YEARS OLD

2009



Number of pregnancies per 1,000 females 18-19 years old in specified group.

2000



Number of pregnancies per 1,000 females 18-19 years old in specified group.

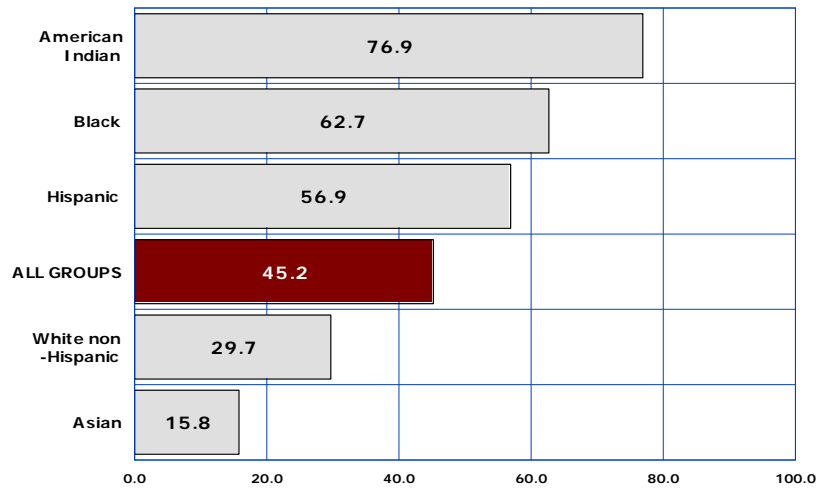
COMPARATIVE RATES FOR 2000 AND 2009						
Rate per 1,000 females by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	123.6	85.0	178.4	171.7	144.4	62.4
2009	102.5	59.6	164.2	141.7	114.0	48.7
% change from 2000	-17.1	-29.9	-8.0	-17.5	-21.1	-22.0

Maternal Lifestyle and Health Characteristics

- 2-1 Unmarried Mothers**
- 2-2 Tobacco Use During Pregnancy**
- 2-3 Alcohol Use During Pregnancy**
- 2-4 The Incidence of Chronic Hypertension**
- 2-5 Dysfunctional Labor**
- 2-6 The Incidence of Anemia During Pregnancy**
- 2-7 The Incidence of Diabetes**
- 2-8 The Incidence of Pregnancy-Associated Hypertension**
- 2-9 The Incidence of Genital Herpes**
- 2-10 Maternal Weight Gain of Less Than 21 Pounds**

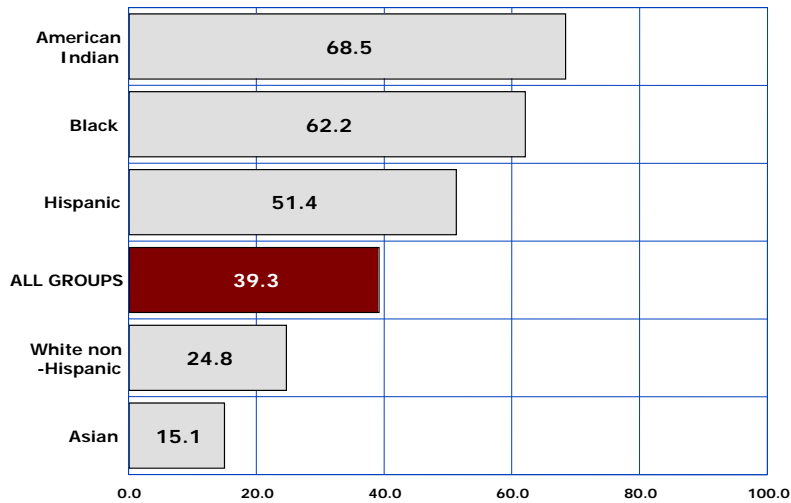
2-1 UNMARRIED MOTHERS

2009



Per 100 live births.

2000



Per 100 live births.

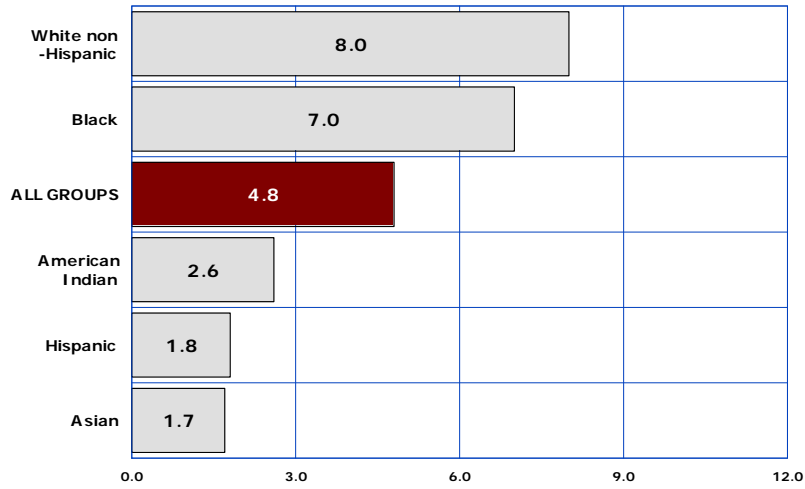
COMPARATIVE RATES FOR 2000 AND 2009

Per 100 births by race/ethnicity

Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	39.3	24.8	51.4	62.2	68.5	15.1
2009	45.2	29.7	56.9	62.7	76.9	15.8
% change from 2000	15.0	19.8	10.7	0.8	12.3	4.6

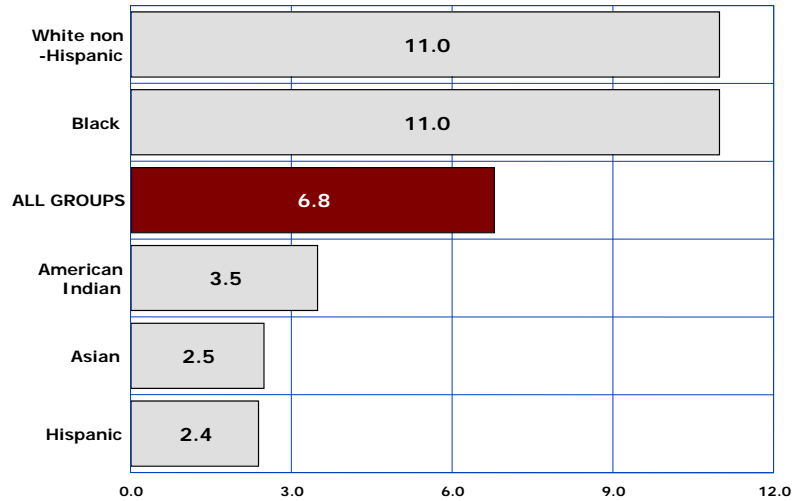
2-2 TOBACCO USE DURING PREGNANCY

2009



Per 100 live births.

2000

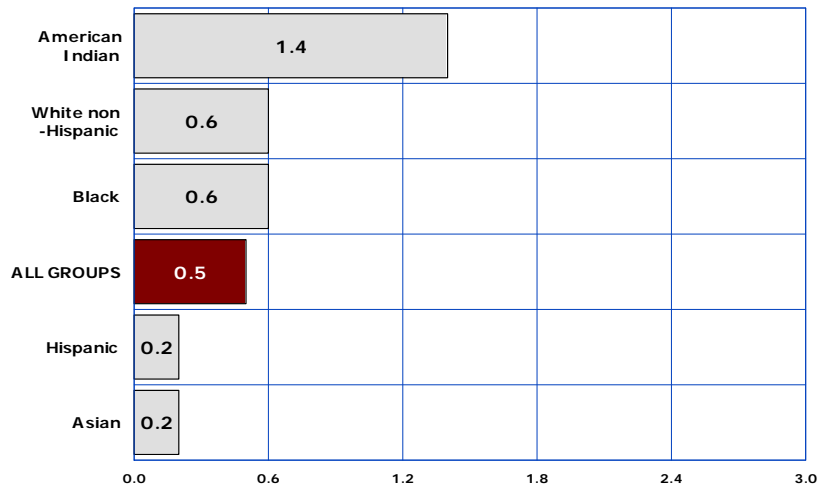


Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2009						
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	6.8	11.0	2.4	11.0	3.5	2.5
2009	4.8	8.0	1.8	7.0	2.6	1.7
% change from 2000	-29.4	-27.3	-25.0	-36.4	-25.7	-32.0

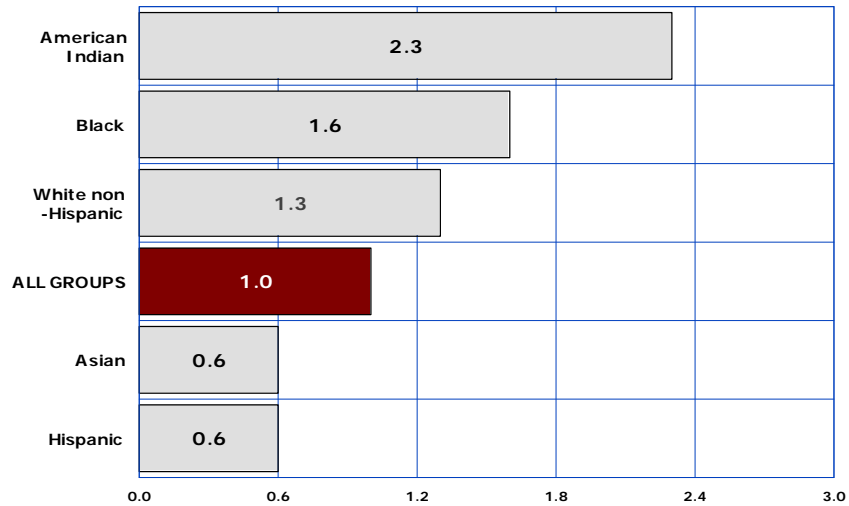
2-3 ALCOHOL USE DURING PREGNANCY

2009



Per 100 live births.

2000

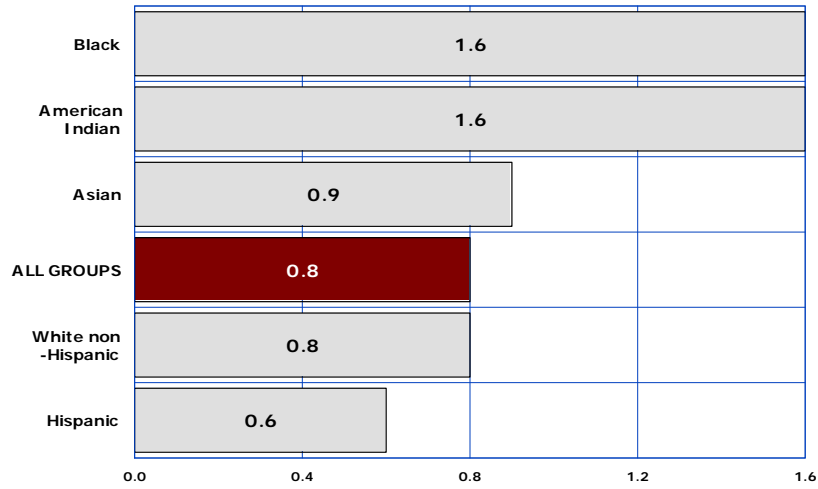


Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2009						
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	1.0	1.3	0.6	1.6	2.3	0.6
2009	0.5	0.6	0.2	0.6	1.4	0.2
% change from 2000	-50.0	-53.8	-66.7	-62.5	-39.1	-66.7

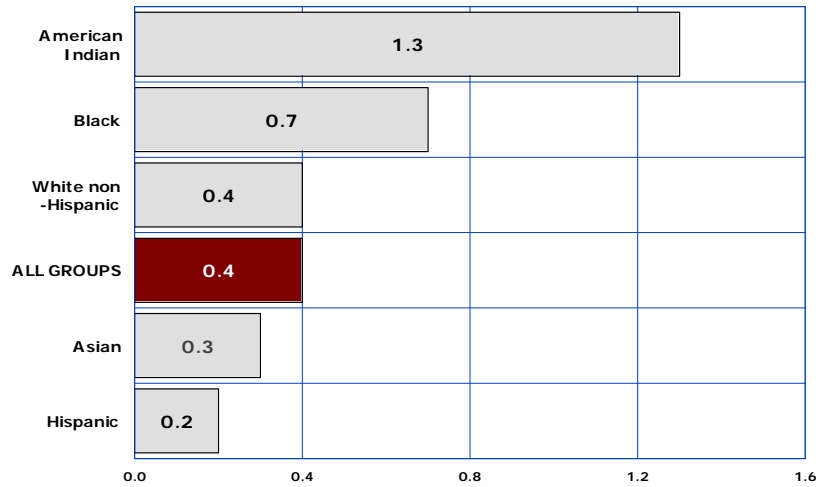
2-4 CHRONIC HYPERTENSION

2009



Per 100 live births.

2000



Per 100 live births.

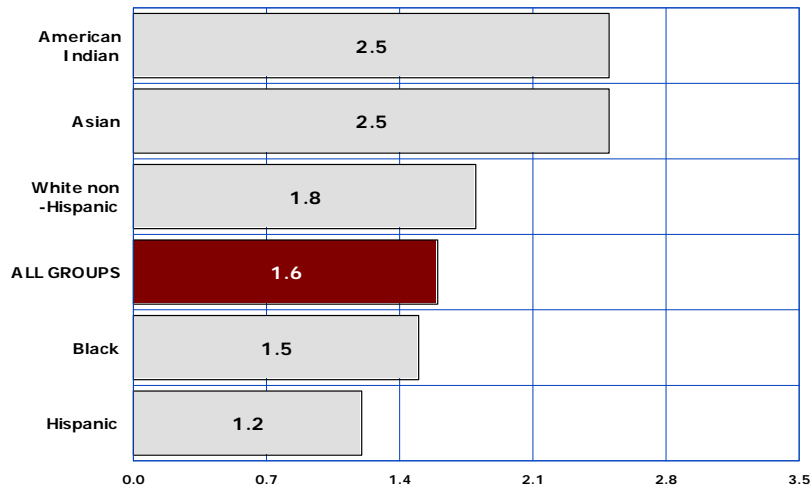
COMPARATIVE RATES FOR 2000 AND 2009

Per 100 births by race/ethnicity

Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	0.4	0.4	0.2	0.7	1.3	0.3
2009	0.8	0.8	0.6	1.6	1.6	0.9
% change from 2000	100.0	100.0	200.0	128.6	23.1	200.0

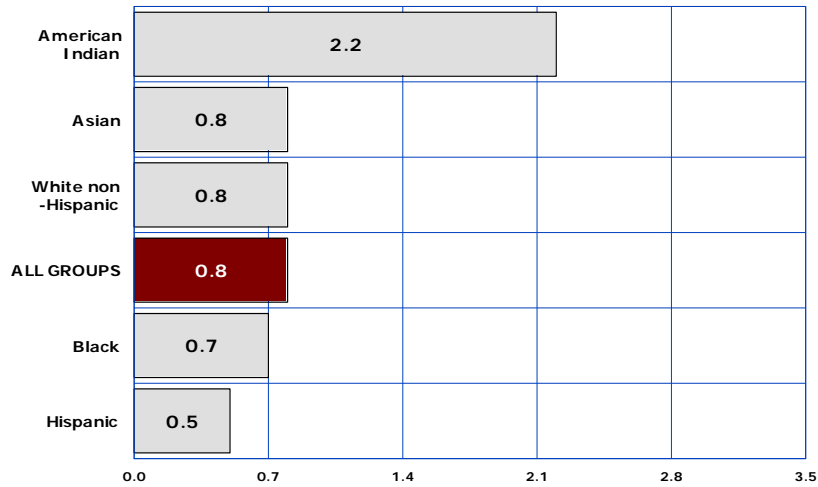
2-5 DYSFUNCTIONAL LABOR

2009



Per 100 live births.

2000



Per 100 live births.

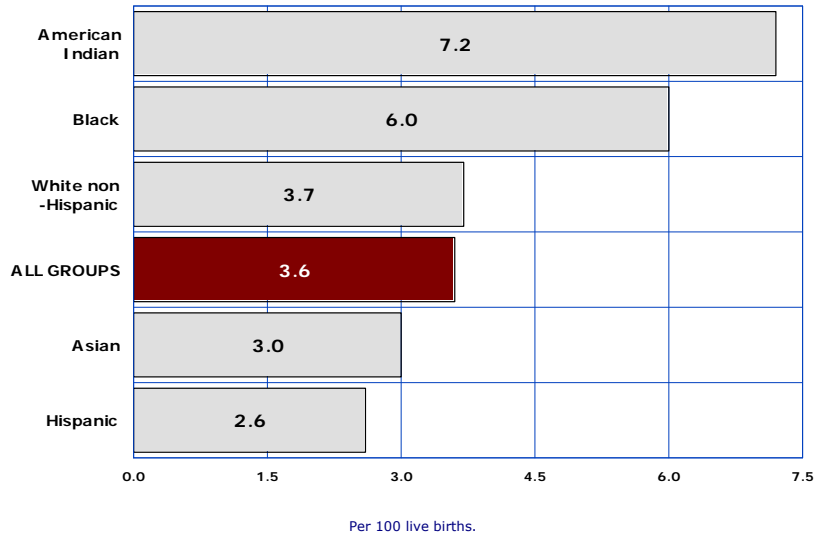
COMPARATIVE RATES FOR 2000 AND 2009

Per 100 births by race/ethnicity

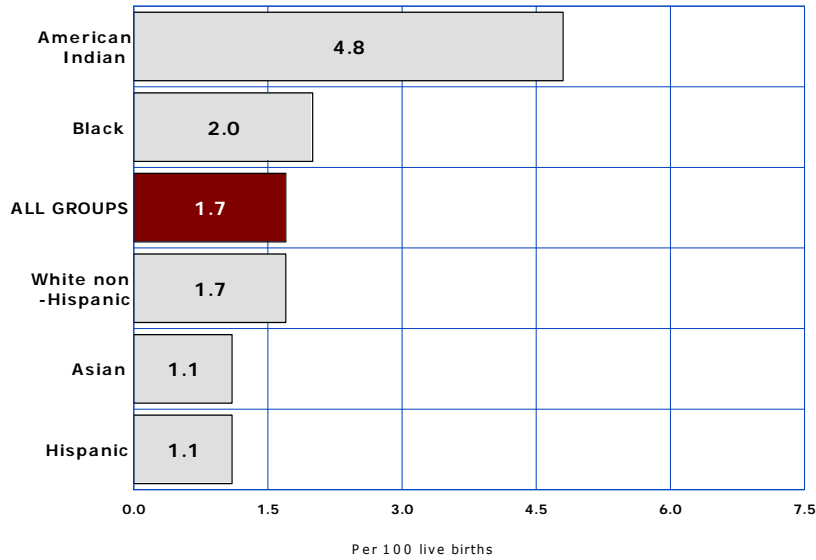
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	0.8	0.8	0.5	0.7	2.2	0.8
2009	1.6	1.8	1.2	1.5	2.5	2.5
% change from 2000	100.0	125.0	140.0	114.3	13.6	212.5

2-6 ANEMIA DURING PREGNANCY

2009



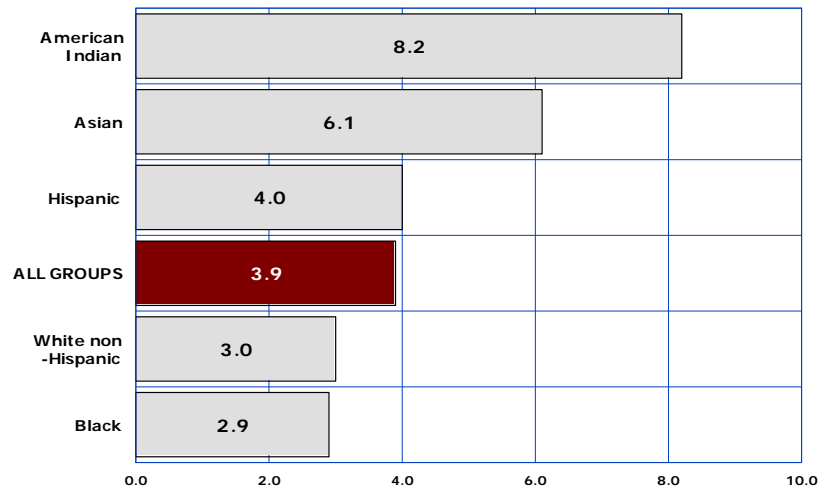
2000



COMPARATIVE RATES FOR 2000 AND 2009						
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	1.7	1.7	1.1	2.0	4.8	1.1
2009	3.6	3.7	2.6	6.0	7.2	3.0
% change from 2000	111.8	117.6	136.4	200.0	50.0	172.7

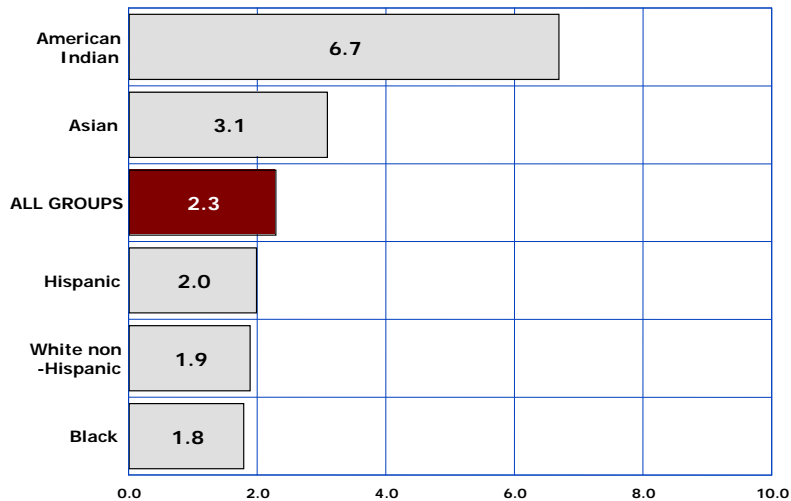
2-7 DIABETES DURING PREGNANCY

2009



Per 100 live births.

2000



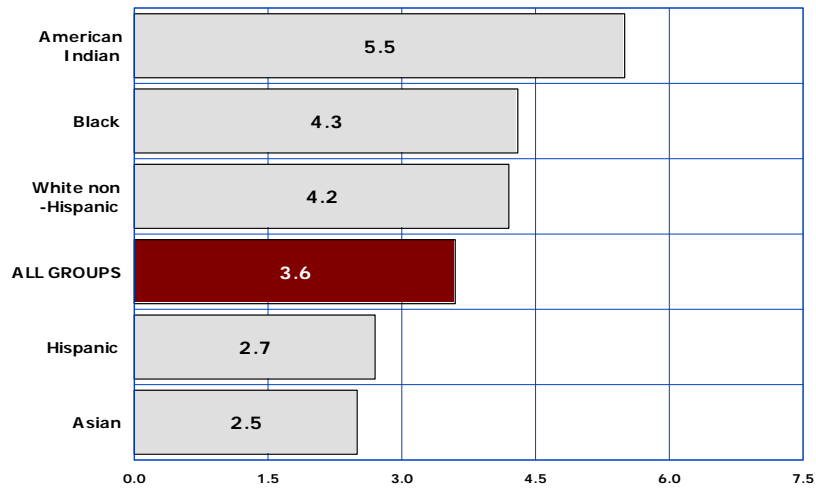
Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2009

Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	2.3	1.9	2.0	1.8	6.7	3.1
2009	3.9	3.0	4.0	2.9	8.2	6.1
% change from 2000	69.6	57.9	100.0	61.1	22.4	96.8

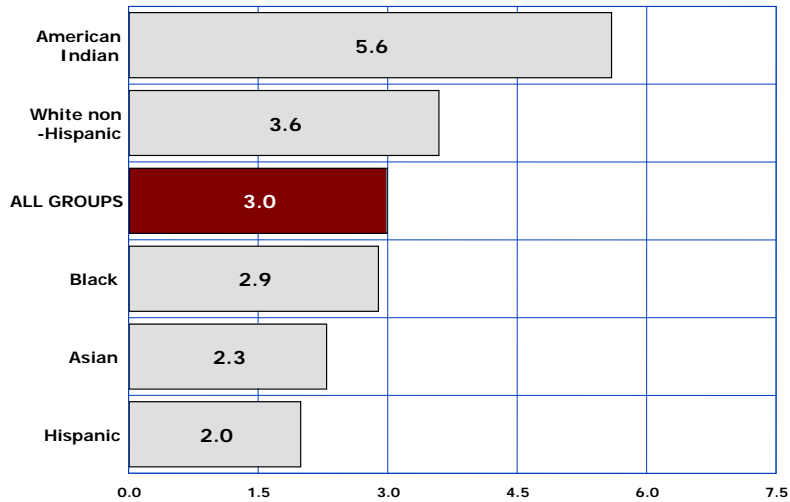
2-8 PREGNANCY-ASSOCIATED HYPERTENSION

2009



Per 100 live births.

2000

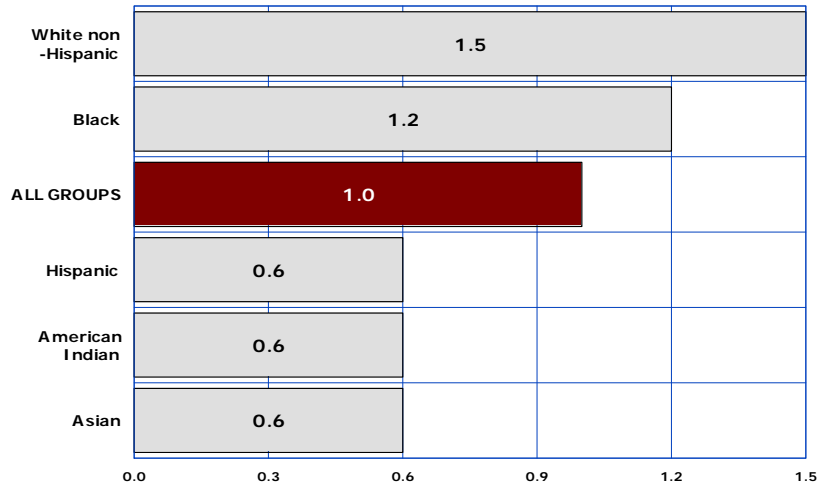


Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2009						
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	3.0	3.6	2.0	2.9	5.6	2.3
2009	3.6	4.2	2.7	4.3	5.5	2.5
% change from 2000	20.0	16.7	35.0	48.3	-1.8	8.7

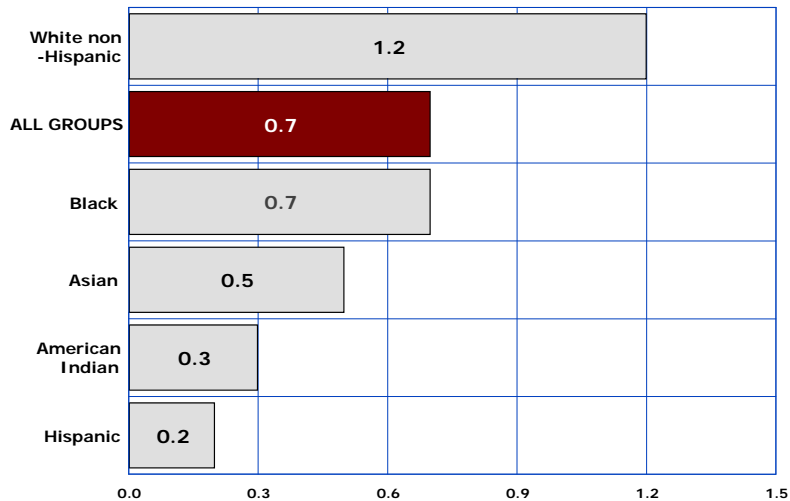
2-9 GENITAL HERPES DURING PREGNANCY

2009



Per 100 live births.

2000

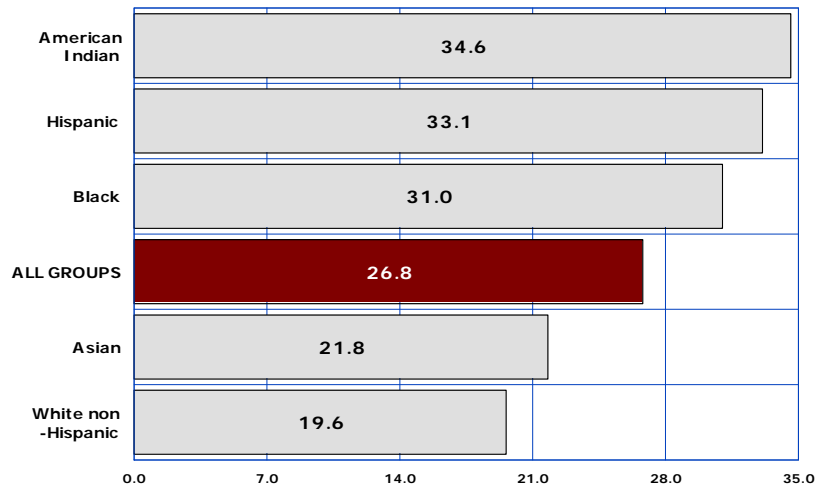


Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2009						
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	0.7	1.2	0.2	0.7	0.3	0.5
2009	1.0	1.5	0.6	1.2	0.6	0.6
% change from 2000	42.9	25.0	200.0	71.4	100.0	20.0

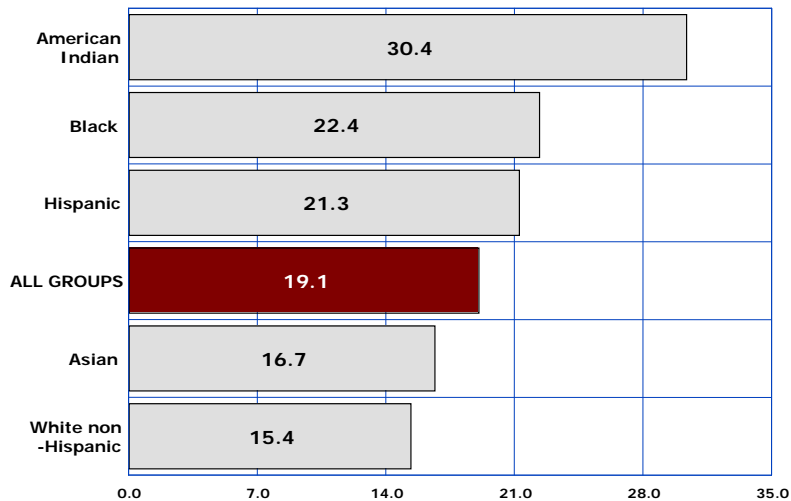
2-10 WEIGHT GAIN OF LESS THAN 21 POUNDS

2009



Per 100 live births.

2000



Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2009

Per 100 births by race/ethnicity

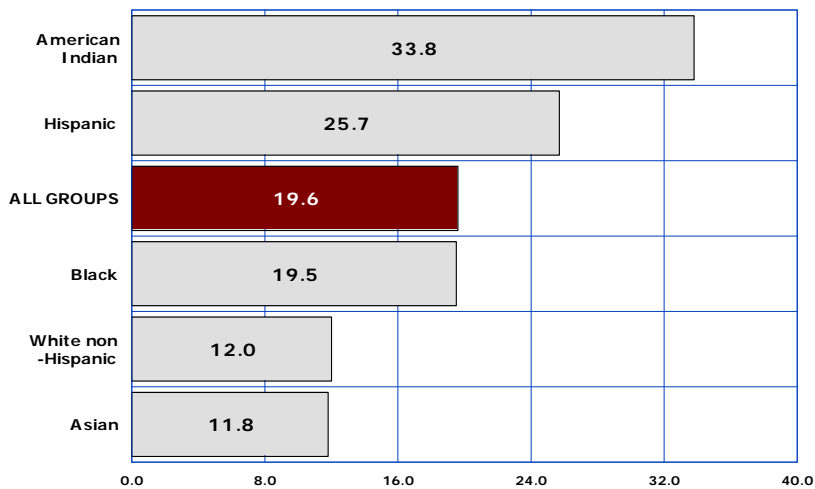
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	19.1	15.4	21.3	22.4	30.4	16.7
2009	26.8	19.6	33.1	31.0	34.6	21.8
% change from 2000	40.3	27.3	55.4	38.4	13.8	30.5

3 Utilization of Prenatal Care Services

- 3-1 No Care in the 1st Trimester
- 3-2 Fewer Than Five Prenatal Visits
- 3-3 No Prenatal Care

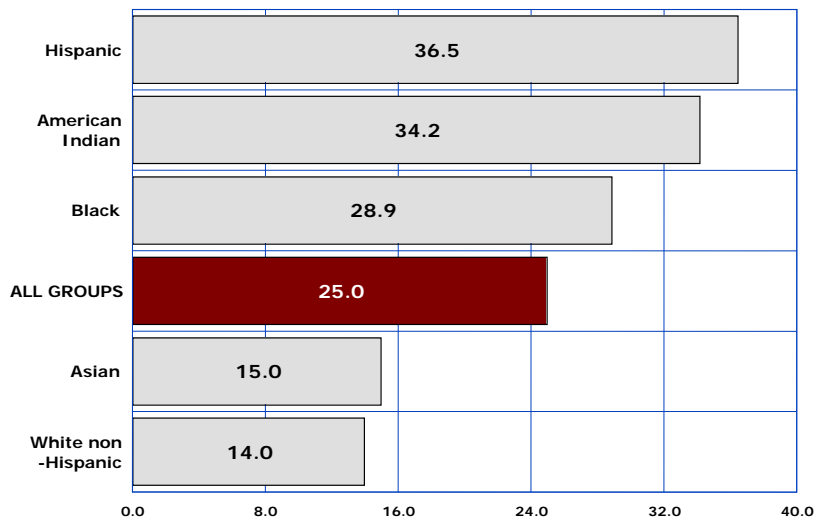
3-1 NO CARE IN THE 1ST TRIMESTER

2009



Per 100 live births.

2000



Per 100 live births.

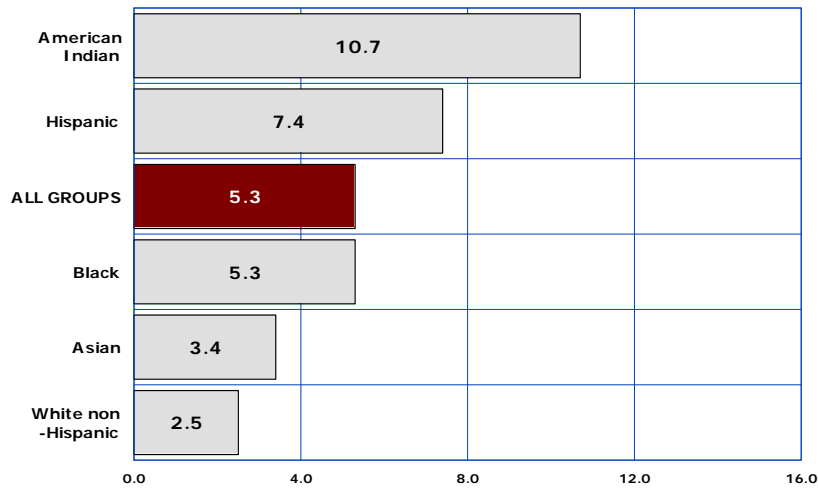
COMPARATIVE RATES FOR 2000 AND 2009

Per 100 births by race/ethnicity

Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	25.0	14.0	36.5	28.9	34.2	15.0
2009	19.6	12.0	25.7	19.5	33.8	11.8
% change from 2000	-21.6	-14.3	-29.6	-32.5	-1.2	-21.3

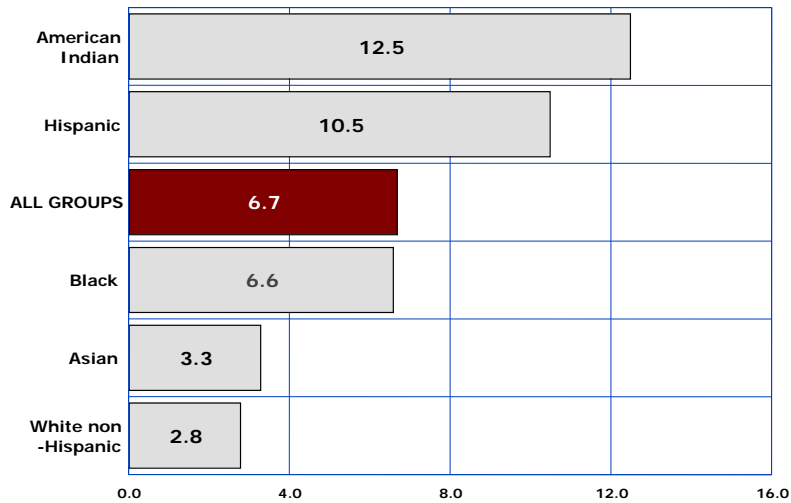
3-2 FEWER THAN 5 PRENATAL VISITS

2009



Per 100 live births.

2000



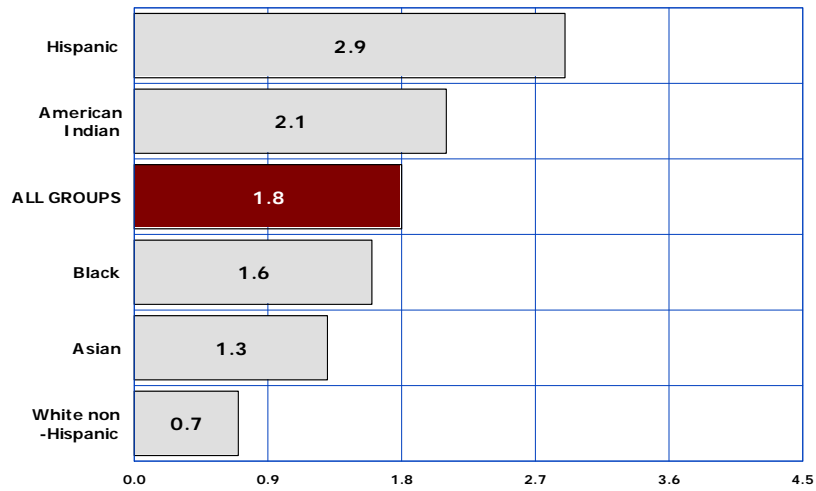
Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2009

Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	6.7	2.8	10.5	6.6	12.5	3.3
2009	5.3	2.5	7.4	5.3	10.7	3.4
% change from 2000	-20.9	-10.7	-29.5	-19.7	-14.4	3.0

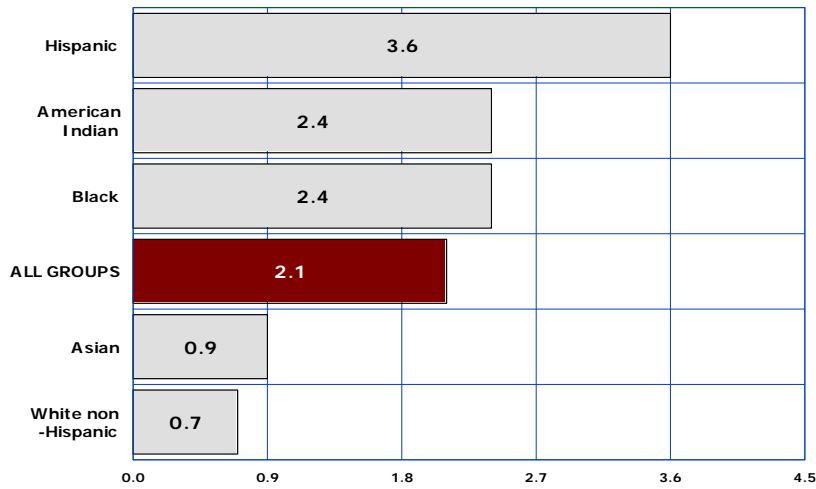
3-3 NO PRENATAL CARE

2009



Per 100 live births.

2000



Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2009

Per 100 births by race/ethnicity

Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	2.1	0.7	3.6	2.4	2.4	0.9
2009	1.8	0.7	2.9	1.6	2.1	1.3
% change from 2000	-14.3	0.0	-19.4	-33.3	-12.5	44.4

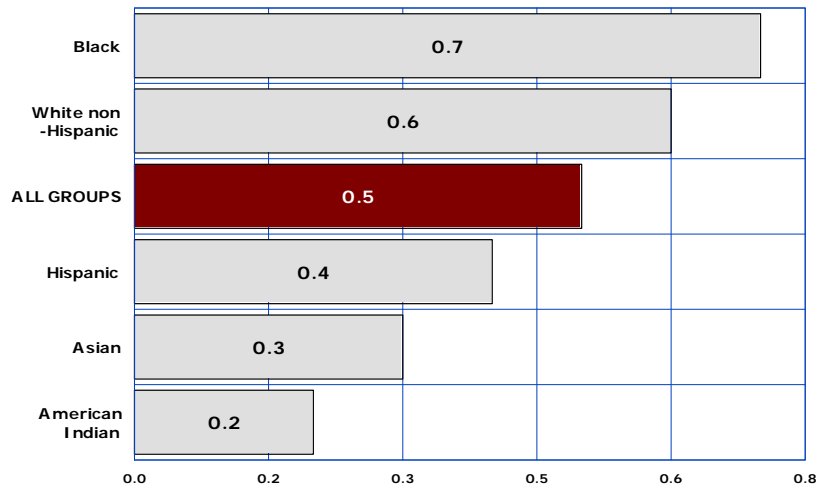
4

Newborn's Health

- 4-1 The Incidence of Hyaline Membrane Disease
- 4-2 Newborn Intensive Care
- 4-3 Born Too Early (Preterm or <37 Weeks)
- 4-4 The Incidence of Low-Birthweight Births
- 4-5 The Incidence of Very Low-Birthweight Births
- 4-6 The Incidence of Congenital Anomalies (Birth Defects)
- 4-7 Infant Mortality
- 4-8 Sudden Infant Death Syndrome
- 4-9 Mortality of Infants from Low-Birthweight/
Short Gestation
- 4-10 Neonatal Mortality
- 4-11 Postneonatal Mortality

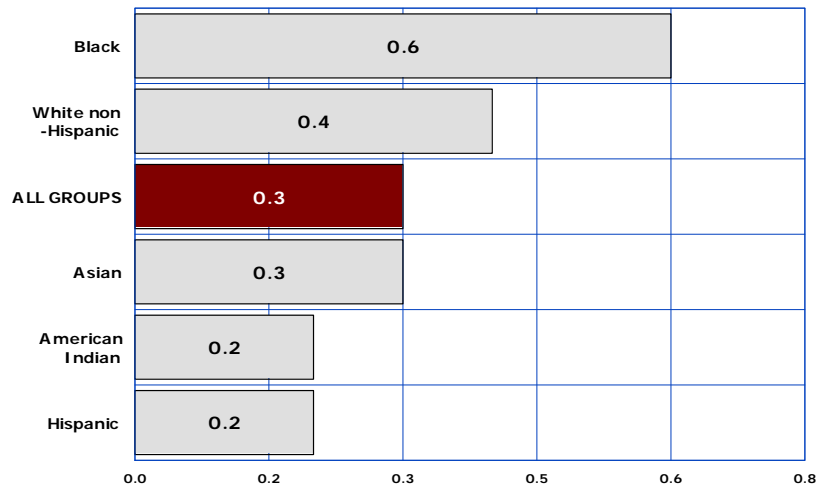
4-1 INCIDENCE OF HYALINE MEMBRANE DISEASE

2009



Per 100 live births.

2000

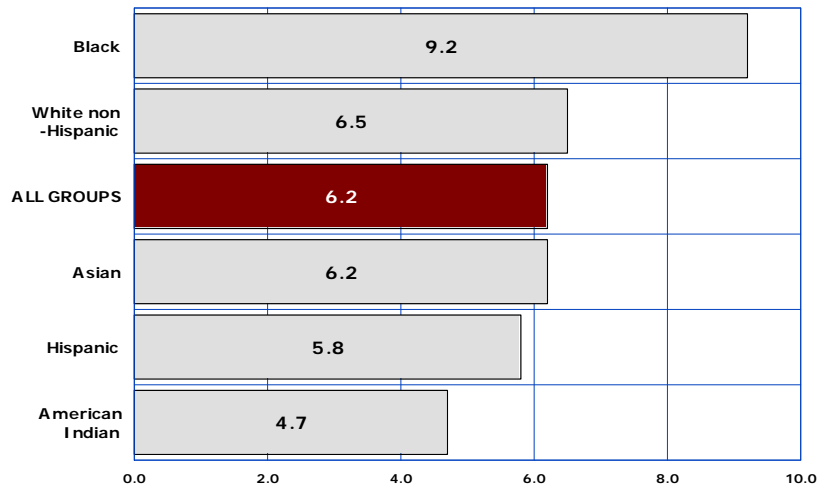


Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2009						
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	0.3	0.4	0.2	0.6	0.2	0.3
2009	0.5	0.6	0.4	0.7	0.2	0.3
% change from 2000	66.7	50.0	100.0	16.7	0.0	0.0

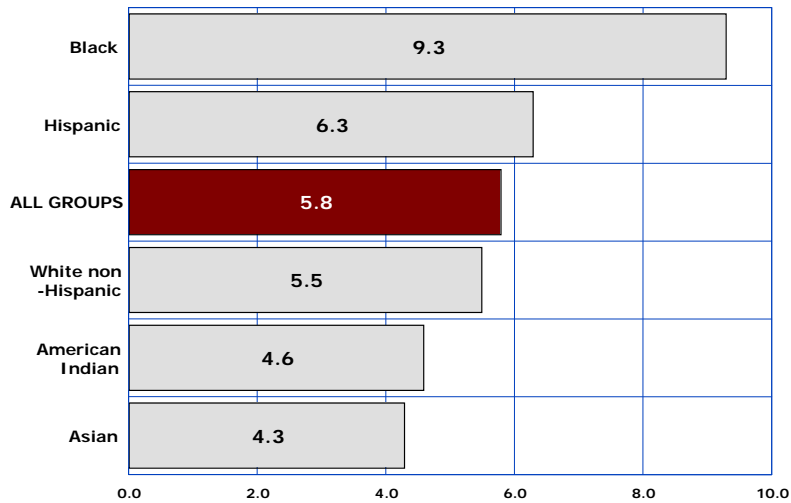
4-2 INCIDENCE OF NEWBORN INTENSIVE CARE

2009



Per 100 live births.

2000



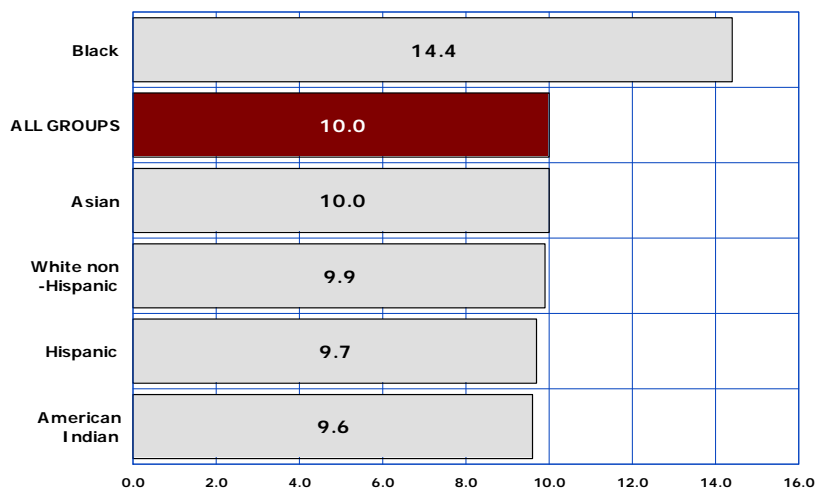
Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2009

Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	5.8	5.5	6.3	9.3	4.6	4.3
2009	6.2	6.5	5.8	9.2	4.7	6.2
% change from 2000	6.9	18.2	-7.9	-1.1	2.2	44.2

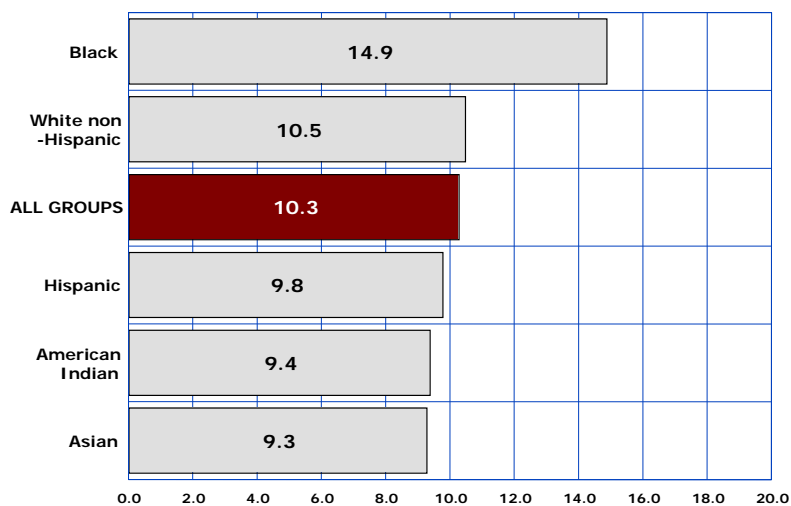
4-3 BORN TOO EARLY (PRETERM OF <37 WEEKS)

2009



Per 100 live births.

2000



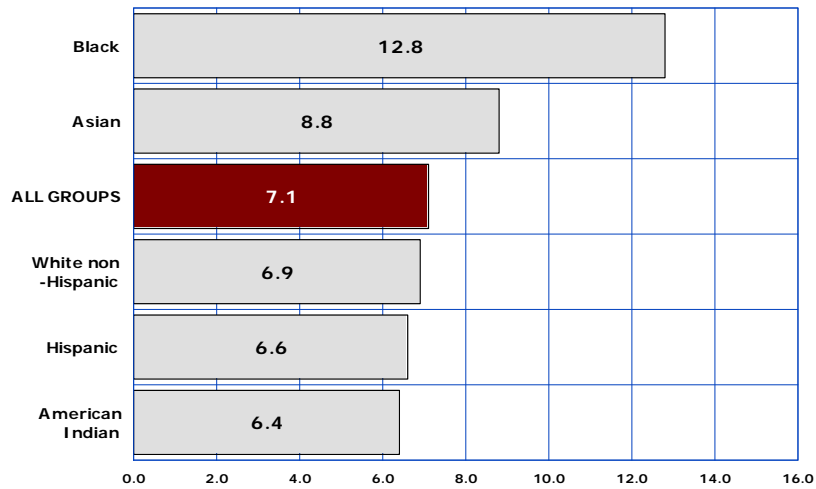
Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2009

COMPARATIVE RATES FOR 2000 AND 2009						
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	10.3	10.5	9.8	14.9	9.4	9.3
2009	10.0	9.9	9.7	14.4	9.6	10.0
% change from 2000	-2.9	-5.7	-1.0	-3.4	2.1	7.5

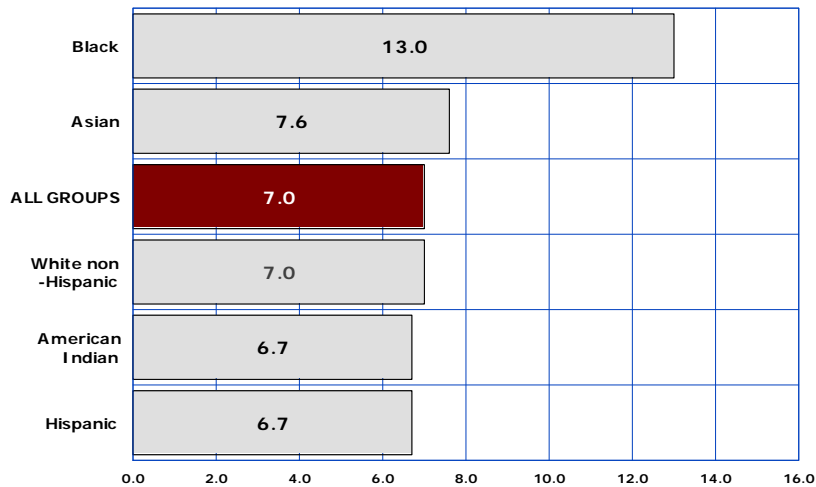
4-4 BORN TOO SMALL: LOW BIRTHWEIGHT (<2,500 GRAMS)

2009



Per 100 live births.

2000

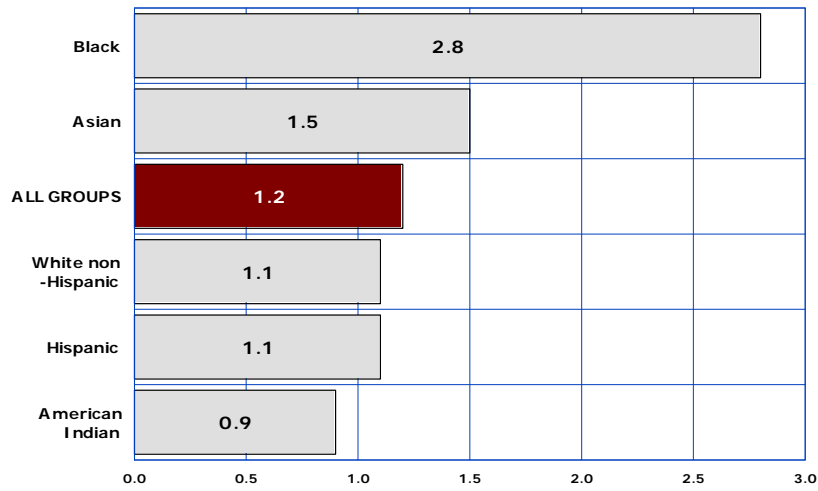


Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2009						
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	7.0	7.0	6.7	13.0	6.7	7.6
2009	7.1	6.9	6.6	12.8	6.4	8.8
% change from 2000	1.4	-1.4	-1.5	-1.5	-4.5	15.8

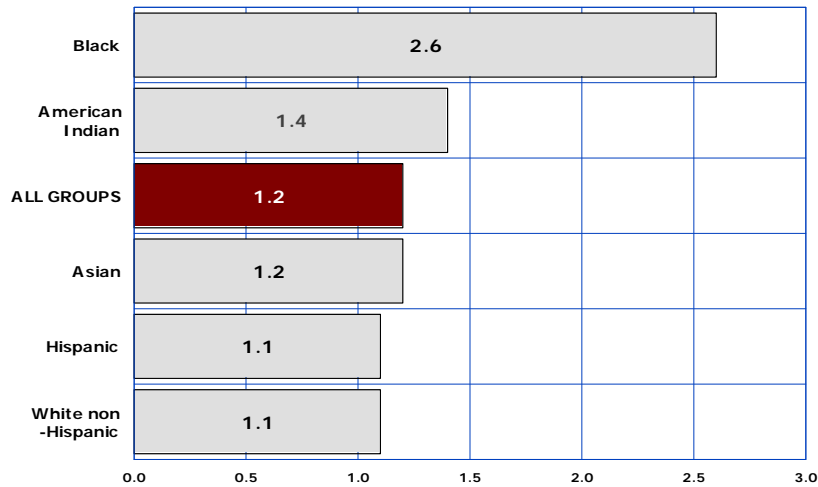
4-5 BORN TOO SMALL: VERY LOW BIRTHWEIGHT (<1,500 GRAMS)

2009



Per 100 live births.

2000



Per 100 live births.

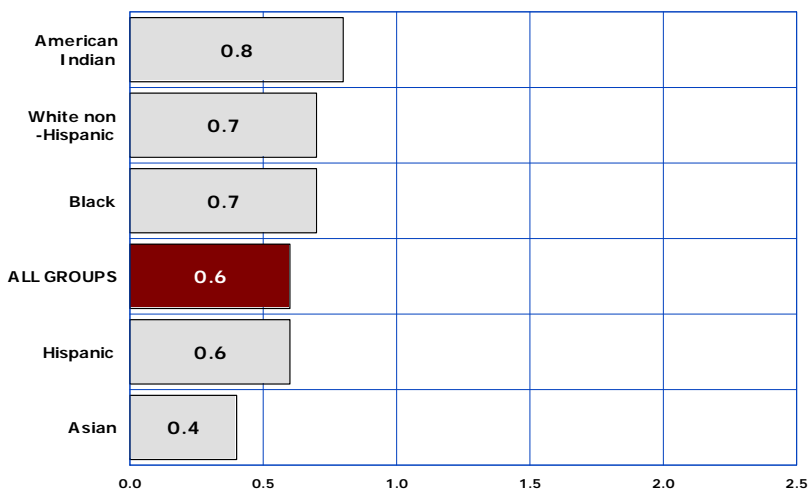
COMPARATIVE RATES FOR 2000 AND 2009

Per 100 births by race/ethnicity

Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	1.2	1.1	1.1	2.6	1.4	1.2
2009	1.2	1.1	1.1	2.8	0.9	1.5
% change from 2000	0.0	0.0	0.0	7.7	-35.7	25.0

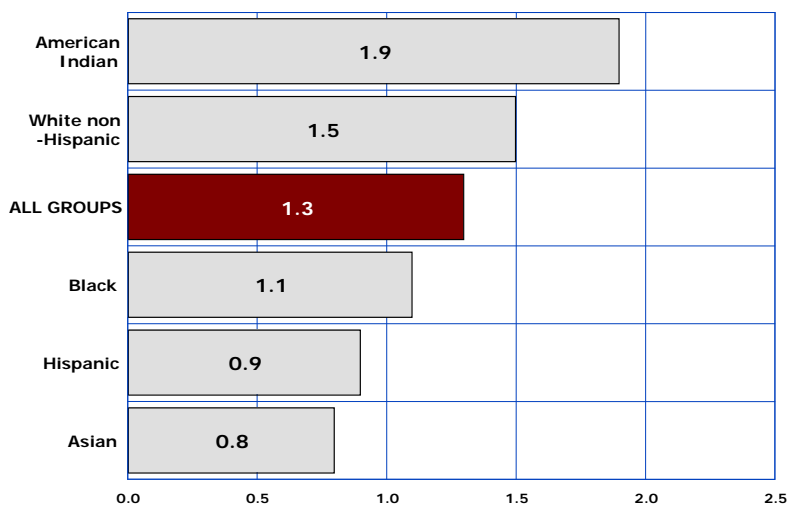
4-6 INCIDENCE OF CONGENITAL ANOMALIES (BIRTH DEFECTS)

2009



Per 100 live births.

2000



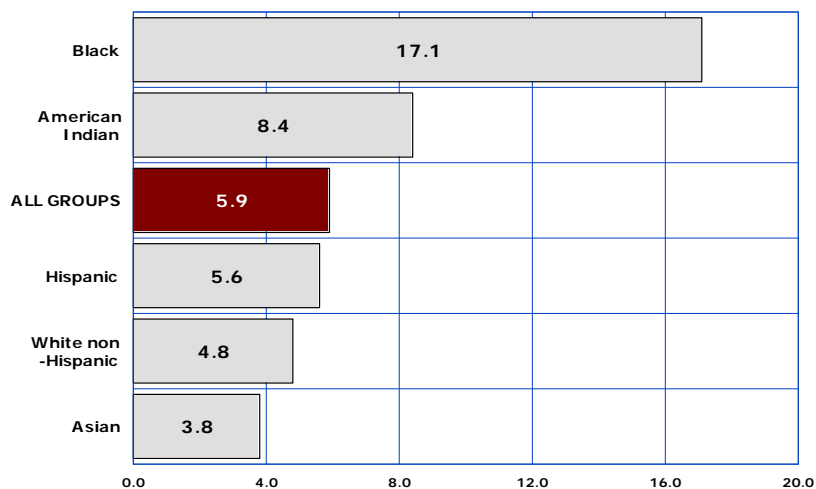
Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2009

Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	1.3	1.5	0.9	1.1	1.9	0.8
2009	0.6	0.7	0.6	0.7	0.8	0.4
% change from 2000	-53.8	-53.3	-33.3	-36.4	-57.9	-50.0

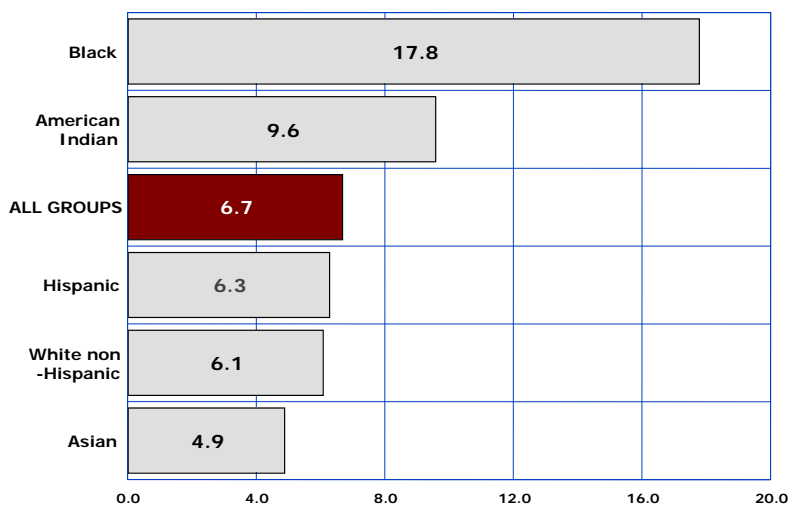
4-7 INFANT MORTALITY

2009



Per 100 live births.

2000



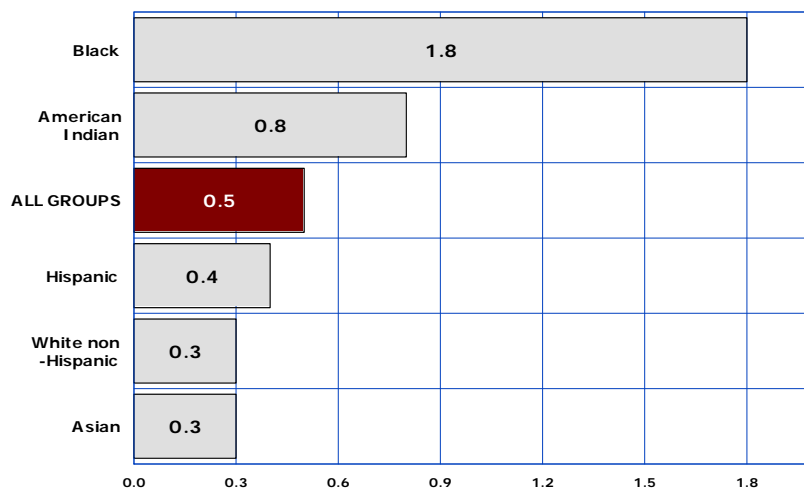
Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2009

Per 1,000 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	6.7	6.1	6.3	17.8	9.6	4.9
2009	5.9	4.8	5.6	17.1	8.4	3.8
% change from 2000	-11.9	-21.3	-11.1	-3.9	-12.5	-22.4

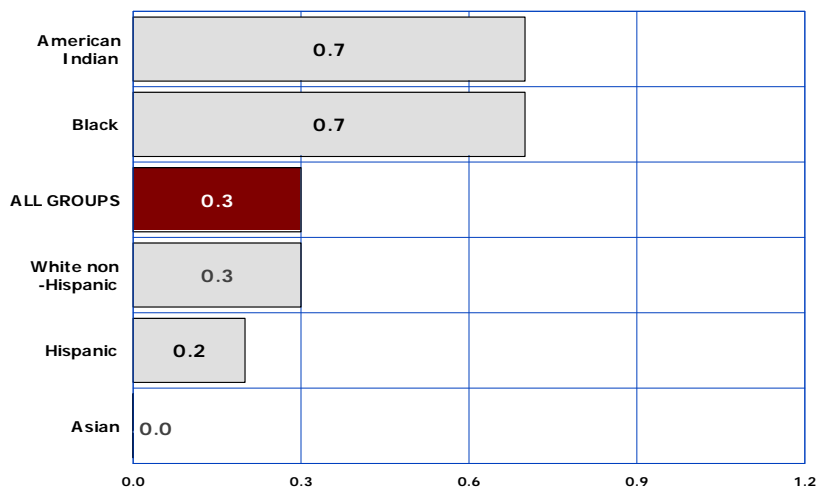
4-8 SUDDEN INFANT DEATH SYNDROME (SIDS)

2009



Per 100 live births.

2000

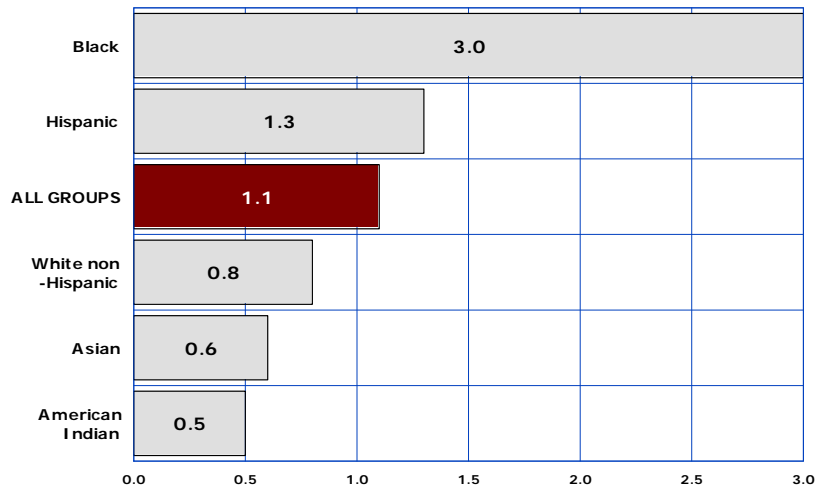


Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2009						
Per 1,000 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	0.3	0.3	0.2	0.7	0.7	0.0
2009	0.5	0.3	0.4	1.8	0.8	0.3
% change from 2000	66.7	0.0	100.0	157.1	14.3	NA

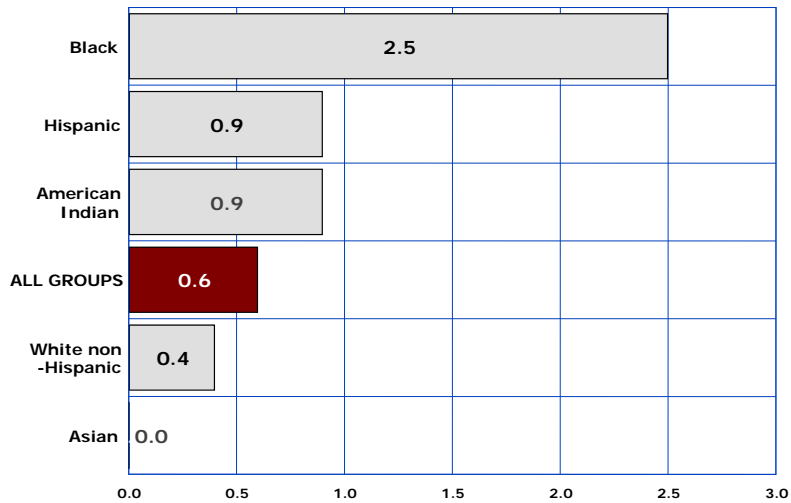
4-9 MORTALITY OF INFANTS FROM LOW BIRTHWEIGHT/SHORT GESTATION

2009



Per 100 live births.

2000

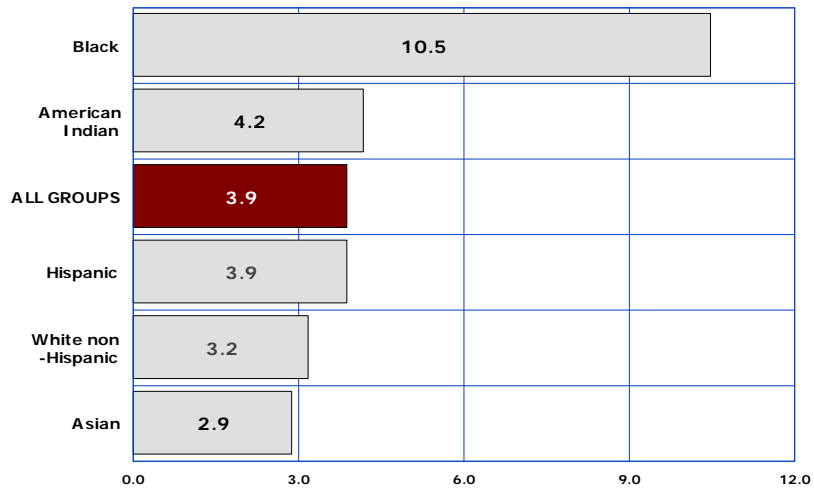


Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2009						
Per 1,000 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	0.6	0.4	0.9	2.5	0.9	0.0
2009	1.1	0.8	1.3	3.0	0.5	0.6
% change from 2000	83.3	100.0	44.4	20.0	-44.4	NA

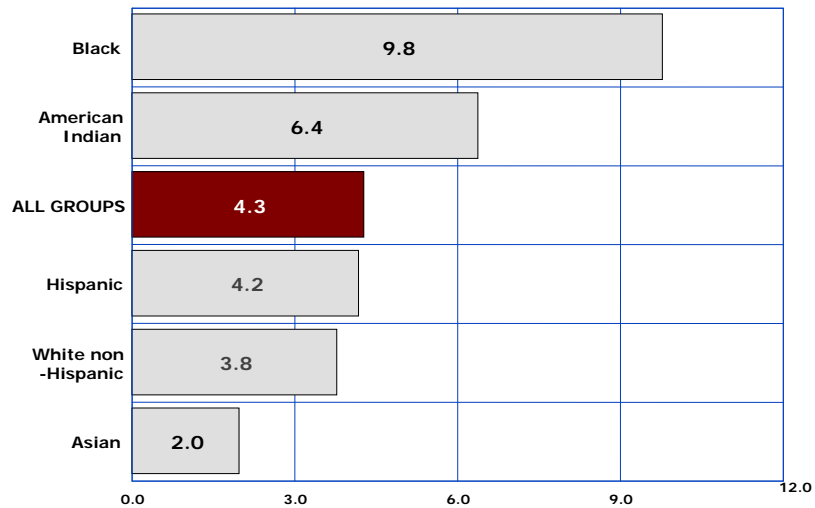
4-10 NEONATAL MORTALITY

2009



Number of deaths per 1,000 live births.

2000



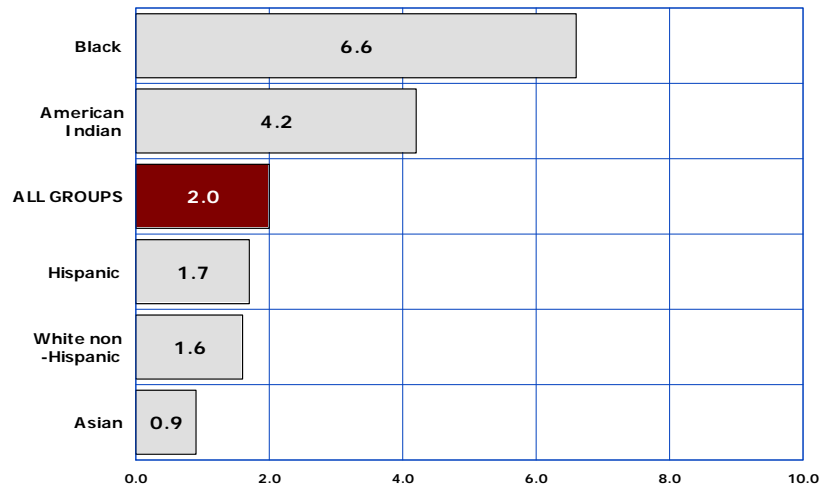
Number of deaths per 1,000 live births.

COMPARATIVE RATES FOR 2000 AND 2009

Per 1,000 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	4.3	3.8	4.2	9.8	6.4	2.0
2009	3.9	3.2	3.9	10.5	4.2	2.9
% change from 2000	-9.3	-15.8	-7.1	7.1	-34.4	45.0

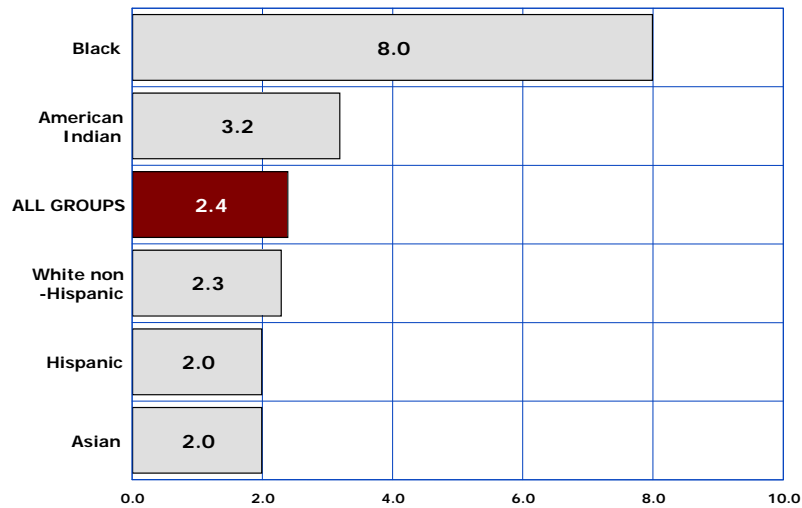
4-11 POSTNEONATAL MORTALITY

2009



Number of deaths per 1,000 live births.

2000



Number of deaths per 1,000 live births.

COMPARATIVE RATES FOR 2000 AND 2009						
Per 1,000 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	2.4	2.3	2.0	8.0	3.2	2.0
2009	2.0	1.6	1.7	6.6	4.2	0.9
% change from 2000	-16.7	-30.4	-15.0	-17.5	31.3	-55.0

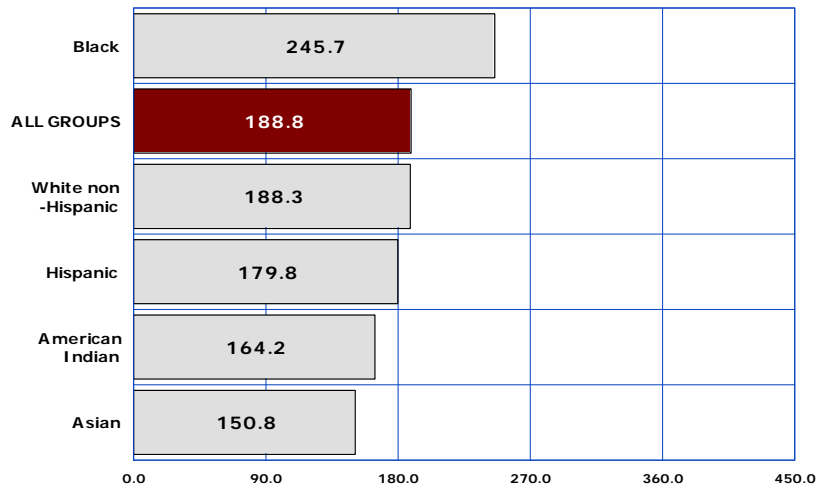
5

Mortality from Natural Causes

- 5-1 Cardiovascular Disease
- 5-2 Diseases of the Heart
- 5-3 Coronary Heart Disease
- 5-4 Cerebrovascular Disease
- 5-5 Chronic Lower Respiratory Disease
- 5-6 Malignant Neoplasms
- 5-7 Lung Cancer
- 5-8 Breast Cancer
- 5-9 Cervical Cancer
- 5-10 Colorectal Cancer
- 5-11 Prostate Cancer
- 5-12 Influenza and Pneumonia
- 5-13 Diabetes
- 5-14 Chronic Liver Disease and Cirrhosis
- 5-15 HIV Disease
- 5-16 Septicemia
- 5-17 Alzheimer's Disease
- 5-18 Nephritis, Nephrotic Syndrome & Nephrosis
(kidney disease)
- 5-19 Essential (primary) Hypertension
- 5-20 Mortality from All Causes

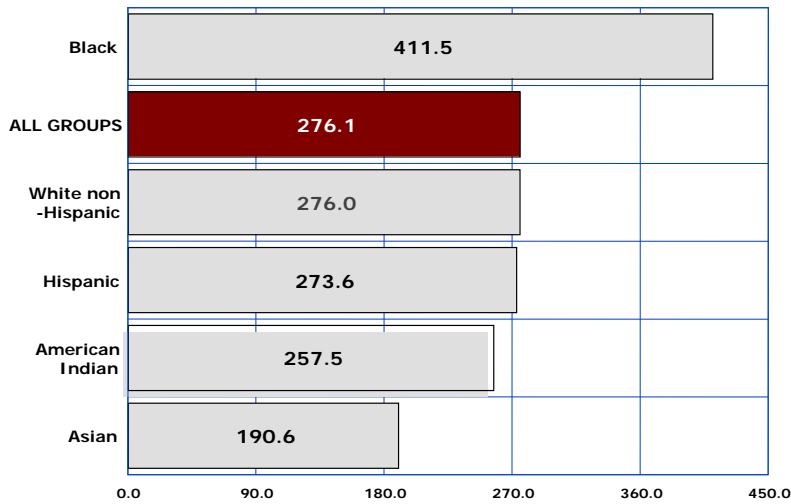
5-1 CARDIOVASCULAR DISEASE

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

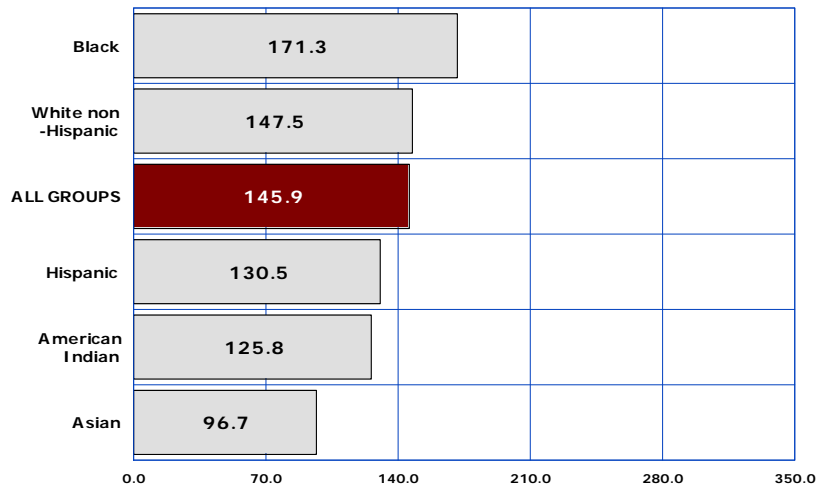


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	276.1	276.0	273.6	411.5	257.5	190.6
2009	188.8	188.3	179.8	245.7	164.2	150.8
% change from 2000	-31.6	-31.8	-34.3	-40.3	-36.2	-20.9

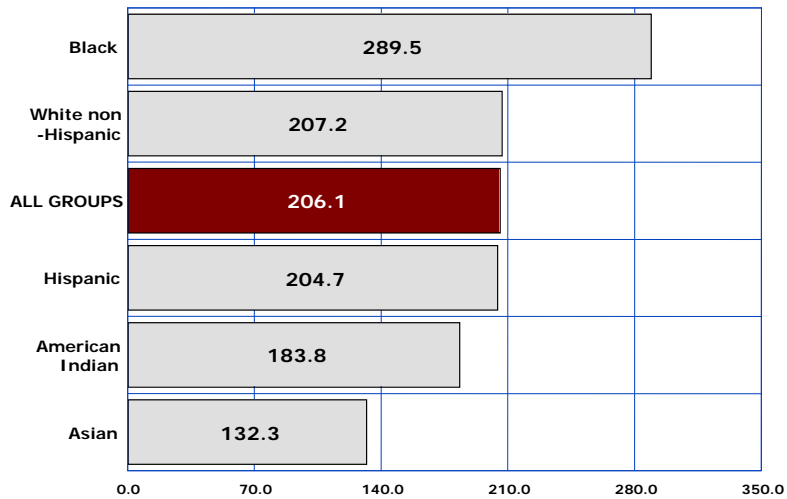
5-2 DISEASES OF THE HEART

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

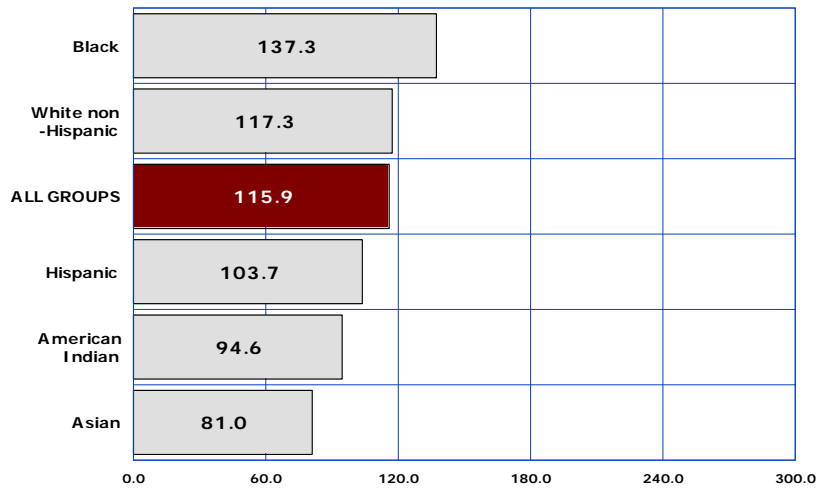


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	206.1	207.2	204.7	289.5	183.8	132.3
2009	145.9	147.5	130.5	171.3	125.8	96.7
% change from 2000	-29.2	-28.8	-36.2	-40.8	-31.6	-26.9

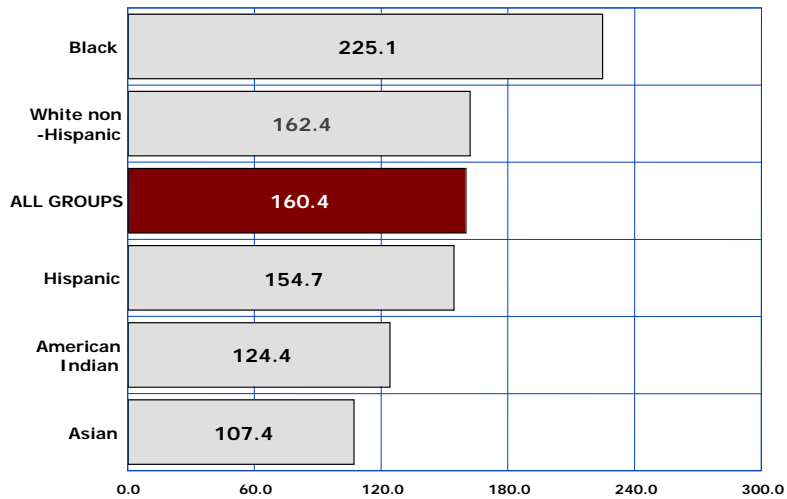
5-3 CORONARY HEART DISEASE

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

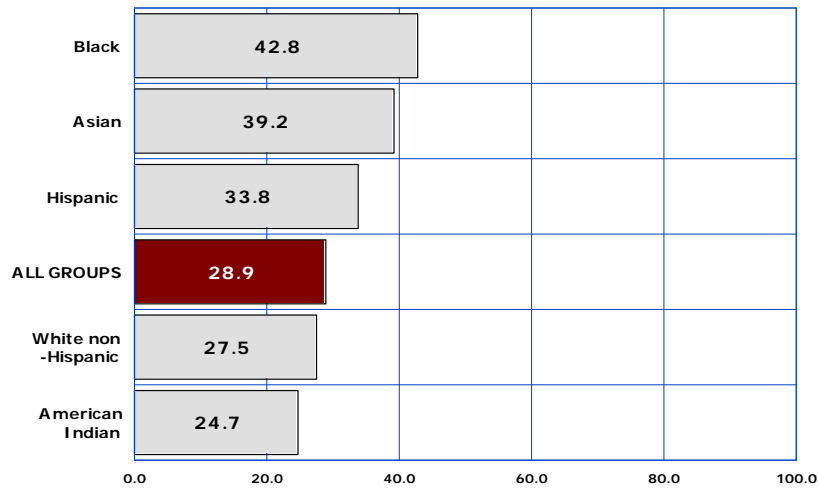


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	160.4	162.4	154.7	225.1	124.4	107.4
2009	115.9	117.3	103.7	137.3	94.6	81.0
% change from 2000	-27.7	-27.8	-33.0	-39.0	-24.0	-24.6

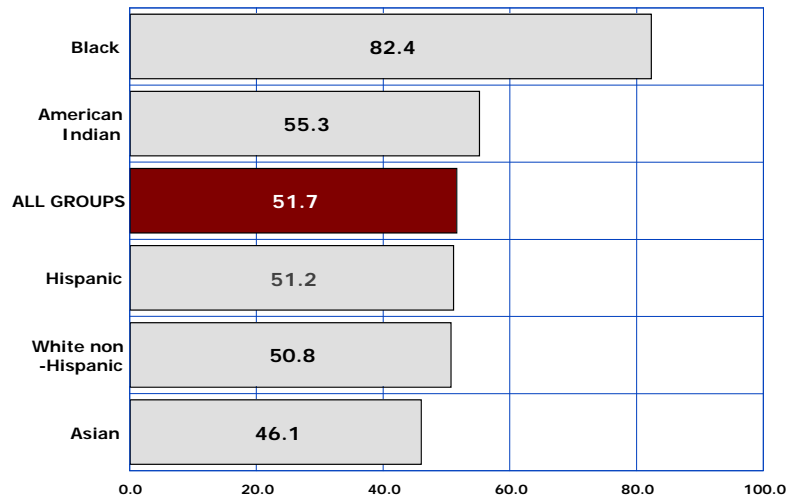
5-4 CEREBROVASCULAR DISEASE

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

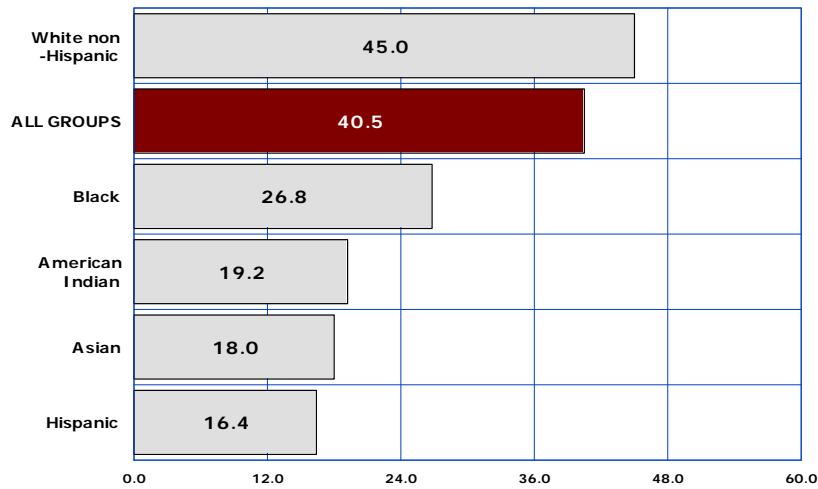


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	51.7	50.8	51.2	82.4	55.3	46.1
2009	28.9	27.5	33.8	42.8	24.7	39.2
% change from 2000	-44.1	-45.9	-34.0	-48.1	-55.3	-15.0

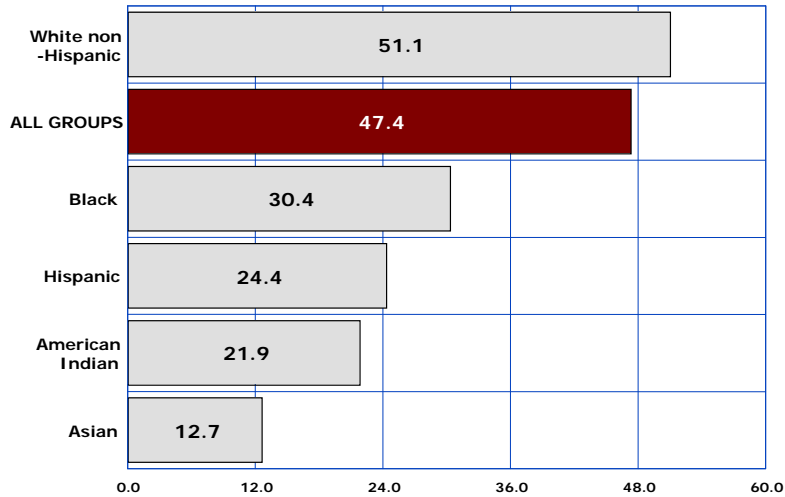
5-5 CHRONIC LOWER RESPIRATORY DISEASE

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

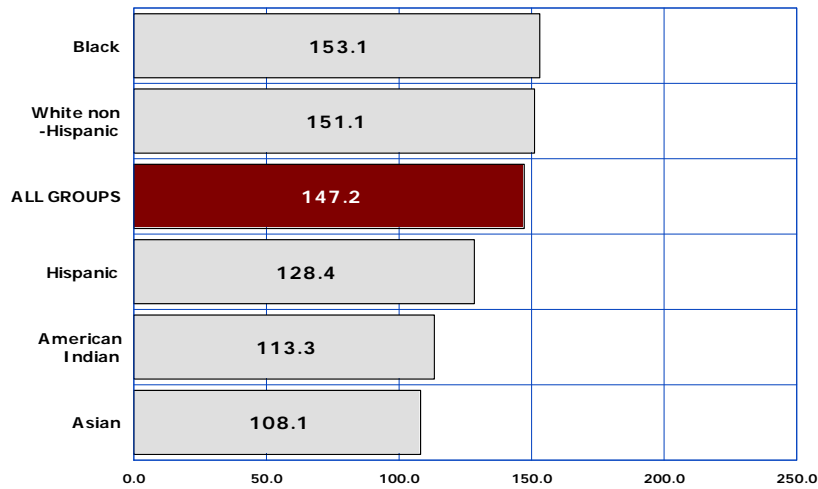


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	47.4	51.1	24.4	30.4	21.9	12.7
2009	40.5	45.0	16.4	26.8	19.2	18.0
% change from 2000	-14.6	-11.9	-32.8	-11.8	-12.3	41.7

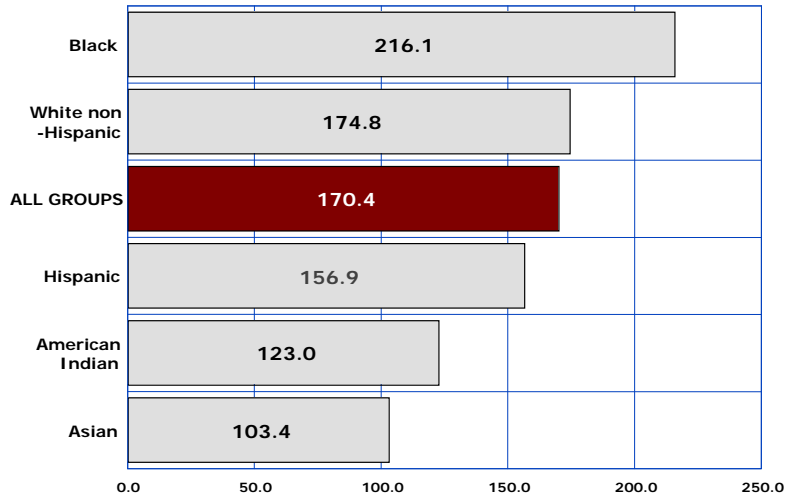
5-6 MALIGNANT NEOPLASM (CANCER)

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

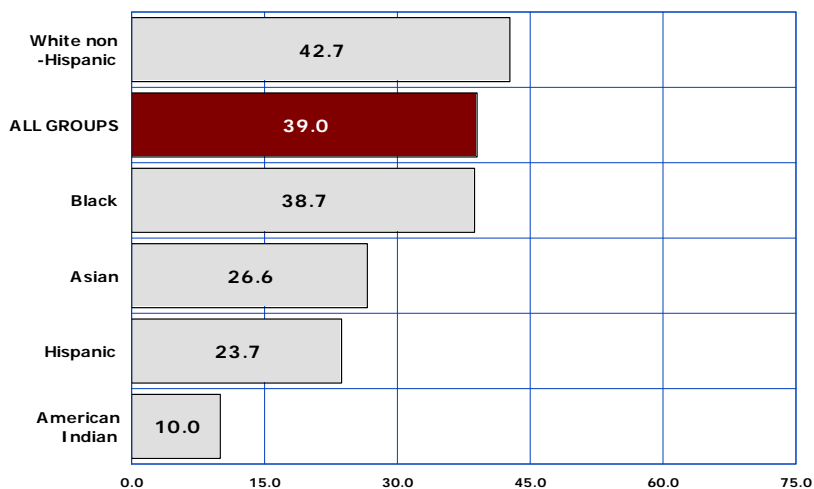


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	170.4	174.8	156.9	216.1	123.0	103.4
2009	147.2	151.1	128.4	153.1	113.3	108.1
% change from 2000	-13.6	-13.6	-18.2	-29.2	-7.9	4.5

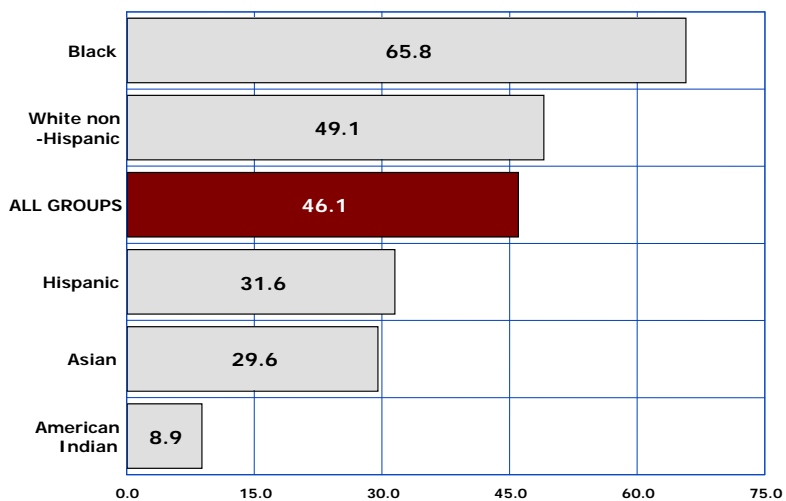
5-7 LUNG CANCER

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

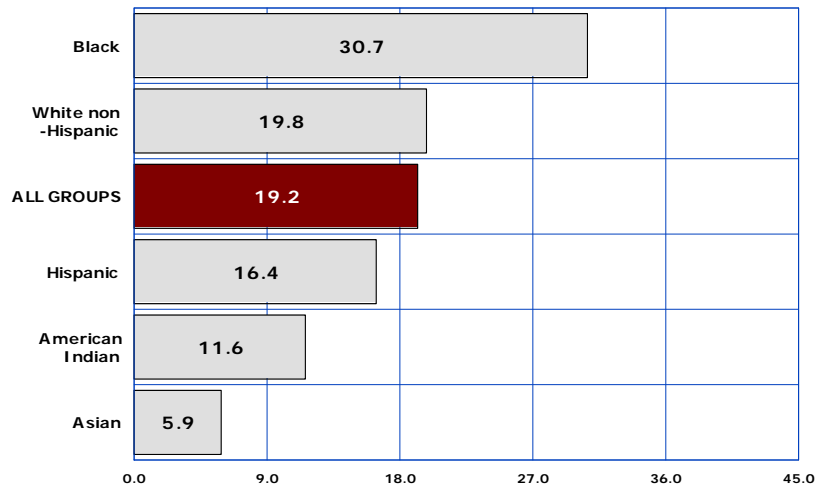


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	46.1	49.1	31.6	65.8	8.9	29.6
2009	39.0	42.7	23.7	38.7	10.0	26.6
% change from 2000	-15.4	-13.0	-25.0	-41.2	12.4	-10.1

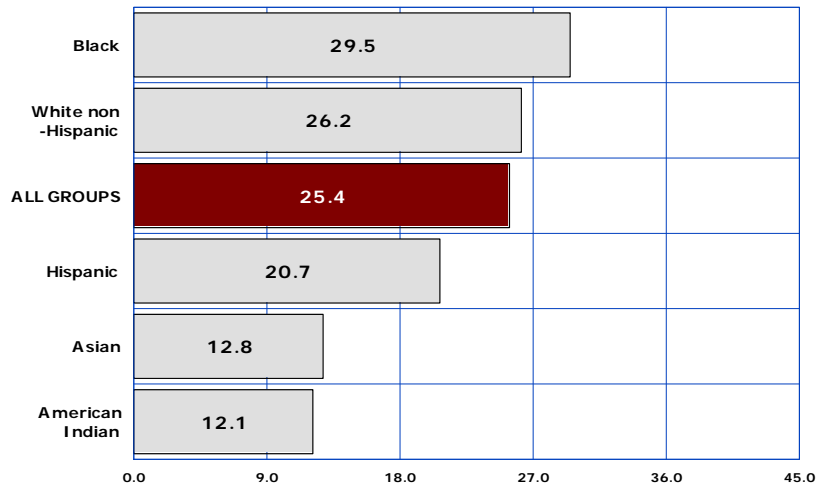
5-8 BREAST CANCER

2009



Number of deaths per 100,000 female population (age-adjusted to the 2000 standard).

2000

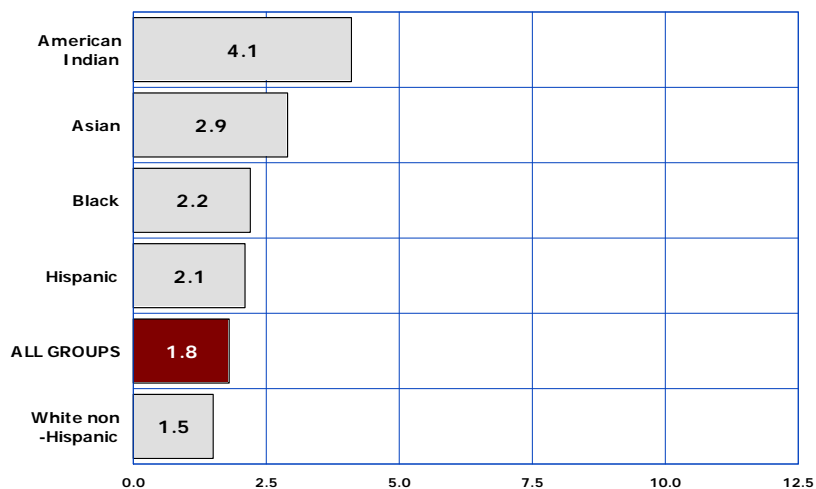


Number of deaths per 100,000 female population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 females by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	25.4	26.2	20.7	29.5	12.1	12.8
2009	19.2	19.8	16.4	30.7	11.6	5.9
% change from 2000	-24.4	-24.4	-20.8	4.1	-4.1	-53.9

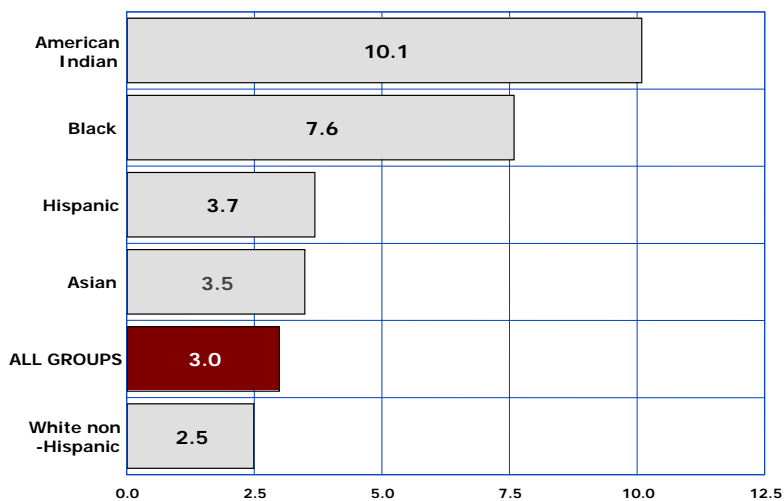
5-9 CERVICAL CANCER

2009



Number of deaths per 100,000 female population (age-adjusted to the 2000 standard).

2000

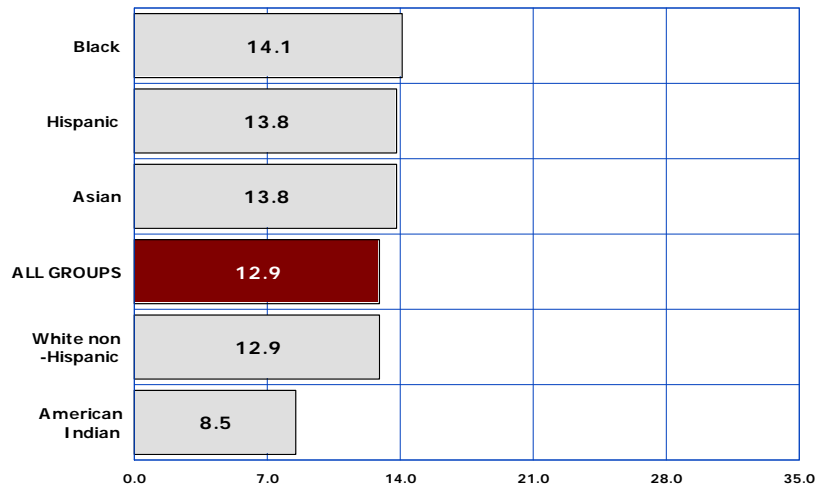


Number of deaths per 100,000 female population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 females by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	3.0	2.5	3.7	7.6	10.1	3.5
2009	1.8	1.5	2.1	2.2	4.1	2.9
% change from 2000	-40.0	-40.0	-43.2	-71.1	-59.4	-17.1

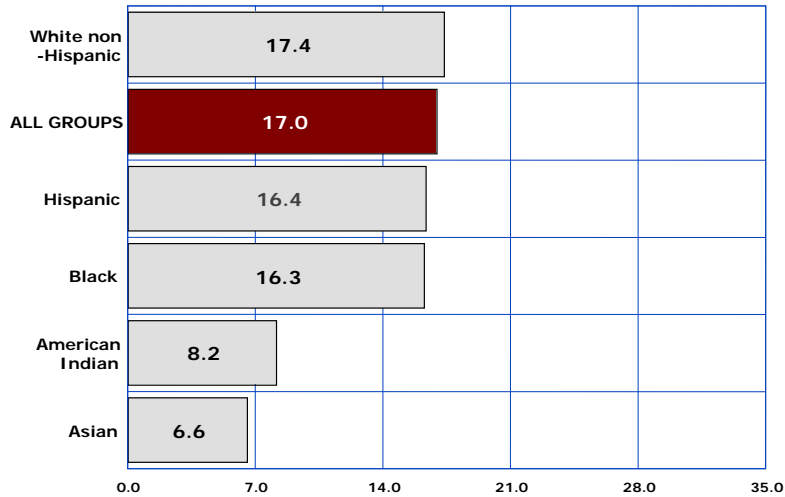
5-10 COLORECTAL CANCER

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

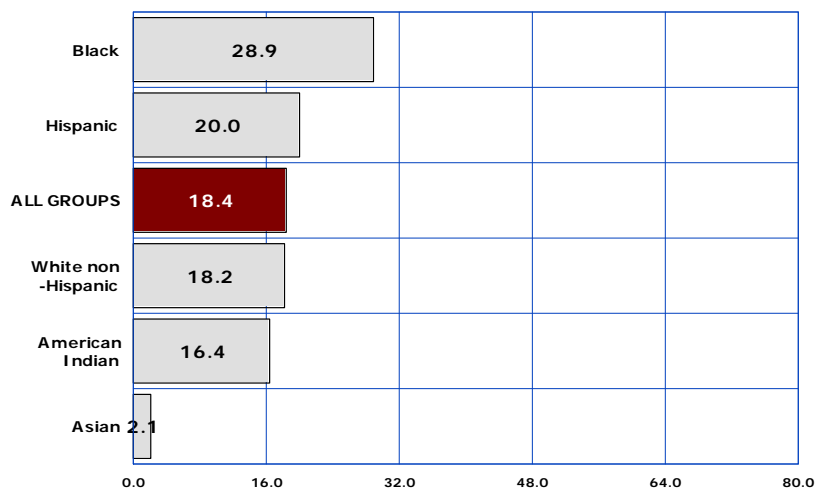


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	17.0	17.4	16.4	16.3	8.2	6.6
2009	12.9	12.9	13.8	14.1	8.5	13.8
% change from 2000	-24.1	-25.9	-15.9	-13.5	3.7	109.1

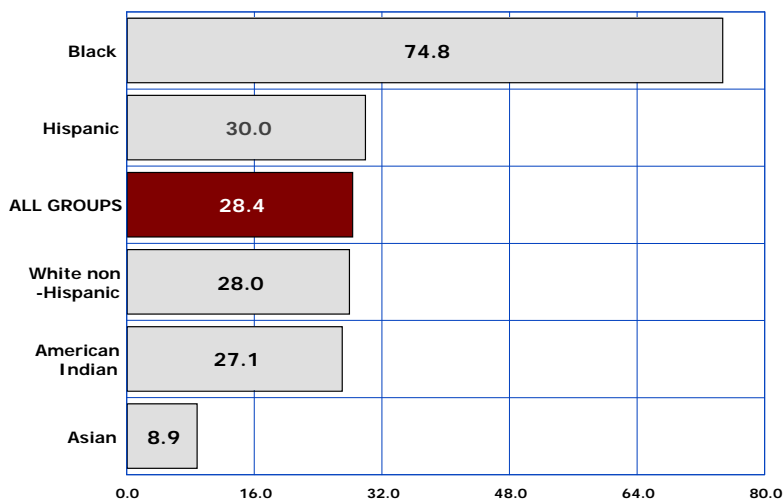
5-11 PROSTATE CANCER

2009



Number of deaths per 100,000 male population (age-adjusted to the 2000 standard).

2000

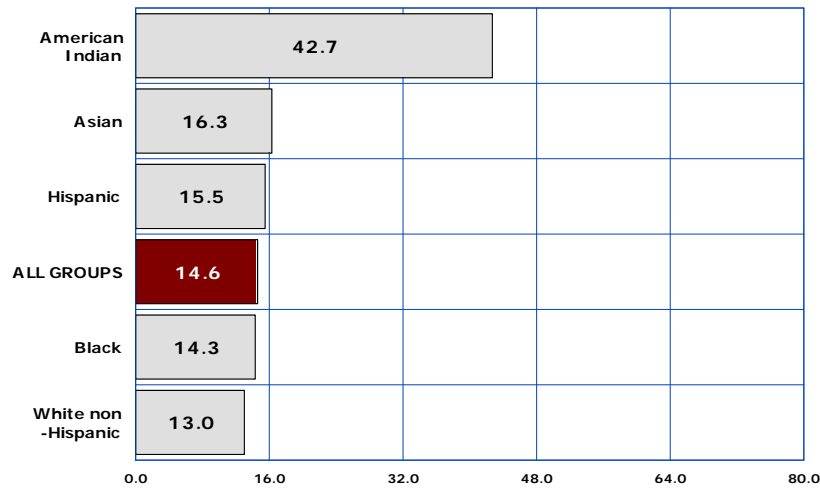


Number of deaths per 100,000 male population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 males by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	28.4	28.0	30.0	74.8	27.1	8.9
2009	18.4	18.2	20.0	28.9	16.4	2.1
% change from 2000	-35.2	-35.0	-33.3	-61.4	-39.5	-76.4

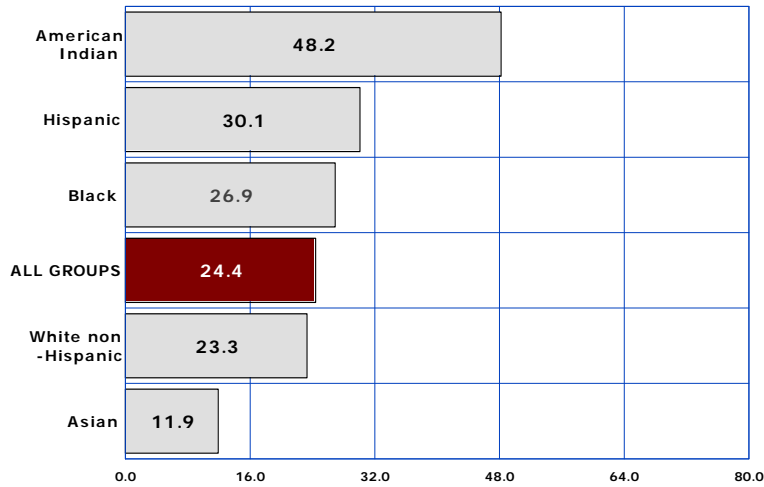
5-12 INFLUENZA AND PNEUMONIA

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

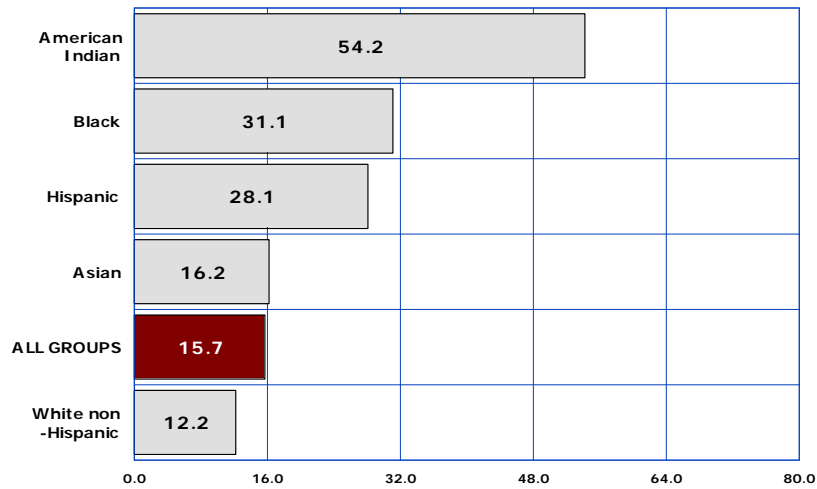


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	24.4	23.3	30.1	26.9	48.2	11.9
2009	14.6	13.0	15.5	14.3	42.7	16.3
% change from 2000	-40.2	-44.2	-48.5	-46.8	-11.4	37.0

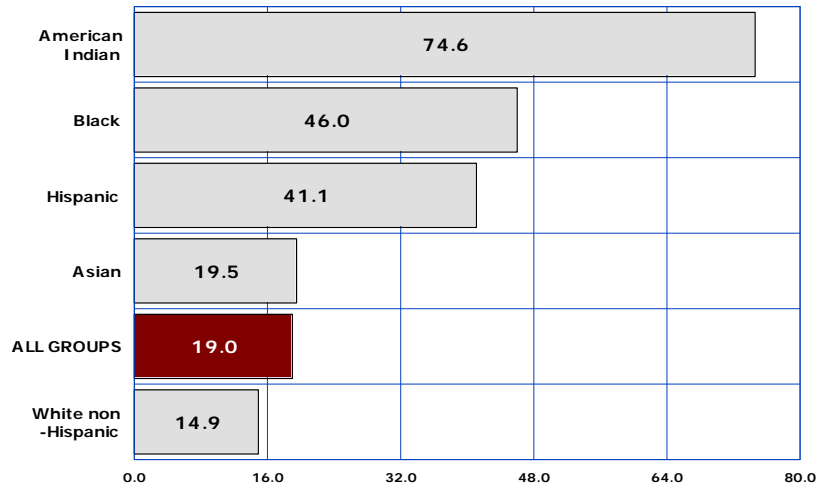
5-13 DIABETES

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

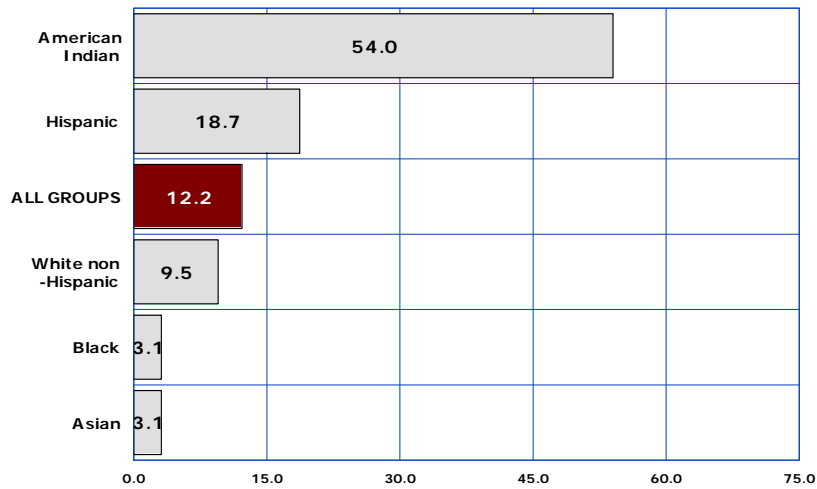


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	19.0	14.9	41.1	46.0	74.6	19.5
2009	15.7	12.2	28.1	31.1	54.2	16.2
% change from 2000	-17.4	-18.1	-31.6	-32.4	-27.3	-16.9

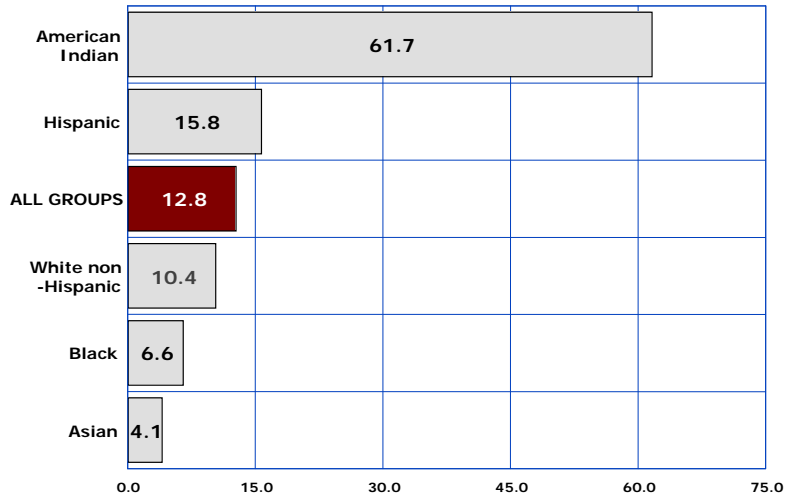
5-14 CHRONIC LIVER DISEASE AND CIRRHOSIS

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

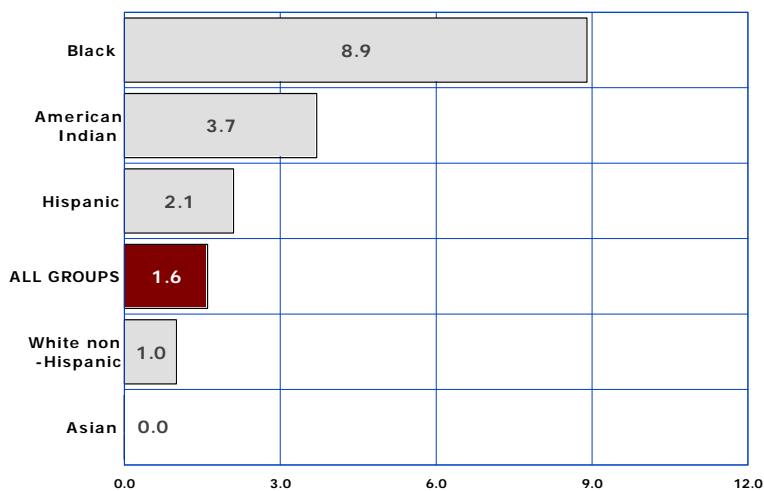


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	12.8	10.4	15.8	6.6	61.7	4.1
2009	12.2	9.5	18.7	3.1	54.0	3.1
% change from 2000	-4.7	-8.7	18.4	-53.0	-12.5	-24.4

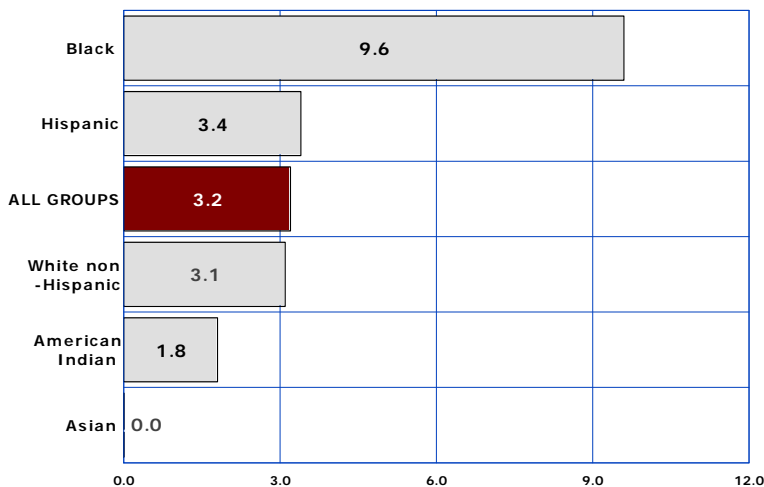
5-15 HIV DISEASE

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

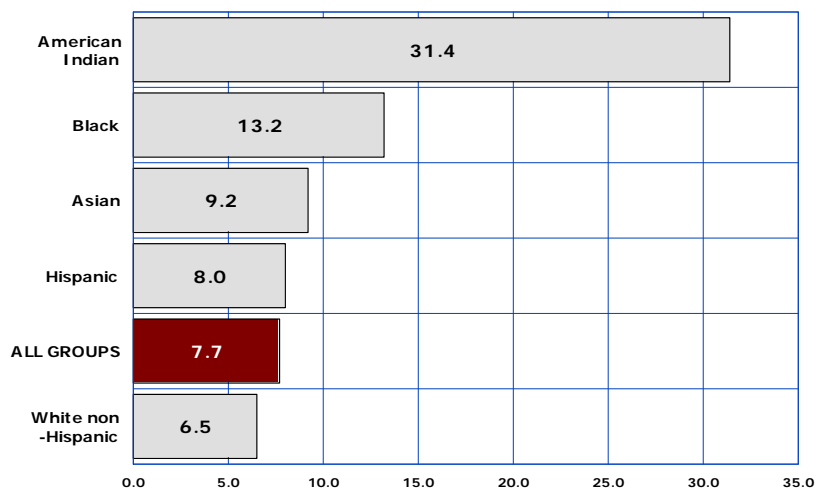


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	3.2	3.1	3.4	9.6	1.8	0.0
2009	1.6	1.0	2.1	8.9	3.7	0.0
% change from 2000	-50.0	-67.7	-38.2	-7.3	105.6	NA

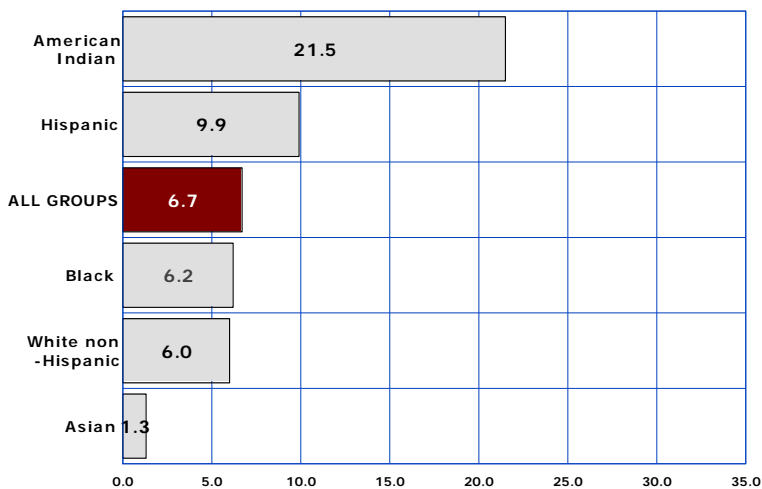
5-16 SEPTICEMIA

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

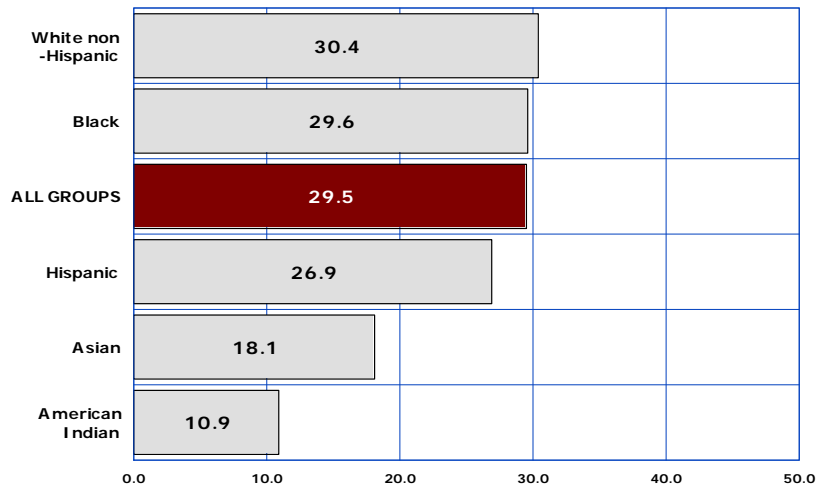


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	6.7	6.0	9.9	6.2	21.5	1.3
2009	7.7	6.5	8.0	13.2	31.4	9.2
% change from 2000	14.9	8.3	-19.2	112.9	46.0	607.7

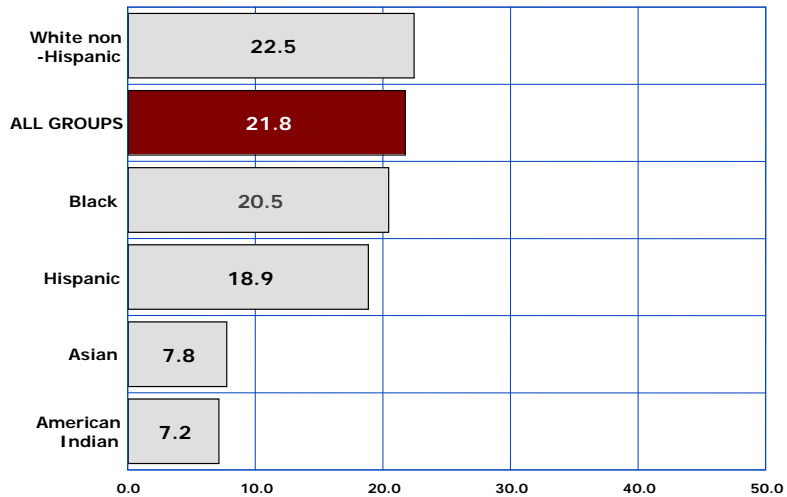
5-17 ALZHEIMER'S DISEASE

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

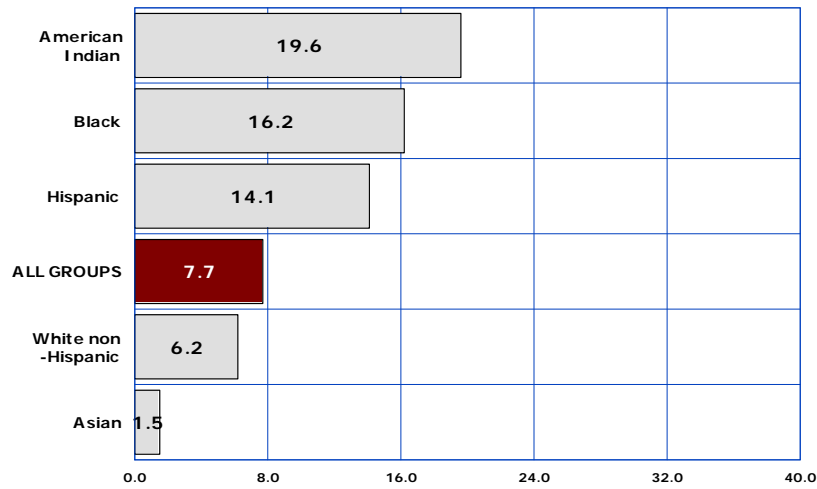


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	21.8	22.5	18.9	20.5	7.2	7.8
2009	29.5	30.4	26.9	29.6	10.9	18.1
% change from 2000	35.3	35.1	42.3	44.4	51.4	132.1

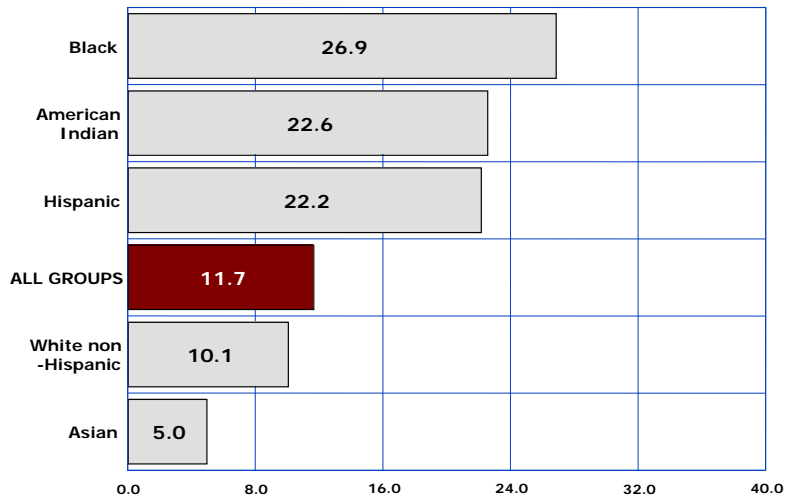
5-18 NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

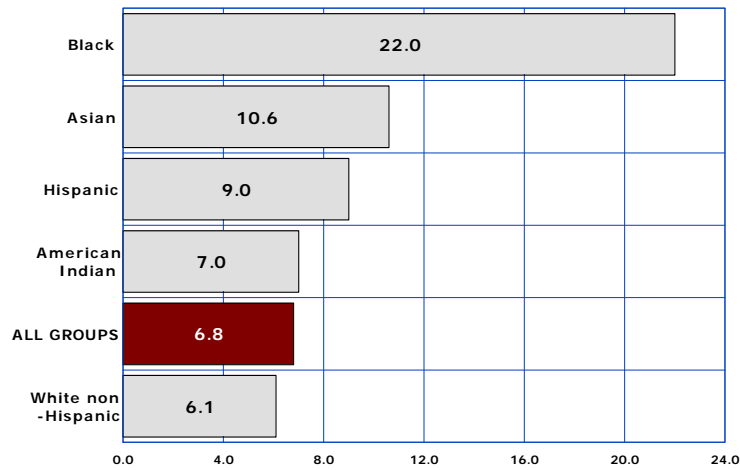


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	11.7	10.1	22.1	26.9	22.6	5.0
2009	7.7	6.2	14.1	16.2	19.6	1.5
% change from 2000	-34.2	-38.6	-36.2	-39.8	-13.3	-70.0

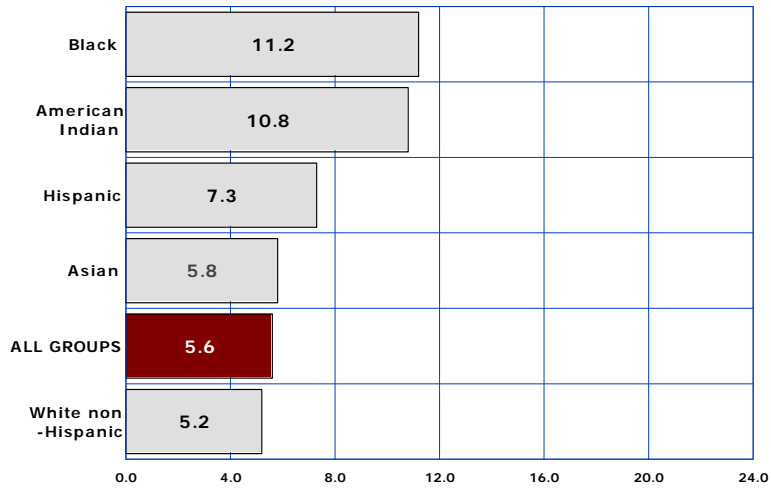
5-19 ESSENTIAL (PRIMARY) HYPERTENSION

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

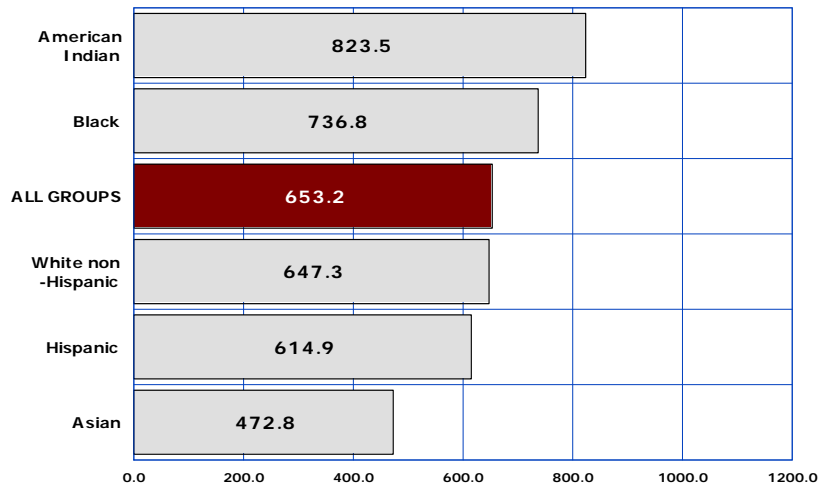


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	5.6	5.2	7.3	11.2	10.8	5.8
2009	6.8	6.1	9.0	22.0	7.0	10.6
% change from 2000	21.4	17.3	23.3	96.4	-35.2	82.8

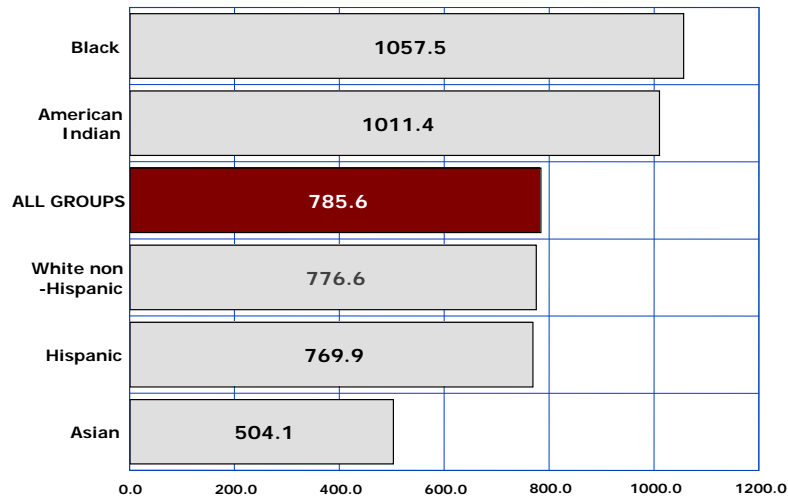
5-20 TOTAL MORTALITY FROM ALL CAUSES

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	785.6	776.6	769.9	1057.5	1011.4	504.1
2009	653.2	647.3	614.9	736.8	823.5	472.8
% change from 2000	-16.9	-16.6	-20.1	-30.3	-18.6	-6.2

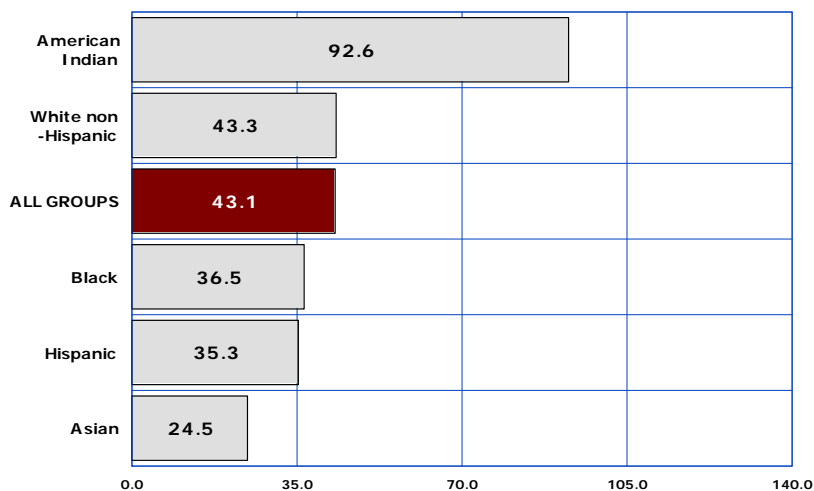
6

Mortality from Injuries

- 6-1 Unintentional Injuries
- 6-2 Motor Vehicle-Related Injuries
- 6-3 Fall-Related Injuries
- 6-4 Drowning
- 6-5 Injury by Firearms
- 6-6 Drug-Induced
- 6-7 Alcohol-Induced
- 6-8 Intentional Self-Harm (suicide)
- 6-9 Assault (homicide)

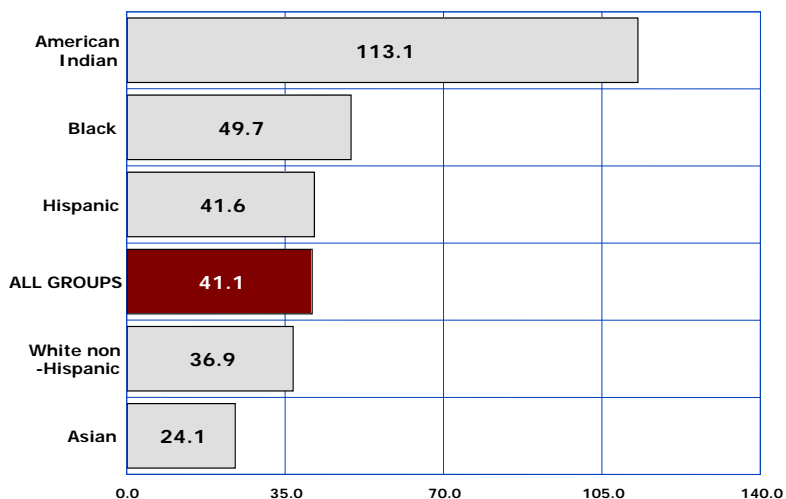
6-1 UNINTENTIONAL INJURIES

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

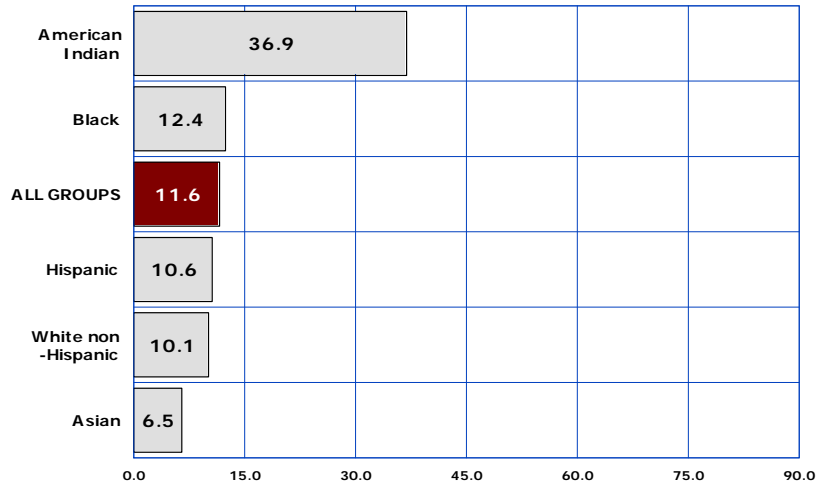


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	41.1	36.9	41.6	49.7	113.1	24.1
2009	43.1	43.3	35.3	36.5	92.6	24.5
% change from 2000	4.9	17.3	-15.1	-26.6	-18.1	1.7

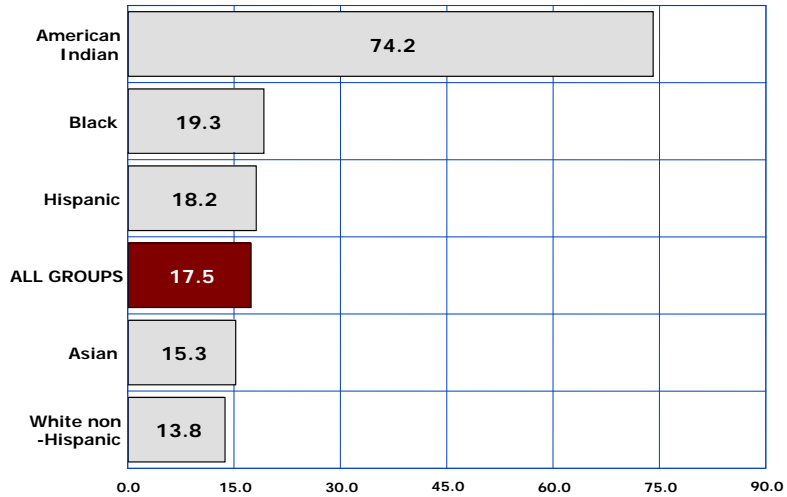
6-2 MOTOR VEHICLE-RELATED INJURIES

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

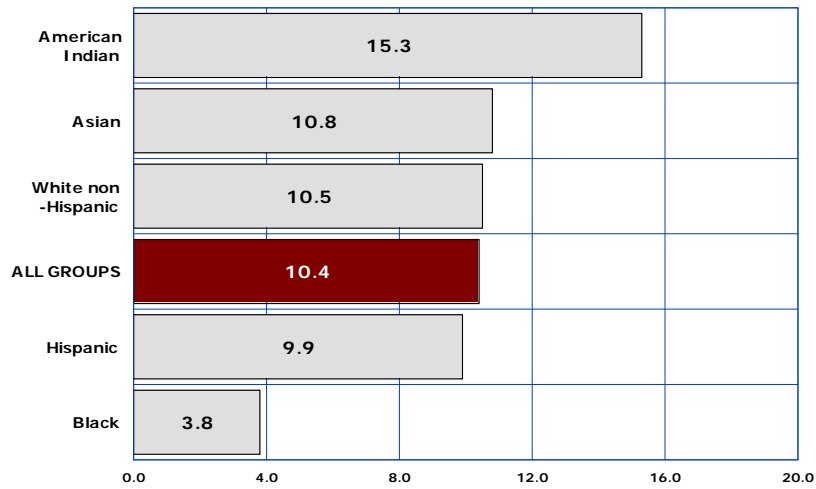


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	17.5	13.8	18.2	19.3	74.2	15.3
2009	11.6	10.1	10.6	12.4	36.9	6.5
% change from 2000	-33.7	-26.8	-41.8	-35.8	-50.3	-57.5

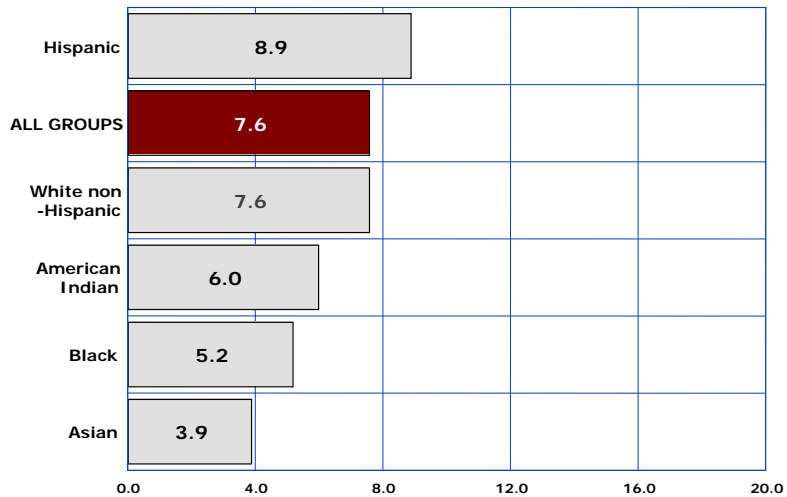
6-3 FALL-RELATED INJURIES

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

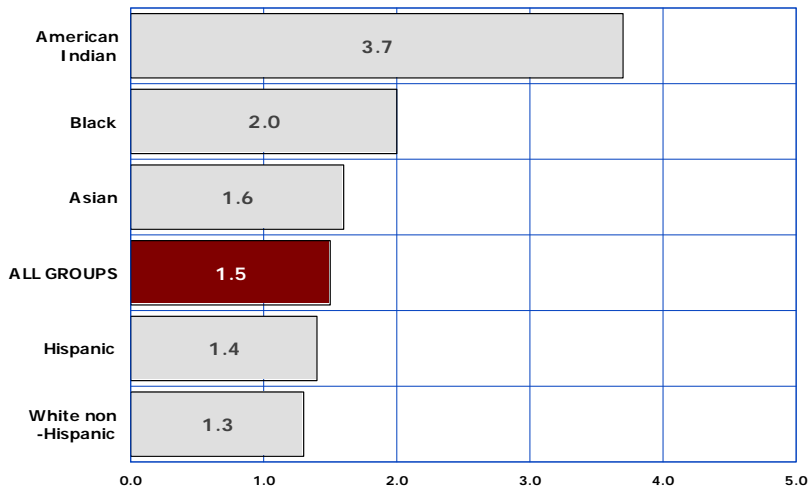


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	7.6	7.6	8.9	5.2	6.0	3.9
2009	10.4	10.5	9.9	3.8	15.3	10.8
% change from 2000	36.8	38.2	11.2	-26.9	155.0	176.9

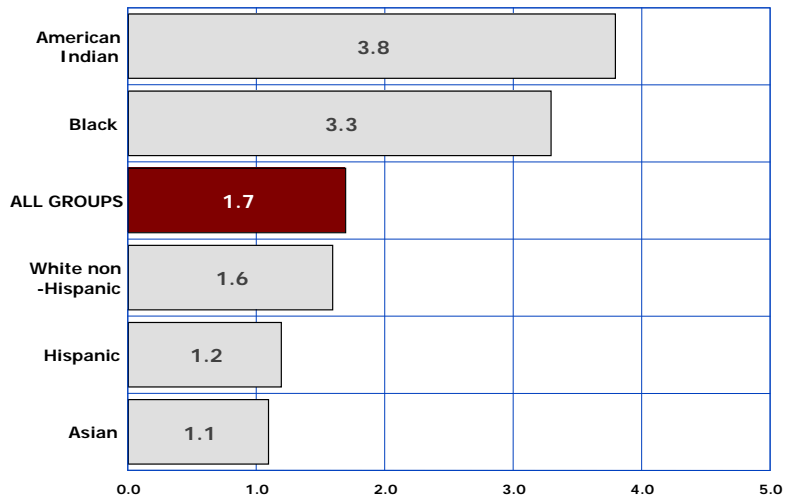
6-4 DROWNING

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

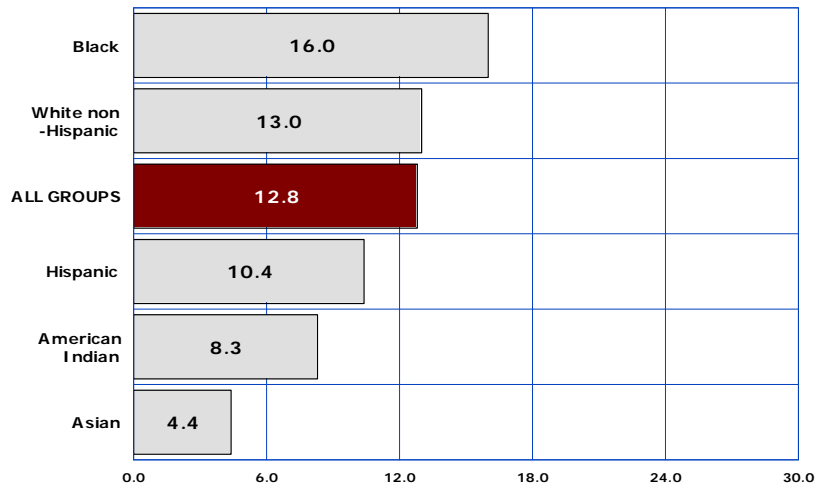


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	1.7	1.6	1.2	3.3	3.8	1.1
2009	1.5	1.3	1.4	2.0	3.7	1.6
% change from 2000	-11.8	-18.8	16.7	-39.4	-2.6	45.5

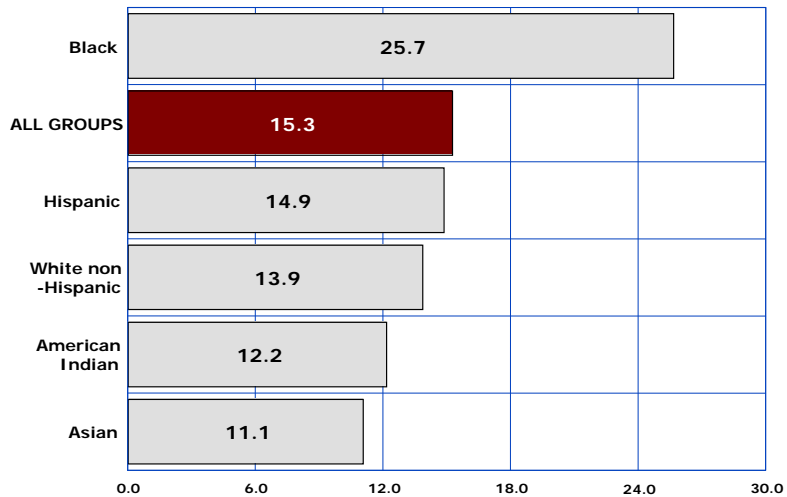
6-5 FIREARM-RELATED

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

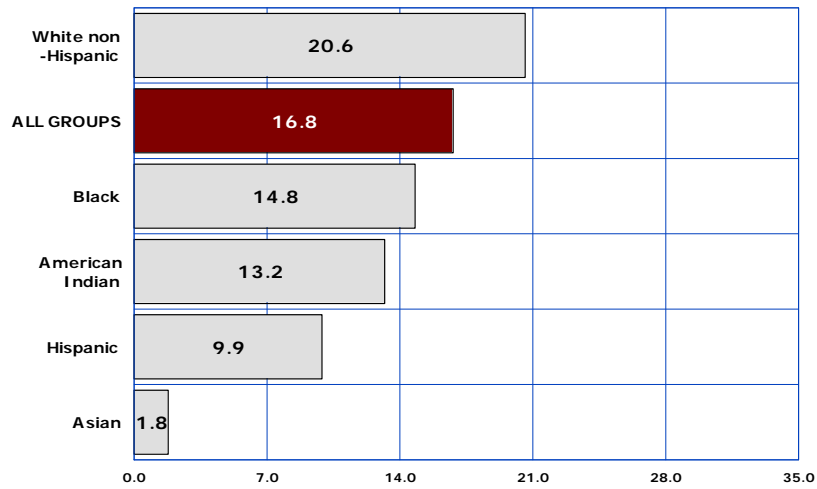
COMPARATIVE RATES FOR 2000 AND 2009

Number of deaths per 100,000 population by race/ethnicity

Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	15.3	13.9	14.9	25.7	12.2	11.1
2009	12.8	13.0	10.4	16.0	8.3	4.4
% change from 2000	-16.3	-6.5	-30.2	-37.7	-32.0	-60.4

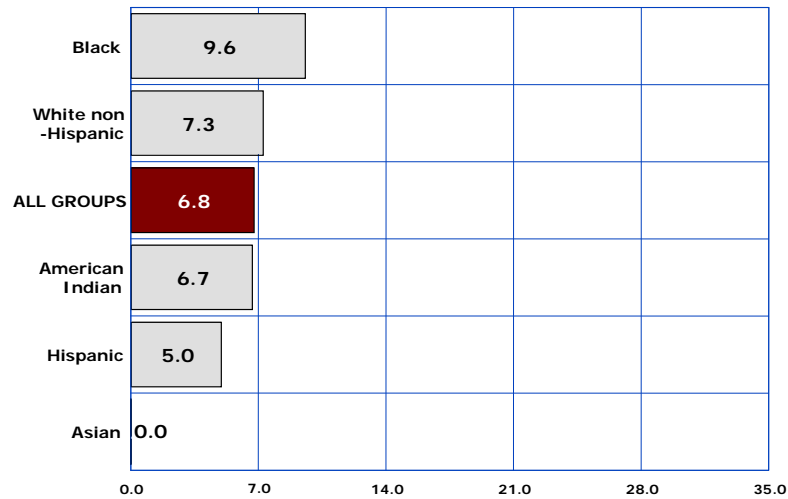
6-6 DRUG-INDUCED

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

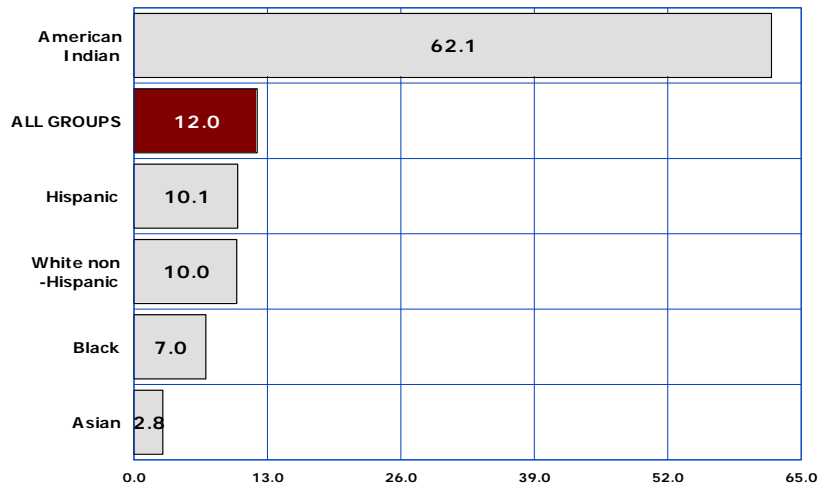


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	6.8	7.3	5.0	9.6	6.7	0.0
2009	16.8	20.6	9.9	14.8	13.2	1.8
% change from 2000	147.1	182.2	98.0	54.2	97.0	NA

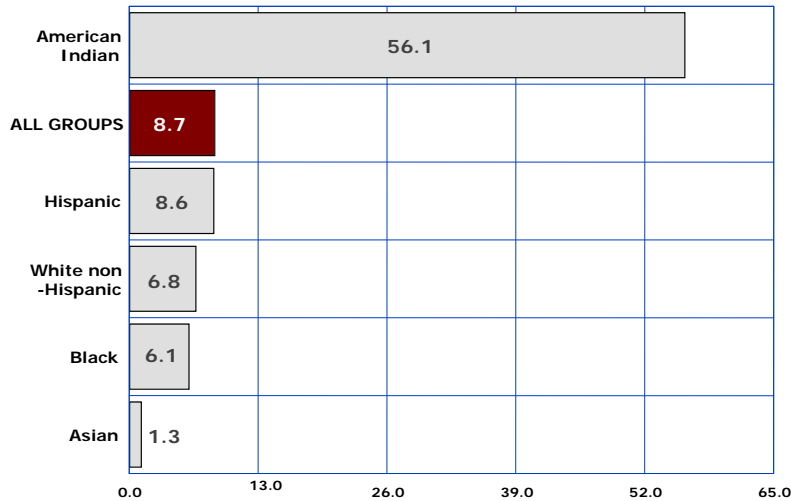
6-7 ALCOHOL-INDUCED

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

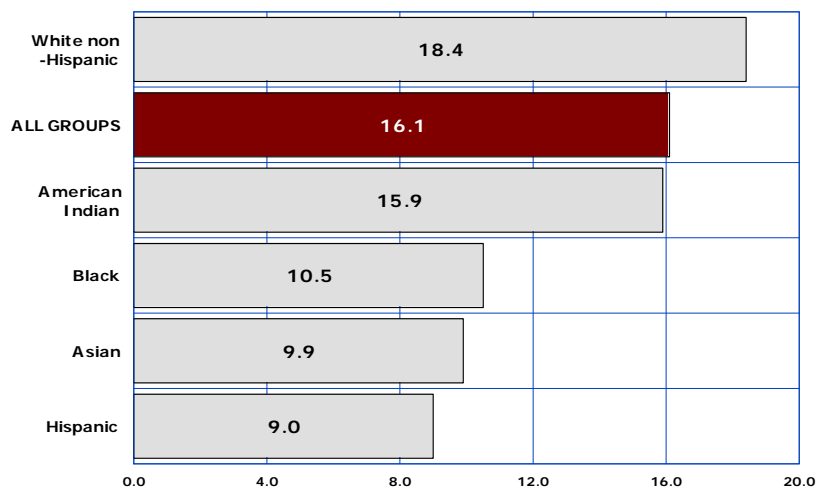


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	8.7	6.8	8.6	6.1	56.1	1.3
2009	12.0	10.0	10.1	7.0	62.1	2.8
% change from 2000	37.9	47.1	17.4	14.8	10.7	115.4

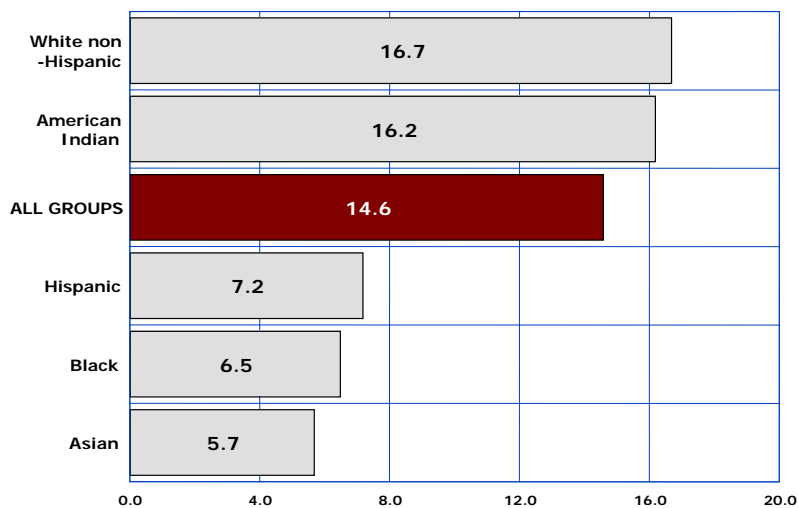
6-8 INTENTIONAL SELF-HARM (SUICIDE)

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000

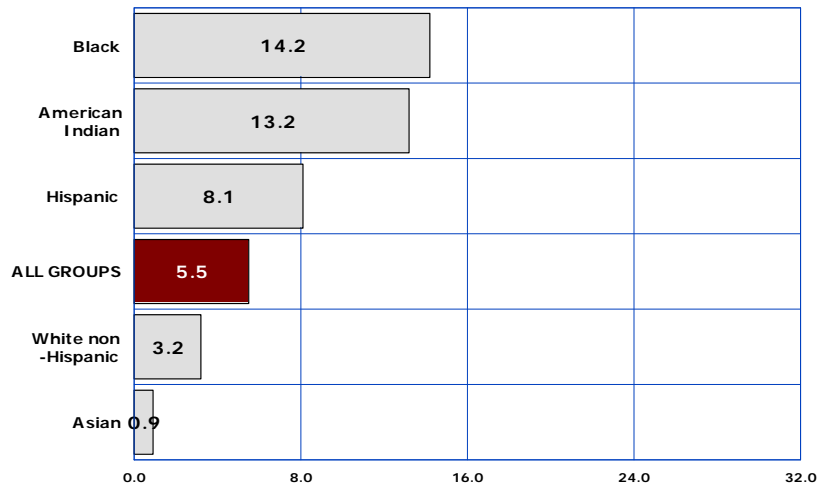


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	14.6	16.7	7.2	6.5	16.2	5.7
2009	16.1	18.4	9.0	10.5	15.9	9.9
% change from 2000	10.3	10.2	25.0	61.5	-1.9	73.7

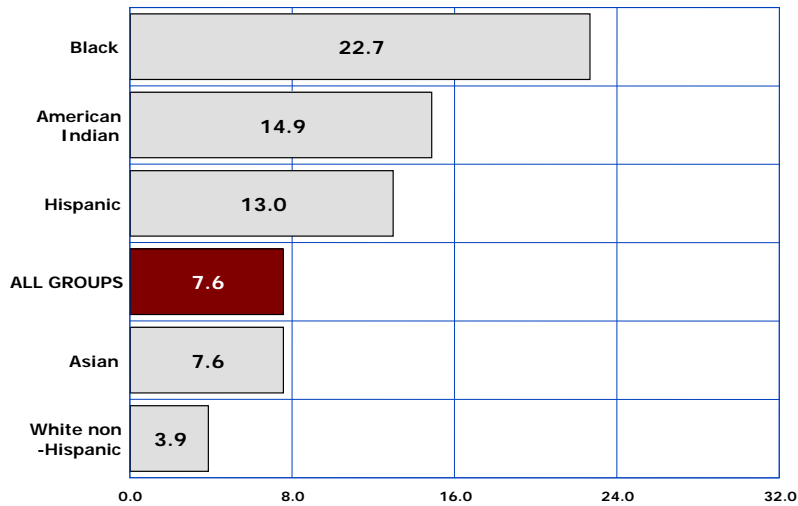
6-9 ASSAULT (HOMICIDE)

2009



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

2000



Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	7.6	3.9	13.0	22.7	14.9	7.6
2009	5.5	3.2	8.1	14.2	13.2	0.9
% change from 2000	-27.6	-17.9	-37.7	-37.4	-11.4	-88.2

7

Age-Specific Mortality

7-1 Children 1-14 Years Old

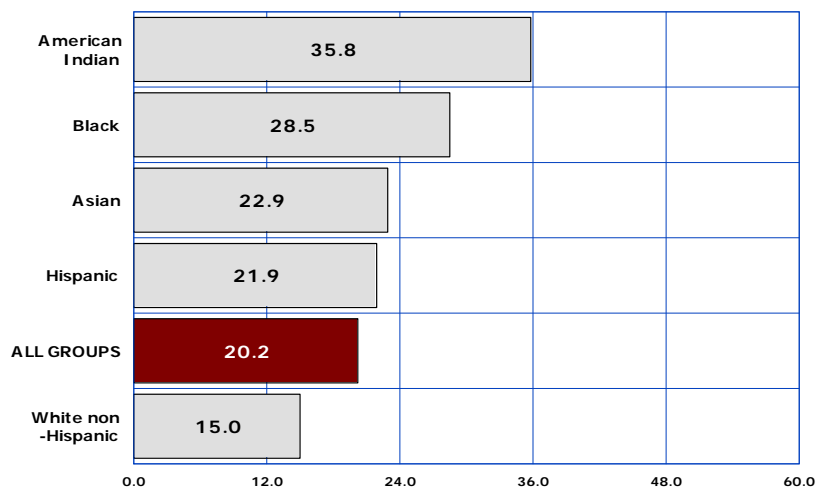
7-2 Adolescents 15-19 Years Old

7-3 Young Adults 20-44 Years Old

7-4 Middle-Age Adults 45-64 Years Old

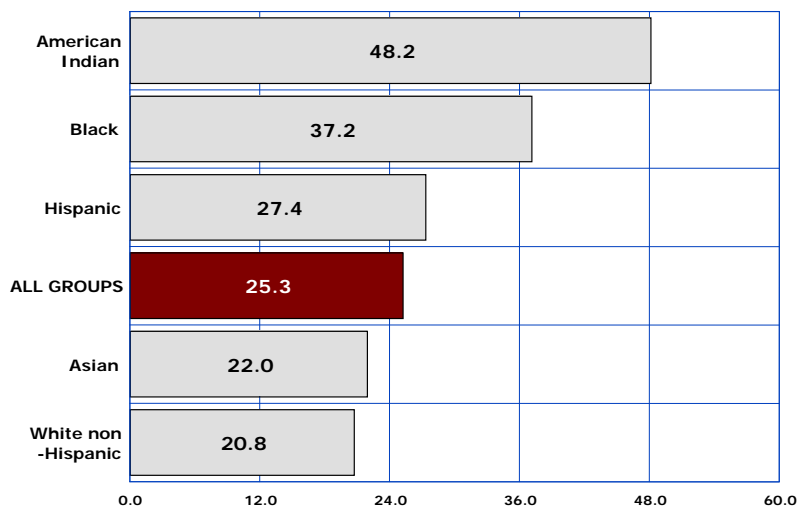
7-1 CHILDREN 1-14 YEARS OLD

2009



Number of deaths per 100,000 children 1-14 years.

2000

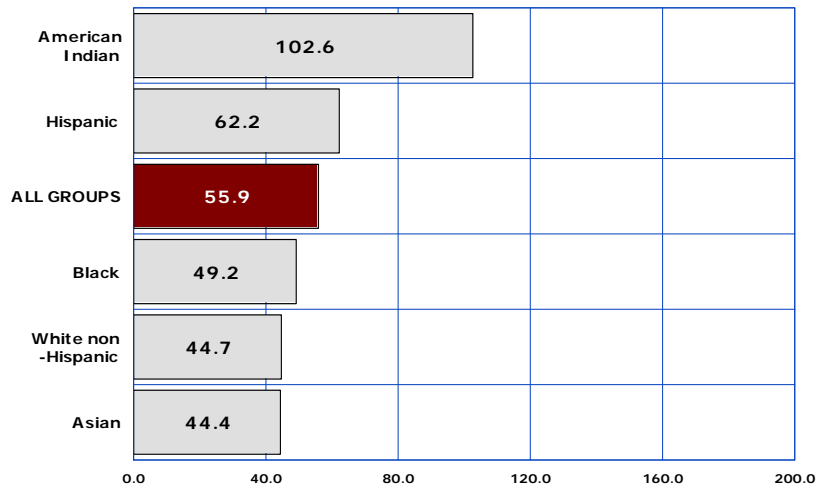


Number of deaths per 100,000 children 1-14 years.

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 children 1-14 years old by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	25.3	20.8	27.4	37.2	48.2	22.0
2009	20.2	15.0	21.9	28.5	35.8	22.9
% change from 2000	-20.2	-27.9	-20.1	-23.4	-25.7	4.1

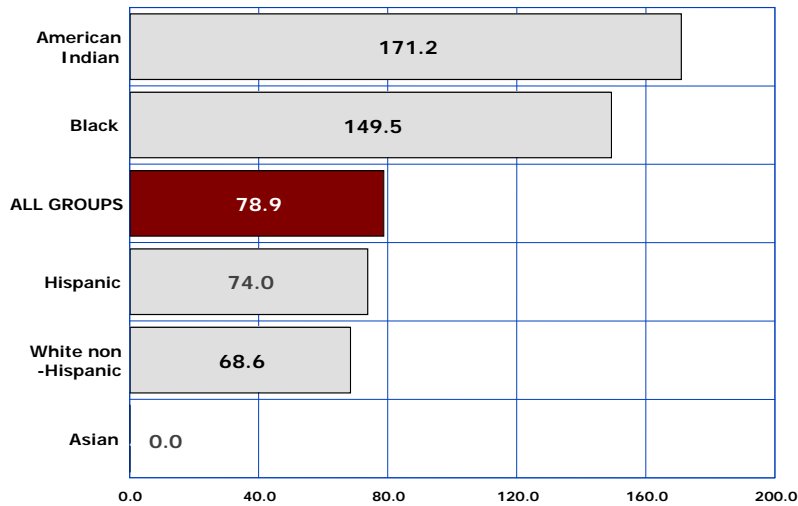
7-2 ADOLESCENTS 15-19 YEARS OLD

2009



Number of deaths per 100,000 adolescents 15-19 years.

2000

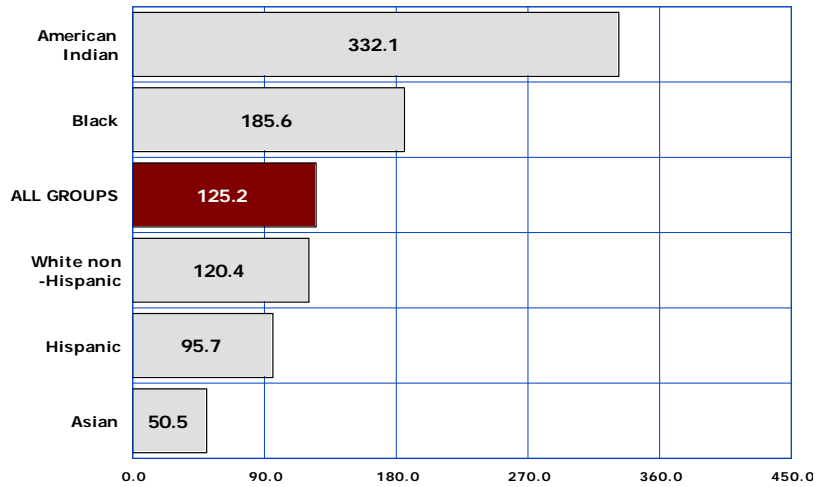


Number of deaths per 100,000 adolescents 15-19 years.

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 adolescents 15-19 years old by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	78.9	68.6	74.0	149.5	171.2	0.0
2009	55.9	44.7	62.2	49.2	102.6	44.4
% change from 2000	-29.2	-34.8	-15.9	-67.1	-40.1	NA

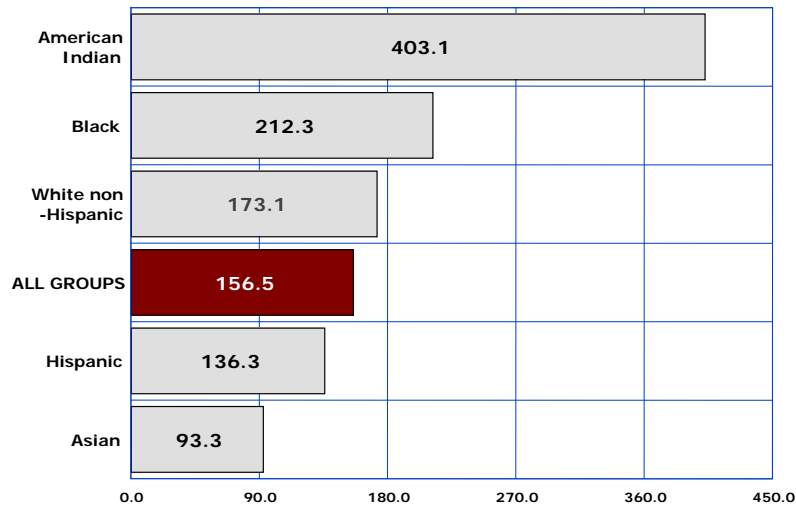
7-3 YOUNG ADULTS 20-44 YEARS OLD

2009



Number of deaths per 100,000 young adults 20-44 years.

2000

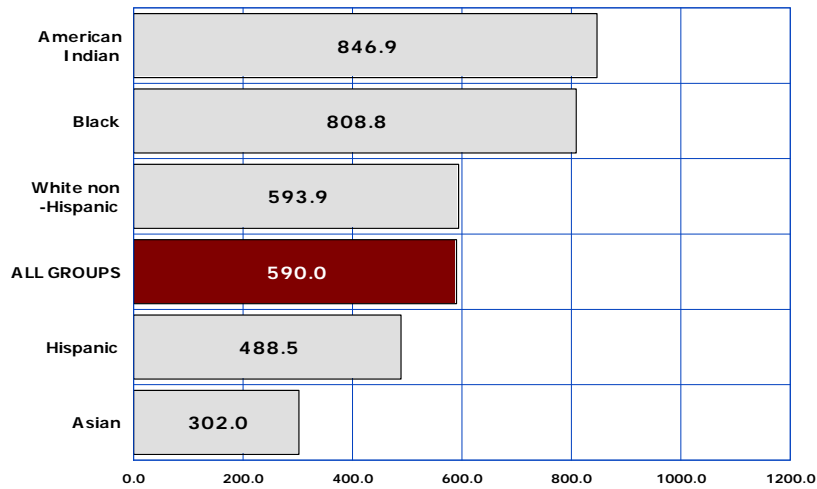


Number of deaths per 100,000 young adults 20-44 years.

COMPARATIVE RATES FOR 2000 AND 2009						
Number of deaths per 100,000 young adults 20-44 years old by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	156.5	173.1	136.3	212.3	403.1	93.3
2009	125.2	120.4	95.7	185.6	332.1	50.5
% change from 2000	-20.0	-30.4	-29.8	-12.6	-17.6	-45.9

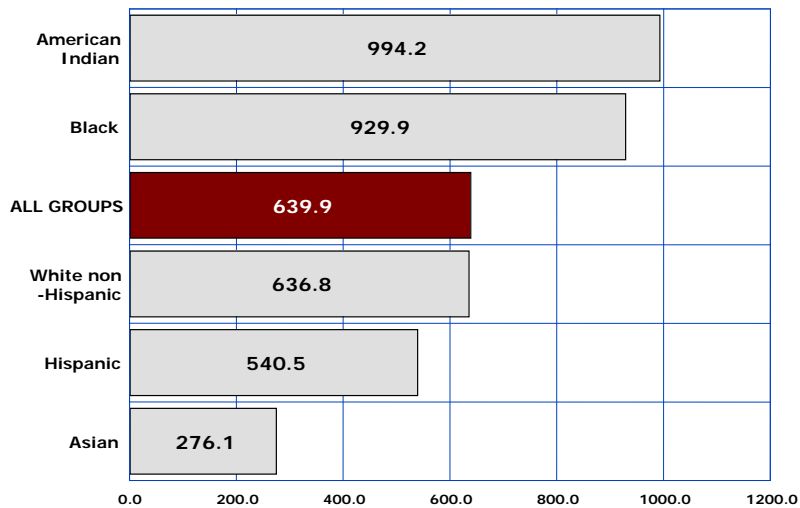
7-4 MIDDLE-AGE ADULTS 45-64 YEARS OLD

2009



Number of deaths per 100,000 middle-age adults 45-64 years.

2000



Number of deaths per 100,000 middle-age adults 45-64 years.

COMPARATIVE RATES FOR 2000 AND 2009

Number of deaths per 100,000 middle-age adults 45-64 years old by race/ethnicity

Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	633.9	636.8	540.5	929.9	994.2	276.1
2009	590.0	593.9	488.5	808.8	846.9	302.0
% change from 2000	-6.9	-6.7	-9.6	-13.0	-14.8	9.4

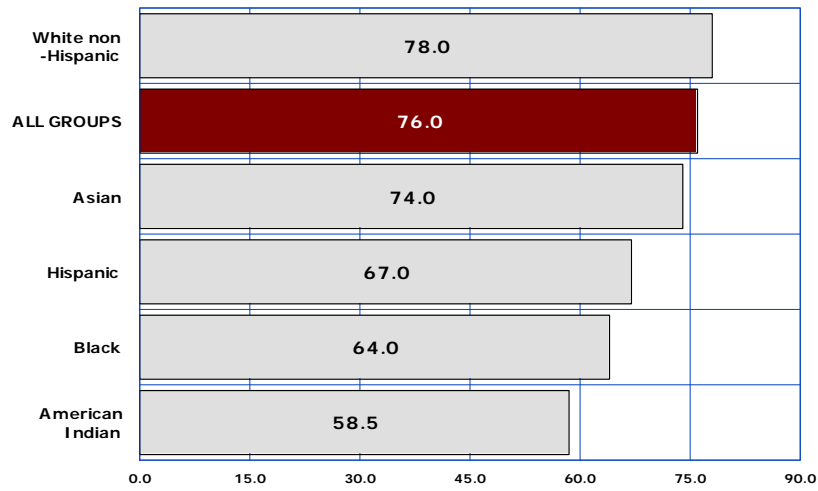
8

Patterns of Premature Mortality

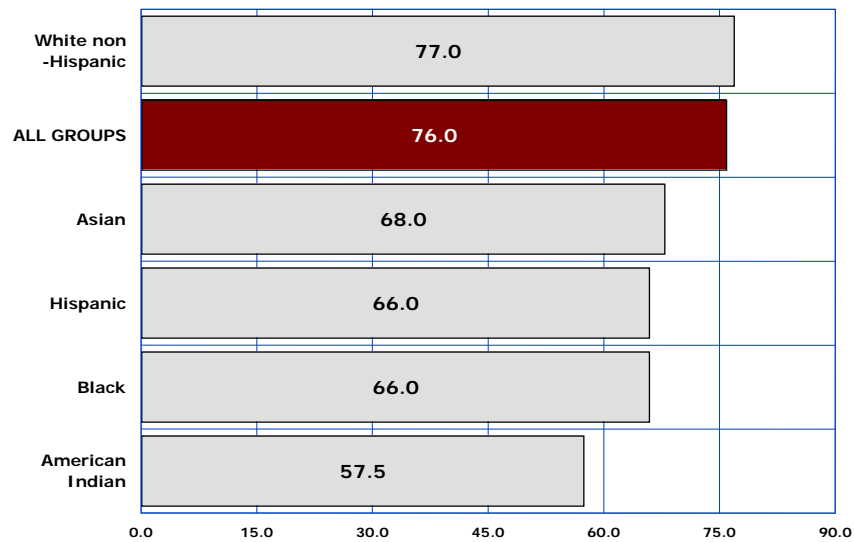
- 8-1 Median Age At Death From All Causes Among Arizona Residents**
- 8-2 Median Age At Death From All Causes Among Arizona Males**
- 8-3 Median Age At Death From All Causes Among Arizona Females**
- 8-4 Percent of Total Deaths Before Expected Years of Life Reached**

8-1 MEDIAN AGE AT DEATH FROM ALL CAUSES

2009



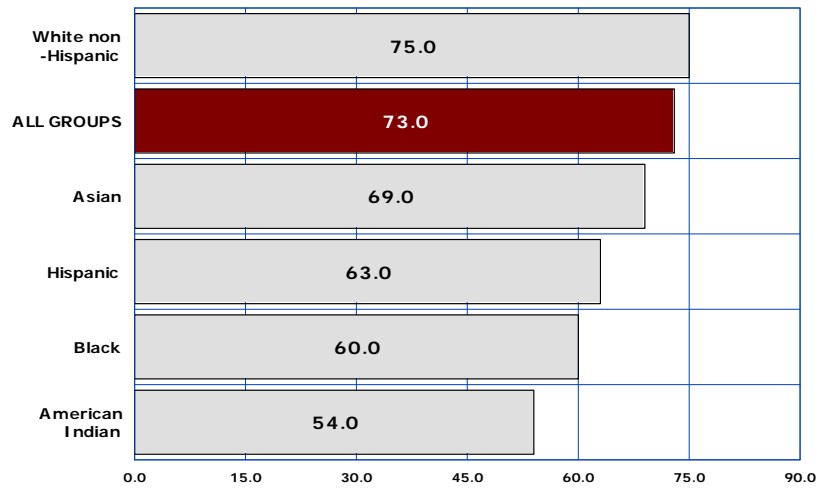
2000



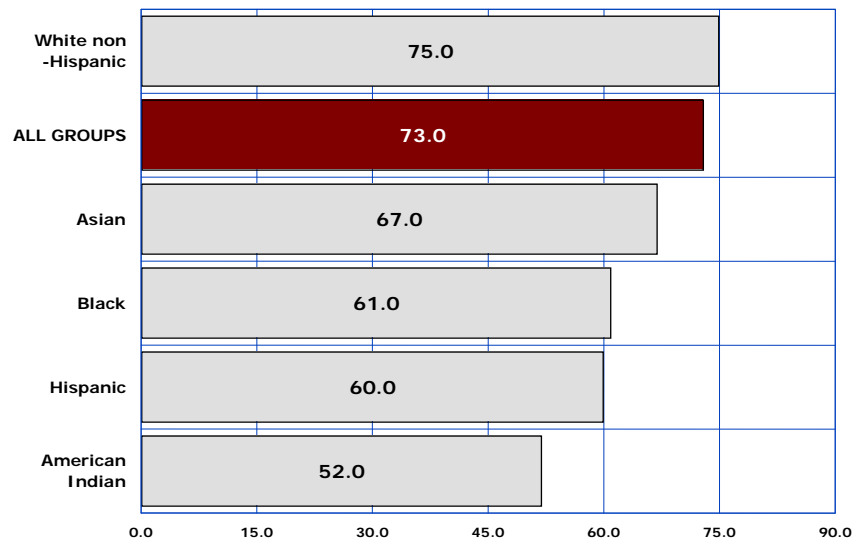
MEDIAN AGE AT DEATH IN 2000 AND 2009						
By race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	76.0	77.0	66.0	66.0	57.5	68.0
2009	76.0	78.0	67.0	64.0	58.5	74.0
% change from 2000	0.0	1.3	1.5	-3.0	1.7	8.8

8-2 MEDIAN AGE AT DEATH FROM ALL CAUSES AMONG MALES

2009



2000

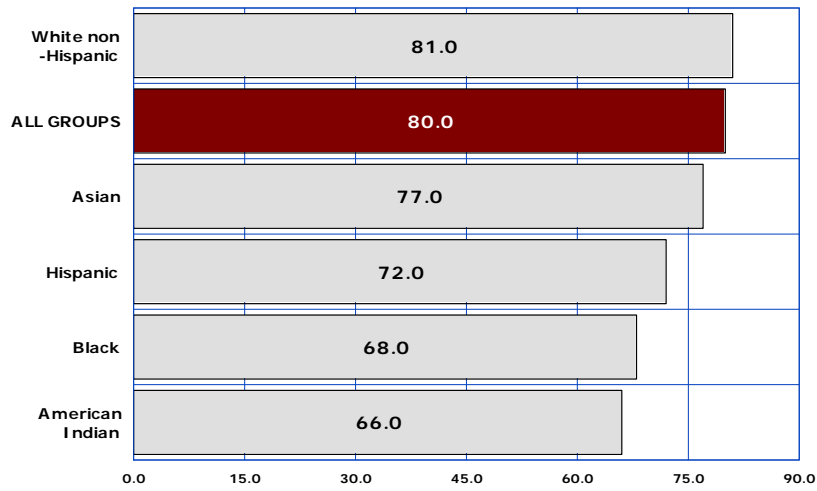


MEDIAN AGE AT DEATH AMONG MALES IN 2000 AND 2009

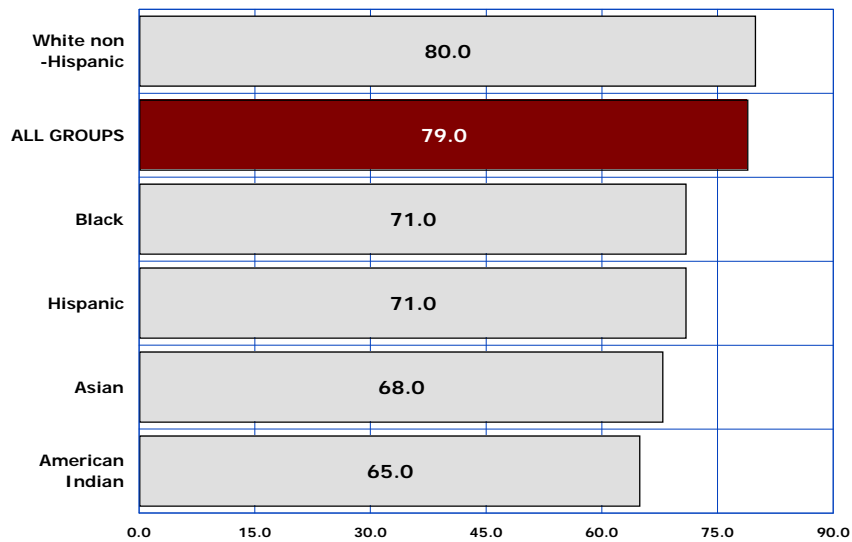
By race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	73.0	75.0	60.0	61.0	52.0	67.0
2009	73.0	75.0	63.0	60.0	54.0	69.0
% change from 2000	0.0	0.0	5.0	-1.6	3.8	3.0

8-3 MEDIAN AGE AT DEATH FROM ALL CAUSES AMONG FEMALES

2009



2000

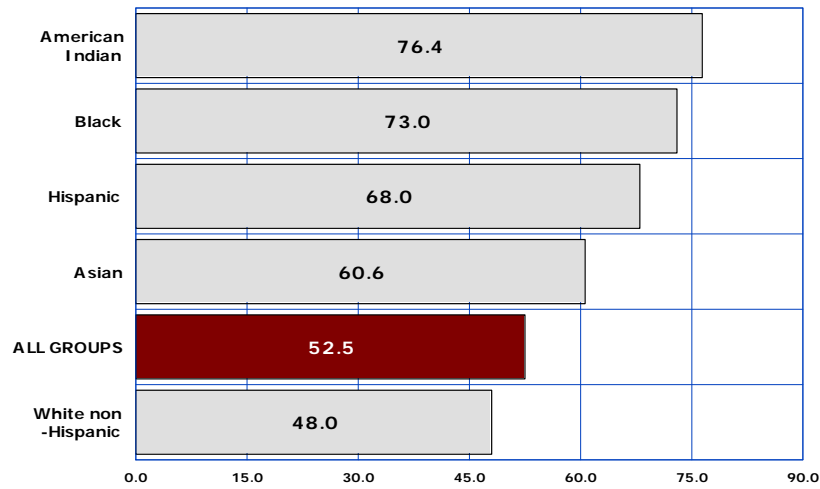


MEDIAN AGE AT DEATH AMONG FEMALES IN 2000 AND 2009

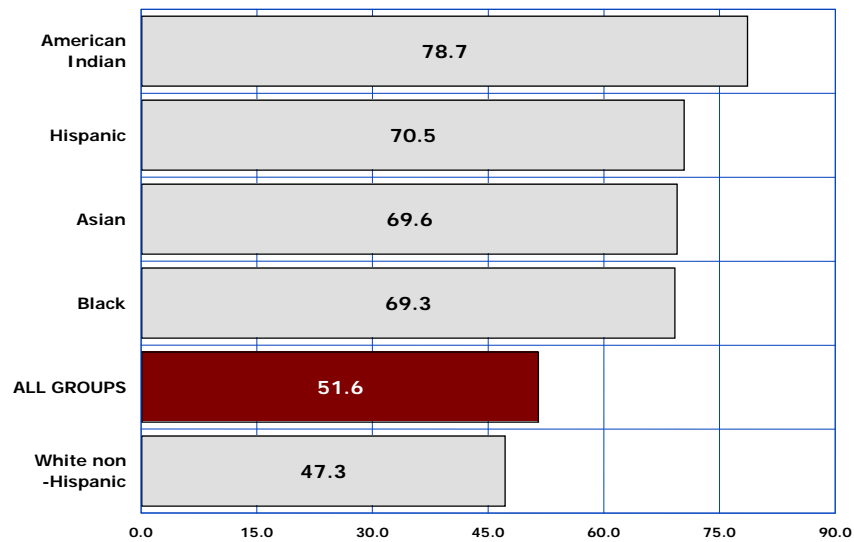
By race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	79.0	80.0	71.0	71.0	65.0	68.0
2009	80.0	81.0	72.0	68.0	66.0	77.0
% change from 2000	1.3	1.3	1.4	-4.2	1.5	13.2

8-4 PERCENT OF TOTAL DEATHS BEFORE EXPECTED YEARS OF LIFE REACHED

2009



2000



DEATHS BEFORE EXPECTED YEARS OF LIFE REACHED IN 2000 AND 2009

By race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	51.6	47.3	70.5	69.3	78.7	69.6
2009	52.5	48.0	68.0	73.0	76.4	60.6
% change from 2000	1.7	1.5	-3.5	5.3	-2.9	-12.9

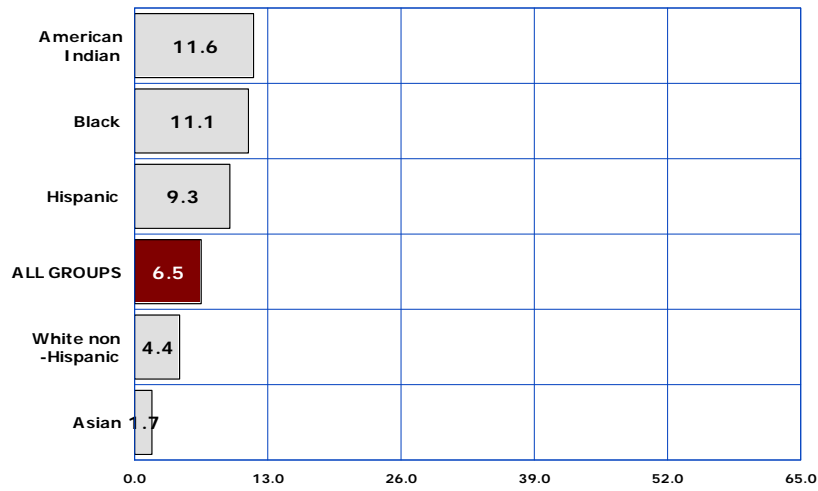
9

The Incidence of Reportable Diseases

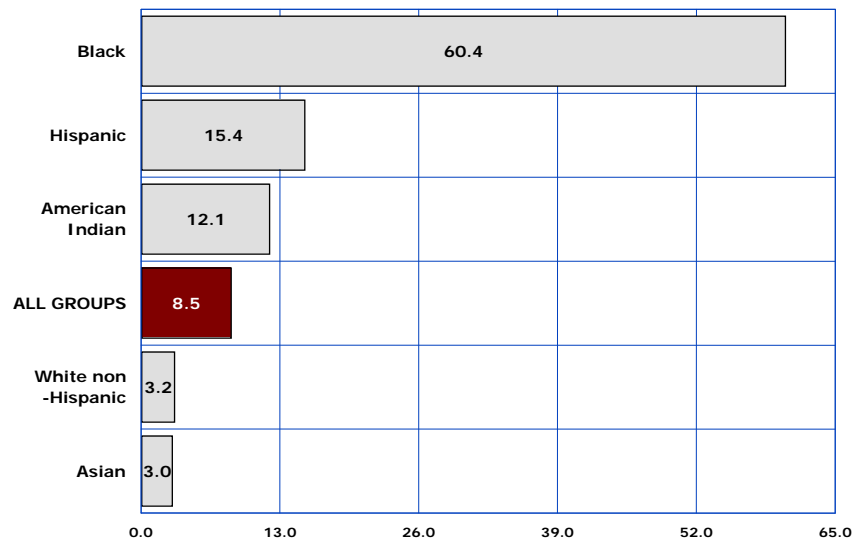
- 9-1 Rates of Early Syphilis
- 9-2 Rates of Gonorrhea
- 9-3 Rates of Chlamydia
- 9-4 Rates of Genital Herpes
- 9-5 Rates of HIV/AIDS

9-1 RATES OF EARLY SYPHILIS

2009



2000

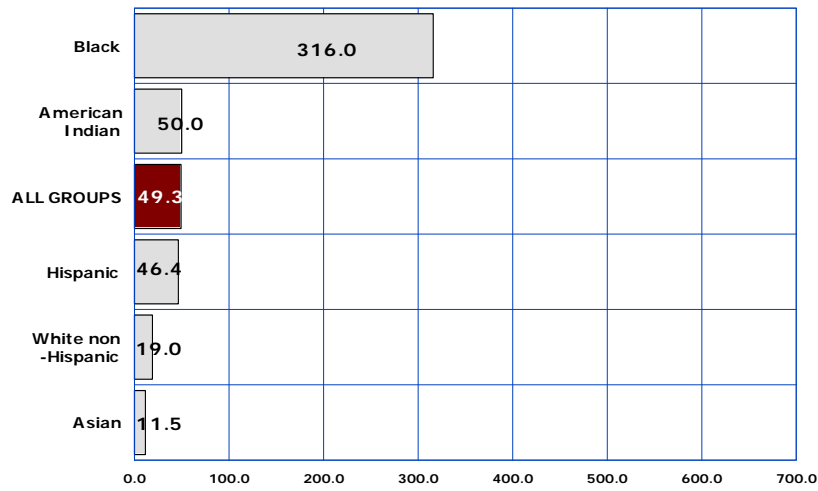


COMPARATIVE RATES FOR 2000 AND 2009

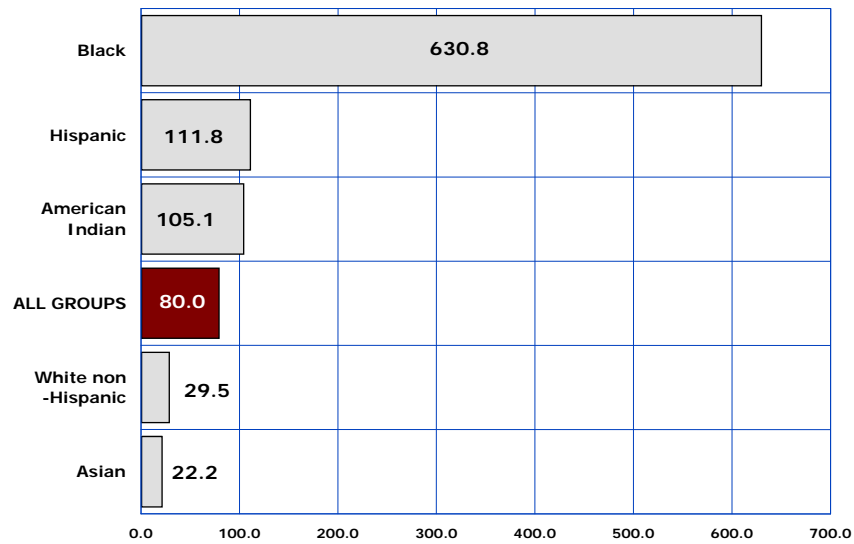
Number of reported cases per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	8.5	3.2	15.4	60.4	12.1	3.0
2009	6.5	4.4	9.3	11.1	11.6	1.7
% change from 2000	-23.5	37.5	-39.6	-81.6	-4.1	-43.3

9-2 RATES OF GONORRHEA

2009



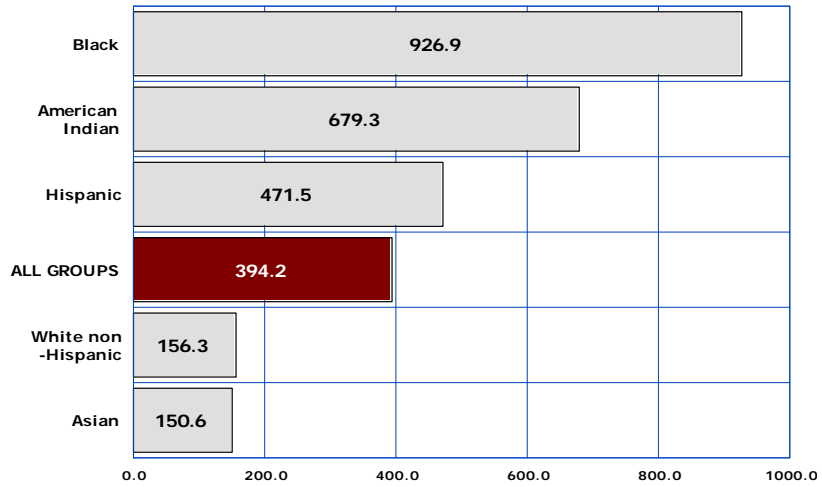
2000



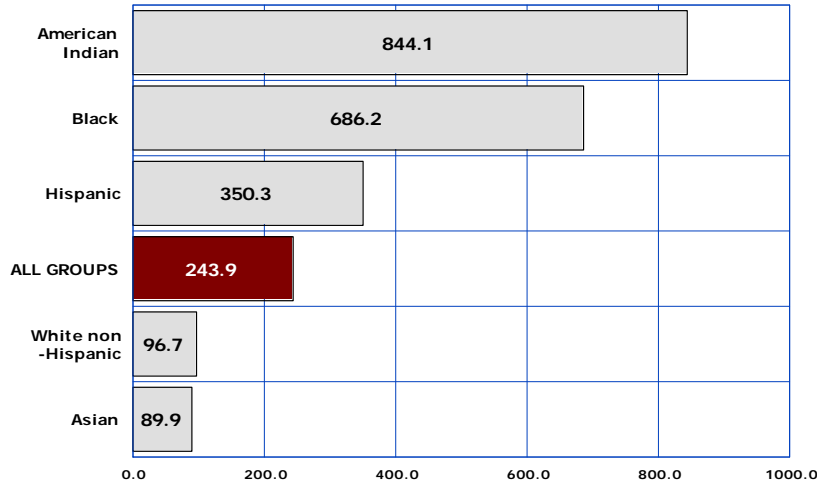
COMPARATIVE RATES FOR 2000 AND 2009						
Number of reported cases per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	80.0	29.5	111.8	630.8	105.1	22.2
2009	49.3	19.0	46.4	316.0	50.0	11.5
% change from 2000	-38.4	-35.6	-58.5	-49.9	-52.4	-48.2

9-3 RATES OF CHLAMYDIA

2009



2000



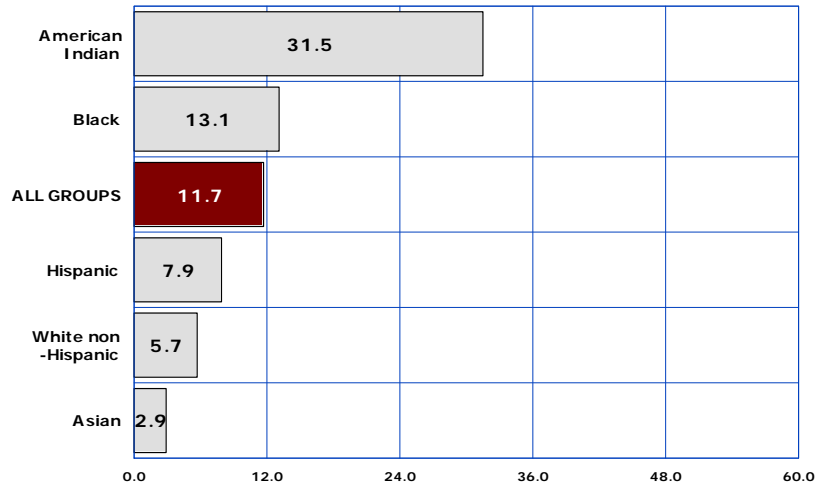
COMPARATIVE RATES FOR 2000 AND 2009

Number of reported cases per 100,000 population by race/ethnicity

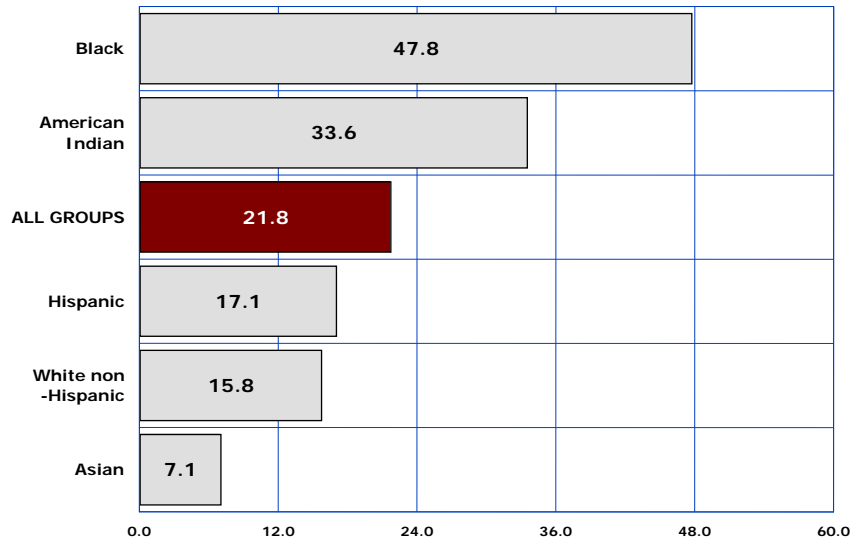
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	243.9	96.7	350.3	686.2	844.1	89.9
2009	394.2	156.3	471.5	926.9	679.3	150.6
% change from 2000	61.6	61.6	34.6	35.1	-19.5	67.5

9-4 RATES OF GENITAL HERPES

2009



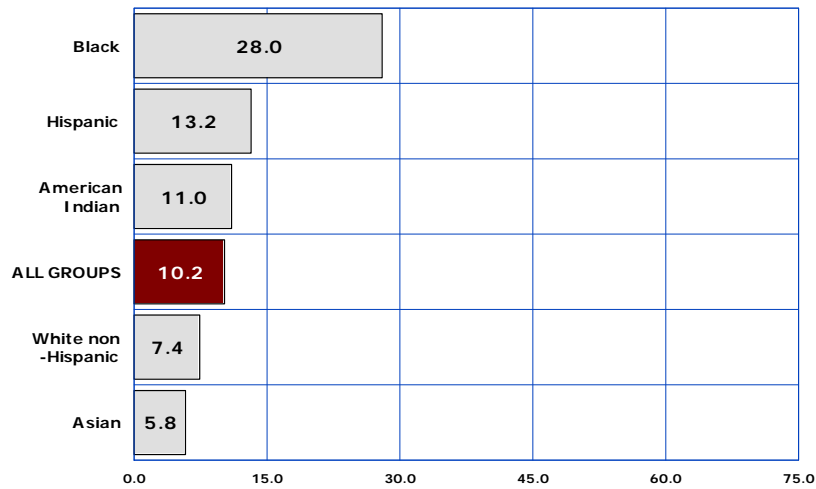
2000



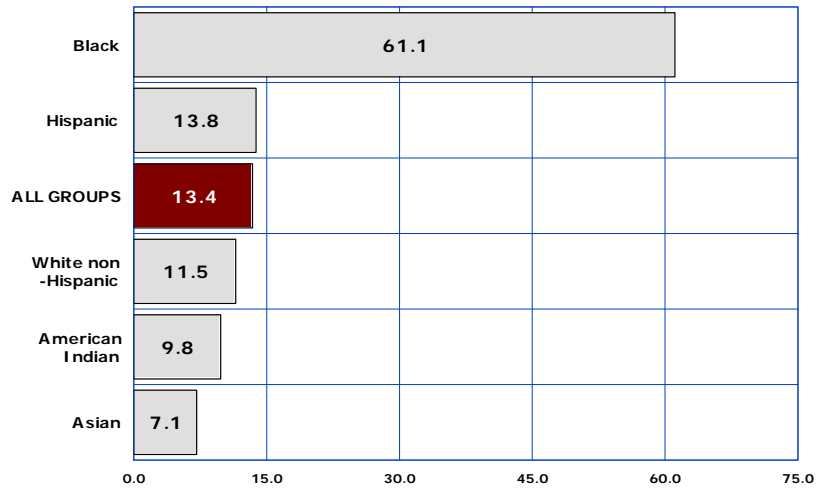
COMPARATIVE RATES FOR 2000 AND 2009						
Number of reported cases per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	21.8	15.8	17.1	47.8	33.6	7.1
2009	11.7	5.7	7.9	13.1	31.5	2.9
% change from 2000	-46.3	-63.9	-53.8	-72.6	-6.3	-59.2

9-5 RATES OF HIV/AIDS

2009



2000



COMPARATIVE RATES FOR 2000 AND 2009

Number of reported HIV/AIDS cases per 100,000 population by race/ethnicity

Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	13.4	11.5	13.8	61.1	9.8	7.1
2009	10.2	7.4	13.2	28.0	11.0	5.8
% change from 2000	-23.9	-35.7	-4.3	-54.2	12.2	-18.3

COMPARATIVE RATES AND RATIOS FOR 2000-2009

**COMPARATIVE RATES AND RATIOS FOR
2000 – 2009**

1. TEEN PREGNANCIES

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

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 1-1. - Pregnancies among females 19 and younger						
2009	28.0	15.6	43.5	33.3	34.7	11.6
2008	31.6	17.5	49.4	37.7	35.5	13.5
2007	34.4	19.0	55.3	36.1	39.1	15.3
2006	34.1	18.9	56.0	32.6	36.2	12.9
2005	32.7	15.8	55.5	43.5	40.8	16.2
2004	34.6	17.7	59.2	44.2	39.7	19.3
2003	34.5	18.2	57.5	45.4	39.9	19.2
2002	35.2	20.1	57.6	42.5	36.6	19.1
2001	36.0	21.1	59.1	45.1	36.7	20.3
2000	39.5	25.2	60.9	51.9	41.3	21.3
Figure 1-2. - Pregnancies among females 14 and younger						
2009	0.7	0.3	1.1	0.8	1.0	0.5
2008	1.0	0.3	1.7	1.6	1.4	0.5
2007	1.5	0.9	1.9	2.3	2.0	0.7
2006	1.1	0.4	1.9	1.4	1.1	0.8
2005	1.1	0.3	2.2	1.6	1.5	0.3
2004	1.1	0.3	2.3	1.6	1.4	0.6
2003	1.4	0.4	2.6	1.2	2.5	0.6
2002	1.3	0.4	2.5	2.4	1.3	0.3
2001	1.3	0.5	2.5	2.2	1.4	0.0
2000	1.5	0.7	2.7	2.4	1.6	0.3
Figure 1-3. - Pregnancies among females 15-17 years old						
2009	28.5	12.3	51.3	31.6	36.9	8.2
2008	34.6	14.9	62.7	37.2	38.1	11.6
2007	36.9	15.6	68.5	36.9	42.4	12.0
2006	39.0	17.2	72.7	36.1	41.5	13.0
2005	39.1	14.9	72.9	51.6	55.0	16.2
2004	42.0	16.9	79.7	53.0	53.2	20.2
2003	41.6	17.5	76.5	59.8	52.0	22.0
2002	42.2	20.2	77.0	47.0	45.1	14.6
2001	43.2	20.8	79.7	57.5	43.5	22.8
2000	48.1	25.1	84.0	64.2	52.1	21.4
Figure 1-4. - Pregnancies among females 18-19 years old						
2009	102.5	59.6	164.2	141.7	114.0	48.7
2008	111.3	65.3	177.2	155.7	115.2	53.5
2007	121.4	70.3	201.2	144.1	124.9	62.2
2006	115.6	68.6	188.1	118.1	119.8	45.0
2005	103.6	55.1	168.9	144.8	137.0	47.6
2004	108.7	61.2	177.4	149.8	134.2	55.0
2003	108.2	62.9	172.7	147.5	134.2	52.1
2002	111.2	67.9	172.8	148.0	130.1	61.6
2001	113.2	71.7	176.0	146.4	133.4	57.1
2000	123.6	85.0	178.4	171.7	144.4	62.4

2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS

(All ratios are per 100 live births)

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 2-1. - Unmarried mothers						
2009	45.2	29.7	56.9	62.7	76.9	15.8
2008	45.1	29.5	56.5	62.6	75.8	17.4
2007	45.0	28.4	56.7	61.9	75.9	17.6
2006	43.9	27.7	55.4	62.3	74.8	16.2
2005	42.8	26.1	54.3	61.9	72.9	17.0
2004	41.9	24.8	53.9	62.0	73.1	15.8
2003	41.2	25.1	52.7	62.7	72.4	16.3
2002	40.2	25.0	52.2	61.8	69.7	15.5
2001	39.4	24.5	51.0	64.2	70.1	17.0
2000	39.3	24.8	51.4	62.2	68.5	15.1

2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS (continued)
 (All ratios are per 100 live births)

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 2-2. - Tobacco use during pregnancy						
2009	4.8	8	1.8	7	2.6	1.7
2008	4.9	8.4	1.6	7.3	2.8	1.6
2007	4.7	8.3	1.6	6.8	3.1	1.9
2006	5.1	8.8	1.8	7.2	3.6	1.8
2005	5.4	9.3	1.9	7.7	3.4	2.2
2004	5.8	9.4	2.1	9.0	3.7	2.4
2003	5.8	9.4	2.1	8.7	3.2	2.8
2002	6.3	10.7	2.1	9.7	3.3	2.3
2001	6.8	11.0	2.4	10.7	4.0	2.7
2000	6.8	11.0	2.4	11.0	3.5	2.5
Figure 2-3. - Alcohol use during pregnancy						
2009	0.5	0.6	0.4	0.6	1.4	0.2
2008	0.5	0.7	0.4	0.5	1.3	0.4
2007	0.6	0.7	0.2	0.6	1.8	0.2
2006	0.6	0.8	0.3	0.6	1.9	0.4
2005	0.8	1.1	0.3	0.7	2.2	0.4
2004	0.5	0.6	0.2	0.4	1.4	0.3
2003	0.9	1.1	0.4	1.3	2.4	0.5
2002	0.9	1.0	0.4	1.2	2.6	0.2
2001	0.9	1.0	0.5	1.6	2.6	0.4
2000	1.0	1.3	0.6	1.6	2.3	0.6
Figure 2-4. - Chronic hypertension						
2009	0.8	0.8	0.6	1.6	1.6	0.9
2008	0.8	0.8	0.6	1.7	1.4	0.4
2007	0.6	0.6	0.5	1.1	1.5	0.5
2006	0.6	0.6	0.4	1.0	1.4	0.5
2005	0.4	0.5	0.3	1.0	1.0	0.5
2004	0.4	0.4	0.2	0.4	0.8	0.4
2003	0.3	0.4	0.2	0.5	0.7	0.3
2002	0.4	0.4	0.2	0.7	0.8	0.2
2001	0.4	0.4	0.2	0.7	1.3	0.2
2000	0.4	0.4	0.2	0.7	1.3	0.3
Figure 2-5. - Dysfunctional labor						
2009	1.6	1.8	1.2	1.5	2.5	2.5
2008	1.4	1.4	1.1	1.8	3.3	1.4
2007	1.1	1.2	0.8	1.1	2.9	1.3
2006	1.0	1.1	0.6	1.0	2.5	1.4
2005	1.2	1.4	0.8	1.0	3.0	1.5
2004	0.9	1.0	0.6	0.8	2.9	1.0
2003	0.8	0.9	0.5	0.8	2.4	0.6
2002	1.0	1.1	0.7	1.2	2.7	1.3
2001	1.2	1.4	0.6	1.2	3.0	1.7
2000	0.8	0.8	0.5	0.7	2.2	0.8
Figure 2-6. - Anemia during pregnancy						
2009	3.6	3.7	2.6	6.0	7.2	3.0
2008	3.9	4.3	2.9	6.3	7.2	3.4
2007	3.0	3.3	2.0	4.3	6.8	2.4
2006	2.0	1.7	1.6	2.3	6.6	1.5
2005	2.0	2.0	1.5	3.5	5.6	1.6
2004	2.2	2.4	1.5	2.5	5.5	1.5
2003	2.0	2.3	1.2	2.8	5.5	1.7
2002	1.8	1.9	1.1	2.7	5.1	1.1
2001	1.6	1.5	1.0	1.7	6.0	1.6
2000	1.7	1.7	1.1	2.0	4.8	1.1
Figure 2-7. - Diabetes during pregnancy						
2009	3.9	3.0	4.0	2.9	8.2	6.1
2008	3.9	2.9	4.1	2.9	8.2	6.8
2007	3.4	2.7	3.3	3.0	8.0	5.9
2006	3.2	2.5	3.2	2.7	7.2	4.5
2005	3.0	2.2	2.9	2.3	8.2	4.7
2004	2.5	2.0	2.1	1.9	7.6	3.9
2003	2.1	1.8	1.8	2.2	6.0	3.0
2002	2.3	1.9	2.2	2.0	6.5	2.9
2001	2.2	1.8	2.0	1.8	6.2	3.9
2000	2.3	1.9	2.0	1.8	6.7	3.1

2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS (continued)
(All ratios are per 100 live births)

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 2-8. - Pregnancy-associated hypertension						
2009	3.6	4.2	2.7	4.3	5.5	2.5
2008	3.5	4.0	2.7	4.5	5.9	3.0
2007	3.1	3.7	2.2	3.5	5.8	2.4
2006	2.9	3.3	2.1	3.5	5.9	1.8
2005	3.1	3.8	2.1	3.0	5.8	2.4
2004	2.9	3.6	1.9	2.8	5.4	2.3
2003	2.8	3.4	1.9	2.7	5.7	1.9
2002	2.5	3.0	1.7	2.5	4.6	1.5
2001	2.6	3.1	1.7	2.4	5.7	1.8
2000	3.0	3.6	2.0	2.9	5.6	2.3
Figure 2-9. - Genital herpes during pregnancy						
2009	1.0	1.5	0.6	1.2	0.6	0.6
2008	1.0	1.5	0.5	1.3	0.9	0.6
2007	0.7	1.2	0.3	0.8	0.5	0.5
2006	0.7	1.1	0.3	1.0	0.4	0.4
2005	0.7	1.2	0.3	1.1	0.5	0.7
2004	0.7	1.2	0.3	0.8	0.4	0.4
2003	0.6	1.0	0.2	1.0	0.5	0.5
2002	0.7	1.1	0.2	1.2	0.3	0.4
2001	0.8	1.3	0.3	1.2	0.3	0.7
2000	0.7	1.2	0.2	0.7	0.3	0.5
Figure 2-10. - Weight gain of less than 21 pounds						
2009	26.9	19.7	33.1	31.0	34.6	21.8
2008	25.9	18.6	32.3	27.2	32.9	20.3
2007	25.3	18.1	31.2	27.5	31.9	19.4
2006	25.5	18.5	31.3	28.2	33.4	21.0
2005	24.4	16.9	30.1	27.9	32.4	18.7
2004	20.6	15.1	24.3	23.4	28.5	18.4
2003	19.7	14.5	22.9	23.3	31.9	16.0
2002	19.3	15.4	22.1	19.3	28.2	16.3
2001	18.5	14.9	20.9	21.3	28.8	16.0
2000	19.1	15.4	21.3	22.4	30.4	16.7

3. UTILIZATION OF PRENATAL CARE SERVICES
(Per 100 live births)

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 3-1. - No care in the 1 st trimester						
2009	19.7	12.1	25.9	19.7	34.0	11.9
2008	20.6	12.7	26.6	22.4	34.9	13.6
2007	22.4	13.5	29.5	23.2	34.1	13.5
2006	22.3	13.1	29.9	22.6	34.1	13.9
2005	22.3	12.3	30.5	24.4	32.1	13.7
2004	23.7	12.7	33.0	24.2	31.0	15.3
2003	24.4	13.2	34.2	24.3	31.2	15.8
2002	24.3	13.5	34.4	24.8	35.6	15.7
2001	24.5	13.8	34.7	26.2	35.4	17.3
2000	25.0	14.0	36.5	28.9	34.2	15.0
Figure 3-2. - Fewer than five prenatal visits						
2009	5.3	2.5	7.4	5.3	10.7	3.4
2008	5.4	2.7	6.9	5.8	12.4	3.7
2007	6.0	3.0	8.1	7.1	12.0	3.3
2006	6.4	2.9	8.8	6.4	13.2	3.2
2005	6.5	2.8	19.2	13.4	12.6	3.5
2004	7.4	2.8	11.0	7.9	12.1	4.4
2003	7.2	2.9	10.4	7.6	11.8	4.5
2002	6.6	2.9	9.9	6.0	12.4	3.3
2001	9.4	5.1	13.2	11.8	14.5	5.4
2000	6.7	2.8	10.5	6.6	12.5	3.3

3. UTILIZATION OF PRENATAL CARE SERVICES (continued)
(Per 100 live births)

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 3-3. - No prenatal care						
2009	1.8	0.7	2.9	1.6	2.1	1.3
2008	1.8	0.7	2.5	2.1	3.1	1.3
2007	2.2	0.9	3.2	2.7	3.2	1.5
2006	2.4	0.9	3.6	2.3	3.5	1.2
2005	2.3	0.8	6.7	4.4	3.0	1.0
2004	2.8	0.7	4.5	3.3	3.0	1.5
2003	2.9	0.6	4.8	3.5	2.4	1.6
2002	2.2	0.7	3.8	1.7	2.6	1.1
2001	1.9	0.6	3.2	1.6	1.9	1.1
2000	2.1	0.7	3.6	2.4	2.4	0.9

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

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 4-1. - Hyaline membrane disease						
2009	0.5	0.6	0.4	0.7	0.2	0.3
2008	0.5	0.7	0.4	0.4	0.3	0.6
2007	0.4	0.5	0.2	0.6	0.2	0.4
2006	0.2	0.3	0.2	0.4	0.3	0.2
2005	0.3	0.4	0.1	0.5	0.3	0.2
2004	0.3	0.4	0.2	0.3	0.4	0.3
2003	0.3	0.5	0.2	0.2	0.3	0.3
2002	0.5	0.7	0.3	0.5	0.4	0.8
2001	0.3	0.4	0.2	0.5	0.4	0.3
2000	0.3	0.4	0.2	0.6	0.2	0.3
Figure 4-2. - Newborn intensive care						
2009	6.2	6.5	5.8	9.2	4.7	6.2
2008	6.0	6.5	5.4	7.6	4.9	6.7
2007	5.1	5.7	4.5	7.3	4.5	4.9
2006	5.1	5.7	4.4	7.0	4.8	4.9
2005	5.7	6.5	5.1	7.4	5.1	5.4
2004	5.7	6.4	5.2	7.2	4.4	5.8
2003	5.4	6.2	4.7	7.0	4.2	5.6
2002	5.6	6.3	5.0	7.2	4.8	5.7
2001	5.7	5.9	5.4	9.0	4.6	5.6
2000	5.8	5.5	6.3	9.3	4.6	4.3
Figure 4-3. - Born too early (preterm or < 37 weeks)						
2009	10	9.9	9.7	14.4	9.6	10.0
2008	10.2	10.1	9.9	14.0	9.8	10.0
2007	10.3	10.4	9.8	14.9	10.4	9.6
2006	10.6	10.5	10.1	14.5	11.7	10.4
2005	10.7	10.9	10.1	16.4	10.6	10.2
2004	11.0	11.4	10.3	14.4	10.9	11.0
2003	10.5	11.0	9.8	14.4	9.8	10.8
2002	10.0	10.5	9.4	14.0	9.6	11.0
2001	9.9	10.1	9.4	14.8	10.1	9.8
2000	10.3	10.5	9.8	14.9	9.4	9.3
Figure 4-4. - Born too small: low-birthweight (<2,500 grams)						
2009	7.1	6.9	6.6	12.8	6.4	8.8
2008	7.1	6.9	6.7	11.7	6.7	9.1
2007	7.1	7.1	6.6	12.8	6.6	8.0
2006	7.1	6.7	6.9	12.7	7.4	8.5
2005	6.9	6.9	6.4	12.6	7.3	8.0
2004	7.2	7.2	6.8	11.6	7.2	8.0
2003	7.1	6.9	6.9	11.7	6.8	8.5
2002	6.8	6.7	6.4	11.9	6.5	8.6
2001	7.0	6.7	6.7	13.7	7.3	7.7
2000	7.0	7.0	6.7	13.0	6.7	7.6

4. NEWBORN'S HEALTH (continued)

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

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 4-5. - Born too small: very low-birthweight (<1,500 grams)						
2009	1.2	1.1	1.1	2.8	0.9	1.5
2008	1.2	1.1	1.1	2.6	1.1	1.5
2007	1.2	1.1	1.2	2.6	1.0	1.0
2006	1.2	1.1	1.2	2.3	1.1	1.1
2005	1.2	1.1	1.2	2.5	1.1	1.2
2004	1.2	1.1	1.2	2.5	0.9	1.1
2003	1.1	1.1	1.1	2.2	0.9	1.5
2002	1.1	1.2	1.0	2.5	0.9	1.2
2001	1.1	1.0	1.0	2.7	1.0	0.9
2000	1.2	1.1	1.1	2.6	1.4	1.2
Figure 4-6. - Incidence of congenital anomalies (birth defects)						
2009	0.6	0.7	0.6	0.7	0.8	0.4
2008	0.9	0.9	0.9	0.8	0.9	0.7
2007	0.8	0.9	0.7	0.7	1.4	0.8
2006	0.9	0.9	0.8	0.8	1.2	0.5
2005	1.0	1.0	0.9	0.9	1.5	1.2
2004	1.0	1.0	1.0	0.6	1.6	0.7
2003	1.0	1.0	1.0	1.0	1.3	1.0
2002	1.3	1.4	1.1	1.2	2.2	0.9
2001	1.3	1.4	1.1	1.4	1.9	1.3
2000	1.3	1.5	0.9	1.1	1.9	0.8
Figure 4-7. - Infant mortality						
2009	5.9	4.8	5.6	17.1	8.4	3.8
2008	6.3	5.1	5.9	17.7	8.2	7.9
2007	6.8	5.6	7.4	15.1	8.1	3.2
2006	6.3	5.4	6.6	16.8	6.4	2.2
2005	6.8	6.2	7.0	12.8	8.3	5.3
2004	6.7	5.4	7.7	12.1	7.2	3.8
2003	6.5	5.4	7.0	15.9	7.5	4.4
2002	6.3	5.9	6.6	13.1	7.0	4.0
2001	6.9	5.7	6.7	22.7	10.7	3.8
2000	6.7	6.1	6.3	17.8	9.6	4.9
Figure 4-8. - Sudden Infant Death Syndrome (SIDS)						
2009	0.5	0.3	0.4	1.8	0.8	0.3
2008	0.2	0.1	0.1	0.9	0.6	0.3
2007	0.4	0.5	0.3	1.0	0.6	0.0
2006	0.4	0.5	0.2	0.8	0.3	0.3
2005	0.3	0.3	0.3	0.6	0.6	0.7
2004	0.3	0.3	0.3	0.6	0.0	0.0
2003	0.3	0.3	0.3	0.7	0.3	0.0
2002	0.4	0.4	0.3	2.2	0.4	0.0
2001	0.4	0.4	0.2	2.9	0.4	0.0
2000	0.3	0.3	0.2	0.7	0.7	0.0
Figure 4-9. - Mortality of infants from low birthweight/short gestation						
2009	1.1	0.8	1.3	3	0.5	0.6
2008	0.9	0.6	0.8	3.5	0.6	2.0
2007	0.9	0.5	1.2	2.4	0.8	0.9
2006	0.9	0.6	1.1	2.6	1.1	0.6
2005	0.8	0.5	1.2	1.2	0.5	0.0
2004	0.9	0.7	1.1	2.2	0.5	0.0
2003	0.9	0.6	1.1	3.6	0.9	0.4
2002	1.1	0.9	1.3	2.6	0.7	0.0
2001	0.9	0.6	1.1	4.0	0.4	0.0
2000	0.6	0.4	0.9	2.5	0.9	0.0
Figure 4-10. - Neonatal mortality						
2009	3.9	3.2	3.9	10.5	4.2	2.9
2008	4.2	3.3	4.1	11.9	4.6	6.4
2007	4.7	3.8	5.2	10.3	4.2	2.6
2006	4.3	3.7	4.7	9.6	4.0	1.0
2005	4.4	4.1	4.9	5.5	4.3	3.2
2004	4.5	3.9	5.1	7.8	3.4	2.7
2003	4.3	3.7	4.9	10.3	3.1	2.0
2002	4.1	3.9	4.6	5.8	3.6	3.1
2001	4.5	4.0	4.5	15.0	4.1	2.4
2000	4.3	3.8	4.2	9.8	6.4	2.0

4. **NEWBORN'S HEALTH (continued)**

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

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 4-11. - Postneonatal mortality						
2009	2	1.6	1.7	6.6	4.2	0.9
2008	2.1	1.8	1.8	5.8	3.6	1.5
2007	2.2	1.8	2.2	4.8	3.9	0.6
2006	2.0	1.7	1.9	7.2	2.4	1.2
2005	2.4	2.1	2.1	7.3	4.0	2.1
2004	2.2	1.4	2.6	4.4	3.8	1.1
2003	2.2	1.7	2.1	5.6	4.4	2.4
2002	2.2	2.0	2.0	7.3	3.4	0.9
2001	2.4	1.7	2.2	7.7	6.6	1.4
2000	2.4	2.3	2.0	8.0	3.2	2.0

5. **MORTALITY FROM NATURAL CAUSES - Chronic or infectious diseases**

(Number of deaths per 100,000 population age-adjusted to 2000 standard)

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 5-1. - Cardiovascular diseases						
2009	188.8	188.3	179.8	245.7	164.2	150.8
2008	194.1	196.3	184.8	219.6	150.4	121.4
2007	194.4	196.9	179.8	225.9	155.0	108.9
2006	216.4	218.2	203.2	310.3	167.0	136.2
2005	245.7	241.3	266.1	343.3	235.6	243.0
2004	248.5	243.1	284.1	372.5	214.6	200.3
2003	258.4	257.2	278.2	390.1	188.6	145.3
2002	265.5	266.1	276.3	329.8	216.2	218.4
2001	267.3	265.8	281.4	388.1	234.1	184.3
2000	276.1	276.0	273.6	411.5	257.5	190.6
Figure 5-2. - Diseases of the heart						
2009	145.9	147.5	130.5	171.3	125.8	96.7
2008	149.3	153.1	132.0	161.7	114.6	71.8
2007	149.5	153.2	131.5	171.3	115.2	58.6
2006	166.1	168.8	149.8	231.9	129.4	94.7
2005	186.9	185.2	189.6	250.3	179.1	159.8
2004	186.7	184.9	197.6	258.5	166.9	135.3
2003	197.1	197.7	198.5	299.4	141.9	97.6
2002	201.0	203.0	201.2	237.0	164.0	145.6
2001	201.7	202.1	206.1	273.6	177.7	116.1
2000	206.1	207.2	204.7	289.5	183.8	132.3
Figure 5-3. - Coronary heart disease						
2009	115.9	117.3	103.7	137.3	94.6	81.0
2008	118.3	121.8	103.3	131.9	83.2	61.5
2007	115.0	118.0	101.7	136.6	84.6	47.9
2006	130.2	132.3	117.3	190.1	97.6	86.2
2005	147.9	147.3	147.1	211.4	133.7	113.7
2004	148.7	147.3	158.2	207.5	137.5	120.6
2003	156.6	157.8	154.4	245.7	100.7	75.5
2002	159.5	161.7	159.4	181.2	119.5	104.4
2001	149.3	149.8	159.7	196.9	116.4	80.7
2000	160.4	162.4	154.7	225.1	124.4	107.4
Figure 5-4. - Cerebrovascular disease						
2009	28.9	27.5	33.8	42.8	24.7	39.2
2008	30.3	29.2	33.6	40.0	23.5	36.2
2007	30.6	29.7	34.9	34.1	22.0	37.7
2006	34.8	34.1	37.3	58.2	27.0	18.4
2005	40.6	38.8	51.0	66.0	32.3	64.6
2004	43.6	41.4	61.3	71.5	27.5	45.1
2003	43.9	41.7	61.9	69.0	36.4	35.9
2002	47.0	45.9	53.9	69.6	39.4	57.6
2001	47.7	46.2	55.4	79.6	44.3	51.1
2000	51.7	50.8	51.2	82.4	55.3	46.1

5. **MORTALITY FROM NATURAL CAUSES - Chronic or infectious diseases (continued)**
 (Number of deaths per 100,000 population age-adjusted to 2000 standard)

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 5-5. - Chronic lower respiratory diseases						
2009	40.5	45.0	16.4	26.8	19.2	18.0
2008	42.2	46.9	20.5	26.0	15.8	13.7
2007	39.2	43.7	18.8	18.7	13.0	7.5
2006	44.3	49.2	18.3	27.3	8.4	9.9
2005	46.8	49.6	31.6	43.9	12.0	17.9
2004	41.9	45.1	22.7	24.9	10.8	21.6
2003	45.4	48.3	28.7	30.3	19.4	15.5
2002	47.0	50.4	25.2	38.3	22.3	24.5
2001	46.9	51.0	17.7	37.9	26.8	21.4
2000	47.4	51.1	24.4	30.4	21.9	12.7
Figure 5-6. - Malignant neoplasms (cancer)						
2009	147.2	151.1	128.4	153.1	113.3	108.1
2008	145.5	150.4	123.8	149.2	106.7	104.4
2007	148.0	154.6	118.6	153.4	113.9	84.2
2006	154.7	162.8	124.7	163.5	83.1	82.0
2005	161.8	162.4	165.9	217.9	122.2	112.7
2004	164.7	165.4	161.6	227.7	139.3	111.0
2003	169.4	171.2	168.5	218.5	120.7	132.9
2002	168.6	172.4	156.3	222.7	117.6	116.5
2001	169.2	173.1	155.6	213.0	121.7	147.0
2000	170.4	174.8	156.9	216.1	123.0	103.4
Figure 5-7. - Lung cancer						
2009	39.0	42.7	23.7	38.7	10.0	26.6
2008	38.5	42.3	20.0	37.1	11.2	32.7
2007	38.2	42.4	20.5	39.6	9.9	21.5
2006	42.7	47.4	21.4	45.9	4.7	18.4
2005	43.0	45.9	29.0	53.0	6.5	19.7
2004	45.4	48.2	29.4	61.4	17.3	21.5
2003	47.4	50.6	33.5	59.4	13.2	21.9
2002	46.6	50.1	27.7	61.2	13.1	24.7
2001	44.5	47.6	29.2	55.7	9.8	41.7
2000	46.1	49.1	31.6	65.8	8.9	29.6
Figure 5-8. - Breast cancer						
2009	19.2	19.8	16.4	30.7	11.6	5.9
2008	19.8	20.6	15.1	38.0	11.6	7.1
2007	20.1	20.5	16.9	23.9	16.2	11.3
2006	21.6	23.2	14.0	25.7	6.9	7.5
2005	20.7	20.5	19.8	35.7	14.9	17.3
2004	21.4	21.4	18.0	32.2	18.4	35.2
2003	22.1	22.3	18.9	41.2	16.4	19.6
2002	22.2	22.5	18.7	42.3	9.6	17.7
2001	23.6	24.7	17.5	55.8	11.7	12.7
2000	25.4	26.2	20.7	29.5	12.1	12.8
Figure 5-9. - Cervical cancer						
2009	1.8	1.5	2.1	2.2	4.1	2.9
2008	1.8	1.3	3.3	3.3	4.8	0.0
2007	1.9	1.6	3.2	2.3	2.3	1.2
2006	1.7	1.4	2.4	2.7	5.8	1.2
2005	2.1	1.8	4.1	1.4	3.4	4.6
2004	2.2	1.6	5.0	2.8	2.0	3.6
2003	2.2	1.0	1.8	6.8	4.2	10.5
2002	2.2	1.9	3.7	2.0	4.7	2.0
2001	2.8	2.5	3.9	3.5	5.4	0.0
2000	3.0	2.5	3.7	7.6	10.1	3.5
Figure 5-10. - Colorectal cancer						
2009	12.9	12.9	13.8	14.1	8.5	13.8
2008	13.1	13.2	13.2	16.4	11.1	8.6
2007	14.4	15.0	12.0	15.7	8.0	9.4
2006	14.6	15.1	14.2	14.9	4.7	6.5
2005	15.4	15.2	17.6	27.0	7.5	12.5
2004	15.3	15.5	13.1	27.3	9.3	11.0
2003	17.9	17.9	21.2	26.3	6.3	3.0
2002	16.5	16.9	16.2	26.4	9.1	9.7
2001	16.7	16.9	16.6	27.4	7.2	10.6
2000	17.0	17.4	16.4	16.3	8.2	6.6

5. **MORTALITY FROM NATURAL CAUSES - Chronic or Infectious Diseases (continued)**
 (Number of deaths per 100,000 population age-adjusted to 2000 standard)

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 5-11. - Prostate cancer						
2009	18.4	18.2	20.0	28.9	16.4	2.1
2008	19.1	18.9	20.3	20.5	14.7	25.5
2007	18.9	19.5	15.8	23.6	16.6	19.4
2006	20.1	19.2	25.9	34.9	16.9	24.0
2005	23.8	23.5	30.6	20.4	23.5	5.1
2004	24.0	22.6	35.0	54.6	31.2	6.1
2003	25.1	25.2	22.4	41.2	21.0	7.6
2002	24.8	24.1	35.3	48.6	12.5	8.4
2001	24.3	24.1	26.3	45.0	14.0	24.2
2000	28.4	28.0	30.0	74.8	27.1	8.9
Figure 5-12. - Influenza and pneumonia						
2009	14.6	13	15.5	14.3	42.7	16.3
2008	15.6	14.6	18.3	12.4	36.3	13.5
2007	12.9	12.3	14.4	13.0	34.3	7.4
2006	18.4	17.7	20.0	18.1	32.8	21.7
2005	22.3	20.5	26.5	21.6	72.0	17.5
2004	20.1	19.4	20.7	12.0	32.7	10.5
2003	23.4	21.8	27.9	30.4	58.9	16.4
2002	25.0	24.3	26.1	29.2	51.7	13.2
2001	21.9	21.3	26.1	14.8	43.0	15.0
2000	24.4	23.3	30.1	26.9	48.2	11.9
Figure 5-13. - Diabetes						
2009	15.7	12.2	28.1	31.1	54.2	16.2
2008	17.0	13.8	29.1	30.8	50.8	16.1
2007	17.0	13.7	30.8	30.3	51.1	5.1
2006	18.9	15.2	40.4	43.9	43.9	10.9
2005	20.1	15.5	46.0	55.2	69.9	17.8
2004	20.7	16.8	43.5	44.8	59.0	30.0
2003	20.3	16.5	39.1	53.6	55.8	15.7
2002	22.3	18.0	45.6	41.0	80.8	21.9
2001	19.9	15.4	42.9	55.7	72.8	14.8
2000	19.0	14.9	41.1	46.0	74.6	19.5
Figure 5-14. - Chronic liver disease and cirrhosis						
2009	12.2	9.5	18.7	3.1	54.0	3.1
2008	11.7	10.0	15.4	7.5	40.7	1.8
2007	11.3	9.6	16.3	5.9	36.8	3.2
2006	11.4	9.6	15.5	7.2	43.6	3.1
2005	12.7	10.7	19.4	12.8	51.2	4.9
2004	11.1	8.4	18.6	6.7	51.0	3.8
2003	11.5	9.7	17.6	3.5	38.8	3.3
2002	12.1	9.9	21.6	9.8	40.5	5.3
2001	12.3	10.6	17.4	11.7	39.1	4.0
2000	12.8	10.4	15.8	6.6	61.7	4.1
Figure 5-15. - HIV disease						
2009	1.6	1.0	2.1	8.9	3.7	0.0
2008	1.8	1.5	1.9	4.9	2.2	0.6
2007	1.7	1.3	1.7	6.0	3.6	0.4
2006	2.3	2.1	2.3	7.2	1.8	0.6
2005	2.4	2.0	2.5	9.2	3.1	0.5
2004	2.8	2.3	3.1	14.6	3.5	0.8
2003	3.2	2.8	4.3	8.1	3.6	1.7
2002	3.1	2.5	3.2	14.3	5.5	0.0
2001	3.1	2.6	3.2	11.2	5.5	1.1
2000	3.2	3.1	3.4	9.6	1.8	0.0
Figure 5-16. - Septicemia						
2009	7.7	6.5	8.0	13.2	31.4	9.2
2008	7.9	6.7	11.0	10.9	20.6	7.1
2007	8.1	7.0	10.4	14.7	17.8	10.9
2006	8.6	7.7	11.0	14.6	17.3	5.5
2005	8.4	7.3	13.0	18.2	18.2	6.2
2004	8.0	6.6	14.4	16.0	21.5	4.6
2003	8.4	7.1	12.6	11.3	25.8	6.8
2002	8.3	7.3	10.5	14.8	23.4	0.0
2001	7.2	6.0	10.7	13.6	21.8	3.2
2000	6.7	6.0	9.9	6.2	21.5	1.3

5. **MORTALITY FROM NATURAL CAUSES - Chronic or Infectious Diseases (continued)**
(Number of deaths per 100,000 population age-adjusted to 2000 standard)

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 5-17. - Alzheimer's disease						
2009	29.5	30.4	26.9	29.6	10.9	18.1
2008	29.8	30.6	26.3	42.5	8.5	18.4
2007	29.6	30.9	24.1	29.8	10.3	12.9
2006	33.4	34.7	28.0	28.8	15.3	8.3
2005	32.7	33.0	31.3	42.7	16.2	30.2
2004	31.3	32.0	26.6	42.8	8.0	17.1
2003	32.5	33.4	28.2	43.3	5.6	11.4
2002	28.0	28.9	24.7	25.1	8.8	17.4
2001	22.5	23.5	14.7	21.5	12.7	14.6
2000	21.8	22.5	18.9	20.5	7.2	7.8
Figure 5-18. - Nephritis, nephrotic syndrome and nephrosis (kidney disease)						
2009	7.7	6.2	14.1	16.2	19.6	1.5
2008	7.1	5.6	13.2	9.8	23.5	5.3
2007	7.6	6.0	13.1	19.1	20.6	5.0
2006	8.8	7.4	14.2	9.8	23.3	5.2
2005	10.4	8.5	22.5	19.8	31.4	9.2
2004	11.0	8.9	21.5	26.6	30.2	16.0
2003	10.1	8.4	18.4	20.9	24.7	16.0
2002	11.3	9.7	21.6	20.8	25.8	4.7
2001	12.0	9.9	22.6	23.5	33.5	8.4
2000	11.7	10.1	22.1	26.9	22.6	5.0
Figure 5-19. - Essential (primary) hypertension						
2009	6.8	6.1	9.0	22.0	7.0	10.6
2008	6.9	6.4	9.5	12.3	6.7	5.0
2007	5.7	5.3	5.6	12.7	11.2	7.3
2006	6.7	6.1	8.3	12.9	8.5	14.1
2005	6.8	5.9	13.2	15.6	15.8	6.8
2004	7.3	6.2	11.9	27.0	13.2	6.0
2003	6.3	6.0	7.9	14.5	5.4	9.4
2002	5.6	5.4	7.3	12.5	4.9	5.1
2001	5.9	5.5	8.7	13.8	3.4	11.8
2000	5.6	5.2	7.3	11.2	10.8	5.8
Figure 5-20. - Total mortality from all causes						
2009	653.2	647.3	614.9	736.8	823.5	472.8
2008	659.6	660.1	606.9	710.7	766.3	427.0
2007	663.2	665.1	603.7	719.2	752.5	356.3
2006	727.3	728.5	685.6	885.1	744.5	393.4
2005	772.5	744.6	849.2	1053.1	1006.6	629.5
2004	757.3	734.6	834.0	1021.7	879.2	557.5
2003	784.0	764.9	839.5	1048.6	900.7	497.2
2002	796.4	786.7	811.1	951.5	975.1	560.4
2001	791.2	778.1	787.6	1050.6	1010.5	560.7
2000	785.6	776.6	769.9	1057.5	1011.4	504.1

6. **MORTALITY FROM INJURIES**
(Number of deaths per 100,000 population age-adjusted to 2000 standard)

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 6-1. - Unintentional injuries						
2009	43.1	43.3	35.3	36.5	92.6	24.5
2008	44.7	45.4	34.2	43.1	92.6	23.7
2007	46.6	44.9	40.6	48.1	95.0	20.3
2006	51.2	48.7	52.4	54.8	97.2	19.8
2005	51.1	46.2	54.8	64.3	117.8	34.2
2004	46.0	43.3	48.9	45.9	103.9	21.2
2003	44.8	40.9	44.7	52.4	108.6	25.3
2002	45.2	41.5	45.5	44.0	111.0	15.5
2001	46.6	42.5	45.6	52.6	112.7	29.9
2000	41.1	36.9	41.6	49.7	113.1	24.1

6. MORTALITY FROM INJURIES (continued)

(Number of deaths per 100,000 population age-adjusted to 2000 standard)

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 6-2. - Motor vehicle-related injuries						
2009	11.6	10.1	10.6	12.4	36.9	6.5
2008	13.6	12.0	13.1	11.5	41.9	4.4
2007	16.2	13.1	17.6	13.6	49.0	9.9
2006	19.6	16.6	21.9	15.3	56.9	5.9
2005	18.9	15.0	22.7	24.9	62.6	10.2
2004	18.1	15.3	23.2	14.8	54.1	11.3
2003	18.0	14.6	21.3	15.2	59.0	11.8
2002	18.5	14.7	21.1	11.9	65.9	10.1
2001	17.2	13.5	18.2	19.1	63.2	8.6
2000	17.5	13.8	18.2	19.3	74.2	15.3
Figure 6-3. - Fall-related injuries						
2009	10.4	10.5	9.9	3.8	15.3	10.8
2008	10.8	11	8.6	7.1	13.4	8.7
2007	10.6	10.9	7.5	7.0	9.7	5.6
2006	11.3	11.3	12	7.1	9.9	7.4
2005	12.0	11.9	12.1	6.5	10.4	15.0
2004	9.6	9.5	8.7	8.8	14.9	3.3
2003	8.8	9.0	5.5	6.3	12.7	7.5
2002	8.6	8.7	6.6	4.9	12.9	2.7
2001	8.9	8.9	7.8	8.8	11.3	8.3
2000	7.6	7.6	8.9	5.2	6.0	3.9
Figure 6-4. - Drowning mortality						
2009	1.5	1.3	1.4	2	3.7	1.6
2008	1.2	1.0	1.1	2.4	1.9	2.0
2007	1.3	1.3	1.2	2.7	2.5	0.6
2006	1.5	1.0	1.9	2.3	1.5	2.5
2005	1.4	1.1	1.3	2.9	3.4	3.2
2004	1.8	1.6	1.6	4.1	3.0	1.7
2003	1.5	1.3	1.5	2.7	2.5	0.5
2002	1.2	1.3	1.2	0.5	1.3	1.9
2001	1.6	1.8	1.3	1.5	1.2	4.0
2000	1.7	1.6	1.2	3.3	3.8	1.1
Figure 6-5. - Injury by firearms						
2009	12.8	13.0	10.4	16.0	8.3	4.4
2008	13.5	12.6	12.1	22.4	7.6	4.6
2007	14.4	13.3	14.9	25.1	7.6	3.1
2006	15.4	13.9	15.6	21.5	8.0	2.9
2005	15.2	12.0	18.4	23.4	15.6	7.5
2004	15.0	13.2	16.8	23.7	12.6	1.4
2003	14.8	12.7	15.7	23.2	15.6	1.8
2002	17.3	16.2	17.0	19.1	14.6	5.8
2001	15.5	13.9	15.8	25.3	11.8	9.0
2000	15.3	13.9	14.9	25.7	12.2	11.1
Figure 6-6. - Drug-induced deaths						
2009	16.8	20.6	9.9	14.8	13.2	1.8
2008	14.9	18.7	6.8	17.9	10.9	3.3
2007	15.1	18.5	8.7	19.7	8.7	2.9
2006	15.1	17.5	10.4	24.6	10.6	5.1
2005	13.8	14.8	10.6	28.4	12.4	2.1
2004	13.3	14.7	9.4	14.7	14.5	0.8
2003	12.0	12.8	10.5	23.5	8.5	0.0
2002	12.2	13.1	9.8	19.8	13.1	0.0
2001	11.3	12.4	9.4	13.8	9.3	0.9
2000	6.8	7.3	5.0	9.6	6.7	0.0
Figure 6-7. - Alcohol-induced deaths						
2009	12.0	10.0	10.1	7.0	62.1	2.8
2008	11.8	10.6	9.2	7.3	54.3	1.8
2007	11.1	9.4	11.8	6.9	49.3	2.5
2006	10.3	8.7	10.2	5.8	48.1	0.7
2005	11.2	9.9	11.0	6.7	51.1	7.2
2004	10.0	8.0	9.8	7.3	55.4	3.8
2003	10.1	8.3	10.2	6.8	49.3	0.0
2002	9.3	8.2	9.9	10.3	39.4	0.9
2001	8.4	6.8	9.1	7.9	41.5	1.1
2000	8.7	6.8	8.6	6.1	56.1	1.3

6. MORTALITY FROM INJURIES (continued)

(Number of deaths per 100,000 population age-adjusted to 2000 standard)

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 6-8. - Intentional self-harm (suicide)						
2009	16.1	18.4	9.0	10.5	15.9	9.9
2008	14.8	17.6	6.5	7.5	13.5	9.9
2007	15.4	18.7	9.2	6.2	9.8	6.1
2006	15.4	17.8	8.2	8.3	13.7	8.4
2005	15.4	16.6	10.5	3.3	17.5	11.7
2004	14.9	16.6	9.8	12.1	17.0	4.0
2003	14.6	16.4	8.2	11.3	15.2	6.0
2002	15.9	18.3	8.3	6.2	17.9	4.1
2001	14.9	12.8	5.9	9.2	15.4	9.4
2000	14.6	16.7	7.2	6.5	16.2	5.7
Figure 6-9. - Assault (homicide)						
2009	5.5	3.2	8.1	14.2	13.2	0.9
2008	7.1	3.7	10.6	20.7	12.8	3.2
2007	7.7	3.9	12.0	23.4	13.1	2.6
2006	8.5	4.6	13.0	19.6	13.2	2.4
2005	8.2	3.5	14.6	27.4	14.0	5.1
2004	8.2	4.8	13.6	22.3	14.7	1.4
2003	8.3	3.7	14.7	24.9	18.8	5.4
2002	8.6	4.4	15.1	21.3	20.3	3.3
2001	8.7	4.3	15.5	22.2	17.2	4.9
2000	7.6	3.9	13.0	22.7	14.9	7.6

7. AGE-SPECIFIC MORTALITY

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

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 7-1. - Mortality of children 1-14 years old						
2009	20.2	15.0	21.9	28.5	35.6	22.9
2008	19.7	14.6	21.0	39.3	29.4	17.2
2007	19.5	14.2	22.1	29.1	34.3	17.5
2006	21.5	18.2	23.5	20.2	33.3	22.0
2005	22.7	17.4	26.3	35.7	33.4	18.7
2004	20.4	17.2	21.0	39.2	32.1	9.7
2003	24.3	21.8	22.1	42.5	45.3	9.2
2002	23.7	18.3	25.0	32.6	55.8	15.5
2001	28.8	23.9	26.3	43.2	71.0	31.9
2000	25.3	20.8	27.4	37.2	48.2	22.0
Figure 7-2. - Mortality of adolescents and young adults 15-19 years old						
2009	55.9	44.7	62.2	49.2	102.6	44.4
2008	65.7	47.7	80.0	85.6	111.8	35.8
2007	76.9	66.1	83.9	91.5	124.4	18.1
2006	93.8	72.4	103.0	127.1	188.6	29.1
2005	80.1	68.6	89.2	88.7	137.0	24.6
2004	80.8	64.9	91.1	150.9	134.5	25.4
2003	75.4	51.6	87.5	89.5	196.2	36.2
2002	83.2	64.8	93.8	107.5	195.8	24.3
2001	86.6	70.2	82.7	73.2	265.2	61.9
2000	78.9	68.6	74.0	149.5	171.2	0.0
Figure 7-3. - Mortality among adults 20-44 years old						
2009	123.0	120.4	95.7	185.6	332.1	50.5
2008	123.0	119.4	98.2	190.9	287.0	52.2
2007	138.2	132.3	123.3	193.9	291.3	50.3
2006	147.5	142.7	132.9	177.3	305.1	64.1
2005	140.9	122.1	140.7	227.3	348.3	61.3
2004	141.0	130.8	134.0	209.0	293.3	59.7
2003	151.1	139.6	139.1	220.4	345.8	56.8
2002	154.7	143.4	148.5	212.3	350.3	48.6
2001	158.2	145.2	147.5	250.1	373.2	60.6
2000	156.5	173.1	136.3	212.3	403.1	93.3

7. AGE-SPECIFIC MORTALITY (continued)
(Number of deaths per 100,000 persons in specified group)

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 7-4. - Mortality among adults 45-64 years old						
2009	590.0	593.9	488.5	808.8	846.9	302.0
2008	591.8	609.7	445.9	843.0	832.3	301.5
2007	582.8	593.4	494.0	833.6	737.5	272.9
2006	614.6	638.3	477.3	872.5	775.4	194.3
2005	673.1	654.2	631.6	1103.80	1077.00	313.1
2004	649.1	633.9	592.2	1032.2	1019.2	375.8
2003	653.7	651.1	593.5	909.7	914.9	292.2
2002	654.8	656.7	588.5	878.8	1025.6	258.9
2001	632.1	631.9	545.9	996.1	981.4	312.2
2000	633.9	636.8	540.5	929.9	994.2	276.1

8. PREMATURE MORTALITY

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 8-1. - Median age at death from all causes						
2009	76.0	78.0	67.0	64.0	59.0	74.0
2008	77.0	78.0	68.0	62.0	59.0	70.0
2007	76.0	78.0	64.0	62.0	59.0	70.0
2006	76.0	78.0	65.0	63.0	57.0	73.0
2005	77.0	79.0	65.0	64.0	59.0	72.0
2004	76.0	78.0	65.0	64.0	58.0	69.0
2003	76.0	78.0	66.0	66.0	56.0	70.0
2002	76.0	78.0	65.0	65.0	57.0	74.0
2001	76.0	78.0	65.0	63.0	56.0	68.5
2000	76.0	77.0	66.0	66.0	57.5	68.0
Figure 8-2. - Median age at death from all causes among males						
2009	73.0	75.0	63.0	60.0	54.0	69.0
2008	73.0	76.0	62.0	59.0	54.0	67.5
2007	73.0	75.0	59.0	57.0	54.0	64.0
2006	73.0	75.0	59.0	59.0	52.0	71.5
2005	74.0	76.0	61.0	58.0	54.0	71.0
2004	73.0	75.0	60.0	59.0	53.0	68.0
2003	73.0	75.0	60.0	60.0	51.0	70.0
2002	73.0	75.0	59.0	60.0	52.0	72.0
2001	73.0	75.0	59.0	58.0	49.0	68.0
2000	73.0	75.0	60.0	61.0	52.0	67.0
Figure 8-3. - Median age at death from all causes among females						
2009	80.0	81.0	72.0	68.0	66.0	77.0
2008	80.0	81.0	74.0	67.0	67.0	73.0
2007	80.0	81.0	71.0	70.0	67.0	73.0
2006	80.0	81.0	73.0	70.0	65.0	73.0
2005	80.0	81.0	71.0	71.0	66.0	73.0
2004	80.0	81.0	72.0	70.0	64.0	70.0
2003	80.0	81.0	72.0	71.0	65.0	71.0
2002	79.0	80.0	72.0	72.0	64.0	75.0
2001	79.0	80.0	71.0	69.0	65.0	69.0
2000	79.0	80.0	71.0	71.0	65.0	68.0
Figure 8-4. - Percent of total deaths before expected years of life reached						
2009	52.5	48.0	68.0	73.0	76.4	60.6
2008	52.4	48.0	67.6	74.7	76.5	66.4
2007	52.6	47.7	71.6	73.3	75.8	64.9
2006	52.7	48.2	70.8	73.9	77.4	61.0
2005	52.7	47.9	71.3	75.1	78.4	65.1
2004	53.0	48.3	71.5	74.3	80.3	64.3
2003	50.8	46.1	70.0	70.6	78.4	65.7
2002	50.2	45.6	70.3	71.7	78.3	59.8
2001	51.0	46.2	71.2	73.0	79.1	69.9
2000	51.6	47.3	70.5	69.3	78.7	69.6

9. REPORTABLE DISEASES

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

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 9-1. - Incidence of early syphilis						
2009	6.5	4.4	9.3	11.1	11.6	1.7
2008	8.8	5.8	11.1	19.8	16.1	4.1
2007	8.8	4.2	7.8	17.0	30.5	3.5
2006	6.2	3.5	7.6	14.9	8.4	1.2
2005	5.1	2.9	8.6	16.5	10.6	2.6
2004	6.5	3.1	9.6	16.6	14.9	0.9
2003	7.4	4.2	9.7	18.2	20.1	0.9
2002	7.3	2.5	12.6	40.2	16.1	0.9
2001	8.4	2.6	16.6	52.4	15.1	0.0
2000	8.5	3.2	15.4	60.4	12.1	3.0
Figure 9-2. - Incidence of gonorrhea						
2009	49.3	19.0	46.4	316.0	50.0	11.5
2008	52.8	21.0	49.5	256.8	73.3	9.9
2007	78.7	33.1	60.4	345.6	94.4	13.5
2006	95.3	44.0	81.6	382.4	125.7	13.6
2005	81.9	31.5	95.0	395.7	142.6	14.6
2004	70.1	32.5	84.6	376.8	142.7	12.3
2003	63.5	33.4	71.4	359.7	103.1	15.3
2002	68.9	30.5	98.6	432.0	107.7	11.3
2001	73.9	32.4	99.7	558.5	115.5	10.8
2000	80.0	29.5	111.8	630.8	105.1	22.2
Figure 9-3. - Incidence of chlamydia						
2009	394.2	156.3	471.5	926.9	679.3	150.6
2008	379.0	130.9	413.3	778.6	739.8	100.3
2007	386.6	142.5	346.1	722.7	641.6	91.3
2006	386.0	150.1	406.9	634.2	676.8	95.7
2005	352.0	121.9	468.5	778.1	827.6	99.7
2004	289.2	115.7	413.6	676.8	872.7	110.6
2003	227.1	100.7	329.1	537.6	623.9	86.4
2002	272.2	113.2	453.3	700.0	716.9	104.7
2001	270.4	116.5	466.4	756.7	738.9	113.7
2000	243.9	96.7	350.3	686.2	844.1	89.9
Figure 9-4. - Incidence of genital herpes						
2009	11.7	5.7	7.9	13.1	31.5	2.9
2008	28.4	15.5	19.9	41.2	53.2	4.1
2007	31.1	17.8	21.7	51.3	35.2	10.6
2006	27.9	18.1	20.3	38.7	36.8	4.3
2005	19.7	13.0	18.7	30.9	29.5	5.2
2004	20.5	13.3	18.4	29.8	36.2	8.9
2003	16.2	11.8	14.3	23.1	30.4	7.6
2002	21.0	16.2	19.7	45.0	35.9	7.67
2001	22.1	17.7	23.8	43.3	27.9	13.7
2000	21.8	15.8	17.1	47.8	33.6	7.1
Figure 9-5. - Incidence of HIV/HIV/AIDS						
2009	10.2	7.4	13.2	28.0	11	5.7
2008	11.4	9.6	12.9	31.1	10.2	6.4
2007	12.7	9.8	15.8	35.5	8.3	8.8
2006	12.5	9.3	15.5	48.8	8.1	6.2
2005	12.8	10.1	16.0	41.6	15.1	6.9
2004	10.9	8.2	13.9	45.3	10.3	7.1
2003	11.3	11.4	7.4	42.5	11.3	4.2
2002	8.1	6.7	8.5	33.0	10.9	2.8
2001	7.0	6.4	6.3	29.4	6.8	3.9
2000	6.9	6.4	7.3	23.3	9.0	5.0

SCORES IN 2009

SCORES IN 2009

(A score is the percent above or below the average rate or ratio for all Arizona residents.

A **negative score** indicates **better than average** standing on an indicator).

1. TEEN PREGNANCIES

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
1-1	Pregnancies among females 19 and younger	-44.3	55.4	18.9	23.9	-58.6
1-2	Pregnancies among females 14 and younger	-57.1	57.1	14.3	42.9	-28.6
1-3	Pregnancies among females 15-17 years old	-56.8	80.0	10.9	29.5	-71.2
1-4	Pregnancies among females 18-19 years old	-41.9	60.2	38.2	11.2	-52.5
	TOTAL SCORE	-200.1	252.7	82.3	107.5	-210.9
	AVERAGE SCORE	-50.0	63.2	20.6	26.9	-52.7

2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2-1	Unmarried mothers	-34.3	25.9	38.7	70.1	-65.0
2-2	Tobacco use during pregnancy	66.7	-62.5	45.8	-45.8	-64.6
2-3	Alcohol use during pregnancy	20.0	-60.0	20.0	180.0	-60.0
2-4	Chronic hypertension	0.0	-25.0	100.0	100.0	12.5
2-5	Dysfunctional labor	12.5	-25.0	-6.3	56.3	56.3
2-6	Anemia during pregnancy	2.8	-27.8	66.7	100.0	-16.7
2-7	Diabetes during pregnancy	-23.1	2.6	-25.6	110.3	56.4
2-8	Pregnancy associated hypertension	16.7	-25.0	19.4	52.8	-30.6
2-9	Genital herpes during pregnancy	50.0	-40.0	20.0	-40.0	-40.0
2-10	Weight gain of less than 21 pounds	-26.9	23.5	15.7	29.1	-18.7
	TOTAL SCORE	84.4	-213.3	294.4	612.7	-170.3
	AVERAGE SCORE	8.4	-21.3	29.4	61.3	-17.0

3. UTILIZATION OF PRENATAL CARE SERVICES

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
3-1	No care in the 1st trimester	-38.8	31.1	-0.5	72.4	-39.8
3-2	Fewer than five prenatal visits	-52.8	39.6	0.0	101.9	-35.8
3-3	No prenatal care	-61.1	61.1	-11.1	16.7	-27.8
	TOTAL SCORE	-152.7	131.9	-11.6	191.0	-103.4
	AVERAGE SCORE	-50.9	44.0	-3.9	63.7	-34.5

4. NEWBORN'S HEALTH

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
4-1	Hyaline membrane disease	20.0	-20.0	40.0	-60.0	-40.0
4-2	Newborn intensive care	4.8	-6.5	48.4	-24.2	0.0
4-3	Born too early (preterm or < 37 weeks)	-1.0	-3.0	44.0	-4.0	0.0
4-4	Born too small: low-birthweight (<2,500 grams)	-2.8	-7.0	80.3	-9.9	23.9
4-5	Born too small: very low-birthweight (<1,500 grams)	-8.3	-8.3	133.3	-25.0	25.0
4-6	Incidence of congenital anomalies (birth defects)	16.7	0.0	16.7	33.3	-33.3
4-7	Infant mortality	-18.6	-5.1	189.8	42.4	-35.6
4-8	Sudden Infant Death Syndrome (SIDS)	-44.7	-11.4	265.5	62.1	-41.1
4-9	Mortality of infants from low birthweight/short gestation	-24.6	18.5	169.9	-55.8	-46.5
4-10	Neonatal mortality	-17.9	0.0	169.2	7.7	-25.6
4-11	Postneonatal mortality	-20.0	-15.0	230.0	110.0	-55.0
	TOTAL SCORE	-96.5	-57.8	1387.1	76.6	-228.2
	AVERAGE SCORE	-8.8	-5.3	126.1	7.0	-20.7

5. MORTALITY FROM NATURAL CAUSES - Chronic or infectious diseases

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
5-1	Cardiovascular diseases	-0.3	-4.8	30.1	-13.0	-20.1
5-2	Diseases of the heart	1.1	-10.6	17.4	-13.8	-33.7
5-3	Coronary heart disease	1.2	-10.5	18.5	-18.4	-30.1
5-4	Cerebrovascular disease	-4.8	17.0	48.1	-14.5	35.6
5-5	Chronic lower respiratory diseases	11.1	-59.5	-33.8	-52.6	-55.6
5-6	Malignant neoplasms (cancer)	2.6	-12.8	4.0	-23.0	-26.6
5-7	Lung cancer	9.5	-39.2	-0.8	-74.4	-31.8
5-8	Breast cancer	3.1	-14.6	59.9	-39.6	-69.3
5-9	Cervical cancer	-16.7	16.7	22.2	127.8	61.1
5-10	Colorectal cancer	0.0	7.0	9.3	-34.1	7.0
5-11	Prostate cancer	-1.1	8.7	57.1	-10.9	-88.6
5-12	Influenza and pneumonia	-11.0	6.2	-2.1	192.5	11.6
5-13	Diabetes	-22.3	79.0	98.1	245.2	3.2
5-14	Chronic liver disease and cirrhosis	-22.1	53.3	-74.6	342.6	-74.6
5-15	HIV disease	-37.5	31.3	456.3	131.3	-100.0
5-16	Septicemia	-15.6	3.9	71.4	307.8	19.5
5-17	Alzheimer's disease	3.1	-8.8	0.3	-63.1	-38.6
5-18	Nephritis, nephrotic syndrome and nephrosis (kidney disease)	-19.5	83.1	110.4	154.5	-80.5
5-19	Essential (primary) hypertension	-10.3	32.4	223.5	2.9	55.9
5-20	Total mortality from all causes	-0.9	-5.9	12.8	26.1	-27.6
	TOTAL SCORE	-130.3	171.7	1128.2	1173.4	-483.2
	AVERAGE SCORE	-6.5	8.6	56.4	93.5	-24.2

6. MORTALITY FROM INJURIES

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
6-1	Unintentional injuries	0.5	-18.1	-15.3	114.8	-43.2
6-2	Motor vehicle-related injuries	-12.9	-8.6	6.9	218.1	-44.0
6-3	Fall-related injuries	1.0	-4.8	-63.5	47.1	3.8
6-4	Drowning mortality	-13.3	-6.7	33.3	146.7	6.7
6-5	Injury by firearms	1.6	-18.8	25.0	-35.2	-65.6
6-6	Drug-induced deaths	22.6	-41.1	-11.9	-21.4	-89.3
6-7	Alcohol-induced deaths	-16.7	-15.8	-41.7	417.5	-76.7
6-8	Intentional self-harm (suicide)	14.3	-44.1	-34.8	-1.2	-38.5
6-9	Assault (homicide)	-41.8	47.3	158.2	140.0	-83.6
	TOTAL SCORE	-44.9	-110.7	56.3	1026.4	-430.3
	AVERAGE SCORE	-5.0	-12.3	6.3	144.0	-47.8

7. AGE-SPECIFIC MORTALITY

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
7-1	Mortality of children 1-14 years old	-25.7	8.4	41.1	77.2	13.4
7-2	Mortality of adolescents and young adults 15-19 years old	-20.0	11.3	-12.0	83.5	-20.6
7-3	Mortality among adults 20-44 years old	-3.8	-23.6	48.2	165.3	-59.7
7-4	Mortality among adults 45-65 years old	0.7	-17.2	37.1	43.5	-48.8
	TOTAL SCORE	-49.0	-21.1	114.4	369.6	-115.7
	AVERAGE SCORE	-12.2	-5.3	28.6	92.4	-28.9

8. PREMATURE MORTALITY

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
8-1	Median age at death from all causes	-2.6	11.8	15.8	23.0	2.6
8-2	Median age at death from all causes among males	-2.7	13.7	17.8	26.0	5.5
8-3	Median age at death from all causes among females	-1.3	10.0	15.0	17.5	3.8
8-4	Percent of total deaths before expected years of life reached	-8.6	29.5	39.0	45.5	15.4
	TOTAL SCORE	-15.2	65.1	87.6	112.1	27.3
	AVERAGE SCORE	-3.8	16.3	21.9	28.0	6.8

9. REPORTABLE DISEASES - (Number of cases per 100,000 [persons in specified group])

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
9-1	Incidence of early syphilis	-32.3	43.1	70.8	78.5	-73.8
9-2	Incidence of gonorrhea	-61.5	-5.9	541.0	1.4	-76.7
9-3	Incidence of chlamydia	-60.4	19.6	135.1	72.3	-61.8
9-4	Incidence of genital herpes	-51.3	-32.5	12.0	169.2	-75.2
9-5	Incidence of HIV/HIV/AIDS	-27.5	29.4	174.5	7.8	-43.1
	TOTAL SCORE	-232.9	53.7	933.4	329.3	-330.7
	AVERAGE SCORE	-39.4	10.7	186.7	65.9	-66.1

OVERALL HEALTH STATUS (ALL 70 INDICATORS)

		White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
	TOTAL SCORE	-837.2	272.1	4072.1	3998.6	-2045.4
	AVERAGE SCORE	-12.0	3.9	58.2	57.1	-29.2

RANKING ORDER IN 2009

RANK ORDER IN 2009

(A rank is the ordering of each race/ethnic group according to score).

1 = RANKS BEST AMONG RACE/ETHNIC GROUPS

5 = RANKS WORST AMONG RACE/ETHNIC GROUPS

1. TEEN PREGNANCIES

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
1-1	Pregnancies among females 19 and younger	2.0	5.0	3.0	4.0	1.0
1-2	Pregnancies among females 14 and younger	1.0	5.0	3.0	4.0	2.0
1-3	Pregnancies among females 15-17 years old	2.0	5.0	3.0	4.0	1.0
1-4	Pregnancies among females 18-19 years old	2.0	5.0	4.0	3.0	1.0
	SUM OF RANKS	7.0	20.0	13.0	15.0	5.0
	AVERAGE RANK	1.7	5.0	3.3	3.8	1.3

2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2-1	Unmarried mothers	2.0	3.0	4.0	5.0	1.0
2-2	Tobacco use during pregnancy	5.0	2.0	4.0	3.0	1.0
2-3	Alcohol use during pregnancy	3.5	1.5	3.5	5.0	1.5
2-4	Chronic hypertension	2.0	1.0	4.5	4.5	3.0
2-5	Dysfunctional labor	3.0	1.0	2.0	4.5	4.5
2-6	Anemia during pregnancy	3.0	1.0	4.0	5.0	2.0
2-7	Diabetes during pregnancy	2.0	3.0	1.0	5.0	4.0
2-8	Pregnancy associated hypertension	3.0	2.0	4.0	5.0	1.0
2-9	Genital herpes during pregnancy	5.0	2.0	4.0	2.0	2.0
2-10	Weight gain of less than 21 pounds	1.0	4.0	3.0	5.0	2.0
	SUM OF RANKS	29.5	20.5	34.0	44.0	22.0
	AVERAGE RANK	3.0	2.1	3.4	4.4	2.2

3. UTILIZATION OF PRENATAL CARE SERVICES

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
3-1	No care in the 1st trimester	2.0	4.0	3.0	5.0	1.0
3-2	Fewer than five prenatal visits	1.0	4.0	3.0	5.0	2.0
3-3	No prenatal care	1.0	5.0	3.0	4.0	2.0
	SUM OF RANKS	4.0	13.0	9.0	14.0	5.0
	AVERAGE RANK	1.3	4.3	3.0	4.7	1.7

4. NEWBORN'S HEALTH

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
4-1	Hyaline membrane disease	4.0	3.0	5.0	1.0	2.0
4-2	Newborn intensive care	4.0	2.0	5.0	1.0	3.0
4-3	Born too early (preterm or < 37 weeks)	3.0	2.0	5.0	1.0	4.0
4-4	Born too small: low-birthweight (<2,500 grams)	3.0	2.0	5.0	1.0	4.0
4-5	Born too small: very low-birthweight (<1,500 grams)	2.5	2.5	5.0	1.0	4.0
4-6	Incidence of congenital anomalies (birth defects)	3.5	2.0	3.5	5.0	1.0
4-7	Infant mortality	2.0	3.0	5.0	4.0	1.0
4-8	Sudden Infant Death Syndrome (SIDS)	1.0	3.0	5.0	4.0	2.0
4-9	Mortality of infants from low birthweight/short gestation	3.0	4.0	5.0	1.0	2.0
4-10	Neonatal mortality	2.0	3.0	5.0	4.0	1.0
4-11	Postneonatal mortality	2.0	3.0	5.0	4.0	1.0
	SUM OF RANKS	30.0	29.5	53.5	27.0	25.0
	AVERAGE RANK	2.7	2.7	4.9	2.5	2.3

5. MORTALITY FROM NATURAL CAUSES - Chronic or infectious diseases

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
5-1	Cardiovascular diseases	4.0	3.0	5.0	2.0	1.0
5-2	Diseases of the heart	4.0	3.0	5.0	2.0	1.0
5-3	Coronary heart disease	4.0	3.0	5.0	2.0	1.0
5-4	Cerebrovascular disease	2.0	3.0	5.0	1.0	4.0
5-5	Chronic lower respiratory diseases	5.0	1.0	4.0	3.0	2.0
5-6	Malignant neoplasms (cancer)	4.0	3.0	5.0	2.0	1.0
5-7	Lung cancer	5.0	2.0	4.0	1.0	3.0
5-8	Breast cancer	2.0	3.5	5.0	1.0	3.5
5-9	Cervical cancer	4.0	3.0	5.0	2.0	1.0
5-10	Colorectal cancer	1.0	2.5	2.5	5.0	4.0
5-11	Prostate cancer	3.0	4.0	5.0	2.0	1.0
5-12	Influenza and pneumonia	1.0	3.0	2.0	5.0	4.0
5-13	Diabetes	1.0	3.0	4.0	5.0	2.0
5-14	Chronic liver disease and cirrhosis	3.0	4.0	1.5	5.0	1.5
5-15	HIV disease	2.0	3.0	5.0	4.0	1.0
5-16	Septicemia	1.0	2.0	4.0	5.0	3.0
5-17	Alzheimer's disease	5.0	3.0	4.0	1.0	2.0
5-18	Nephritis, nephrotic syndrome and nephrosis (kidney disease)	2.0	3.0	4.0	5.0	1.0
5-19	Essential (primary) hypertension	1.0	3.0	5.0	2.0	4.0
5-20	Total mortality from all causes	3.0	2.0	4.0	5.0	1.0
	SUM OF RANKS	57.0	57.0	84.0	60.0	42.0
	AVERAGE RANK	2.9	2.9	4.2	3.0	2.1

6. MORTALITY FROM INJURIES

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
6-1	Unintentional injuries	4.0	2.0	3.0	5.0	1.0
6-2	Motor vehicle-related injuries	2.0	3.0	4.0	5.0	1.0
6-3	Fall-related injuries	3.0	2.0	1.0	5.0	4.0
6-4	Drowning mortality	1.0	2.0	4.0	5.0	3.0
6-5	Injury by firearms	4.0	3.0	5.0	2.0	1.0
6-6	Drug-induced deaths	5.0	2.0	4.0	3.0	1.0
6-7	Alcohol-induced deaths	3.0	4.0	2.0	5.0	1.0
6-8	Intentional self-harm (suicide)	5.0	1.0	3.0	4.0	2.0
6-9	Assault (homicide)	2.0	3.0	5.0	4.0	1.0
	SUM OF RANKS	29.0	22.0	31.0	38.0	15.0
	AVERAGE RANK	3.2	2.4	3.4	4.2	1.7

7. AGE-SPECIFIC MORTALITY

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
7-1	Mortality of children 1-14 years old	1.0	2.0	4.0	5.0	3.0
7-2	Mortality of adolescents and young adults 15-19 years old	2.0	4.0	3.0	5.0	1.0
7-3	Mortality among adults 20-44 years old	3.0	2.0	4.0	5.0	1.0
7-4	Mortality among adults 45-65 years old	3.0	2.0	4.0	5.0	1.0
	SUM OF RANKS	9.0	10.0	15.0	20.0	6.0
	AVERAGE RANK	2.3	2.5	3.8	5	1.5

8. PREMATURE MORTALITY

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
8-1	Median age at death from all causes	1.0	3.0	4.0	5.0	2.0
8-2	Median age at death from all causes among males	1.0	3.0	4.0	5.0	2.0
8-3	Median age at death from all causes among females	1.0	3.0	4.0	5.0	2.0
8-4	Percent of total deaths before expected years of life reached	1.0	3.0	4.0	5.0	2.0
	SUM OF RANKS	4.0	12.0	16.0	20.0	8.0
	AVERAGE RANK	1.0	3.0	4.0	5.0	2.0

9. REPORTABLE DISEASES - (Number of cases per 100,000 persons in specified group)

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
9-1	Incidence of early syphilis	2.0	3.0	4.0	5.0	1.0
9-2	Incidence of gonorrhea	2.0	3.0	5.0	4.0	1.0
9-3	Incidence of chlamydia	2.0	3.0	5.0	4.0	1.0
9-4	Incidence of genital herpes	2.0	3.0	4.0	5.0	1.0
9-5	Incidence of HIV/AIDS	2.0	4.0	5.0	3.0	1.0
	SUM OF RANKS	10.0	16.0	23.0	21.0	5.0
	AVERAGE RANK	2.0	3.2	4.6	4.2	1.0

OVERALL HEALTH STATUS (ALL 70 INDICATORS)

		White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
	SUM OF ALL RANKS FOR 70 MEASUREMENTS	179.5	200.0	278.5	259.0	133.0
	AVERAGE RANKS BASED ON 70 MEASUREMENTS	2.6	2.9	4.0	3.7	1.9

DATA SOURCES AND DEFINITIONS

SOURCES OF DATA

Information on births and deaths is compiled from the original documents (i.e., certificates of live births and certificates of death) filed with the Arizona Department of Health Services. Information on induced terminations of pregnancy (abortions) performed on Arizona women is compiled from reports sent to the Arizona Department of Health Services by facilities within but not outside the state.

Pregnancies are the sum of live births, spontaneous terminations of pregnancy (fetal deaths or stillbirths) and induced terminations of pregnancy (abortions).

Data on morbidity, levels of disease and disability in the population, are obtained for certain infectious diseases that must be reported by law. The ADHS Epidemiology and Disease Control Services conduct surveillance and monitoring of these reportable diseases and provided data for section 9 in this report.

Population denominators for Arizona residents, used to calculate rates for 2009 and other intercensal years utilize the best available data sources. They are described in detail at <http://www.azdhs.gov/plan/menu/info/pd.htm>.

Almost all figures are based on rates and ratios published in the 2000 and 2009 editions of the **Arizona Health Status and Vital Statistics** reports and available online at <http://www.azdhs.gov/plan/report/ahs/index.htm>

DEFINITIONS

1. TEEN PREGNANCIES

Figure number	Indicator	Definitions
1-1	Pregnancies among females 19 and younger	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	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	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	The sum of live births, fetal deaths, and abortions per 1,000 females aged 18-19 years.

2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS

Figure number	Indicator	Definitions
2-1	Unmarried mothers	The number of births to unmarried mothers per 100 births.
2-2	Tobacco use during pregnancy	The number of mothers giving birth who self-reported tobacco use during pregnancy per 100 births.
2-3	Alcohol use during pregnancy	The number of mothers giving birth who self-reported alcohol use during pregnancy per 100 births.
2-4	Chronic hypertension	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	Failure to progress in a normal pattern of labor (the number of cases per 100 births).

2-6	Anemia during pregnancy	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	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	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	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	The number of women giving birth who gained less than 21 pounds per 100 births.

3. UTILIZATION OF PRENATAL CARE SERVICES

Figure number	Indicator	Definition
3-1	No care in the 1 st trimester	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	The number of mothers giving birth who had fewer than five prenatal visits during pregnancy per 100 births.
3-3	No prenatal care	The number of mothers giving birth who received no prenatal care during pregnancy per 100 births.

4. NEWBORN'S HEALTH

Figure number	Indicator	Definition
4-1	Incidence of hyaline membrane disease	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	The number of babies admitted to Newborn Intensive Care units per 100 births.
4-3	Born too early (preterm or < 37 weeks)	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)	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)	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)	The numbers of babies born with birth defects per 100 births.
4-7	Infant mortality	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)	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	The number of infant deaths from low-birthweight/short gestation (ICD-10 code P07) per 1,000 live births.

4-10	Neonatal mortality	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	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)

Figure number	Indicator	Definition
5-1	Cardiovascular disease	The number of deaths from cardiovascular diseases (ICD-10 codes I00-I78) per 100,000 age-adjusted population.
5-2	Diseases of the heart	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	The number of deaths from coronary heart disease (ICD-10 codes I200-I259 and I110 – I119) per 100,000 age-adjusted population.
5-4	Cerebrovascular disease	The number of deaths from cerebrovascular disease (ICD-10 codes I60–I69) per 100,000 age-adjusted population.
5-5	Chronic lower respiratory diseases	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)	The number of deaths from cancer (ICD-10 codes C00–C97) per 100,000 age-adjusted population.
5-7	Lung cancer	The number of deaths from lung cancer (ICD-10 codes C33–C34) per 100,000 age-adjusted population.
5-8	Breast cancer	The number of deaths from breast cancer (ICD-10 code C50) per 100,000 age-adjusted female population.
5-9	Cervical cancer	The number of deaths from cervical cancer (ICD-10 code C53) per 100,000 age-adjusted female population.
5-10	Colorectal cancer	The number of deaths from colorectal cancer (ICD-10 codes C18–C21) per 100,000 age-adjusted population.
5-11	Prostate cancer	The number of deaths from prostate cancer (ICD-10 code C61) per 100,000 age-adjusted male population.
5-12	Influenza and pneumonia	The number of deaths from influenza and pneumonia (ICD-10 codes J10–J18) per 100,000 age-adjusted population.
5-13	Diabetes	The number of deaths from diabetes (ICD-10 codes E10–E14) per 100,000 age-adjusted population.
5-14	Chronic liver disease and cirrhosis	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	The number of deaths from HIV disease (ICD-10 codes B20–B24) per 100,000 age-adjusted population.
5-16	Septicemia	The number of deaths from septicemia (ICD-10 codes A40–A41) per 100,000 age-adjusted population.
5-17	Alzheimer's disease	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)	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	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	Total number of deaths from all causes per 100,000 age-adjusted population.

6. MORTALITY FROM INJURIES

Figure number	Indicator	Definition
6-1	Unintentional injuries	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	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	The number of deaths from fall-related injuries (ICD-10 codes W00–W19) per 100,000 age-adjusted population.
6-4	Drowning mortality	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	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	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	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)	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)	The number of homicides (ICD-10 codes X85–X09, Y87.1) per 100,000 age-adjusted population.

7. AGE-SPECIFIC MORTALITY

Figure number	Indicators	Definition
7-1	Mortality of children 1-14 years old	The number of deaths per 100,000 children 1-14 years old.
7-2	Mortality of adolescents 15-19 years old	The number of deaths per 100,000 adolescents 15-19 years old.
7-3	Mortality of young adults 20-44 years old	The number of deaths per 100,000 young adults 20-44 years old.
7-4	Mortality of middle-aged adults 45-64 years old	The number of deaths per 100,000 middle-aged adults 45-64 years old.

8. PREMATURE MORTALITY

Figure number	Indicators	Definition
8-1	Median age at death from all causes	The median age (the age in the middle) of Arizonans who died during a calendar year.
8-2	Median age at death from all causes among males	The median age (the age in the middle) of Arizona males who died during a calendar year.
8-3	Median age at death from all causes among females	The median age (the age in the middle) of Arizona females who died during a calendar year.
8-4	Percent of total deaths before expected years of life reached	The number of deaths before reaching the life expectancy of all U.S. residents per 100 deaths.

9. REPORTABLE DISEASES

Figure number	Indicators	Definition
9-1	Incidence of early syphilis	Number of reported cases of early syphilis per 100,000 population.
9-2	Incidence of gonorrhea	Number of reported cases of gonorrhea per 100,000 population.
9-3	Incidence of chlamydia	Number of reported cases of chlamydia per 100,000 population.
9-4	Incidence of genital herpes	Number of reported cases of genital herpes per 100,000 population.
9-5	Incidence of HIV/AIDS	Number of reported new cases of HIV/AIDS per 100,000 population. The estimated incidence of HIV/AIDS includes the sum of new HIV cases and new AIDS cases which were not diagnosed as HIV positive in any prior calendar year. The cases of persons who were diagnosed with both HIV and AIDS in the same calendar year are counted only as AIDS to avoid double counting. Due to reporting delays, all counts for 2000-2009 are provisional.

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 A	2009 population B	2009 deaths C	Age-specific rates in 2009 D (C/B)*100000	2000 standard E	Age-adjusted rate for 2009 F D*E
<1	92,263	547	592.9	.013818	8.2
1-4	406,201	127	31.3	.055317	1.7
5-14	936,521	144	15.4	.145565	2.2
15-24	912,887	655	71.8	.138646	9.9
25-34	963,181	979	101.6	.135573	13.8
35-44	909,619	1,538	169.1	.162613	27.5
45-54	851,931	3,411	400.4	.134834	54.0
55-64	665,902	5,544	832.6	.087247	72.6
65-74	436,372	7,810	1789.8	.066037	118.2
75-84	309,765	11,672	3768.0	.044842	169.0
85+	111,136	12,616	11351.9	.015508	176.0
All ages	6,595,778	45,065		TOTAL	653.2

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. The measures of comparison between ICD-9 and ICD-10 – the "comparability ratios" – for the causes of death shown in this report are available on the Arizona Vital Statistics web site at http://www.azdhs.gov/plan/report/ahs/ahs2000/pdf/452_455codn.pdf

POPULATION DENOMINATORS

**POPULATION BY RACE/ETHNICITY:
ARIZONA RESIDENTS, 1990, 2000 AND 2009**

Race/ethnic group	1990	2000	2009	Percent increase from 1990 to 2009
All Groups	3,665,228	5,130,632	6,595,778	80.0
White Non-Hispanic	2,607,633	3,274,258	3,980,073	52.6
Hispanic or Latino	688,338	1,295,617	1,835,276	166.6
Black or African American	110,524	158,873	260,432	135.6
American Indian or Alaska Native	203,527	255,879	346,080	70.0
Asian or Pacific Islander	55,026	98,969	173,917	216.1

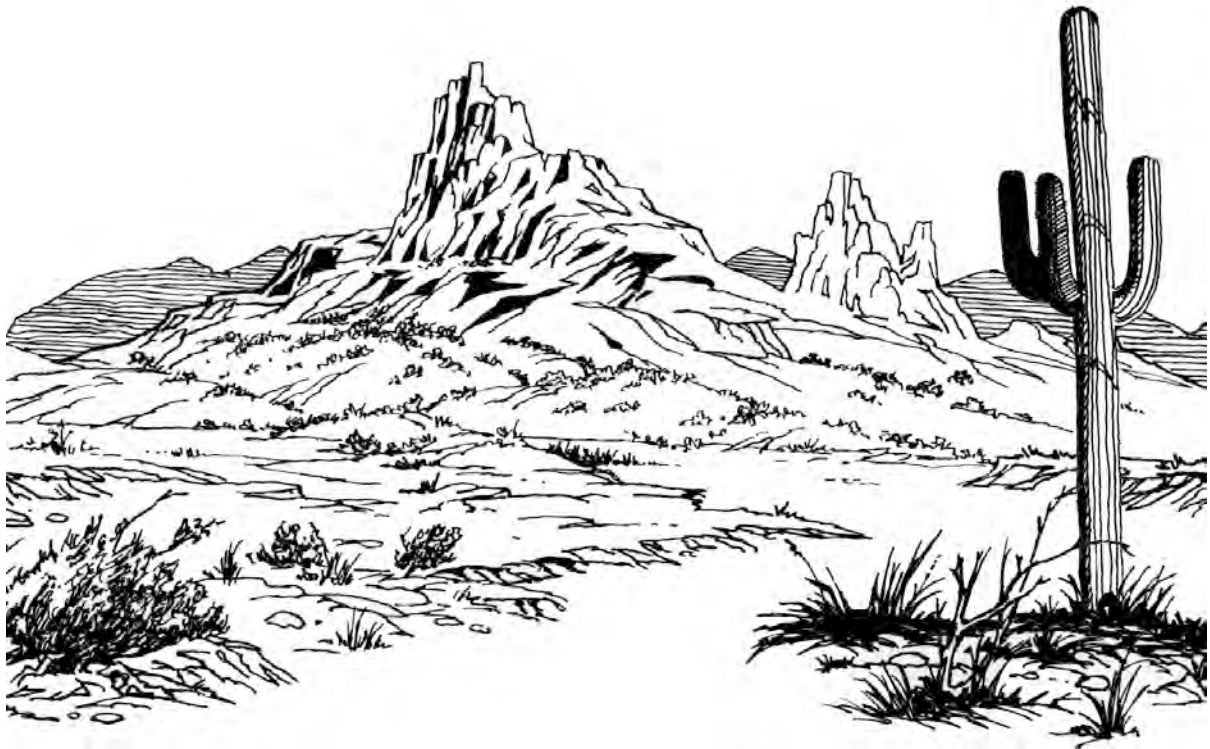
Note: Data for 1990 and 2000 are the census counts. The estimated total population of Arizona in 2009 (6,595,778) agrees with the U.S. Census Bureau estimate released in December 2009 (Table 1. Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2009; NST-EST2009-01; available online at <http://www.census.gov/popest/states/tables/NST-EST2009-01.xls>). The percentages of population breakdowns by age, race/ethnicity, gender, and county of residence were derived from our own population denominator database for 2008. These percentages were then applied to the estimated total state population for 2009 from the U.S. Census Bureau. The size of the population <1 year of age was adjusted down, to correspond with a substantial decrease in the number of resident births in 2009.

ESTIMATED POPULATION BY AGE GROUP, GENDER AND RACE/ETHNICITY, ARIZONA, 2009

		<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total
All groups	Total	92,263	406,201	936,521	912,887	963,181	909,619	851,931	665,902	436,372	309,765	111,136	6,595,778
	Male	47,049	208,138	480,083	476,108	501,720	463,023	421,091	320,286	204,649	137,784	41,630	3,301,561
	Female	45,214	198,063	456,438	436,779	461,461	446,596	430,840	345,616	231,723	171,981	69,506	3,294,217
White non-Hispanic	Total	39,616	176,475	437,168	473,745	498,234	541,240	586,824	514,898	352,479	261,814	97,580	3,980,073
	Male	20,261	90,286	224,369	244,202	251,612	271,228	288,999	247,477	165,940	116,120	36,681	1,957,175
	Female	19,355	86,189	212,799	229,543	246,622	270,012	297,825	267,421	186,539	145,694	60,899	2,022,898
Hispanic or Latino	Total	38,514	175,256	362,650	303,598	338,021	255,103	175,125	96,115	52,345	30,149	8,400	1,835,276
	Male	19,561	89,707	185,777	161,083	185,413	135,062	88,530	47,147	24,060	13,154	3,103	952,597
	Female	18,953	85,549	176,873	142,515	152,608	120,041	86,595	48,968	28,285	16,995	5,297	882,679
Black or African American	Total	4,339	19,094	47,630	42,947	40,392	37,658	30,513	17,829	10,677	7,625	1,728	260,432
	Male	2,285	10,199	25,210	23,636	21,750	20,429	16,381	8,990	5,578	4,279	645	139,382
	Female	2,054	8,895	22,420	19,311	18,642	17,229	14,132	8,839	5,099	3,346	1,083	121,050
American Indian or Alaska Native	Total	6,333	24,248	65,222	68,922	51,722	45,574	38,055	23,703	13,276	6,598	2,427	346,080
	Male	3,192	12,242	32,825	34,616	25,777	22,173	17,666	11,170	5,853	2,826	833	169,173
	Female	3,141	12,006	32,397	34,306	25,945	23,401	20,389	12,533	7,423	3,772	1,594	176,907
Asian or Pacific Islander	Total	3,461	11,128	23,851	23,675	34,812	30,044	21,414	13,357	7,595	3,579	1,001	173,917
	Male	1,750	5,704	11,902	12,571	17,168	14,131	9,515	5,502	3,218	1,405	368	83,234
	Female	1,711	5,424	11,949	11,104	17,644	15,913	11,899	7,855	4,377	2,174	633	90,683

Note: The estimated total population of Arizona in 2009 (6,595,778) agrees with the U.S. Census Bureau estimate released in December 2009 (Table 1. Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2009; NST-EST2009-01; available online at <http://www.census.gov/popest/states/tables/NST-EST2009-01.xls>). The percentages of population breakdowns by age, race/ethnicity, gender, and county of residence were derived from our own population denominator database for 2008. These percentages were then applied to the estimated total state population for 2009 from the U.S. Census Bureau. The size of the population <1 year of age was adjusted down, to correspond with a substantial decrease in the number of resident births in 2009.

Our Web site at <http://www.azdhs.gov/plan> provides instantaneous access to a wide range of statistical information about health status of Arizonans. The *Arizona Health Status and Vital Statistics* annual report examines trends in natality, mortality, and morbidity towards established health objectives. Additional reports and studies include *Differences in the Health Status Among Race/Ethnic Groups*, *Advance Vital Statistics by County of Residence*, *Mortality from Alzheimer's Disease*, *Injury Mortality among Arizona Residents* (accidents, suicides, homicides, legal intervention, firearm-related fatalities, drug-related deaths, drowning deaths, falls among Arizonans 65 years or older), hospital inpatient and emergency room statistics for *mental disorders, asthma, diabetes, influenza and pneumonia and substance abuse*, *Community Vital Statistics*, *Teenage Pregnancy*, *Selected Characteristics of Newborns and Mothers Giving Birth by Census Tract in Maricopa County, Pima County and South Phoenix Area*, *Health Status Profile of American Indians in Arizona*, *Deaths from Exposure to Excessive Natural Heat Occurring in Arizona*, *Obesity in Arizona: Prevalence, Hospital Care Utilization, Mortality, Marital Status and Health*, *Heart Disease vs. Cancer: An Epidemiologic Transition in Mortality Risks*.



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