



**DIFFERENCES
IN THE HEALTH STATUS
AMONG RACE/ETHNIC
GROUPS
ARIZONA, 2007**



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

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Differences in the Health Status Among Race/Ethnic Groups, Arizona, 2007

BY

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October 2008

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Differences in the Health Status Among Race/Ethnic Groups, Arizona, 2007

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PURPOSE

The report *Differences in the Health Status Among Race/Ethnic Groups, Arizona, 2007* 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 2007* while the tabulated values also are available by year in the *Comparative Rates and Ratios for 2000-2007* 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 6,432,007 Arizona residents in 2007, approximately 3,872,764 (60.2 percent) were White non-Hispanic, 1,798,222 (28.0 percent) were Hispanic or Latino, and 337,764 (5.3 percent) were American Indian or Alaska Natives. Blacks or African Americans accounted for 253,477 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 (169,780 people).

The White non-Hispanic population increased by 48.5 percent from 1990 to 2007, while Arizona saw a 141.9 percent increase in its minority population (See p.159: *Population by Race/Ethnic Group: Arizona Residents, 1990, 2000 and 2007*). Both the Hispanic and Black or African American race/ethnic minority groups in Arizona more than doubled in size since 1990. The Asian or Pacific Islander population more than tripled in size (208.5 percent increase) percent while the American Indian population increased by 66.0 percent from 1990 to 2007.

Compared with the White non-Hispanics, the race/ethnic minority groups have had greater percentages of people younger than 25 years (46.8 vs. 28.5 percent). In contrast, people aged 65 years and older accounted for 17.9 percent of White non-Hispanics, but only 5.6 percent of all race/ethnic minority groups combined. Among Arizonans 25 years old or younger in 2007, the majority (52.1 percent) was other than White non-Hispanic. Among Arizona's older adults 65 years old or older, eight out of ten (83.0 percent) were White non-Hispanic (**Table A**).

Table A. POPULATION BY AGE GROUP AND RACE/ETHNICITY, ARIZONA, 2007

| POPULATION BY AGE GROUP IN 2007 | 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 | 2,301,902 | 1,103,197 | 1,198,705 | 866,382 | 111,029 | 160,989 | 60,305 |
| Percent | 35.8% | 28.5% | 46.8% | 48.2% | 43.8% | 47.7% | 35.5% |
| 25-64 years | 3,294,333 | 2,075,734 | 1,218,599 | 843,223 | 122,806 | 155,057 | 97,513 |
| Percent | 51.2% | 53.6% | 47.6% | 46.9% | 48.4% | 45.9% | 57.4% |
| 65+ years | 835,772 | 693,833 | 141,939 | 88,617 | 19,642 | 21,718 | 11,962 |
| Percent | 13.0% | 17.9% | 5.6% | 4.9% | 7.8% | 6.4% | 7.1% |
| Total, all ages** | 6,432,007 | 3,872,764 | 2,559,243 | 1,798,222 | 253,477 | 337,764 | 169,780 |
| Percent | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Similar to the differences in the age composition is the contrasting pattern of proportional mortality by age group. In 2007, the elderly (65 years and older) comprised 76.3 percent of the total mortality among White non-Hispanics, compared to 43.5 percent among American Indians, 46.6 percent among Blacks, 49.4 percent among Hispanics, and 58.9 percent among Asians. One out of fifty White non-Hispanics who died in 2007 was less than 25 years old (1.9 percent). In contrast, persons younger than 25 years of age accounted for one out of every eight (12.9 percent) deaths among Arizona race/ethnic minorities:

Table B. MORTALITY BY AGE GROUP AND RACE/ETHNICITY, ARIZONA, 2007

| MORTALITY BY AGE GROUP IN 2007: | 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 | 1,810 | 677 | 1,133 | 778 | 136 | 193 | 26 |
| Percent | 4.1% | 1.9% | 12.9% | 14.2% | 10.7% | 11.6% | 7.1% |
| 25-64 years | 11,238 | 7,805 | 3,417 | 2,003 | 545 | 745 | 124 |
| Percent | 25.2% | 21.8% | 38.8% | 36.4% | 42.7% | 44.9% | 34.0% |
| 65+ years | 31,592 | 27,323 | 4,248 | 2,715 | 595 | 723 | 215 |
| Percent | 70.8% | 76.3% | 48.3% | 49.4% | 46.6% | 43.5% | 58.9% |
| Total, all ages** | 44,640 | 35,805 | 8,798 | 5,496 | 1,276 | 1,661 | 365 |
| Percent | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

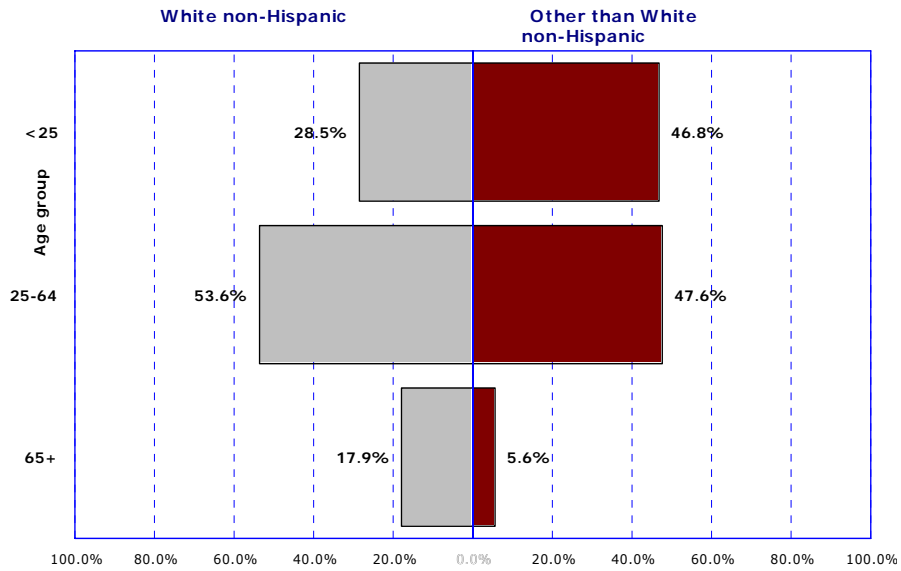
*Includes other groups than Hispanic, Black, American Indian, and Asian.
 **Includes unknown age.

In 2007, the absolute majority of deaths of American Indian (56.5 percent), Black (53.4 percent), and Hispanic (50.6) residents of Arizona occurred before the age of 65 years, compared to 23.7 percent among White non-Hispanics.

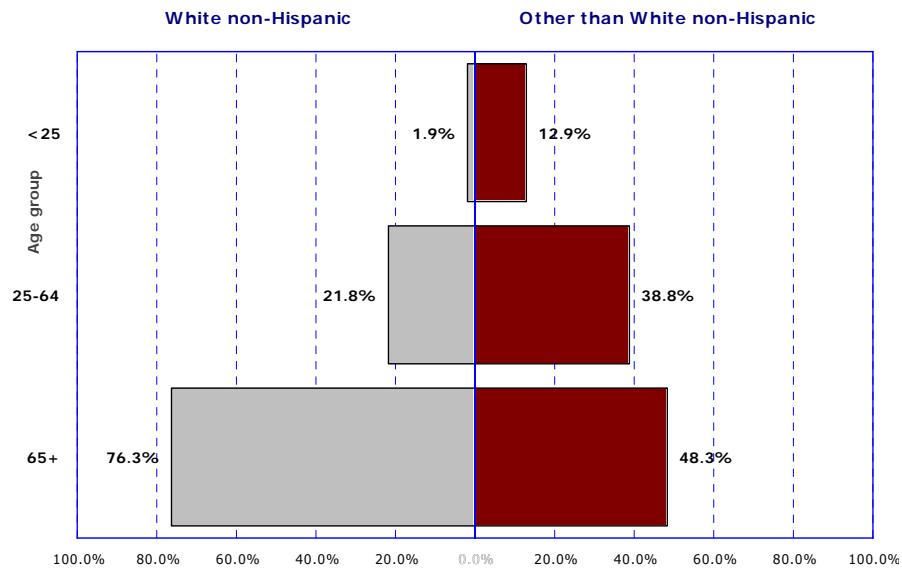
Elderly 65 years and older accounted for only 4.9 percent of Arizona’s Hispanic residents (the smallest fraction among the race/ethnic groups). Simultaneously, the proportion of deaths before the age 25 was the highest among Hispanics (14.2 percent). These two facts reflect both the young migrant effect (Hispanic immigrants are looking for work, not retirement), and the so-called “salmon bias” effect, “which posits that U.S. residents of Hispanic origin may return to their country of origin to die or when ill”.#

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, 2007



Percent distribution of deaths by age group and race/ethnicity, Arizona, 2007



Minino AM, Heron MP, Murphy SL, Kochanek, KD. *Deaths: Final Data for 2004*. National vital statistics report; vol.55 no 19. Hyattsville, MD: National Center for Health Statistics. 2007.

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 *Comparative Rates and Ratios for 2000-2007* 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, 2003, and 2005 data years. This report uses the same methodology as the 1997, 1999, 2001, 2003, and 2005 editions, so that average scores and average ranks (but not mortality rates published before 2000) are directly comparable.

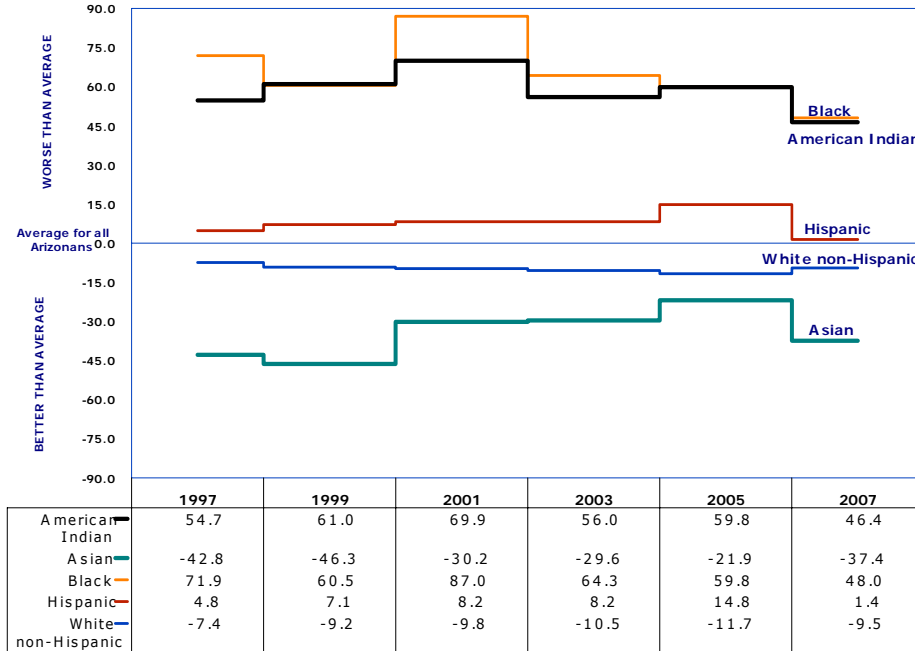
*For consistency, the signs + and - for scores indicating the median age at death as higher or lower than the statewide average were reversed (indicators 8-1, 8-2, 8-3). Otherwise, a higher-than-average median age at death would indicate worse than average standing on this indicator.

** A comparison of the median with the mean age at death in Arizona by race/ethnicity, gender, and year for 1997-2007 is available in Table 2D-1 of "Arizona Health Status and Vital Statistics 2007" report at <http://www.azdhs.gov/plan/report/ahs/ahs2007/pdf/2d1.pdf>

KEY FINDINGS

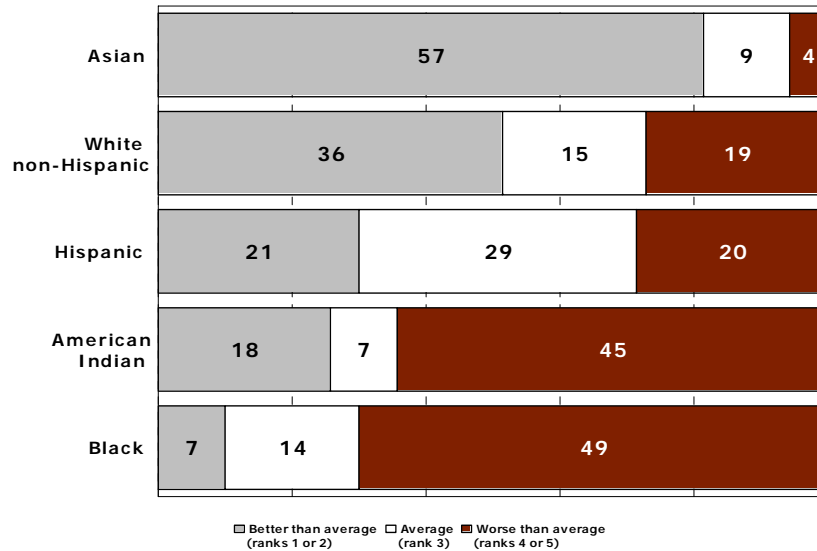
The inequity between the groups, as measured by the range of score values from the lowest (the most favorable standing among the groups) to the highest (the least favorable standing), narrowed from 117.2 points in 2001 (from -30.2 for Asians to 87.0 for Blacks) to 81.7 in 2005, and slightly increased to 85.4 in 2007 (**Figure A**). The average score for Blacks improved from 87.0 in 2001 to 48.0 in 2007. Compared to a score of -11.7 in 2005, the average score for White non-Hispanics slightly worsened to -9.5 in 2007. In contrast, the average score for American Indians improved from 59.8 in 2005 to 46.4 in 2007. Hispanics had their best average score in 2007, compared to their average scores in 1997, 1999, 2001, 2003, and 2005. In fact, their overall standing in 2007 was no different from the average for all groups (**Figure A**).

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

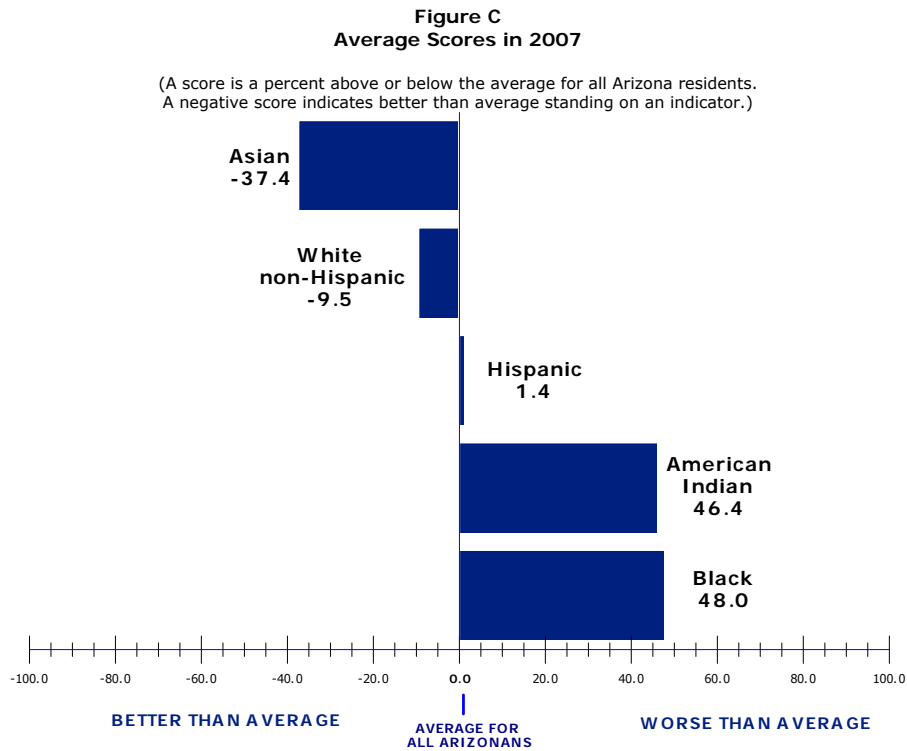


In 2007 as in 2005, 2003, 2001, 1999 and 1997, Arizona's Asian residents ranked best among race/ethnic groups in the overall health status, followed by White non-Hispanics, Hispanics, American Indians, and Blacks (**Figure B**).

Figure B
Number of Times Each Group Ranked Better Than Average, Average, and Worse Than Average on 70 Indicators, Arizona, 2007



The average scores based on all 70 measurements ranged from -37.4 for Asians to 48.0 for Blacks (**Figure C**). The difference in the average scores for White non-Hispanics and Hispanics narrowed from 26.5 points in 2005 (-11.7 and 14.8; **Figure A**) to 10.9 in 2007. The average scores for American Indians (46.4) and Blacks (48.0) differed by a mere 1.6 percentage points.



ASIANS or PACIFIC ISLANDERS

Average rank: 1.7* Total score: -2,616.8 Average score: -37.4**

In 2007, Asian residents of Arizona ranked best or second best among race/ethnic groups on 57 of 70 indicators, including measures of utilization of prenatal care services, cause-and-age-specific mortality and in low incidence of teen pregnancies or reportable diseases. Asians median age at death was the second highest among the race/ethnic groups in Arizona in 2007. Asians also had the lowest risk of injury mortality in accidents, as well as drug-and/or-alcohol induced deaths and firearm-related mortality. Their overall score improved from -21.9 in 2005 to -37.4 in 2007. The total mortality rate of 356.3 deaths per 100,000 Asian or Pacific Islander residents of the State was the lowest rate among the race/ethnic groups, and it was the lowest rate for Asians since 2000. So were the mortality rates for diabetes, chronic lower respiratory diseases, cardiovascular diseases, and influenza and pneumonia. In 2000-2007, infants of Asian mothers had the lowest infant mortality rates (IMR) among the race/ethnic groups. In 2007, the Asian IMR of 3.2 infant deaths per 1,000 live births was 52.9 percent lower than the IMR of 6.8/1,000 for all groups (See *Comparative Rates and Ratios for 2000-2007*).

*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). See section RANKING ORDER IN 2007.
 **The average score based on all 70 measurements (the sum of all scores divided by 70 measurements). See section SCORES IN 2007.

WHITE NON-HISPANICS

Average rank: 2.7 Total score: -666.5 Average score: -9.5

White non-Hispanics ranked second best in the relative healthiness among race/ethnic groups in Arizona. They ranked No.1 or No.2 on 36 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 suicide, lung cancer, chronic lower respiratory diseases, and Alzheimer's disease, White non-Hispanics ranked worst among race/ethnic groups. The White non-Hispanic overall score of -9.5 in 2007 was their 3rd worst score since 1997. It reflects deterioration in teen pregnancy rates among females 14 and younger and females 18-19 years old, as well as mortality rates for drug-and-alcohol induced deaths, suicide, and prostate cancer. The incidence of both early syphilis and HIV/AIDS increased in 2007. However, the 2007 total mortality rate of 665.1 deaths/100,000 was the lowest mortality rate of White non-Hispanics in 2000-2007.

HISPANICS or LATINOS

Average rank: 2.9 Total score: 100.8 Average score: +1.4

In 2007, as in 2005, 2003, 2001, 1999 and 1997, Hispanics achieved a 3rd place health ranking. The inequity between Hispanics and White non-Hispanics as measured by the range of score values narrowed from 26.5 in 2005 (14.8 and -11.7) to 10.9 in 2007 (1.4 and 9.5). Hispanics ranked in the middle of five groups on 29 of 70 measures of health. They ranked best or second best on 21 indicators in 2007, an increase from 18 indicators in 2005. They ranked worse than average with high teen pregnancy rates and low utilization of prenatal care services. They ranked better than average with low alcohol and tobacco use among women giving birth, low incidence of preterm births and low-birthweight. In 2005, the mortality rate for diabetes among Hispanics was 128.9 percent greater than the average rate for all groups; in 2007 it was 81.2 percent greater. The overall score of 1.4 reflects a lack of substantial gap between the statewide averages in 2007 and the rates or ratios specific to Hispanics. *Comparative Rates and Ratios for 2000-2007* provide detailed picture of changes over time for all of the 70 measures.

AMERICAN INDIANS or ALASKA NATIVES

Average rank: 3.7 Total score: 3,247.2 Average score: +46.4

In 2007, 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 45 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 birth defects and high infant mortality, high mortality from alcohol-induced causes, diabetes, influenza and pneumonia, septicemia, motor vehicle accidents and mortality from other unintentional injuries contributed to the premature death rate. In 2007, compared to White non-Hispanics, on average American Indian residents of Arizona were 17 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: 3,361.7

Average score: +48.0

The average score of Arizona Black or African American residents has improved from 87.0 in 2001 to 64.3 in 2003 and 59.8 in 2005. 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 49 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 incidence of birth defects, low mortality rates for alcohol-induced causes, suicide, and fall-related injuries. The total mortality rate of 719.2 deaths per 100,000 Black or African American residents of the State was the second highest rate among the race/ethnic groups, but it was the lowest rate for Blacks since 2000.

COMPARATIVE CAUSE-SPECIFIC MORTALITY IN 2007

In 2007, 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 for each group except Asians. For Asians, stroke was the 3rd leading cause of death in 2007. Diabetes was among the top five causes of death among American Indians, Blacks, and Hispanics, but not among Asians and White non-Hispanics. Alzheimer’s disease was the fifth leading cause of death only among White non-Hispanics and Asians. Chronic liver disease and cirrhosis was the fifth leading cause of death specific to American Indians. Stroke was the fourth leading cause of death among both Hispanics or Latinos and Blacks or African Americans. Chronic lower respiratory diseases were the fourth leading cause of death specific to White non-Hispanics.

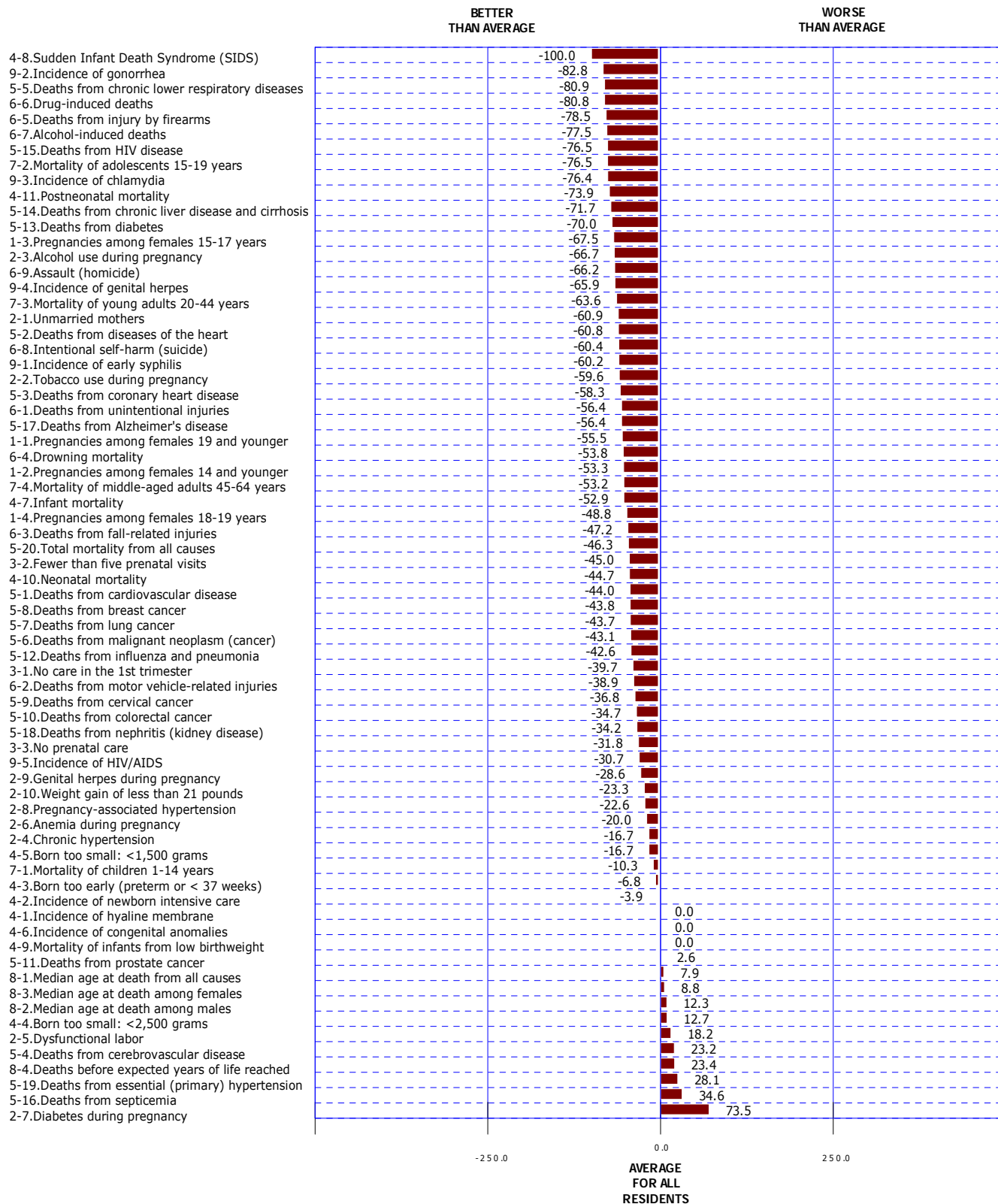
Figure D
Comparative Age-Adjusted Mortality Rates for the Five Leading Causes of Death by Race/Ethnicity in 2007

| Rank | Asian or Pacific Islander | American Indian or Alaska Native | Black or African American | Hispanic or Latino | White non-Hispanic |
|------|------------------------------|---|------------------------------|------------------------------|--|
| 1 | Cancer 84.2 | Diseases of heart 115.2 | Diseases of heart 171.3 | Diseases of heart 131.5 | Cancer 154.6 |
| 2 | Diseases of heart 58.6 | Cancer 113.9 | Cancer 153.4 | Cancer 118.6 | Diseases of heart 153.2 |
| 3 | Stroke 37.7 | Unintentional injury 95.0 | Unintentional injury 48.1 | Unintentional injury 40.6 | Unintentional injury 44.9 |
| 4 | Unintentional injury 20.3 | Diabetes 51.1 | Stroke 34.1 | Stroke 34.9 | Chronic lower respiratory diseases 43.7 |
| 5 | Alzheimer's disease 12.9 | Chronic liver disease and cirrhosis 36.8 | Diabetes 30.3 | Diabetes 30.8 | Alzheimer's disease 30.9 |

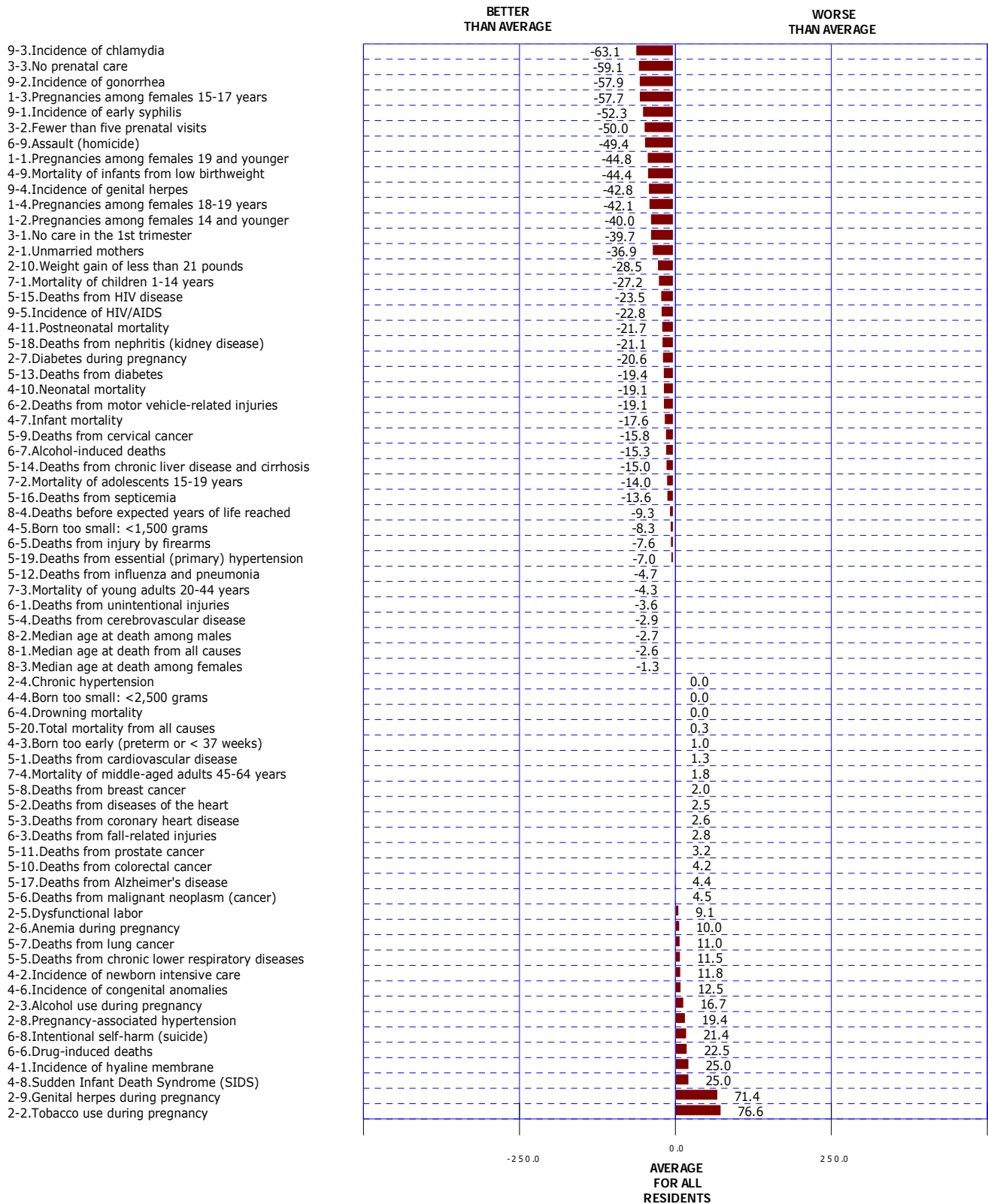
RISK PROFILES

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.

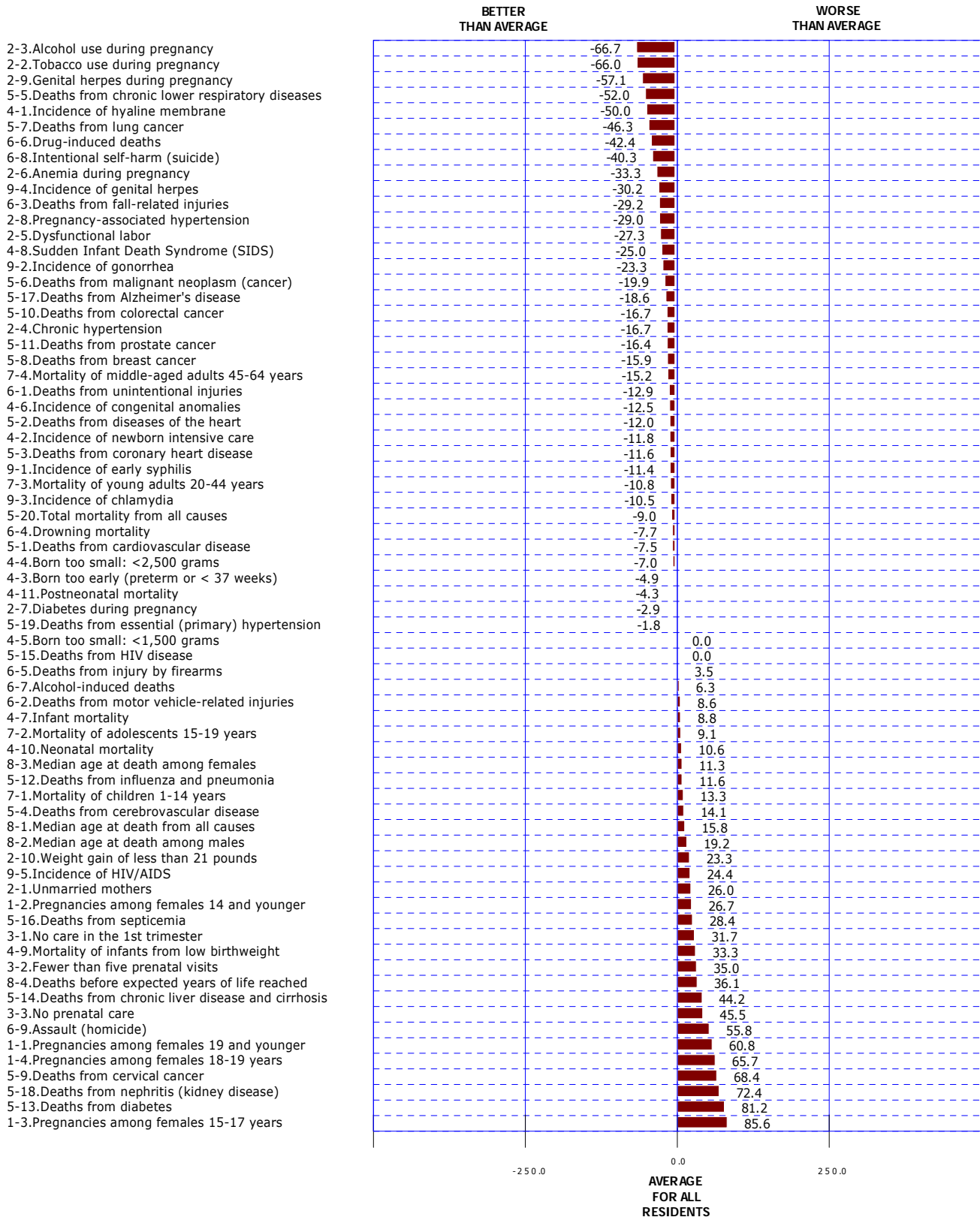
Risk Profile of Asians or Pacific Islanders (percent above or below the State mean in 2007)



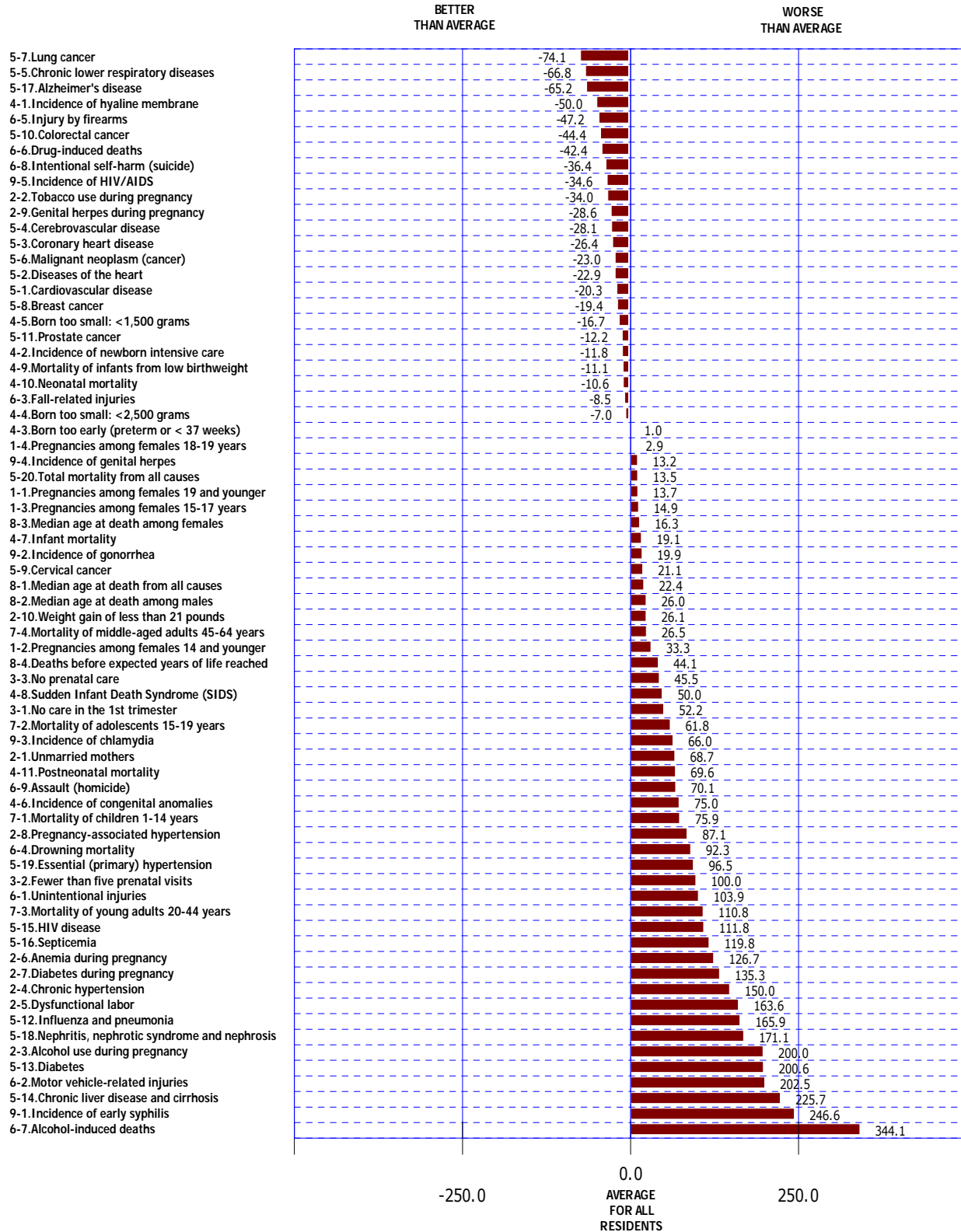
Risk Profile of White non-Hispanics (percent above or below the State mean in 2007)



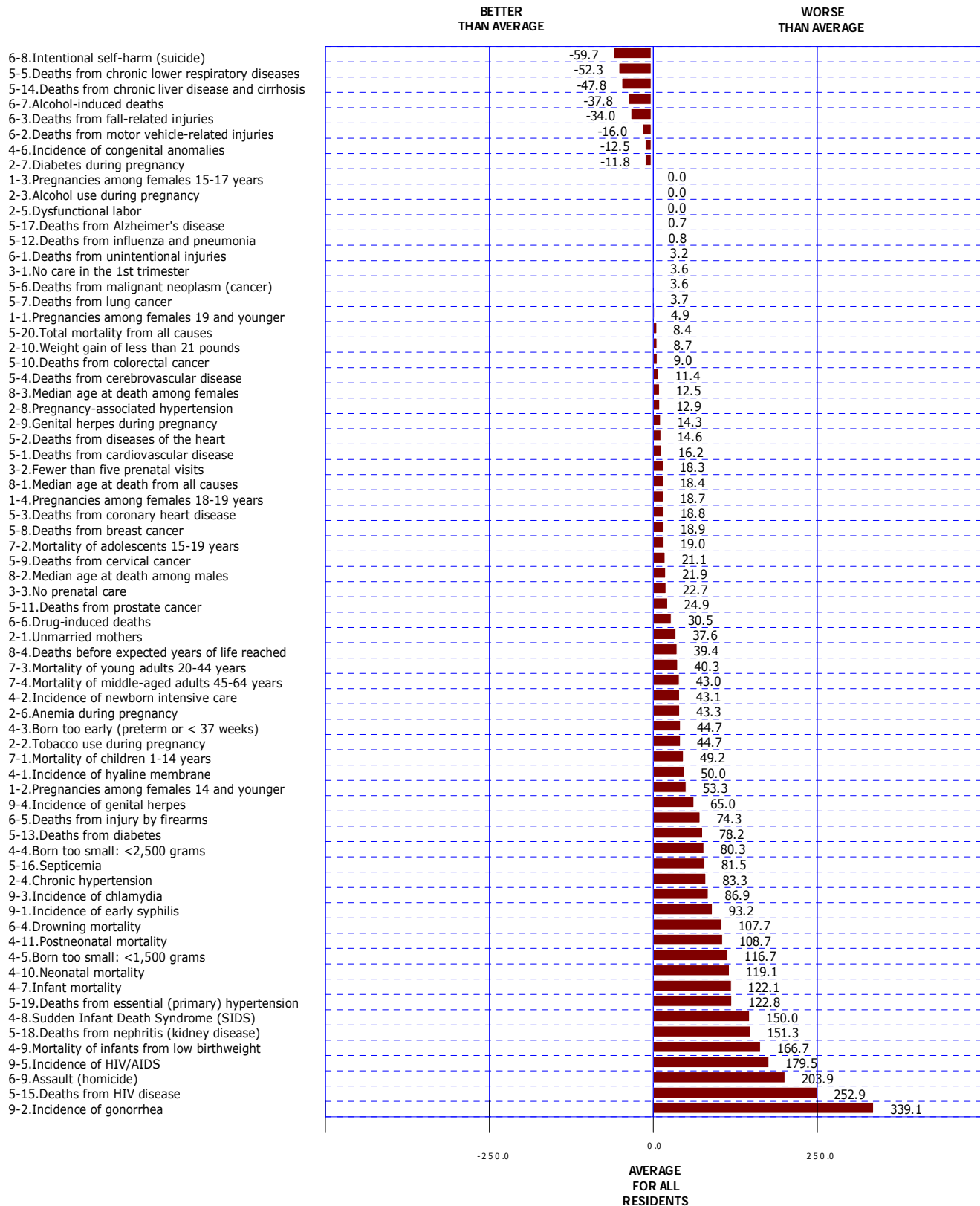
Risk Profile of Hispanics or Latinos (percent above or below the State mean in 2007)



Risk Profile of American Indians or Alaska Natives (percent above or below the State mean in 2007)



Risk Profile of Blacks or African Americans (percent above or below the State mean in 2007)



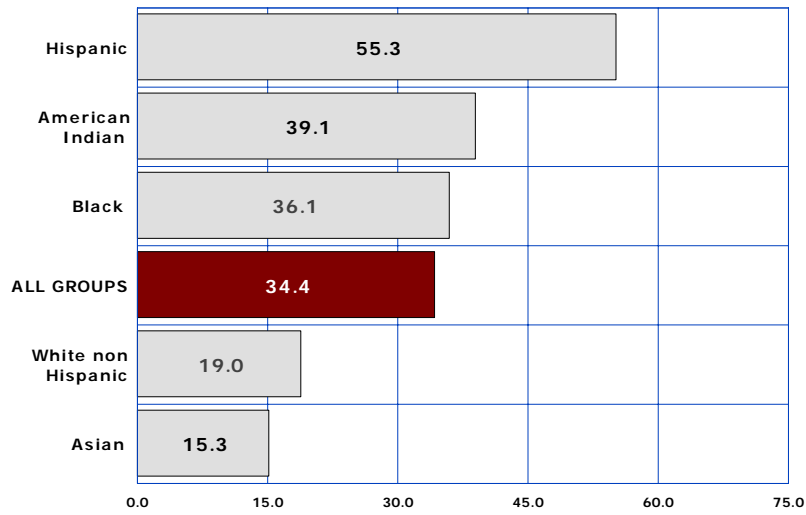
**COMPARATIVE MEASURES
OF HEALTH STATUS BY
RACE/ETHNICITY
IN 2007**

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**

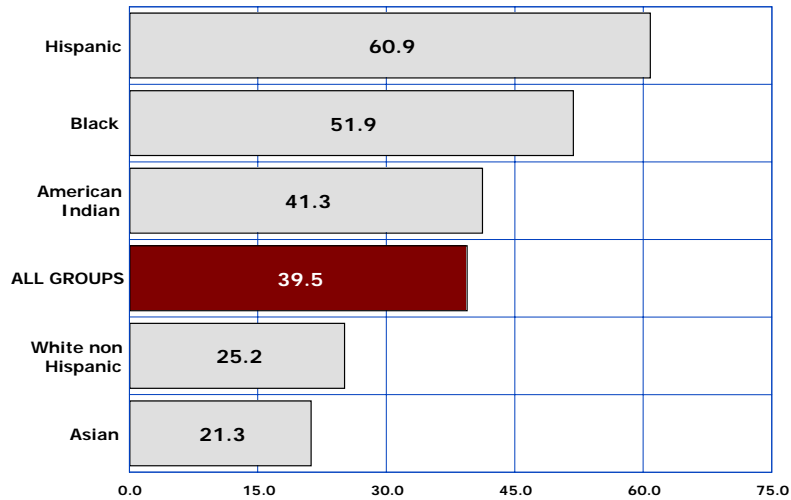
1-1 PREGNANCIES AMONG FEMALES 19 OR YOUNGER

2007



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

2000

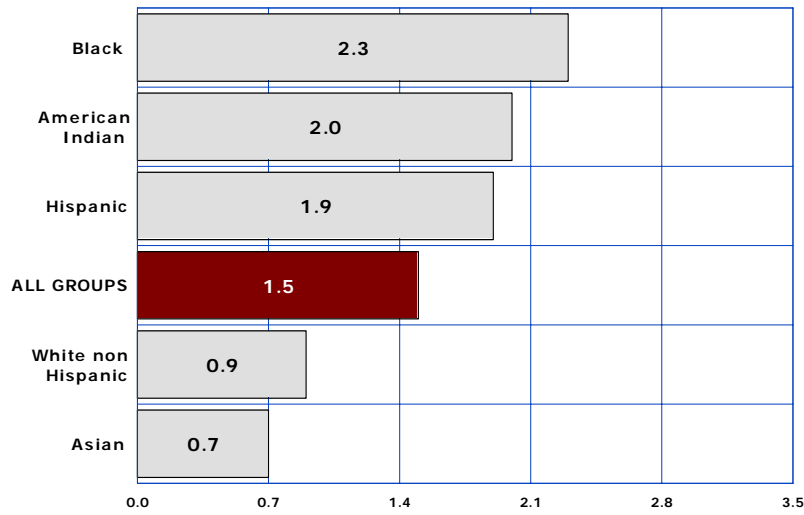


Number of pregnancies per 1,000 females 10-19 years old in specified group.

| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|--|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 34.4 | 19.0 | 55.3 | 36.1 | 39.1 | 15.3 |
| % change from 2000 | -12.9 | -24.6 | -9.2 | -30.4 | -5.3 | -28.2 |

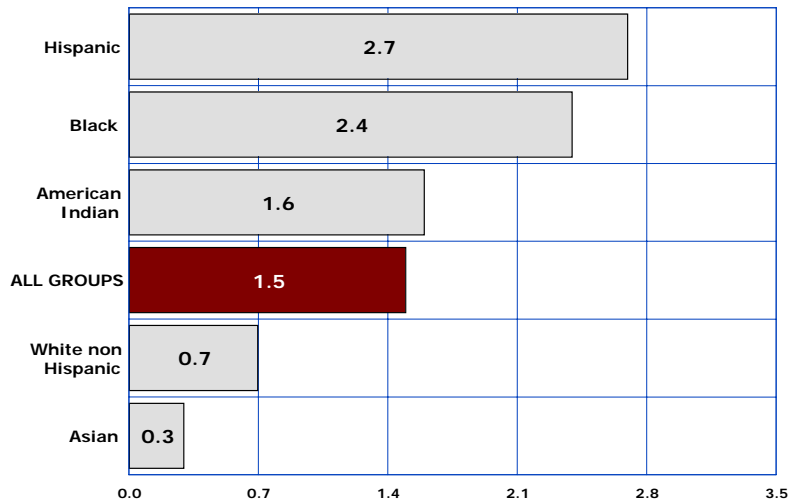
1-2 PREGNANCIES AMONG FEMALES 14 OR YOUNGER

2007



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

2000

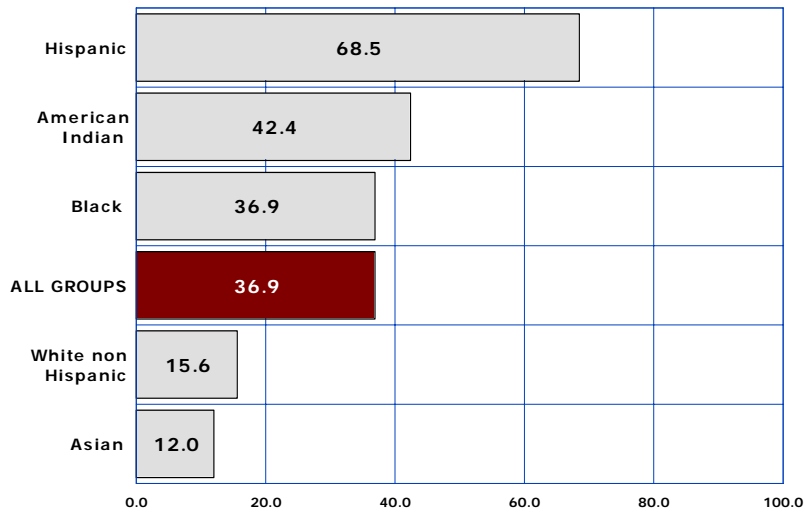


Number of pregnancies per 1,000 females 10-14 years old in specified group.

| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|--|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 1.5 | 0.9 | 1.9 | 2.3 | 2.0 | 0.7 |
| % change from 2000 | 0.0 | 28.6 | -29.6 | -4.2 | 25.0 | 133.3 |

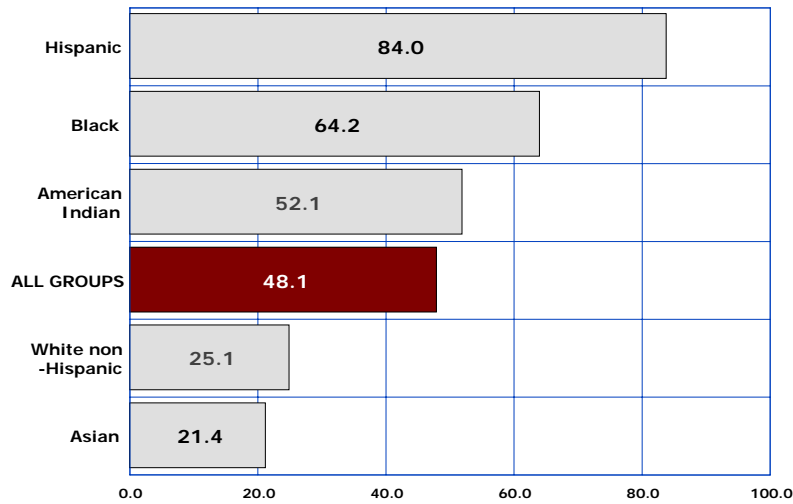
1-3 PREGNANCIES AMONG FEMALES 15-17 YEARS OLD

2007



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.

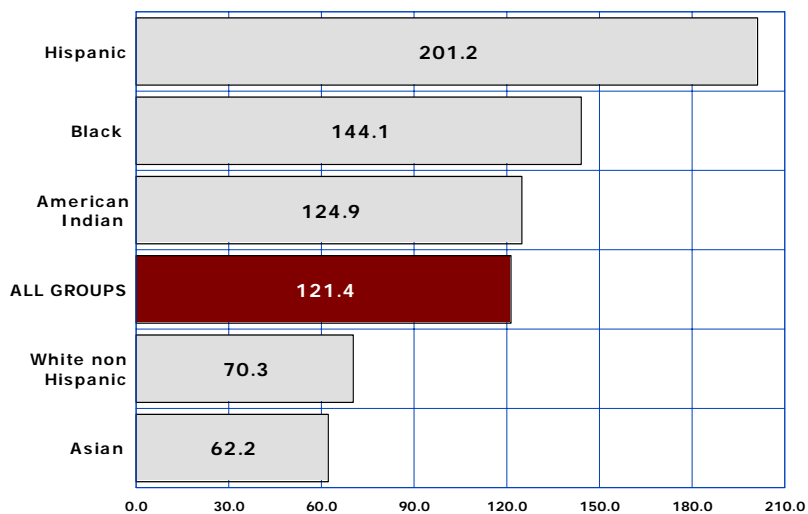
COMPARATIVE RATES FOR 2000 AND 2007

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 |
| 2007 | 36.9 | 15.6 | 68.5 | 36.9 | 42.4 | 12.0 |
| % change from 2000 | -23.3 | -37.8 | -18.5 | -42.5 | -18.6 | -43.9 |

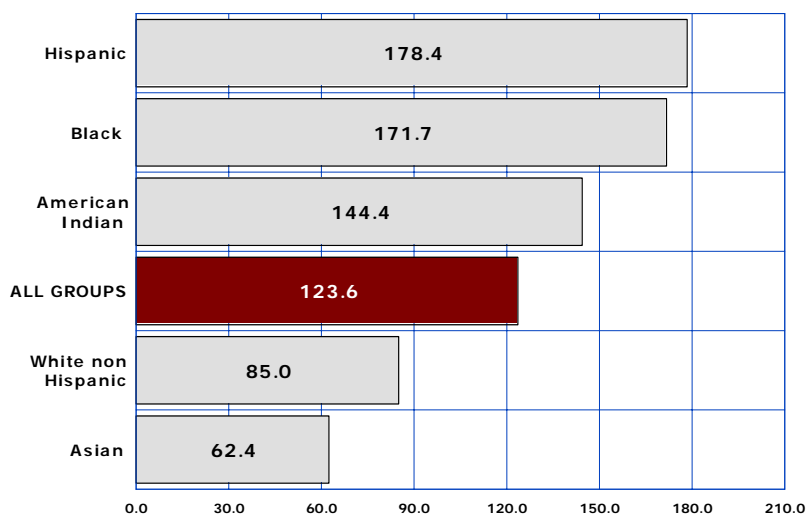
1-4 PREGNANCIES AMONG FEMALES 18-19 YEARS OLD

2007



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 2007

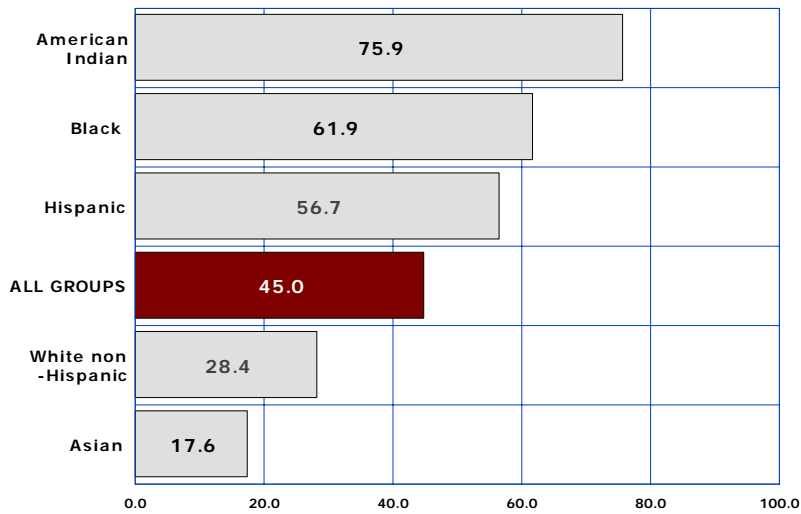
| Rate per 1,000 females by race/ethnicity | | | | | | |
|--|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Year | All groups | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
| 2000 | 123.6 | 85.0 | 178.4 | 171.7 | 144.4 | 62.4 |
| 2007 | 121.4 | 70.3 | 201.2 | 144.1 | 124.9 | 62.2 |
| % change from 2000 | -1.8 | -17.3 | 12.8 | -16.1 | -13.5 | -0.3 |

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**

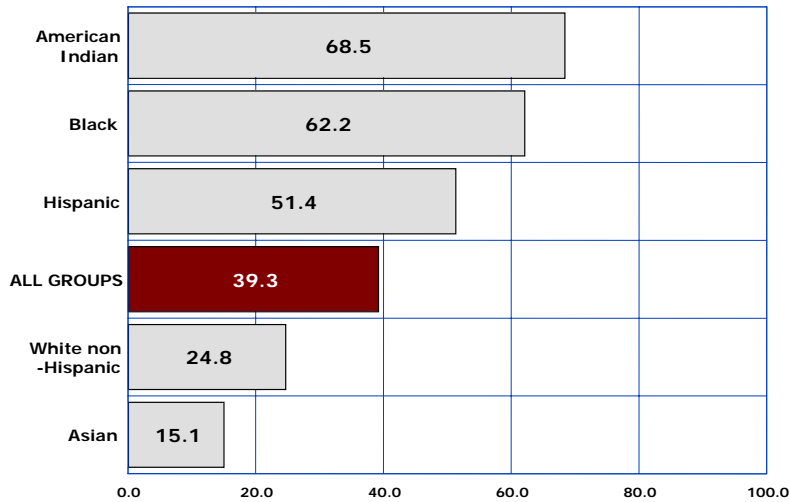
2-1 UNMARRIED MOTHERS

2007



Per 100 live births.

2000



Per 100 live births.

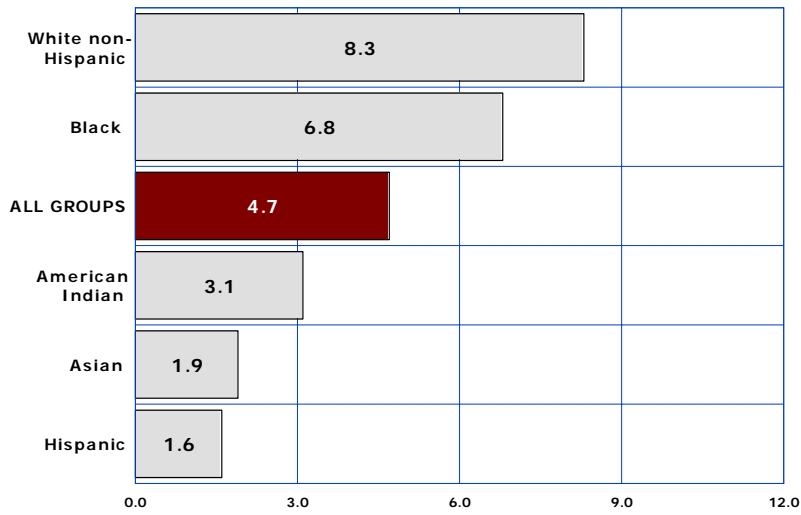
COMPARATIVE RATES FOR 2000 AND 2007

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 |
| 2007 | 45.0 | 28.4 | 56.7 | 61.9 | 75.9 | 17.6 |
| % change from 2000 | 14.5 | 14.5 | 10.3 | -0.5 | 10.8 | 16.6 |

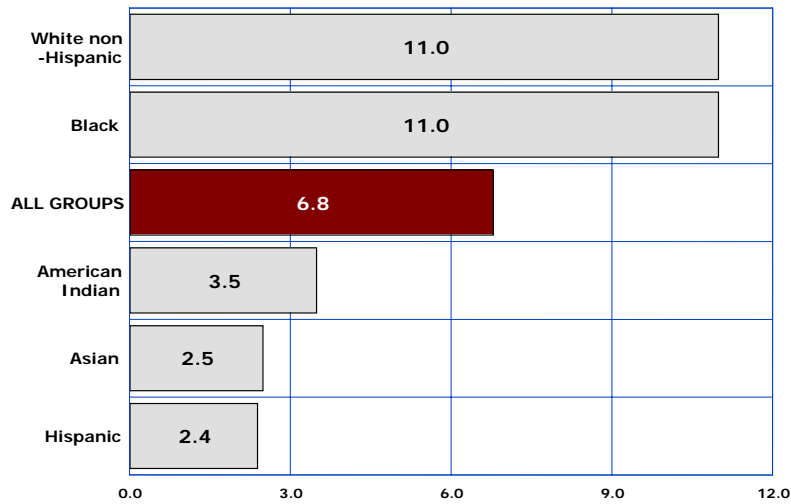
2-2 TOBACCO USE DURING PREGNANCY

2007



Per 100 live births.

2000



Per 100 live births.

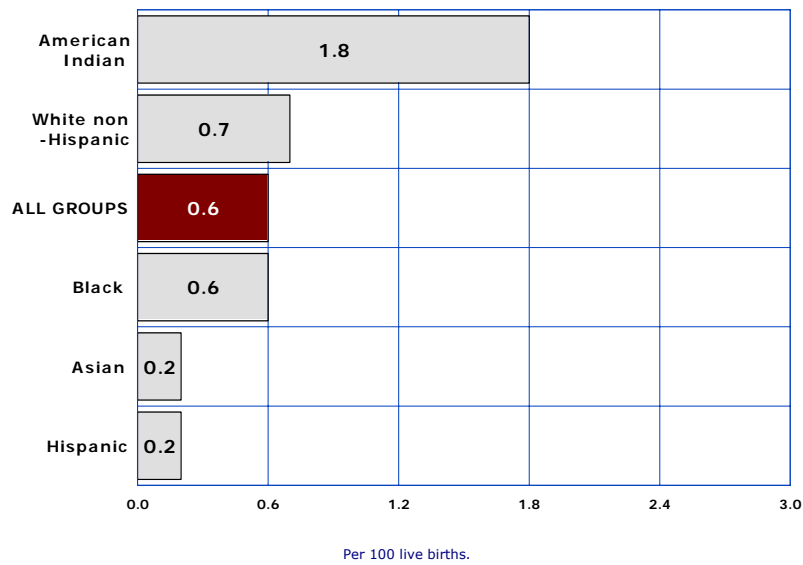
COMPARATIVE RATES FOR 2000 AND 2007

Per 100 births by race/ethnicity

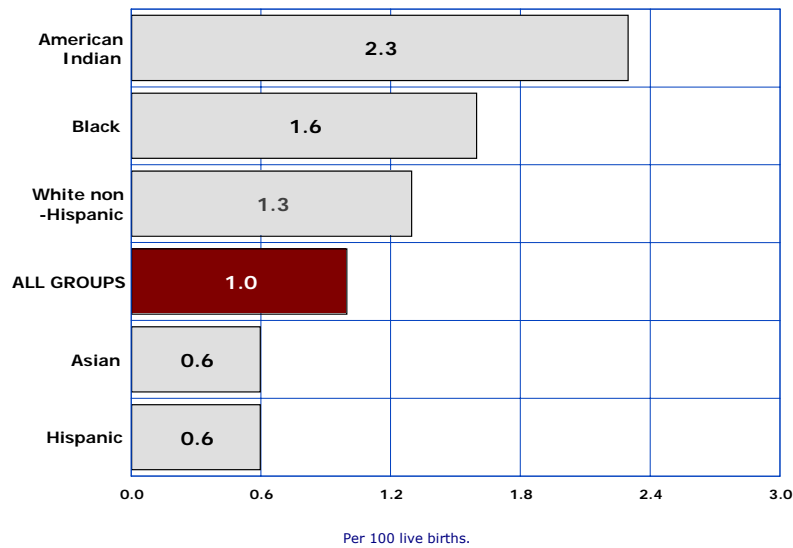
| Year | All groups | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
|--------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 2000 | 6.8 | 11.0 | 2.4 | 11.0 | 3.5 | 2.5 |
| 2007 | 4.7 | 8.3 | 1.6 | 6.8 | 3.1 | 1.9 |
| % change from 2000 | -30.9 | -24.5 | -33.3 | -38.2 | -11.4 | -24.0 |

2-3 ALCOHOL USE DURING PREGNANCY

2007



2000



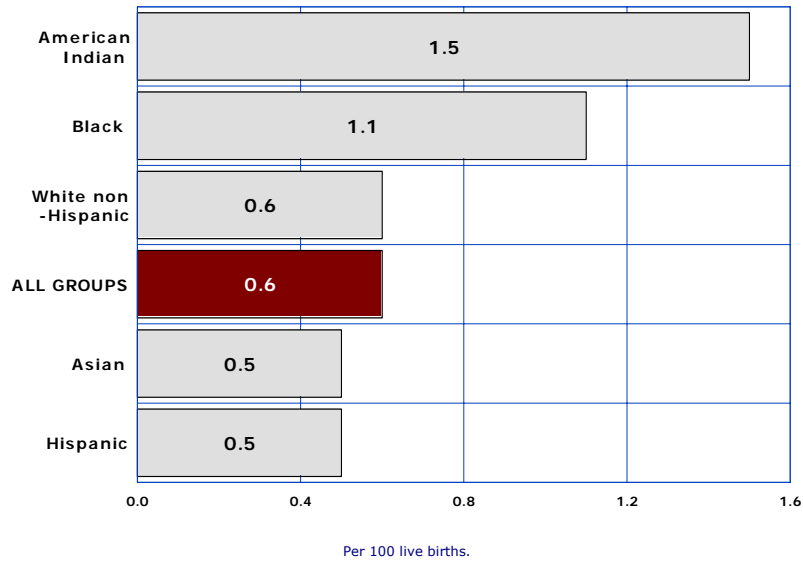
COMPARATIVE RATES FOR 2000 AND 2007

Per 100 births by race/ethnicity

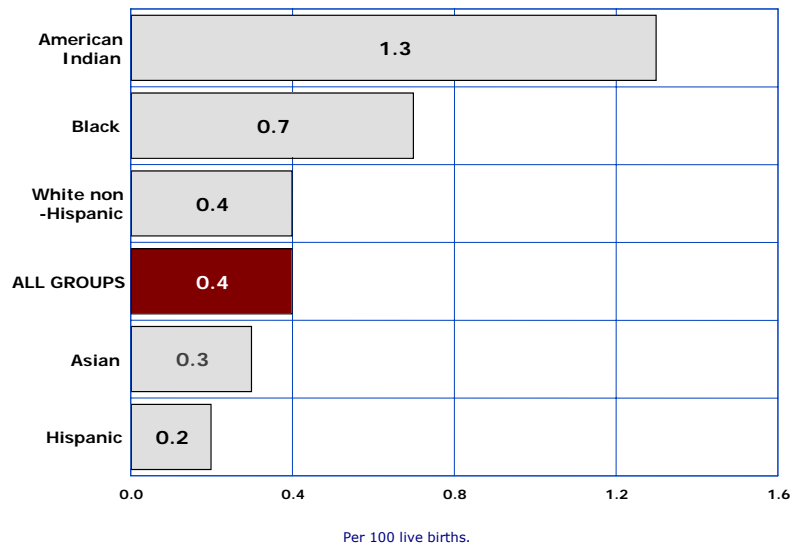
| Year | All groups | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
|--------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 2000 | 1.0 | 1.3 | 0.6 | 1.6 | 2.3 | 0.6 |
| 2007 | 0.6 | 0.7 | 0.2 | 0.6 | 1.8 | 0.2 |
| % change from 2000 | -40.0 | -46.2 | -66.7 | -62.5 | -21.7 | -66.7 |

2-4 CHRONIC HYPERTENSION

2007



2000



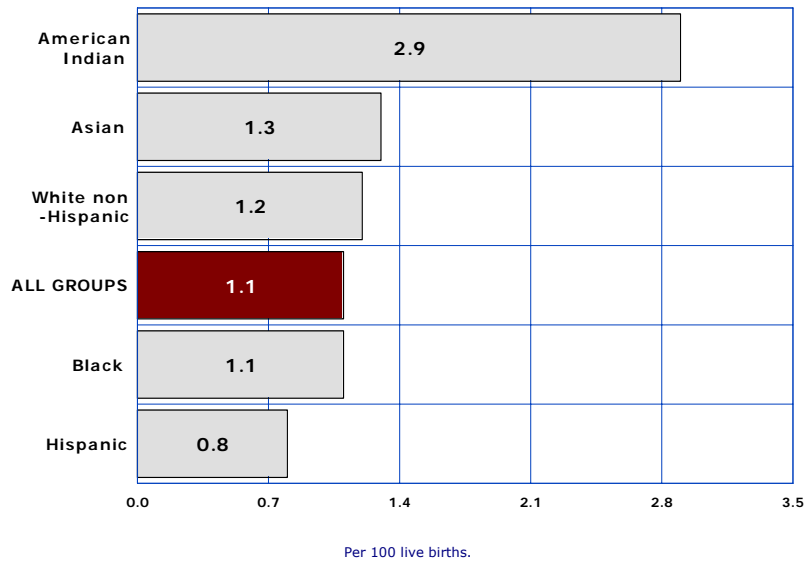
COMPARATIVE RATES FOR 2000 AND 2007

Per 100 births by race/ethnicity

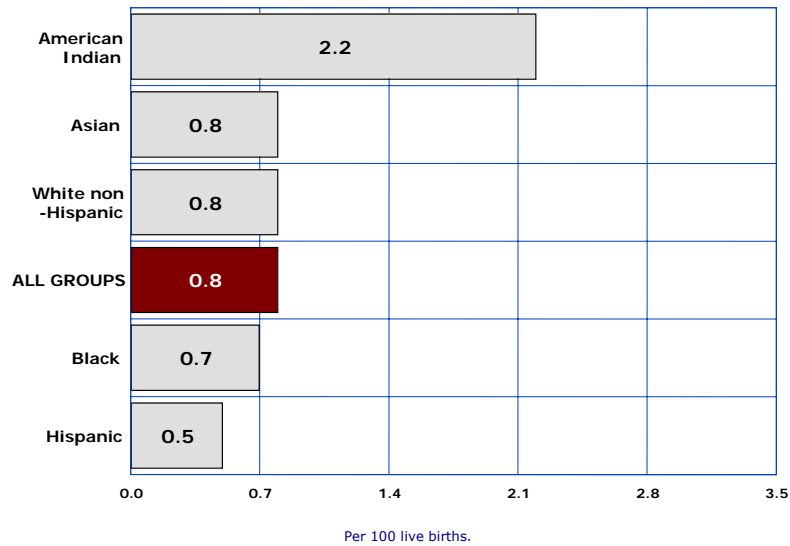
| Year | All groups | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
|--------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 2000 | 0.4 | 0.4 | 0.2 | 0.7 | 1.3 | 0.3 |
| 2007 | 0.6 | 0.6 | 0.5 | 1.1 | 1.5 | 0.5 |
| % change from 2000 | 50.0 | 50.0 | 150.0 | 57.1 | 15.4 | 66.7 |

2-5 DYSFUNCTIONAL LABOR

2007



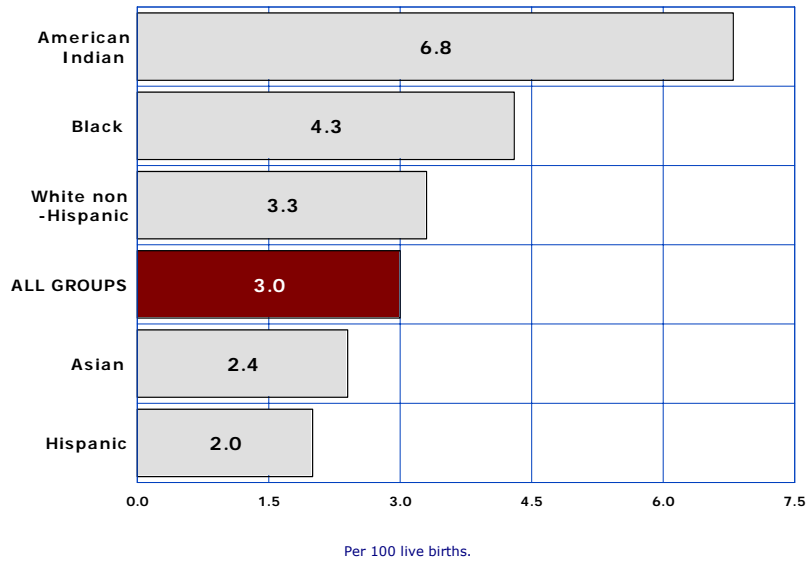
2000



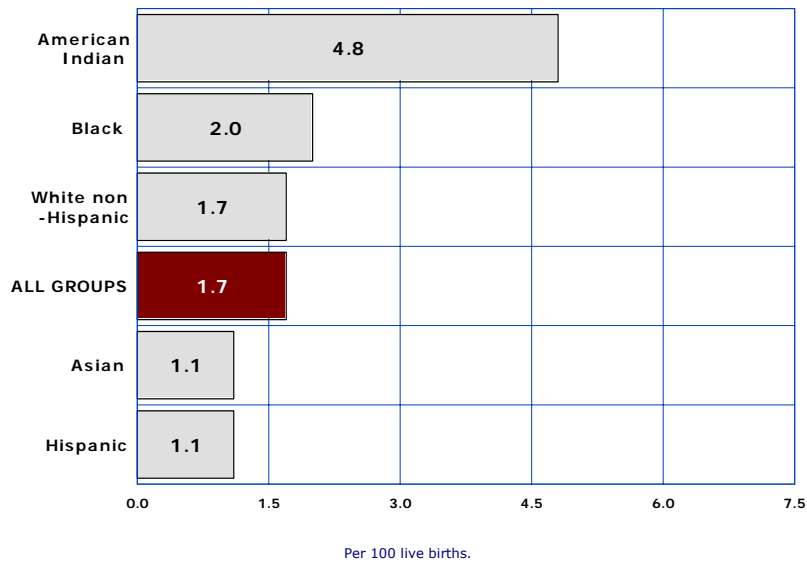
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|-------------------------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Per 100 births by race/ethnicity | | | | | | |
| Year | All groups | 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 |
| 2007 | 1.1 | 1.2 | 0.8 | 1.1 | 2.9 | 1.3 |
| % change from 2000 | 37.5 | 50.0 | 60.0 | 57.1 | 31.8 | 62.5 |

2-6 ANEMIA DURING PREGNANCY

2007



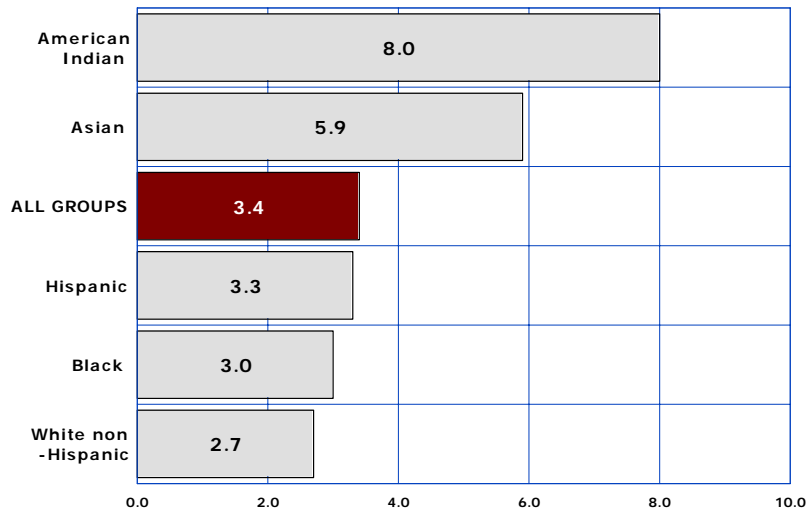
2000



| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|-------------------------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 3.0 | 3.3 | 2.0 | 4.3 | 6.8 | 2.4 |
| % change from 2000 | 76.5 | 94.1 | 81.8 | 115.0 | 41.7 | 118.2 |

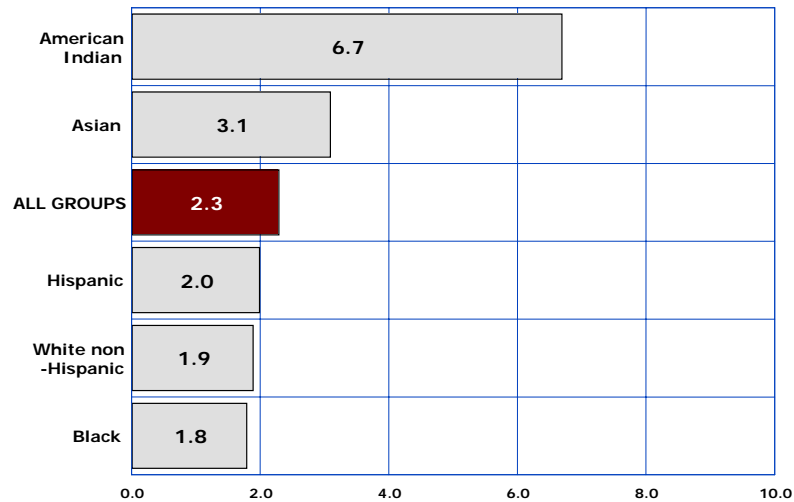
2-7 DIABETES DURING PREGNANCY

2007



Per 100 live births.

2000



Per 100 live births.

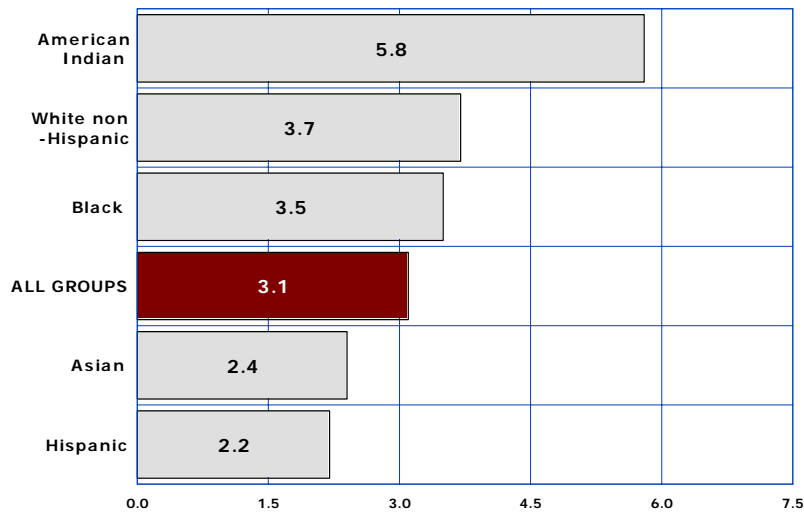
COMPARATIVE RATES FOR 2000 AND 2007

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 |
| 2007 | 3.4 | 2.7 | 3.3 | 3.0 | 8.0 | 5.9 |
| % change from 2000 | 47.8 | 42.1 | 65.0 | 66.7 | 19.4 | 90.3 |

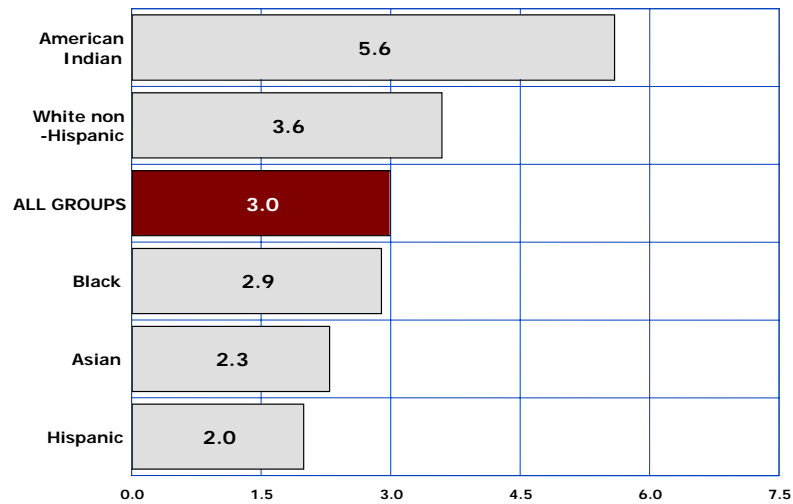
2-8 PREGNANCY-ASSOCIATED HYPERTENSION

2007



Per 100 live births.

2000



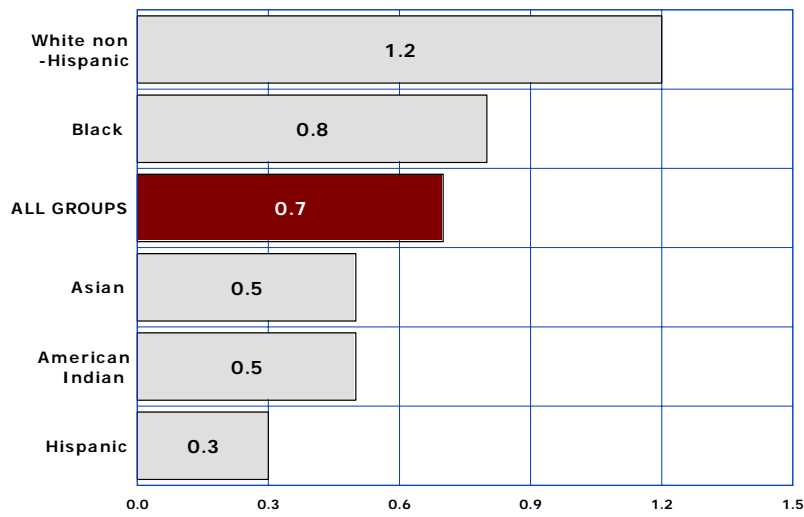
Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2007

| 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 |
| 2007 | 3.1 | 3.7 | 2.2 | 3.5 | 5.8 | 2.4 |
| % change from 2000 | 3.3 | 2.8 | 10.0 | 20.7 | 3.6 | 4.3 |

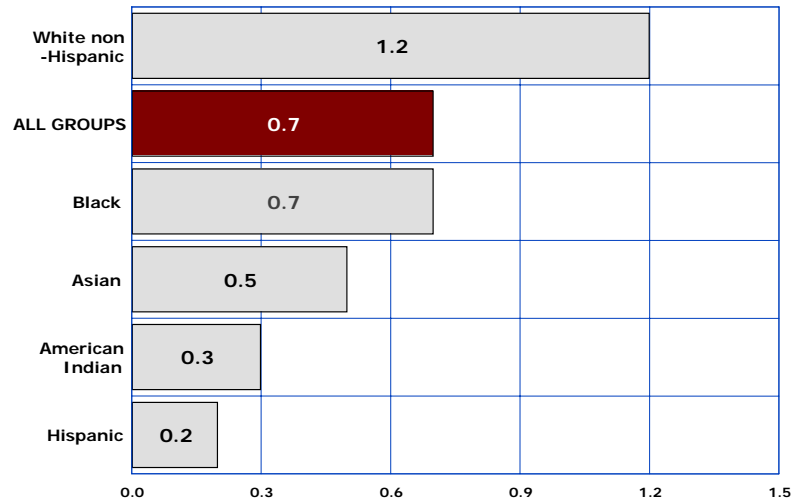
2-9 GENITAL HERPES DURING PREGNANCY

2007



Per 100 live births.

2000

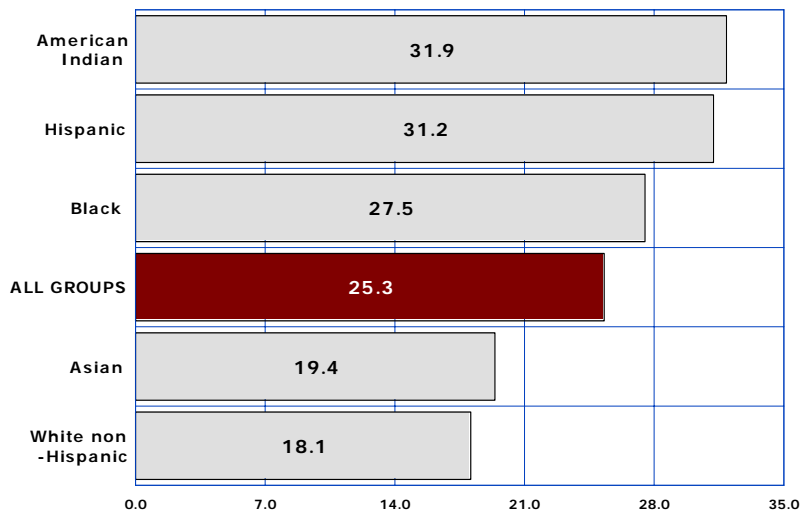


Per 100 live births.

| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|-------------------------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 0.7 | 1.2 | 0.3 | 0.8 | 0.5 | 0.5 |
| % change from 2000 | 0.0 | 0.0 | 50.0 | 14.3 | 66.7 | 0.0 |

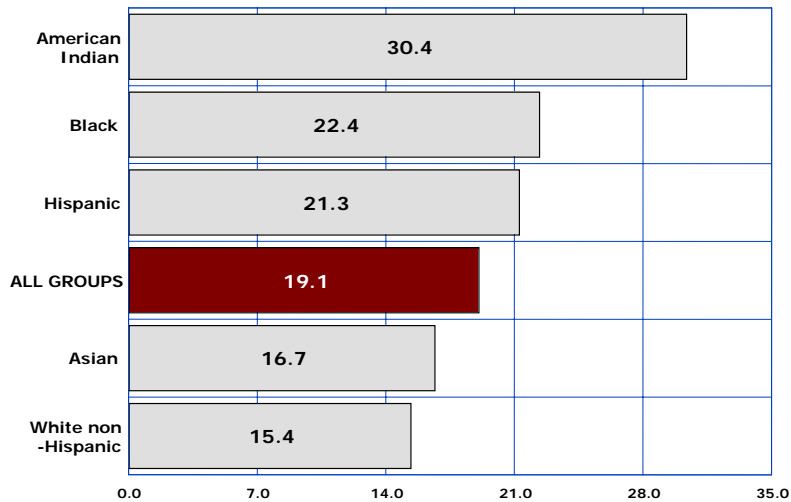
2-10 WEIGHT GAIN OF LESS THAN 21 POUNDS

2007



Per 100 live births.

2000



Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2007

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 |
| 2007 | 25.3 | 18.1 | 31.2 | 27.5 | 31.9 | 19.4 |
| % change from 2000 | 32.5 | 17.5 | 46.5 | 22.8 | 4.9 | 16.2 |

3 Utilization of Prenatal Care Services

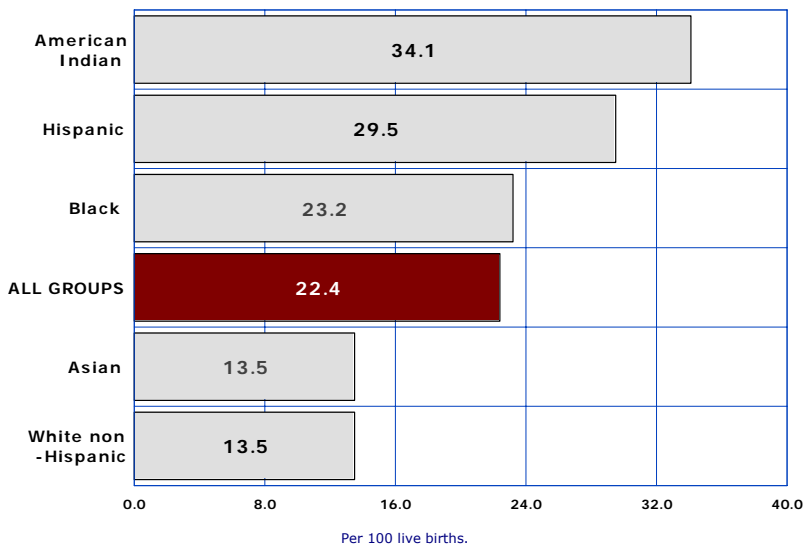
3-1 No Care in the 1st Trimester

3-2 Fewer Than Five Prenatal Visits

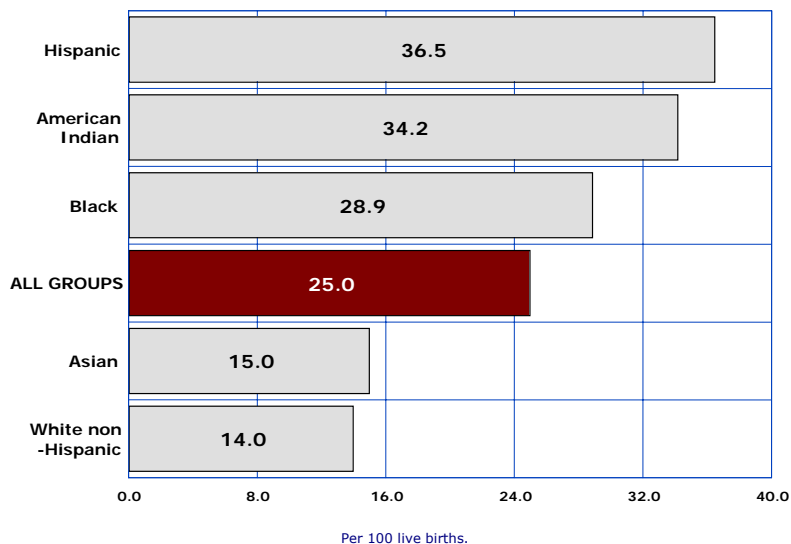
3-3 No Prenatal Care

3-1 NO CARE IN THE 1ST TRIMESTER

2007



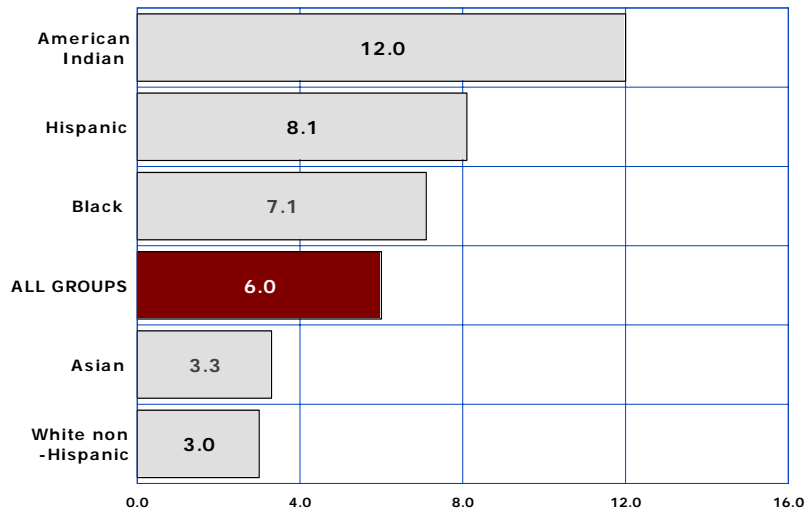
2000



| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|-------------------------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 22.4 | 13.5 | 29.5 | 23.2 | 34.1 | 13.5 |
| % change from 2000 | -10.4 | -3.6 | -19.2 | -19.7 | -0.3 | -10.0 |

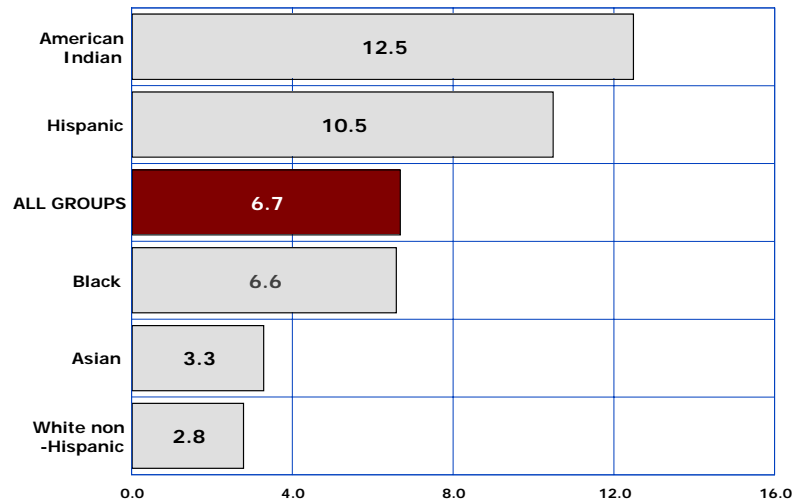
3-2 FEWER THAN 5 PRENATAL VISITS

2007



Per 100 live births.

2000

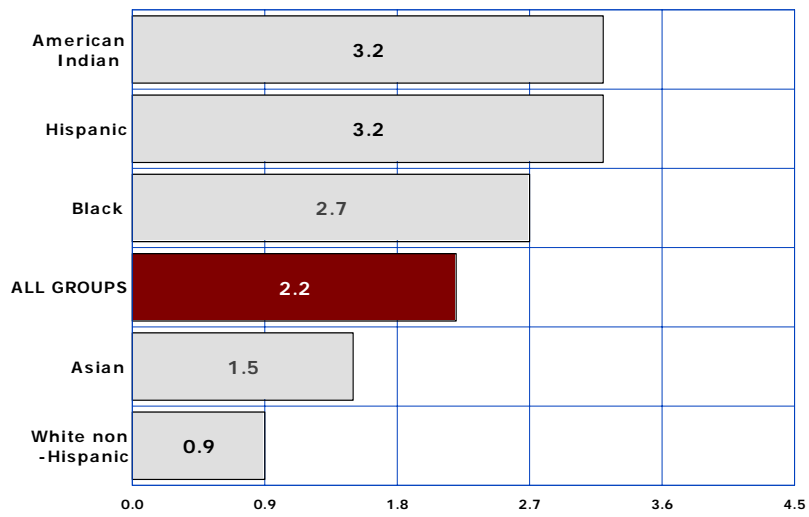


Per 100 live births.

| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|-------------------------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 6.0 | 3.0 | 8.1 | 7.1 | 12.0 | 3.3 |
| % change from 2000 | -10.4 | 7.1 | -22.9 | 7.6 | -4.0 | 0.0 |

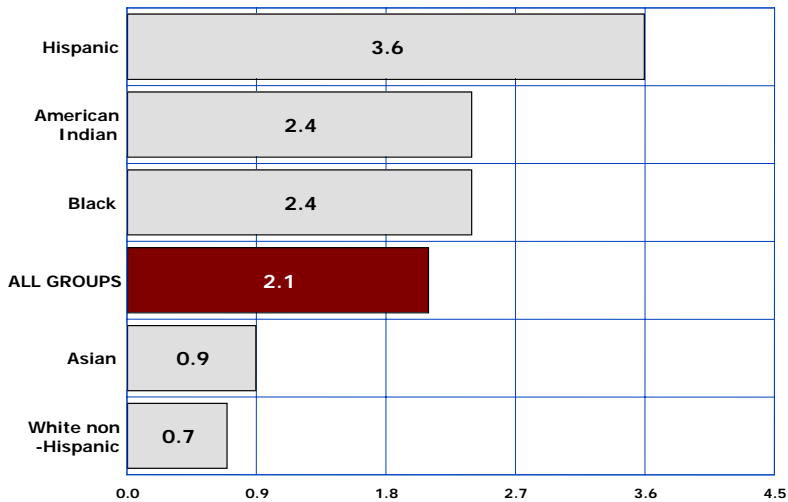
3-3 NO PRENATAL CARE

2007



Per 100 live births.

2000



Per 100 live births.

| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|-------------------------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 2.2 | 0.9 | 3.2 | 2.7 | 3.2 | 1.5 |
| % change from 2000 | 4.8 | 28.6 | -11.1 | 12.5 | 33.3 | 66.7 |

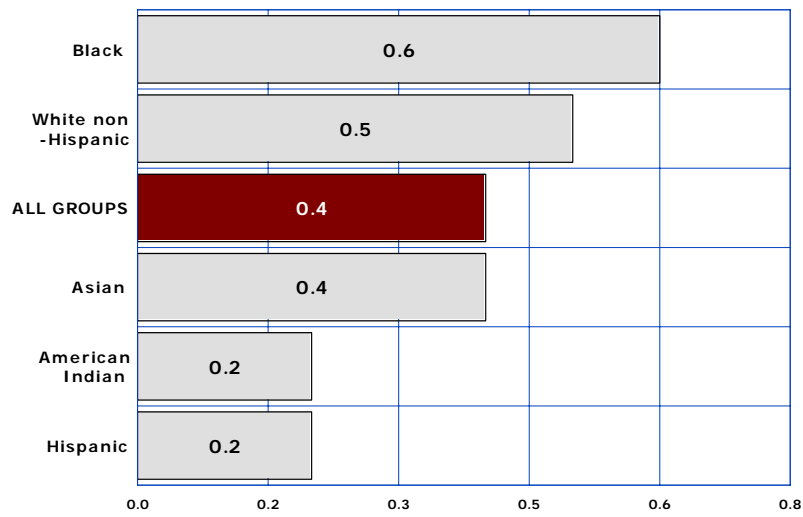
4

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

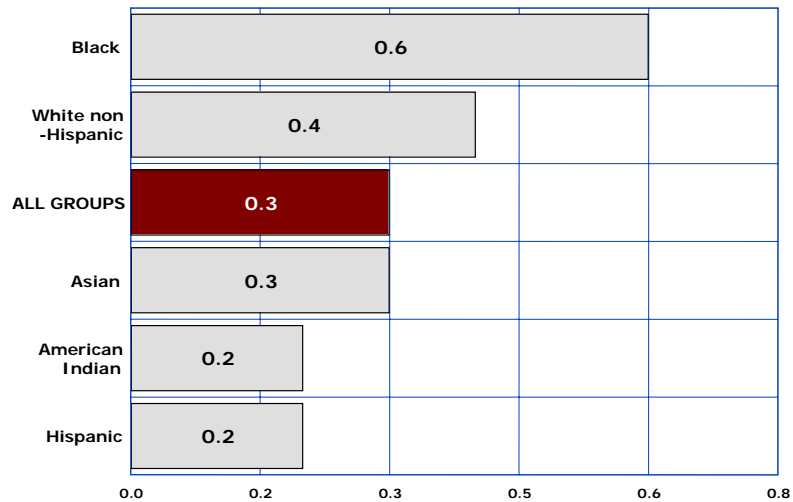
4-1 INCIDENCE OF HYALINE MEMBRANE DISEASE

2007



Per 100 live births.

2000



Per 100 live births.

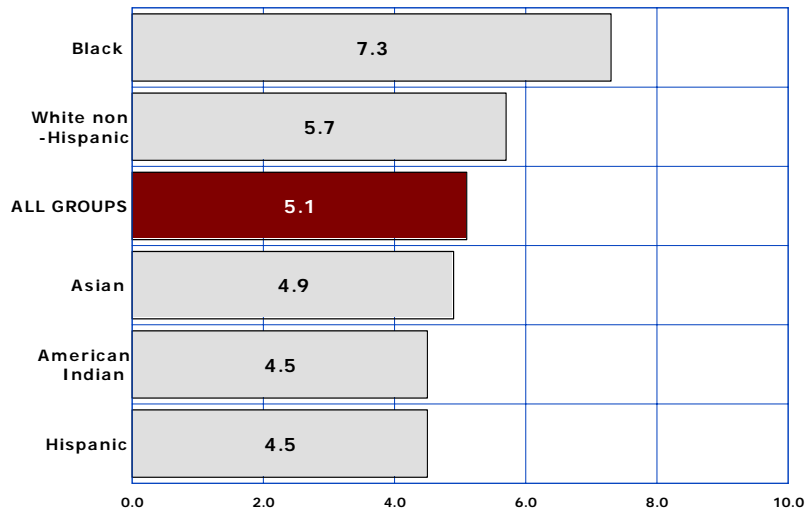
COMPARATIVE RATES FOR 2000 AND 2007

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 |
| 2007 | 0.4 | 0.5 | 0.2 | 0.6 | 0.2 | 0.4 |
| % change from 2000 | 33.3 | 25.0 | 0.0 | 0.0 | 0.0 | 33.3 |

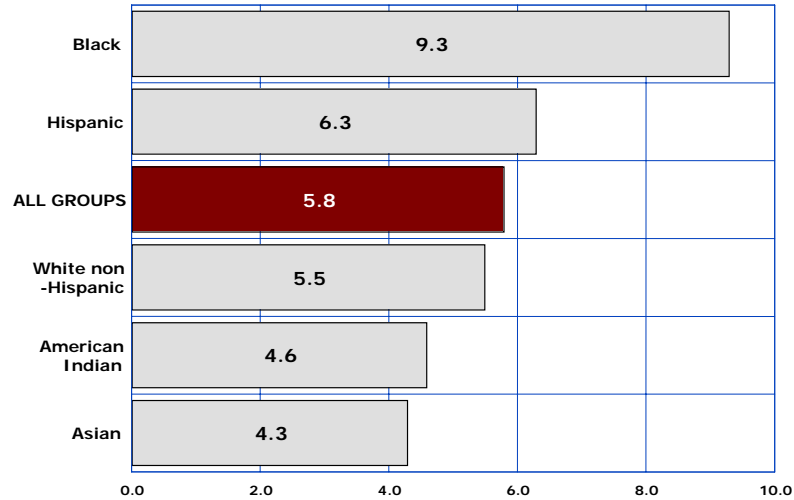
4-2 INCIDENCE OF NEWBORN INTENSIVE CARE

2007



Per 100 live births.

2000



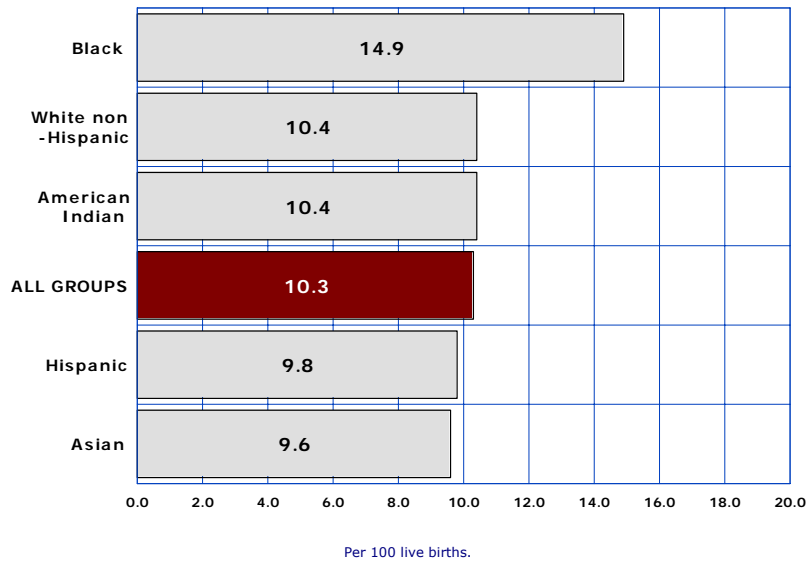
Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2007

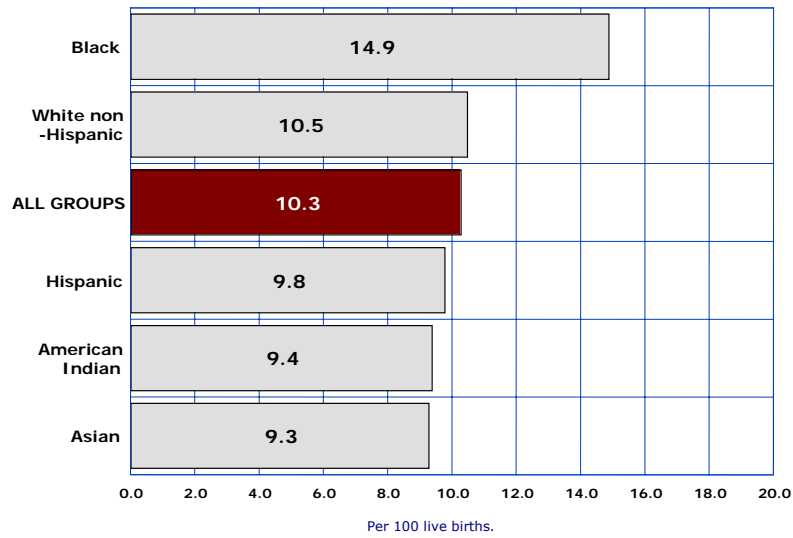
| Per 100 births by race/ethnicity | | | | | | |
|----------------------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Year | All groups | White non-Hispanic | Hispanic or Latino | Black 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 |
| 2007 | 5.1 | 5.7 | 4.5 | 7.3 | 4.5 | 4.9 |
| % change from 2000 | -12.1 | 3.6 | -28.6 | -21.5 | -2.2 | 14.0 |

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

2007



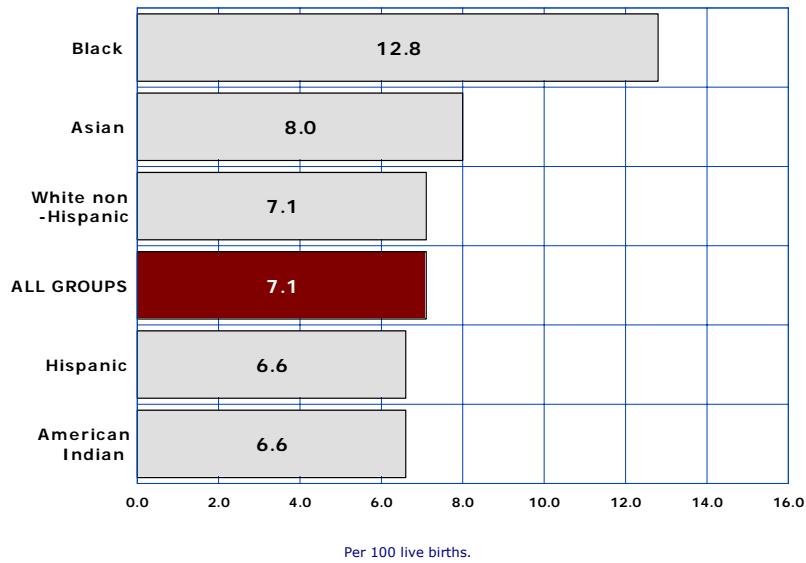
2000



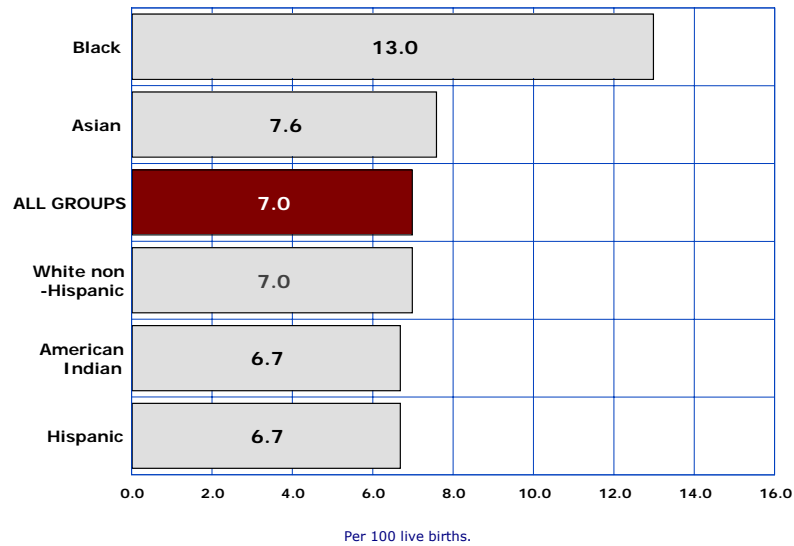
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|-------------------------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Per 100 births by race/ethnicity | | | | | | |
| Year | All groups | 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 |
| 2007 | 10.3 | 10.4 | 9.8 | 14.9 | 10.4 | 9.6 |
| % change from 2000 | 0.0 | -1.0 | 0.0 | 0.0 | 10.6 | 3.2 |

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

2007



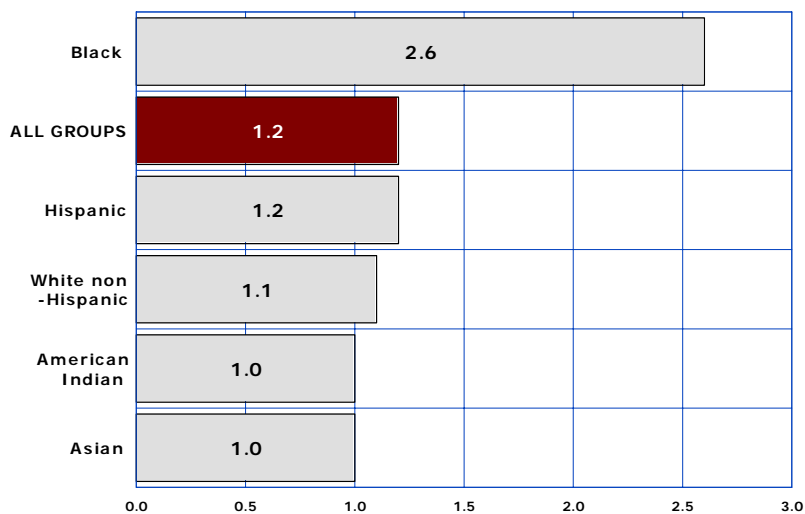
2000



| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|-------------------------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 7.1 | 7.1 | 6.6 | 12.8 | 6.6 | 8.0 |
| % change from 2000 | 1.4 | 1.4 | -1.5 | -1.5 | -1.5 | 5.3 |

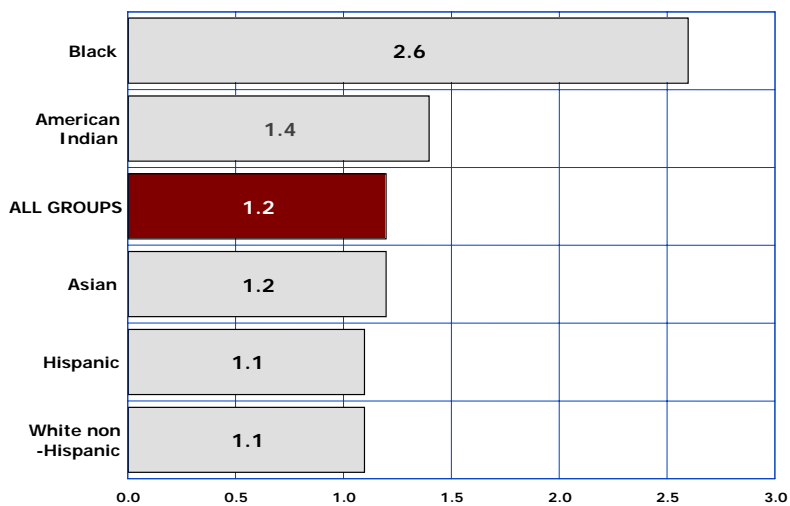
4-5 BORN TOO SMALL: VERY LOW BIRTHWEIGHT (<1,500 GRAMS)

2007



Per 100 live births.

2000



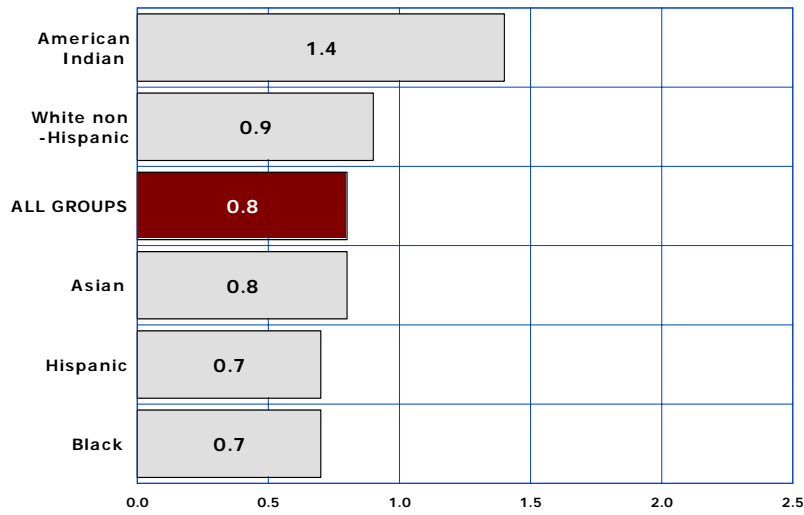
Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2007

| 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 |
| 2007 | 1.2 | 1.1 | 1.2 | 2.6 | 1.0 | 1.0 |
| % change from 2000 | 0.0 | 0.0 | 9.1 | 0.0 | -28.6 | -16.7 |

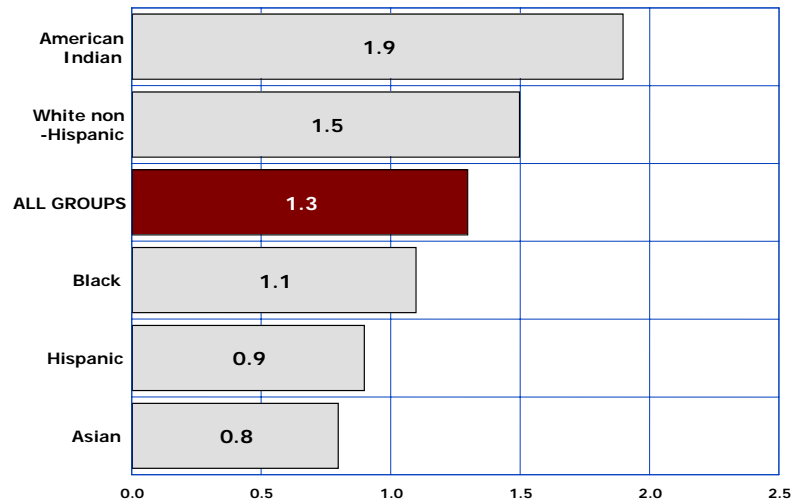
4-6 INCIDENCE OF CONGENITAL ANOMALIES (BIRTH DEFECTS)

2007



Per 100 live births.

2000



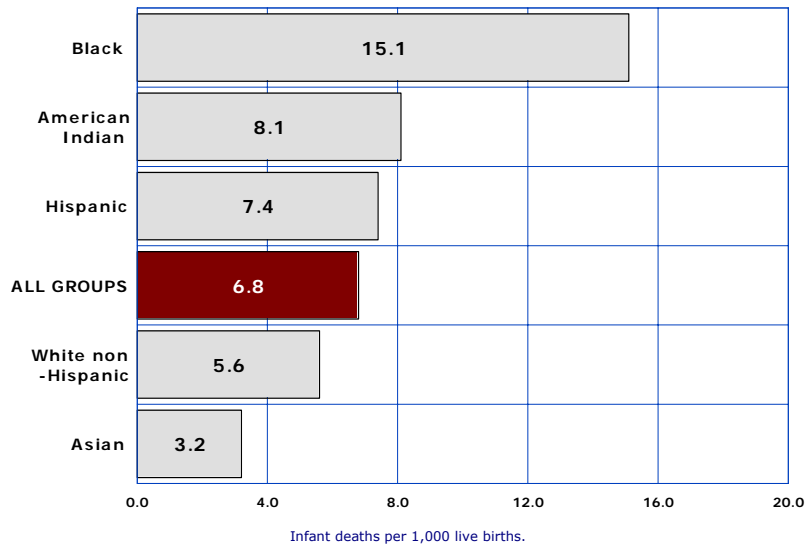
Per 100 live births.

COMPARATIVE RATES FOR 2000 AND 2007

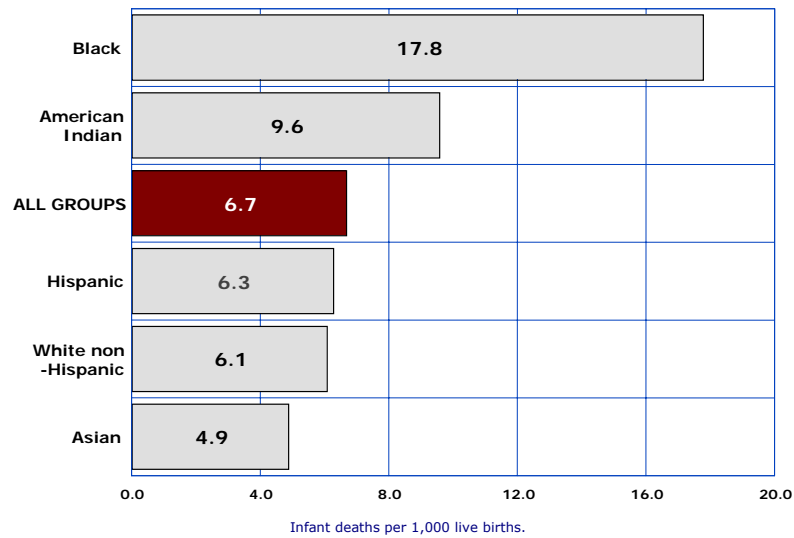
| Per 100 births by race/ethnicity | | | | | | |
|----------------------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Year | All groups | White non-Hispanic | Hispanic or Latino | Black 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 |
| 2007 | 0.8 | 0.9 | 0.7 | 0.7 | 1.4 | 0.8 |
| % change from 2000 | -38.5 | -40.0 | -22.2 | -36.4 | -26.3 | 0.0 |

4-7 INFANT MORTALITY

2007



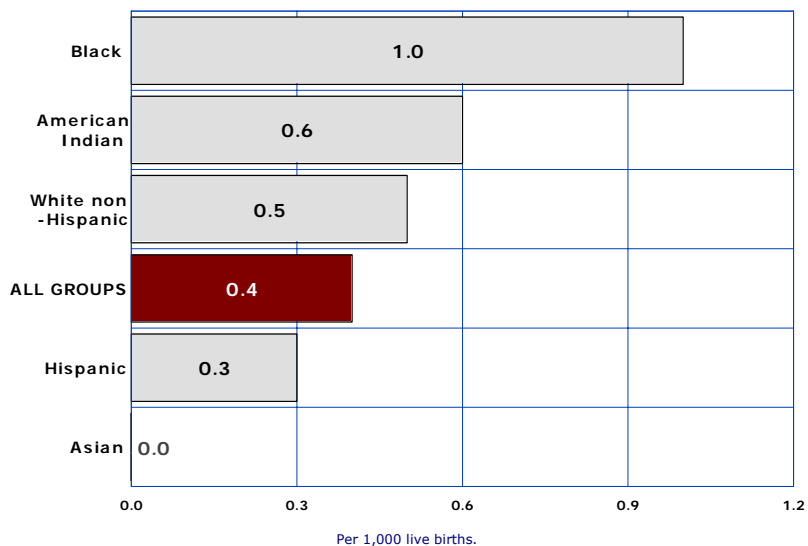
2000



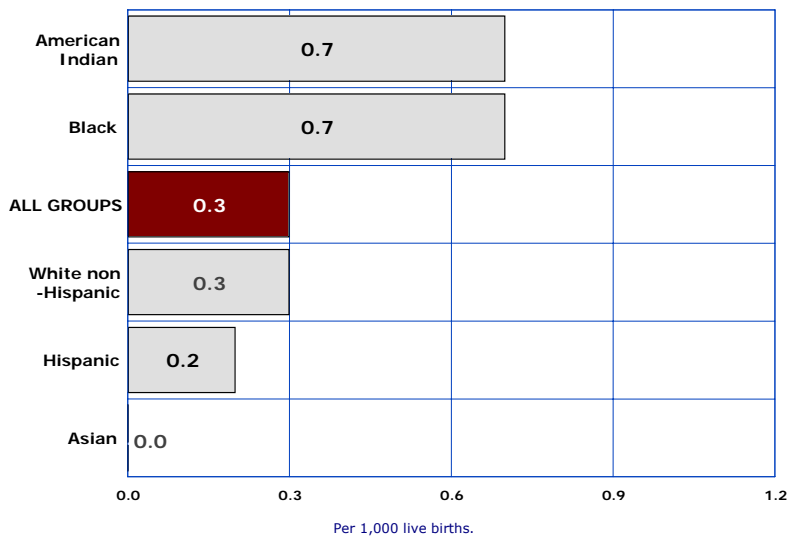
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|-------------------------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Per 1,000 births by race/ethnicity | | | | | | |
| Year | All 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 |
| 2007 | 6.8 | 5.6 | 7.4 | 15.1 | 8.1 | 3.2 |
| % change from 2000 | 1.5 | -8.2 | 17.5 | -15.2 | -15.6 | -34.7 |

4-8 SUDDEN INFANT DEATH SYNDROME (SIDS)

2007



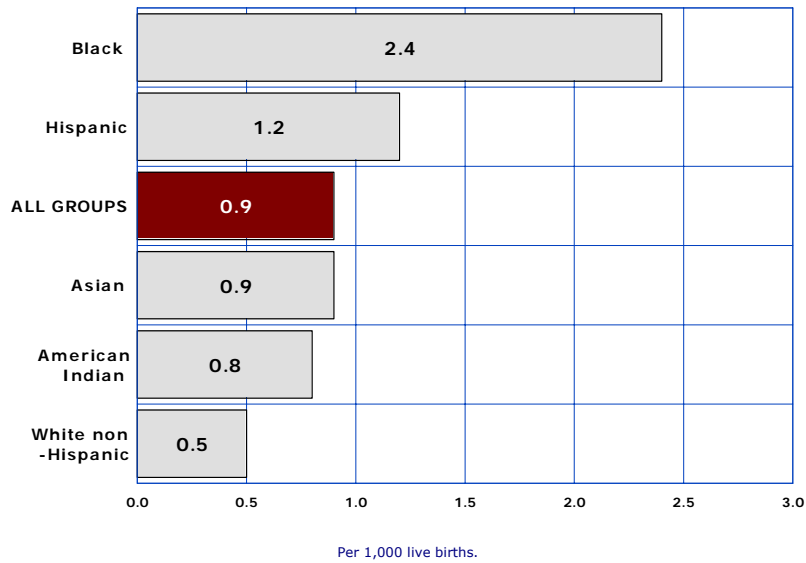
2000



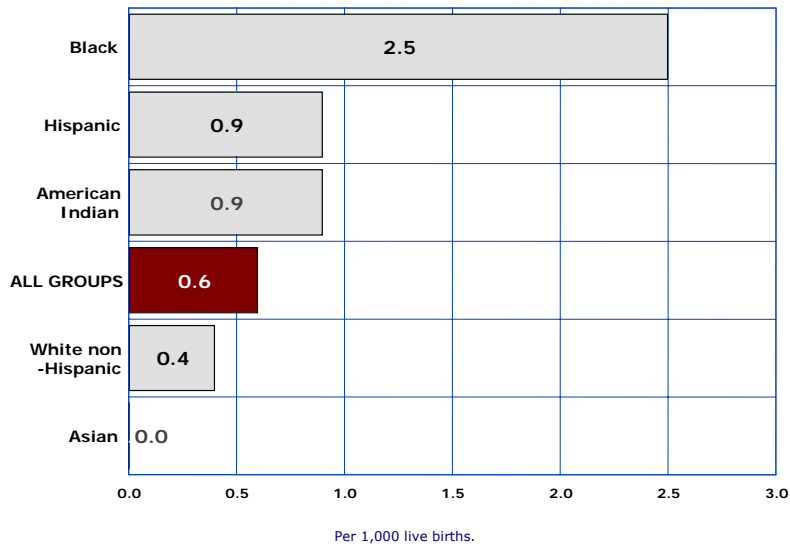
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|-------------------------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Per 1,000 births by race/ethnicity | | | | | | |
| Year | All 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 |
| 2007 | 0.4 | 0.5 | 0.3 | 1.0 | 0.6 | 0.0 |
| % change from 2000 | 33.3 | 66.7 | 50.0 | 42.9 | -14.3 | 0.0 |

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

2007



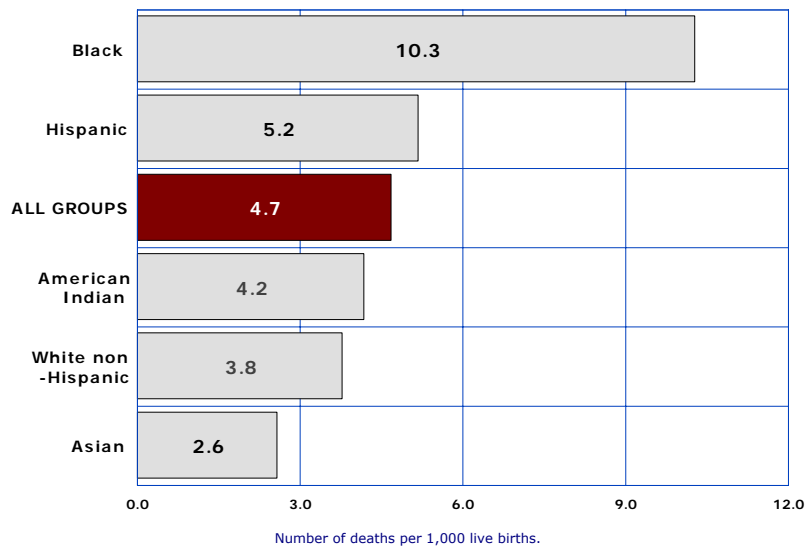
2000



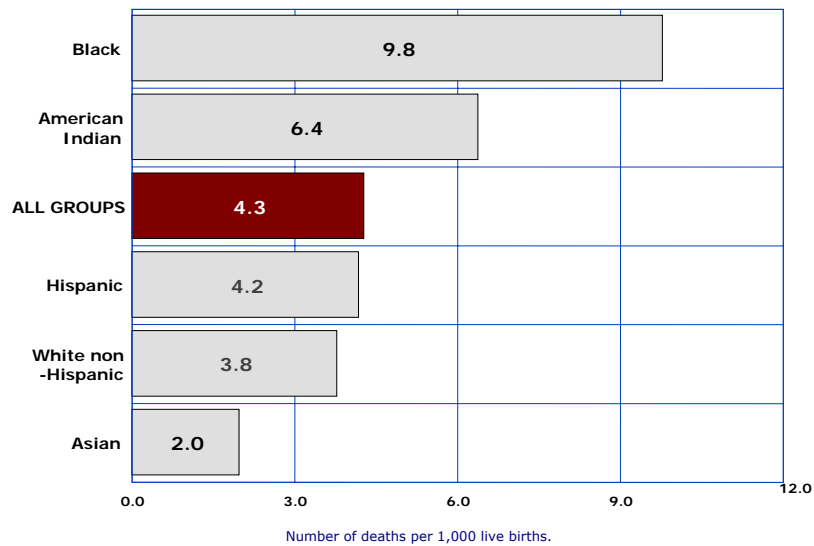
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|-------------------------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Per 1,000 births by race/ethnicity | | | | | | |
| Year | All 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 |
| 2007 | 0.9 | 0.5 | 1.2 | 2.4 | 0.8 | 0.9 |
| % change from 2000 | 50.0 | 25.0 | 33.3 | -4.0 | -11.1 | NA |

4-10 NEONATAL MORTALITY

2007



2000

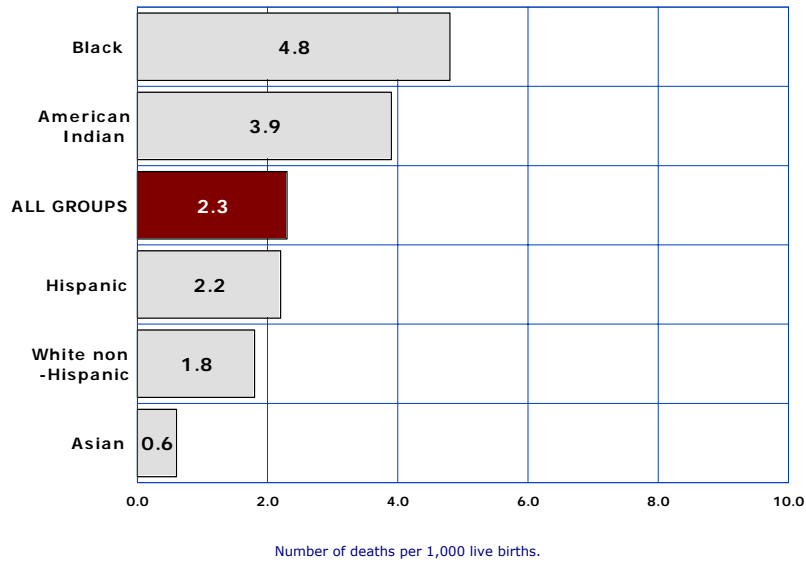


COMPARATIVE RATES FOR 2000 AND 2007

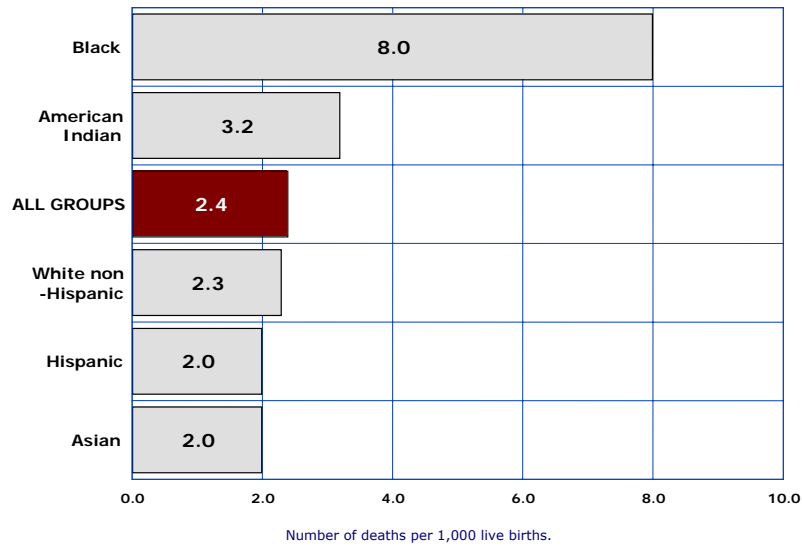
| Per 1,000 births by race/ethnicity | | | | | | |
|------------------------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Year | All groups | White non-Hispanic | Hispanic or Latino | Black 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 |
| 2007 | 4.7 | 3.8 | 5.2 | 10.3 | 4.2 | 2.6 |
| % change from 2000 | 9.3 | 0.0 | 23.8 | 5.1 | -34.4 | 30.0 |

4-11 POSTNEONATAL MORTALITY

2007



2000



| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|-------------------------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 2.3 | 1.8 | 2.2 | 4.8 | 3.9 | 0.6 |
| % change from 2000 | -4.2 | -21.7 | 10.0 | -40.0 | 21.9 | -70.0 |

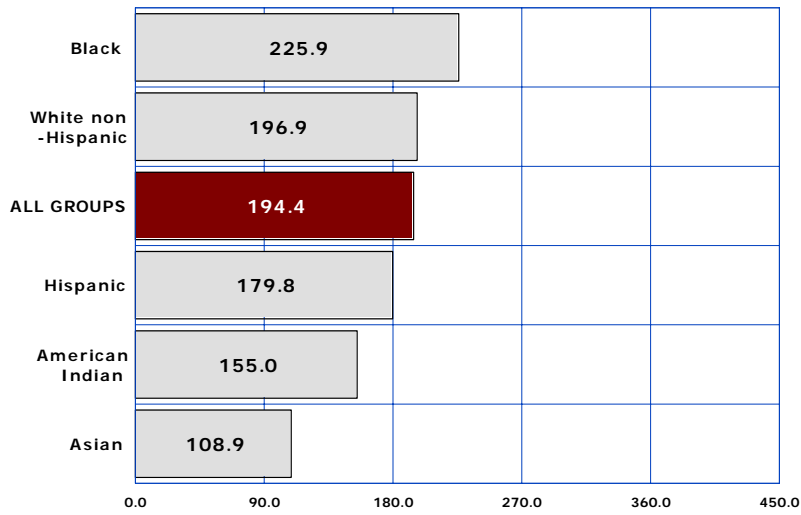
5

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

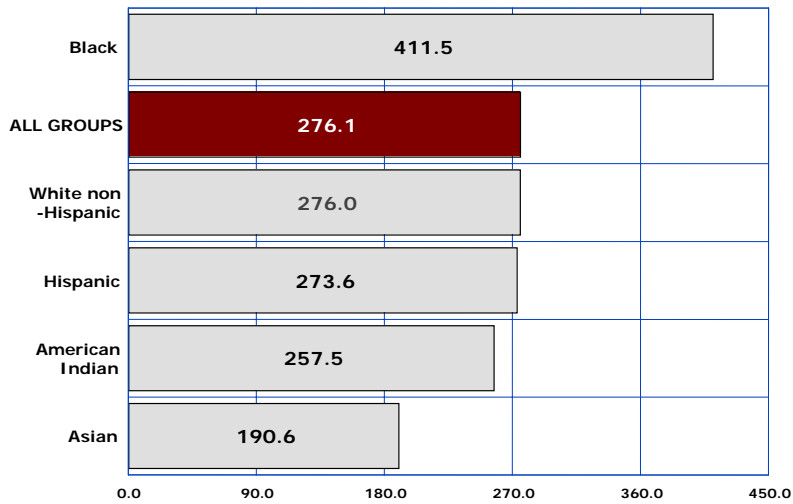
5-1 CARDIOVASCULAR DISEASE

2007



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

2000

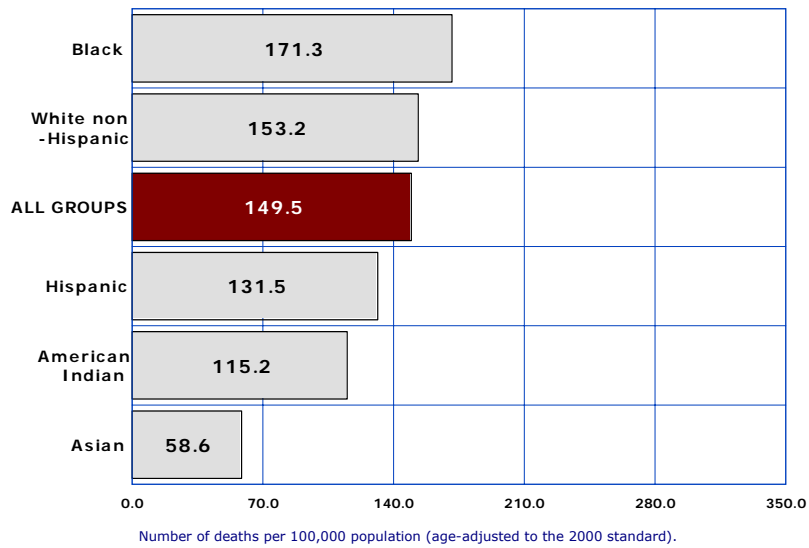


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

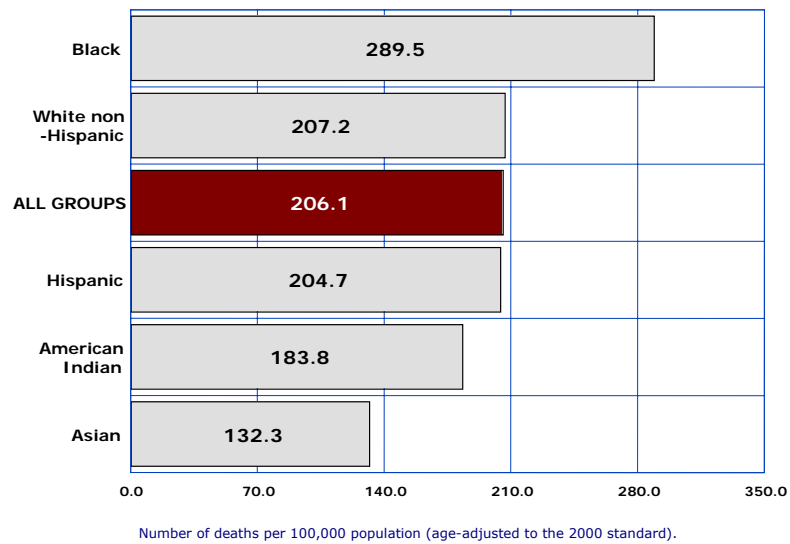
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Number of deaths per 100,000 population by race/ethnicity | | | | | | |
| Year | All groups | White 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 |
| 2007 | 194.4 | 196.9 | 179.8 | 225.9 | 155.0 | 108.9 |
| % change from 2000 | -29.6 | -28.7 | -34.3 | -45.1 | -39.8 | -42.9 |

5-2 DISEASES OF THE HEART

2007



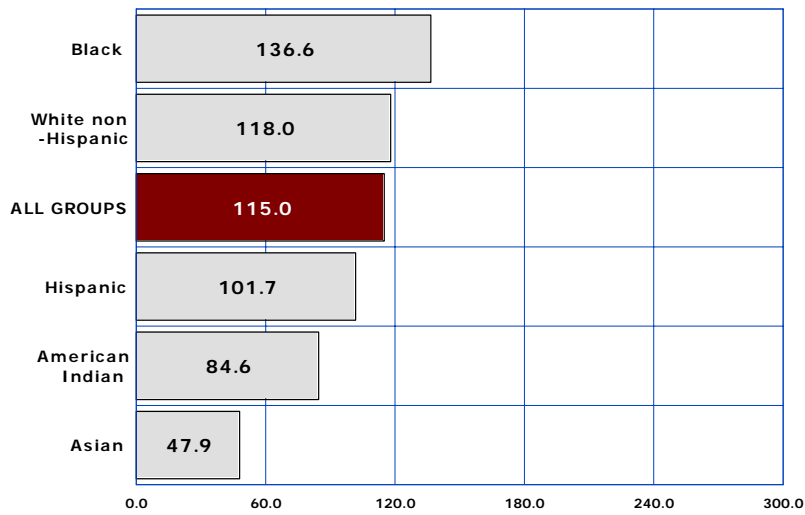
2000



| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 149.5 | 153.2 | 131.5 | 171.3 | 115.2 | 58.6 |
| % change from 2000 | -27.5 | -26.1 | -35.8 | -40.8 | -37.3 | -55.7 |

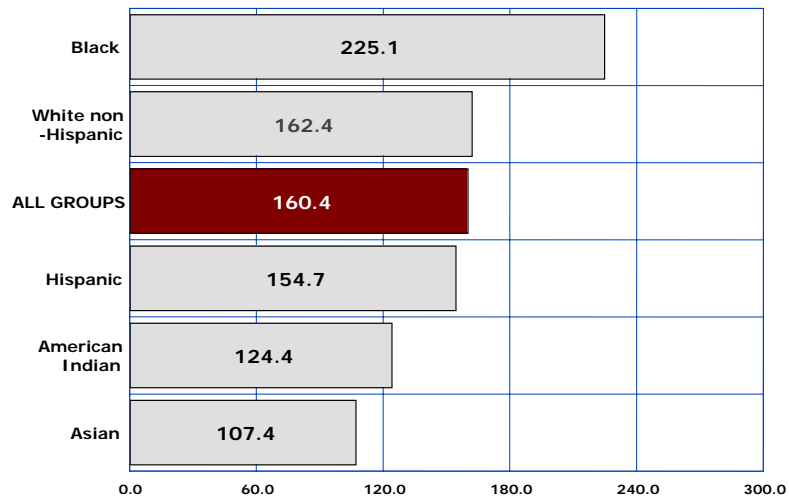
5-3 CORONARY HEART DISEASE

2007



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

2000

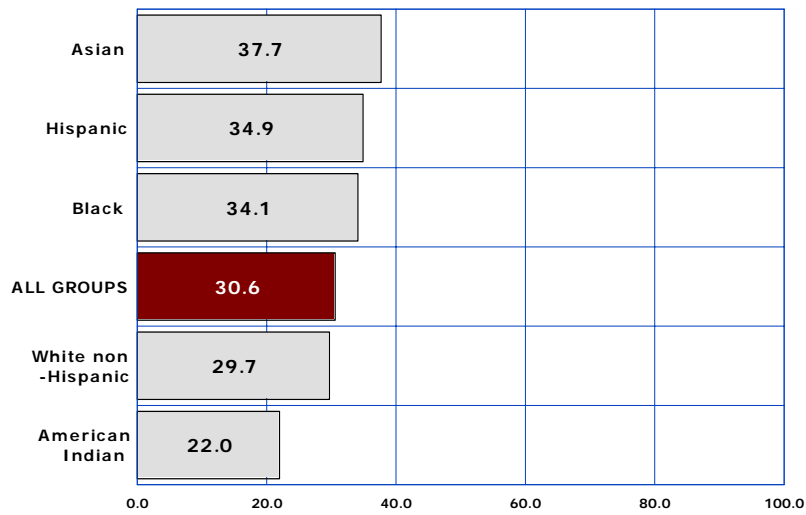


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 115.0 | 118.0 | 101.7 | 136.6 | 84.6 | 47.9 |
| % change from 2000 | -28.3 | -27.3 | -34.3 | -39.3 | 32.0 | -55.4 |

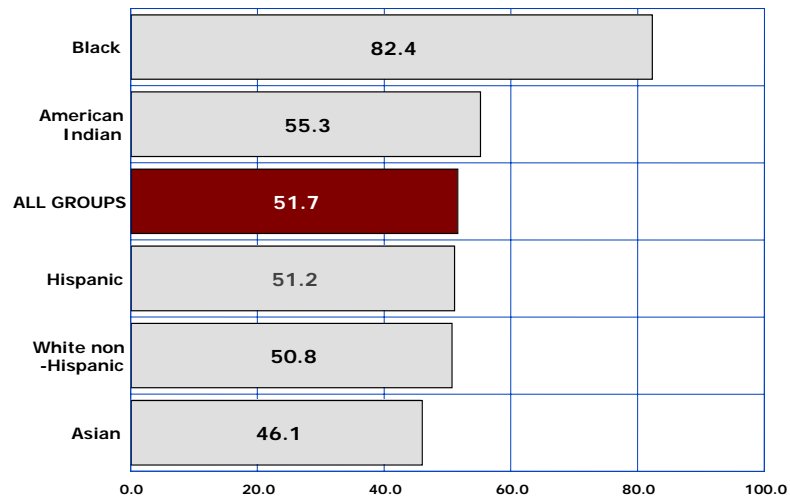
5-4 CEREBROVASCULAR DISEASE

2007



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

2000

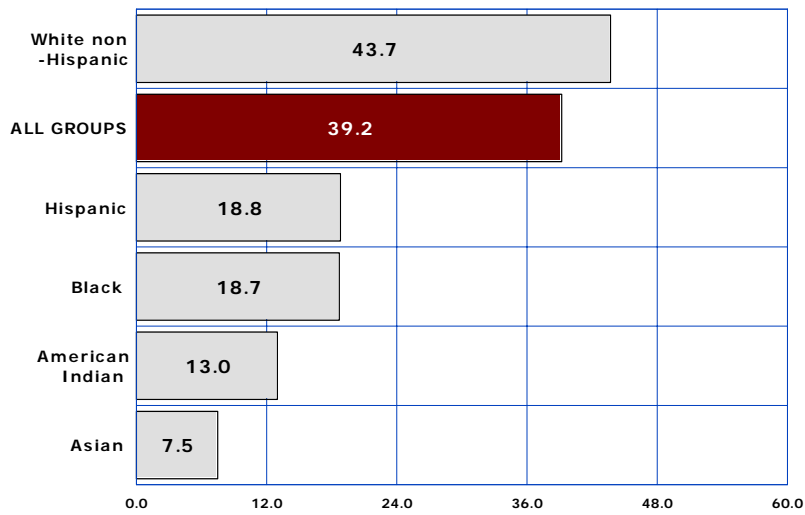


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 30.6 | 29.7 | 34.9 | 34.1 | 22.0 | 37.7 |
| % change from 2000 | -40.8 | -41.5 | -31.8 | -58.6 | -60.2 | -18.2 |

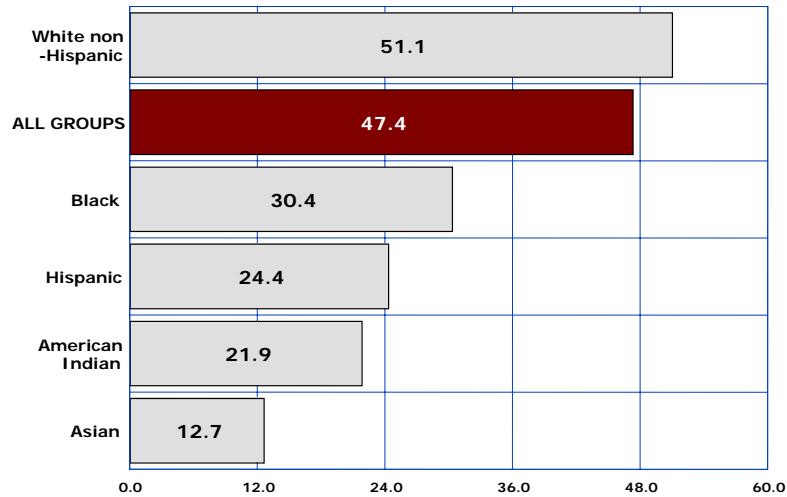
5-5 CHRONIC LOWER RESPIRATORY DISEASE

2007



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

2000

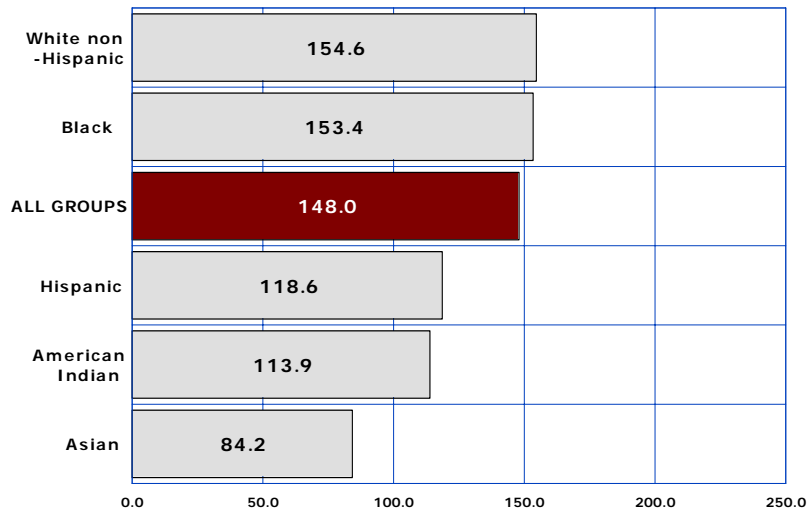


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 39.2 | 43.7 | 18.8 | 18.7 | 13.0 | 7.5 |
| % change from 2000 | -17.3 | -14.5 | -23.0 | -38.5 | -40.6 | -40.9 |

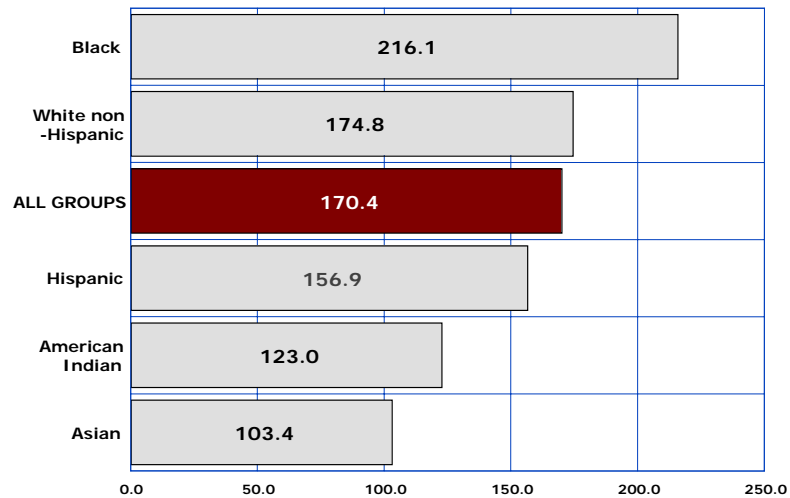
5-6 MALIGNANT NEOPLASM (CANCER)

2007



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

2000

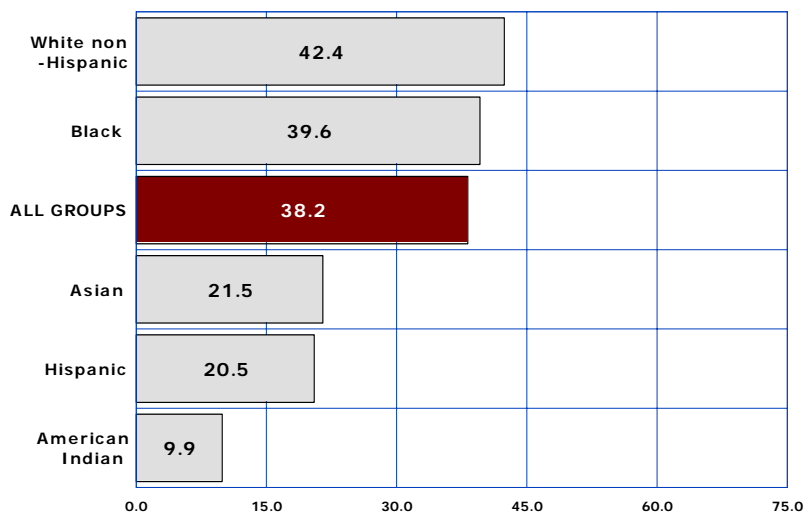


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 148.0 | 154.6 | 118.6 | 153.4 | 113.9 | 84.2 |
| % change from 2000 | -13.1 | -11.6 | -24.4 | -29.0 | -7.4 | -18.6 |

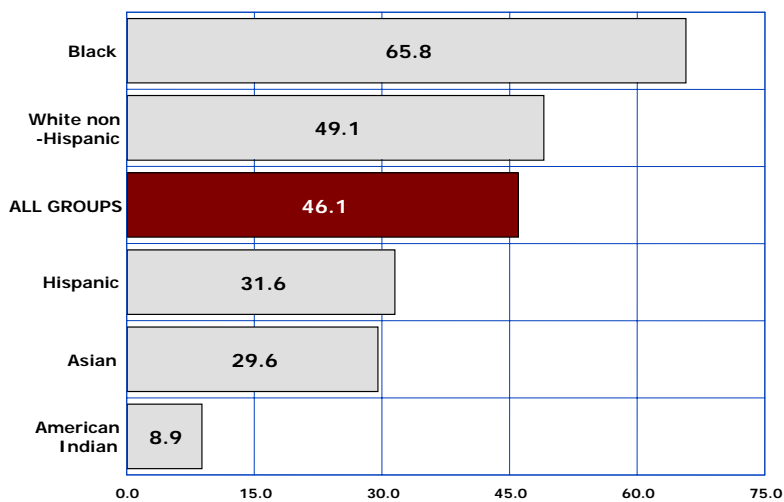
5-7 LUNG CANCER

2007



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

2000

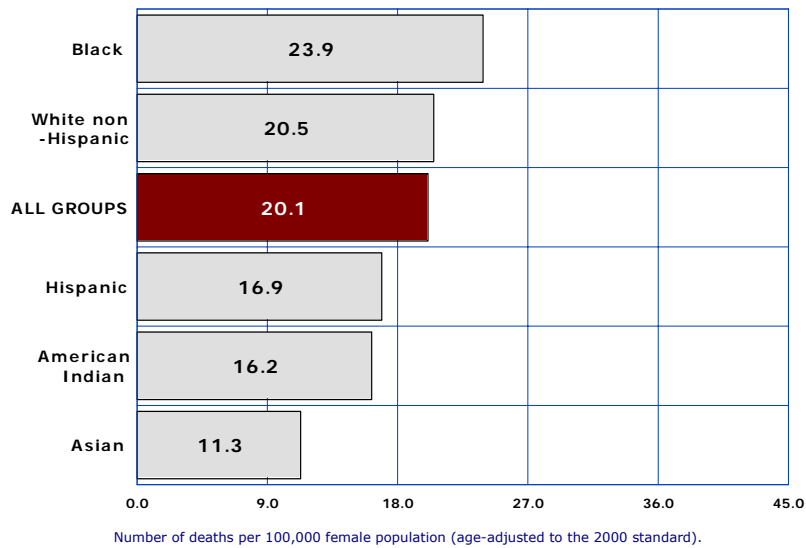


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

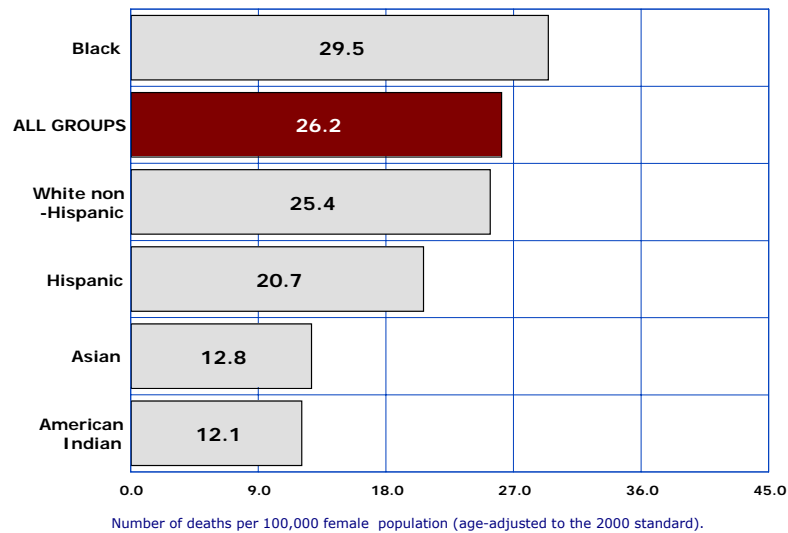
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Number of deaths per 100,000 population by race/ethnicity | | | | | | |
| Year | All groups | White 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 |
| 2007 | 38.2 | 42.4 | 20.5 | 39.6 | 9.9 | 21.5 |
| % change from 2000 | -17.1 | -13.6 | -35.1 | -39.8 | 11.2 | -27.4 |

5-8 BREAST CANCER

2007



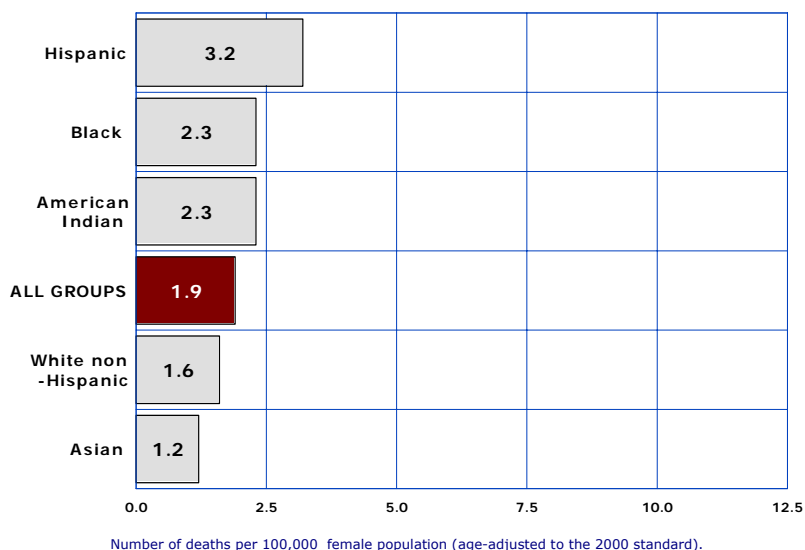
2000



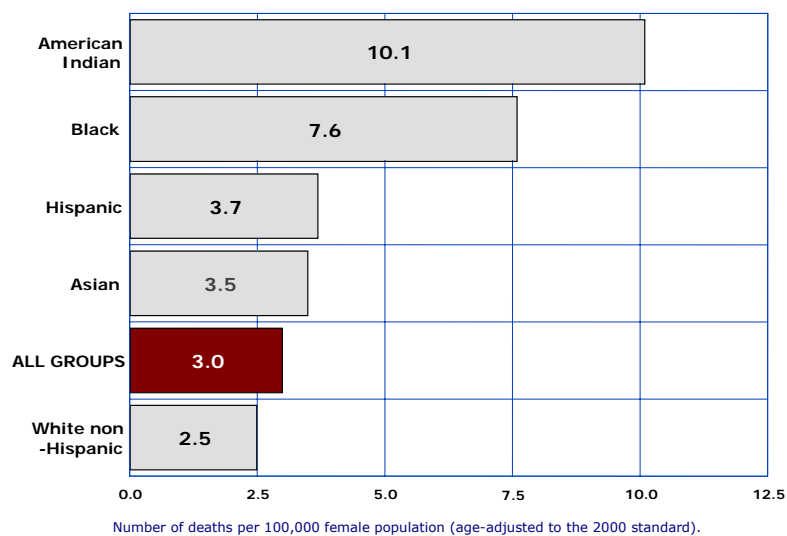
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|--|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Number of deaths per 100,000 females by race/ethnicity | | | | | | |
| Year | All groups | White 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 |
| 2007 | 20.1 | 20.5 | 16.9 | 23.9 | 16.2 | 11.3 |
| % change from 2000 | -20.9 | -21.8 | -18.4 | -19.0 | 33.9 | -11.7 |

5-9 CERVICAL CANCER

2007



2000



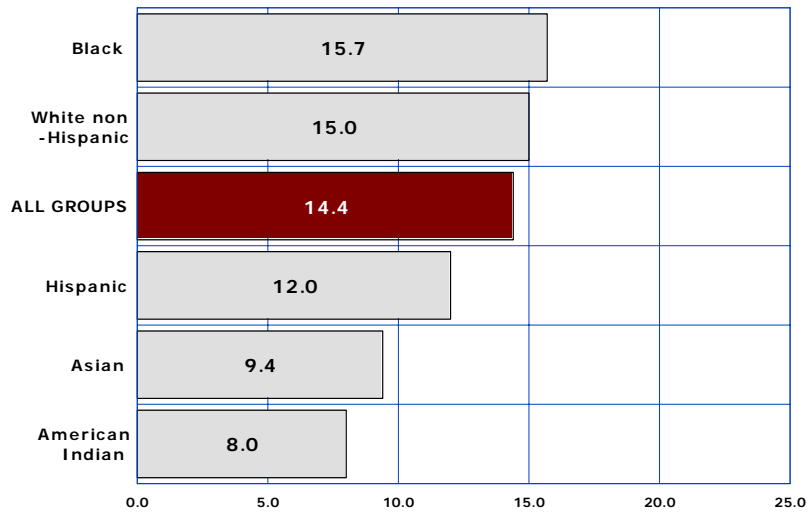
COMPARATIVE RATES FOR 2000 AND 2007

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 |
| 2007 | 1.9 | 1.6 | 3.2 | 2.3 | 2.3 | 1.2 |
| % change from 2000 | -36.7 | -36.0 | -13.5 | -69.7 | -77.2 | -65.7 |

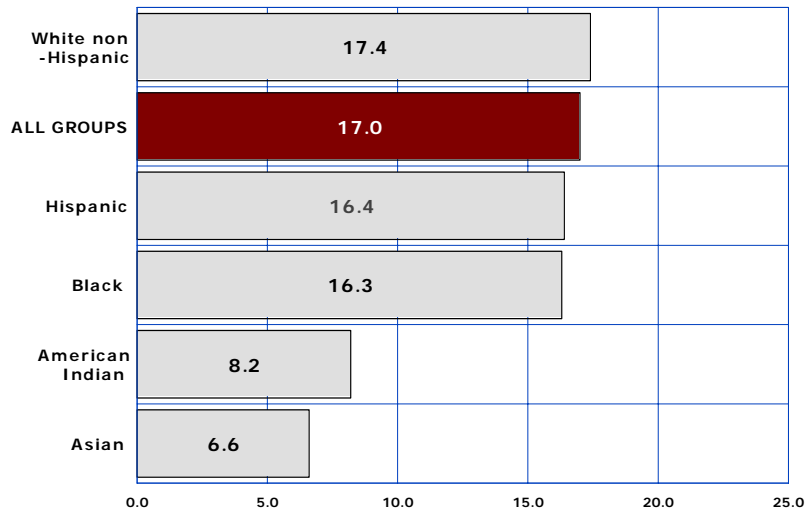
5-10 COLORECTAL CANCER

2007



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

2000

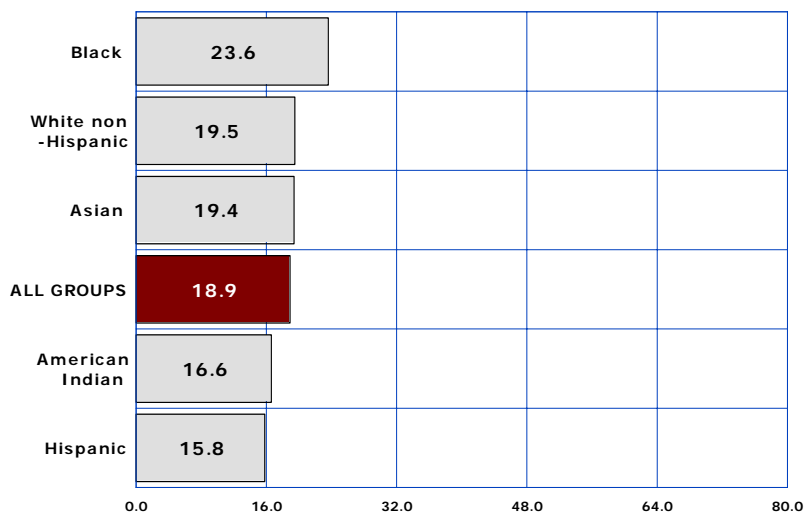


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 14.4 | 15.0 | 12.0 | 15.7 | 8.0 | 9.4 |
| % change from 2000 | -15.3 | -13.8 | -26.8 | -3.7 | -2.4 | 42.4 |

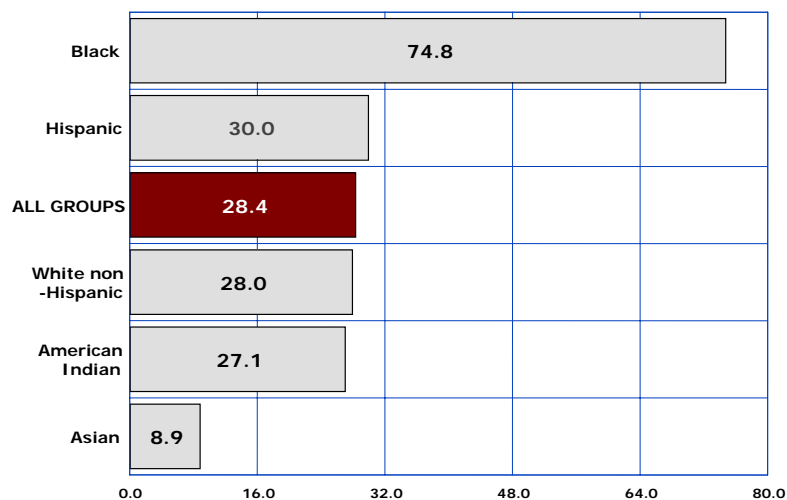
5-11 PROSTATE CANCER

2007



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

2000

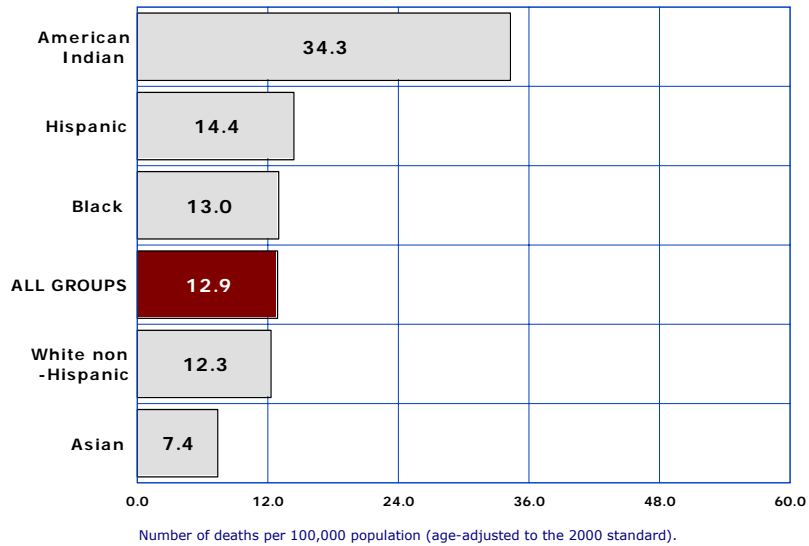


Number of deaths per 100,000 male population (age-adjusted to the 2000 standard).

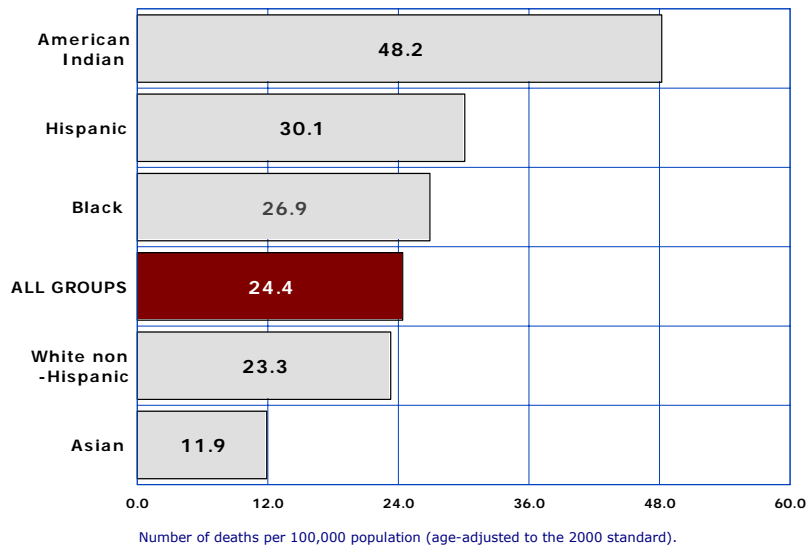
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|--|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Number of deaths per 100,000 males by race/ethnicity | | | | | | |
| Year | All groups | White non-Hispanic | 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 |
| 2007 | 18.9 | 19.5 | 15.8 | 23.6 | 16.6 | 19.4 |
| % change from 2000 | -33.5 | -30.4 | -47.3 | -68.4 | -38.7 | 118.0 |

5-12 INFLUENZA AND PNEUMONIA

2007



2000



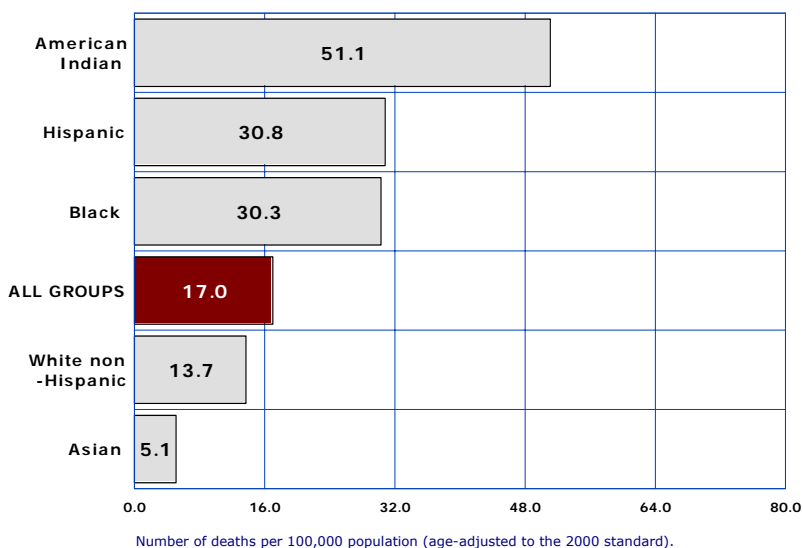
COMPARATIVE RATES FOR 2000 AND 2007

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

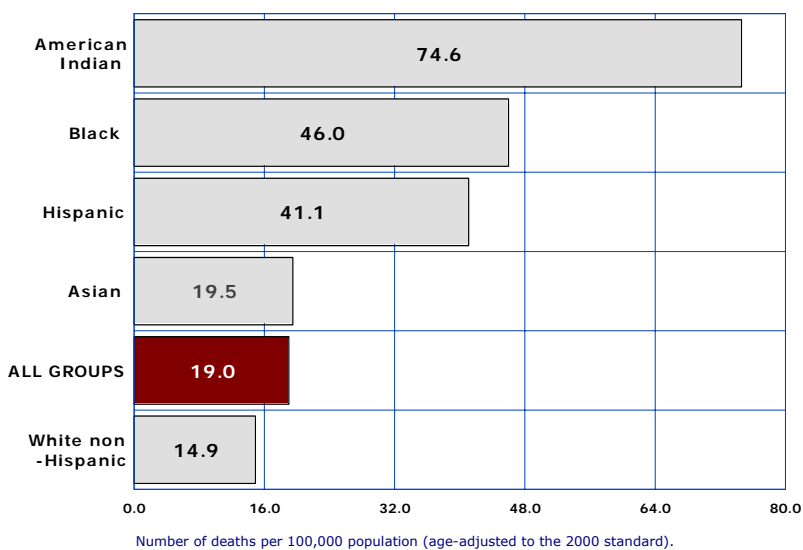
| Year | All groups | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
|--------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 2000 | 24.4 | 23.3 | 30.1 | 26.9 | 48.2 | 11.9 |
| 2007 | 12.9 | 12.3 | 14.4 | 13.0 | 34.3 | 7.4 |
| % change from 2000 | -47.1 | -47.2 | -52.2 | -51.7 | -28.8 | -37.8 |

5-13 DIABETES

2007



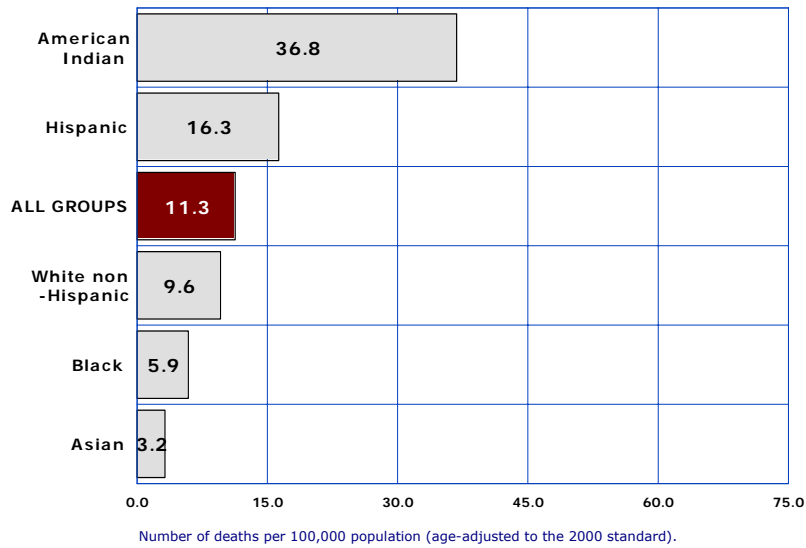
2000



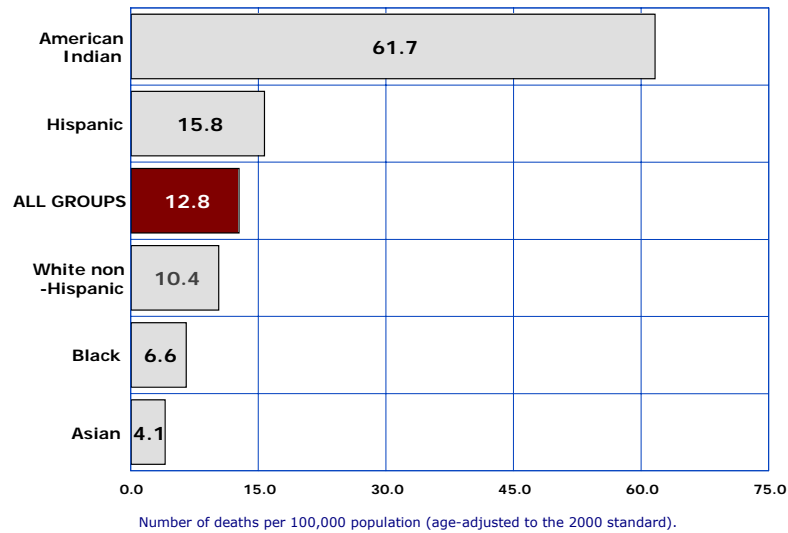
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Number of deaths per 100,000 population by race/ethnicity | | | | | | |
| Year | All groups | White 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 |
| 2007 | 17.0 | 13.7 | 30.8 | 30.3 | 51.1 | 5.1 |
| % change from 2000 | -10.5 | -8.1 | -25.1 | -34.1 | -31.5 | -73.8 |

5-14 CHRONIC LIVER DISEASE AND CIRRHOSIS

2007



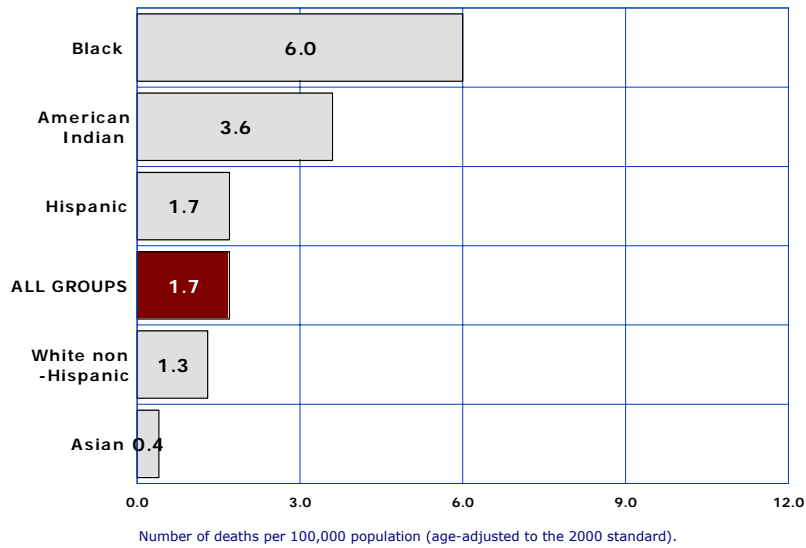
2000



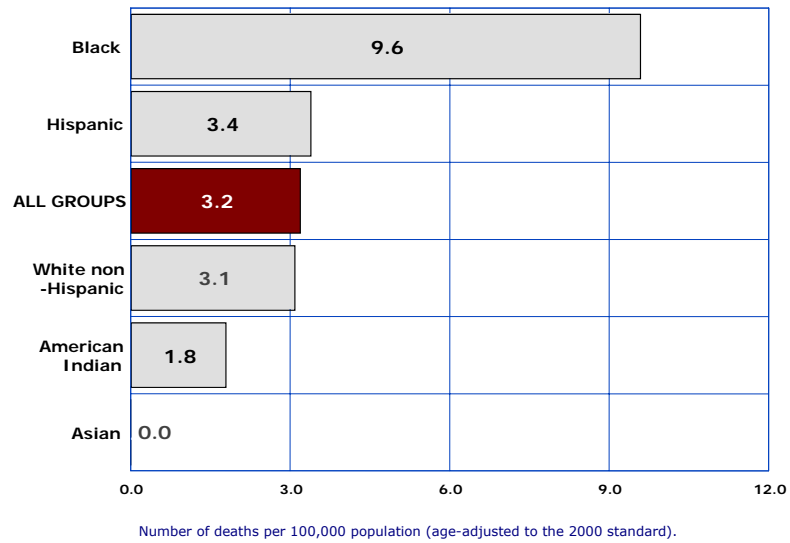
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Number of deaths per 100,000 population by race/ethnicity | | | | | | |
| Year | All groups | White 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 |
| 2007 | 11.3 | 9.6 | 16.3 | 5.9 | 36.8 | 3.2 |
| % change from 2000 | -11.7 | -7.7 | 3.2 | -10.6 | -40.4 | -22.0 |

5-15 HIV DISEASE

2007



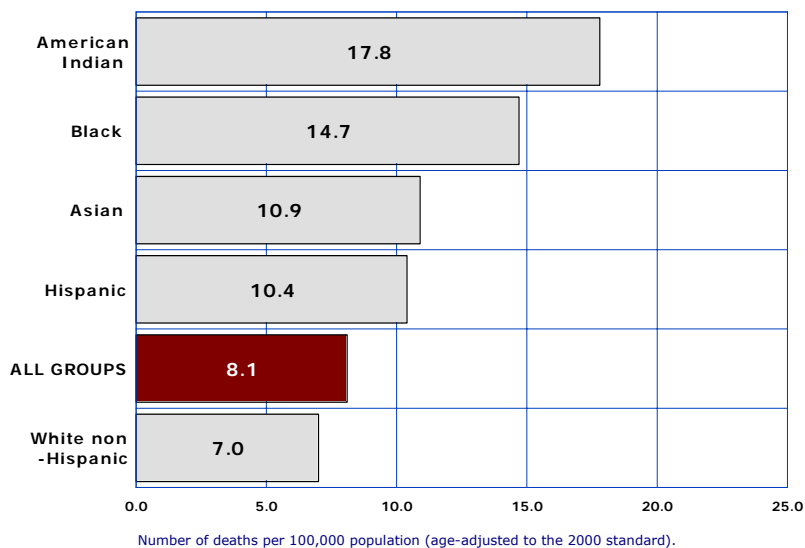
2000



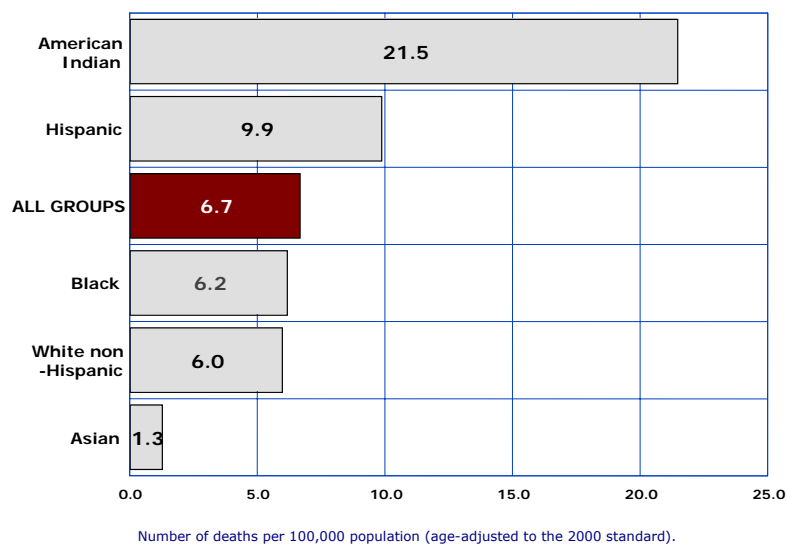
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Number of deaths per 100,000 population by race/ethnicity | | | | | | |
| Year | All groups | White 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 |
| 2007 | 1.7 | 1.3 | 1.7 | 6.0 | 3.6 | 0.4 |
| % change from 2000 | -46.9 | -58.1 | -50.0 | -37.5 | 100.0 | NA |

5-16 SEPTICEMIA

2007



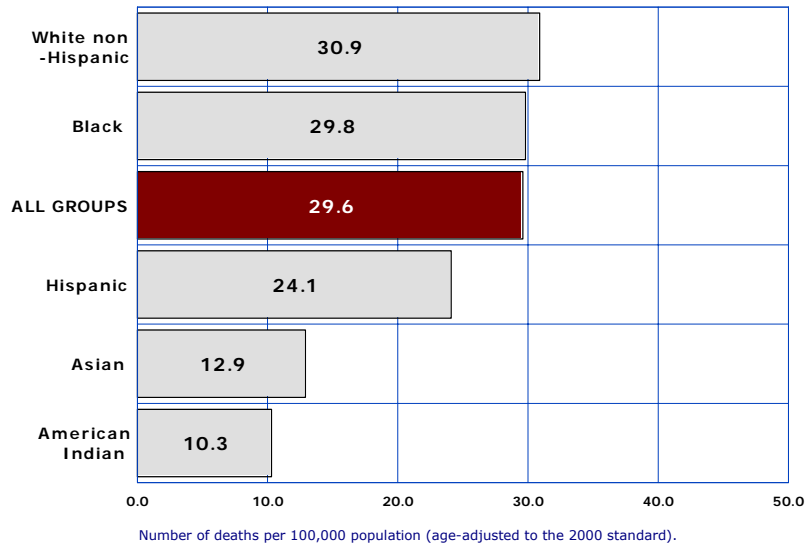
2000



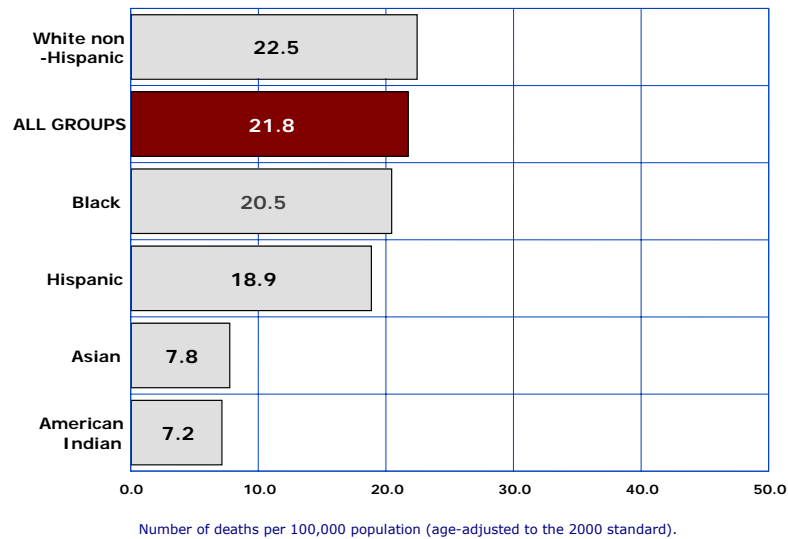
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Number of deaths per 100,000 population by race/ethnicity | | | | | | |
| Year | All groups | White 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 |
| 2007 | 8.1 | 7.0 | 10.4 | 14.7 | 17.8 | 10.9 |
| % change from 2000 | 20.9 | 16.7 | 5.1 | 137.1 | -17.2 | 738.5 |

5-17 ALZHEIMER'S DISEASE

2007



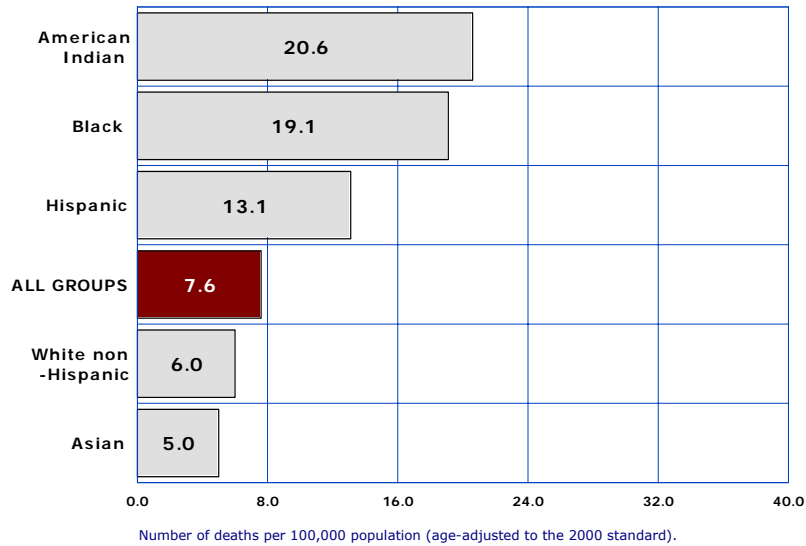
2000



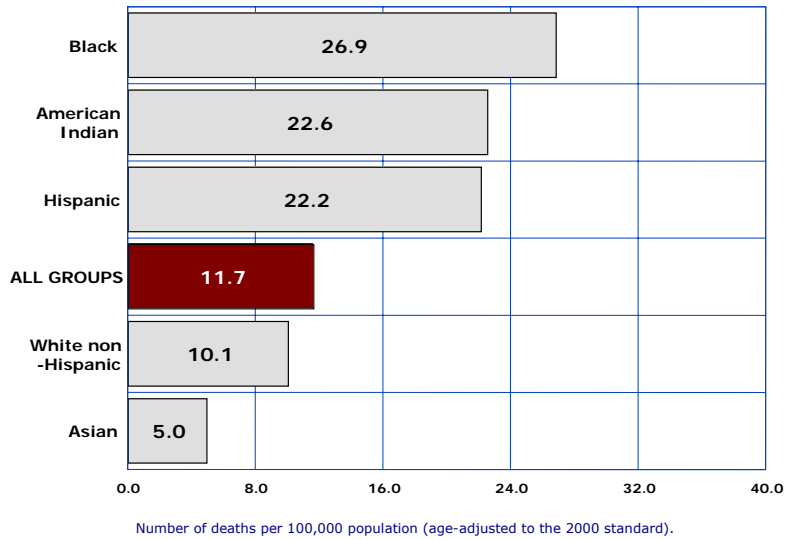
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Number of deaths per 100,000 population by race/ethnicity | | | | | | |
| Year | All groups | White 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 |
| 2007 | 29.6 | 30.9 | 24.1 | 29.8 | 10.3 | 12.9 |
| % change from 2000 | 35.8 | 37.3 | 27.5 | 45.4 | 43.1 | 65.4 |

5-18 NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS

2007



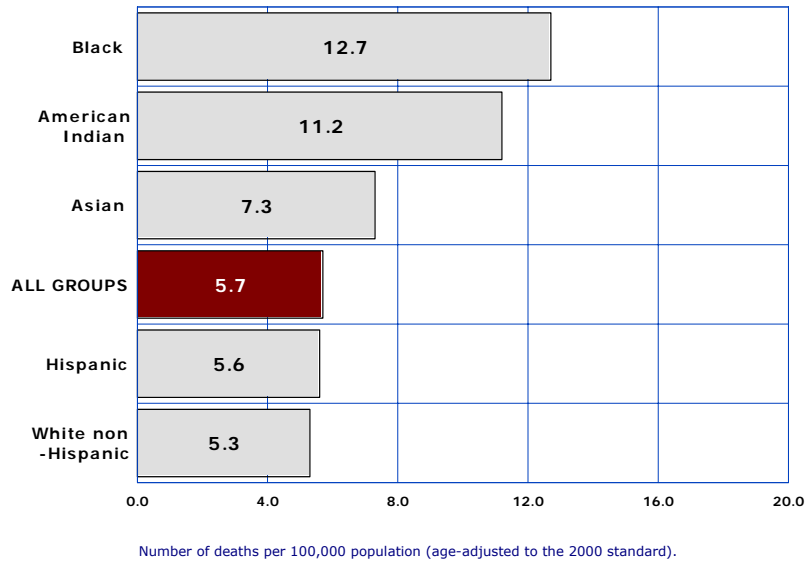
2000



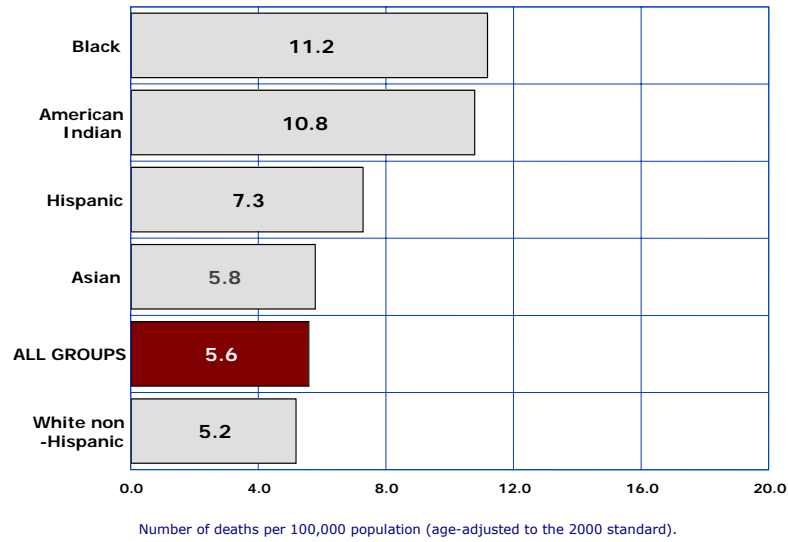
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Number of deaths per 100,000 population by race/ethnicity | | | | | | |
| Year | All groups | White 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 |
| 2007 | 7.6 | 6.0 | 13.1 | 19.1 | 20.6 | 5.0 |
| % change from 2000 | -35.0 | -40.6 | -40.7 | -29.0 | -8.8 | 0.0 |

5-19 ESSENTIAL (PRIMARY) HYPERTENSION

2007



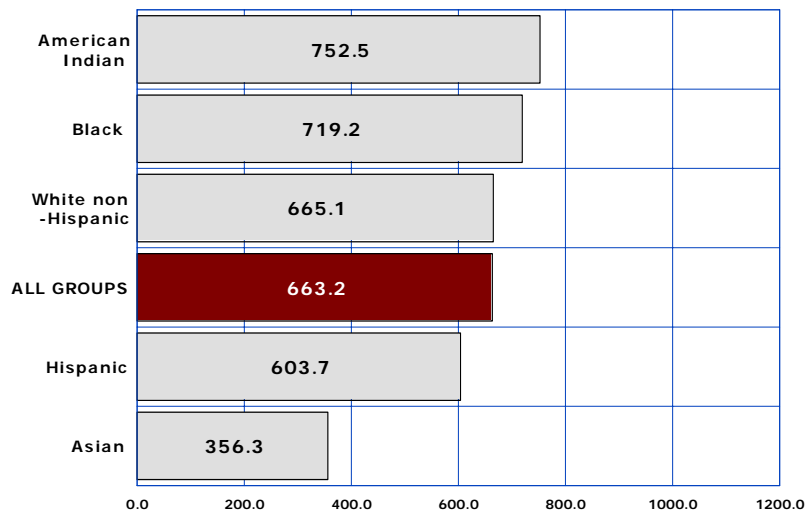
2000



| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 5.7 | 5.3 | 5.6 | 12.7 | 11.2 | 7.3 |
| % change from 2000 | 1.8 | 1.9 | -23.3 | 13.4 | 3.7 | 25.9 |

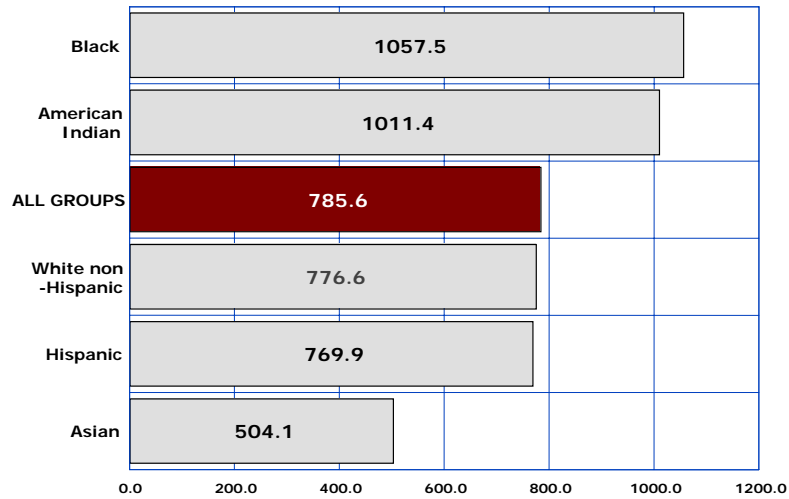
5-20 TOTAL MORTALITY FROM ALL CAUSES

2007



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 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 663.2 | 665.1 | 603.7 | 719.2 | 752.5 | 356.3 |
| % change from 2000 | -15.6 | -14.4 | -21.6 | -32.0 | -25.6 | -29.3 |

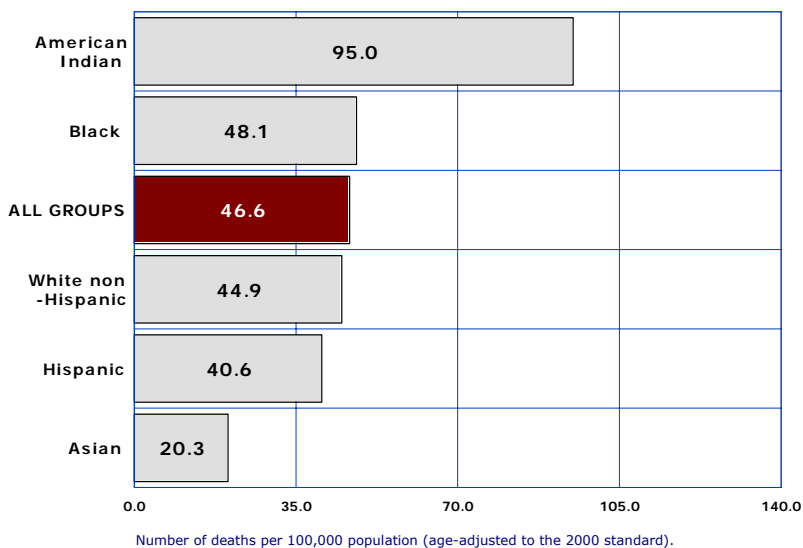
6

Mortality from Injuries

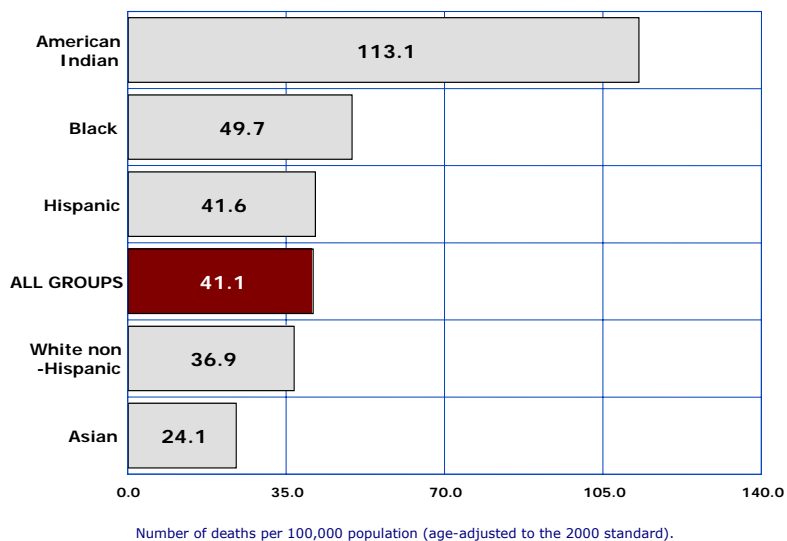
- 6-1 Unintentional Injuries
- 6-2 Motor Vehicle-Related Injuries
- 6-3 Fall-Related Injuries
- 6-4 Drowning
- 6-5 Injury by Firearms
- 6-6 Drug-Induced
- 6-7 Alcohol-Induced
- 6-8 Intentional Self-Harm (suicide)
- 6-9 Assault (homicide)

6-1 UNINTENTIONAL INJURIES

2007



2000



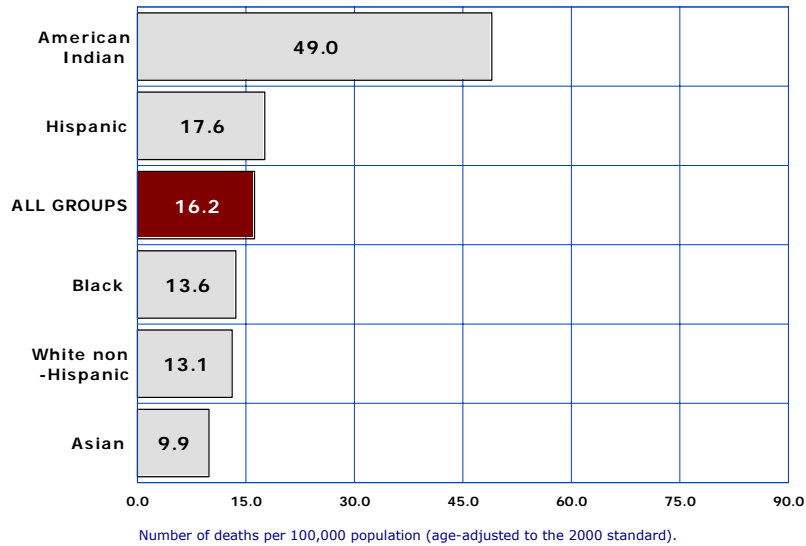
COMPARATIVE RATES FOR 2000 AND 2007

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

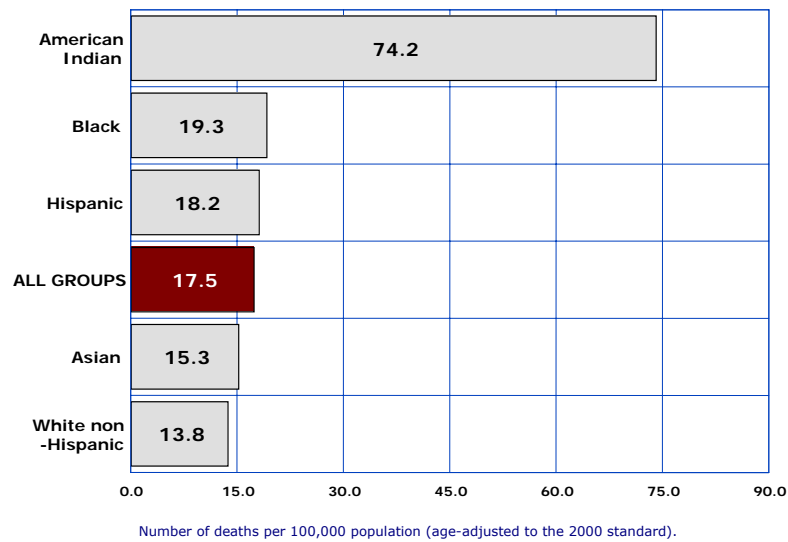
| Year | All groups | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
|--------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 2000 | 41.1 | 36.9 | 41.6 | 49.7 | 113.1 | 24.1 |
| 2007 | 46.6 | 44.9 | 40.6 | 48.1 | 95.0 | 20.3 |
| % change from 2000 | 13.4 | 21.7 | -2.4 | -3.2 | -16.0 | -15.8 |

6-2 MOTOR VEHICLE-RELATED INJURIES

2007



2000



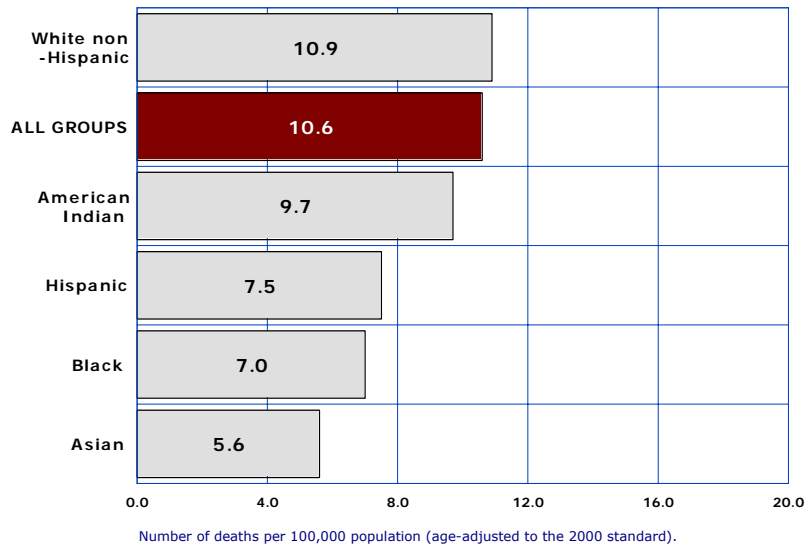
COMPARATIVE RATES FOR 2000 AND 2007

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

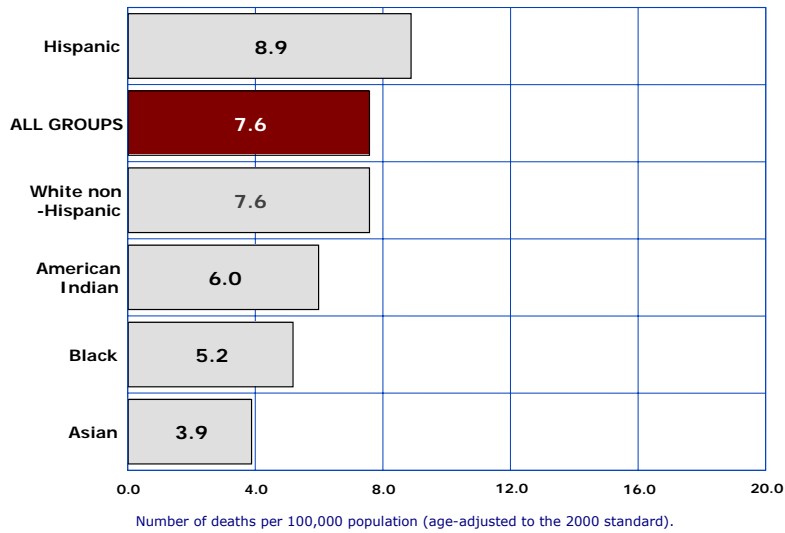
| Year | All groups | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
|--------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 2000 | 17.5 | 13.8 | 18.2 | 19.3 | 74.2 | 15.3 |
| 2007 | 16.2 | 13.1 | 17.6 | 13.6 | 49.0 | 9.9 |
| % change from 2000 | -7.4 | -5.1 | -3.3 | -29.5 | -34.0 | -35.3 |

6-3 FALL-RELATED INJURIES

2007



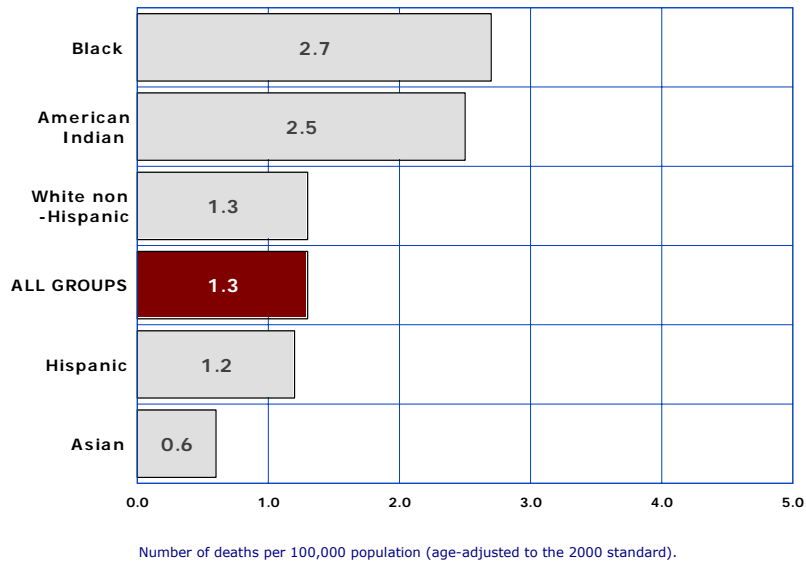
2000



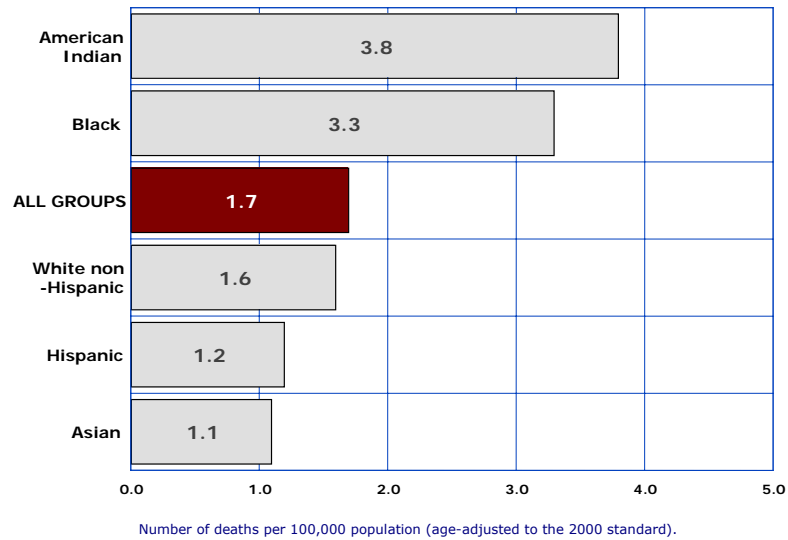
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Number of deaths per 100,000 population by race/ethnicity | | | | | | |
| Year | All groups | White 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 |
| 2007 | 10.6 | 10.9 | 7.5 | 7.0 | 9.7 | 5.6 |
| % change from 2000 | 39.5 | 43.4 | -15.7 | 34.6 | 61.7 | 43.6 |

6-4 DROWNING

2007



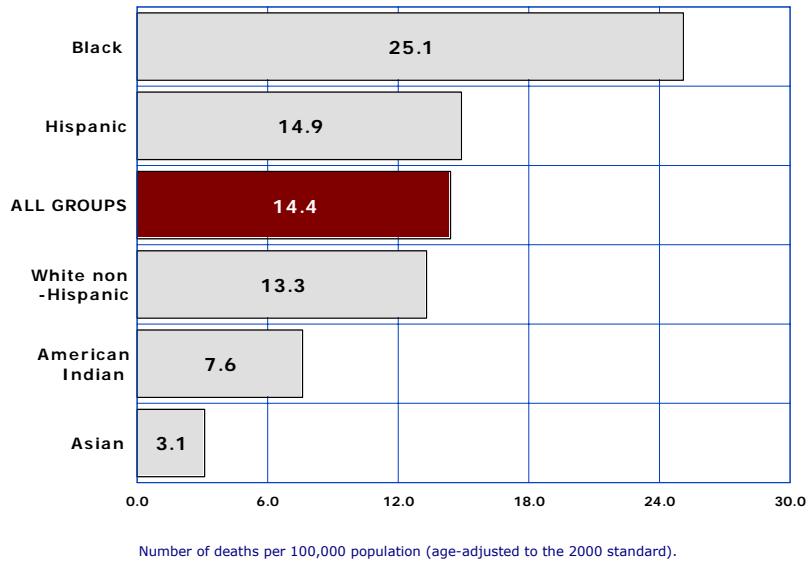
2000



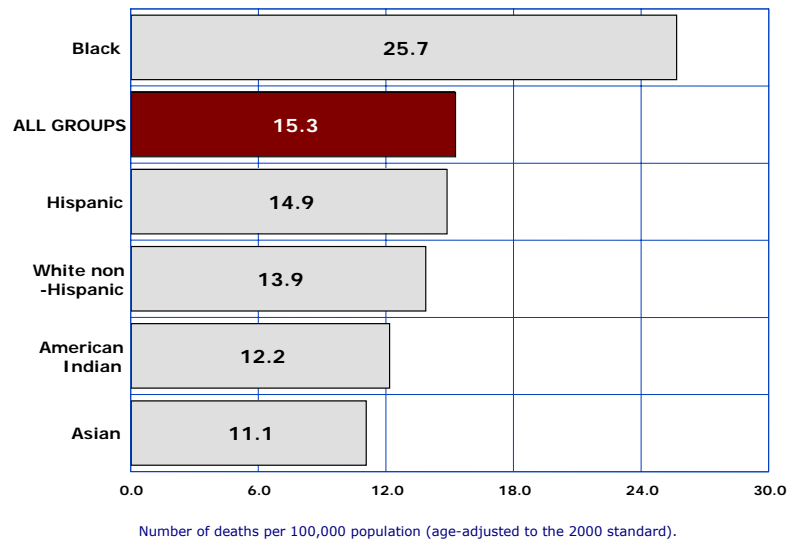
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Number of deaths per 100,000 population by race/ethnicity | | | | | | |
| Year | All groups | White 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 |
| 2007 | 1.3 | 1.3 | 1.2 | 2.7 | 2.5 | 0.6 |
| % change from 2000 | -23.5 | -18.8 | 0.0 | -18.2 | -34.2 | -45.5 |

6-5 INJURY BY FIREARMS

2007



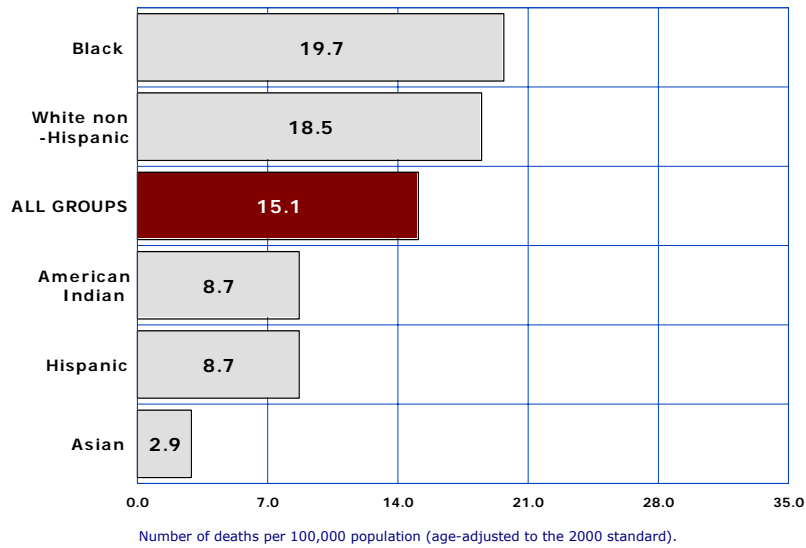
2000



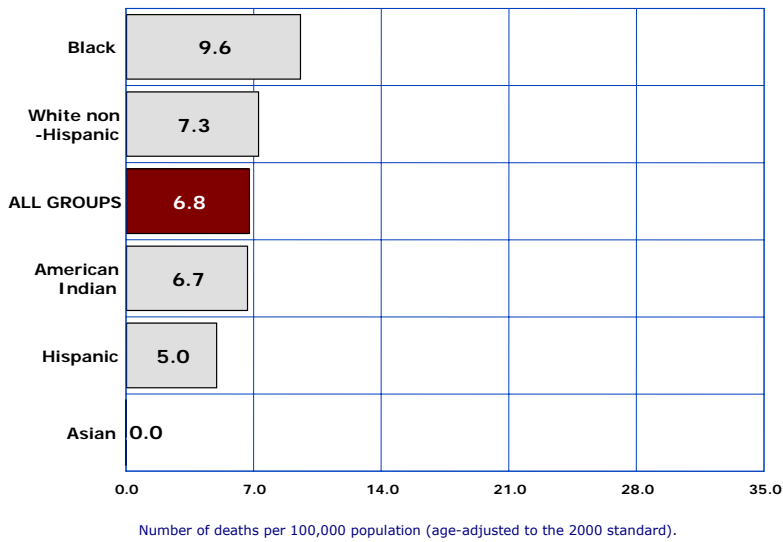
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Number of deaths per 100,000 population by race/ethnicity | | | | | | |
| Year | All groups | White 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 |
| 2007 | 14.4 | 13.3 | 14.9 | 25.1 | 7.6 | 3.1 |
| % change from 2000 | -5.9 | -4.3 | 0.0 | -2.3 | -37.7 | -72.1 |

6-6 DRUG-INDUCED DEATHS

2007



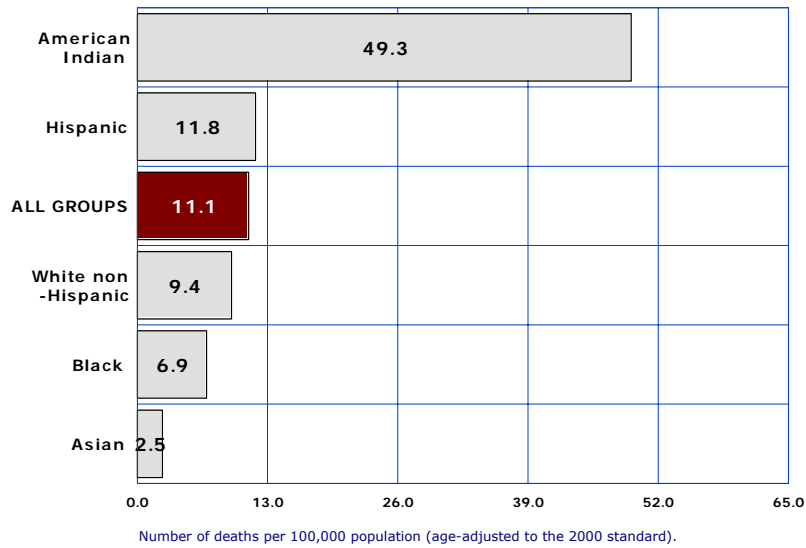
2000



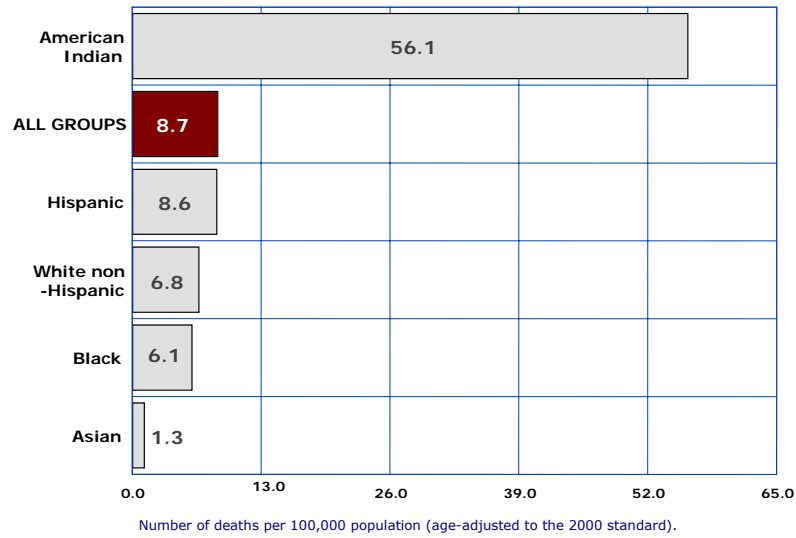
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Number of deaths per 100,000 population by race/ethnicity | | | | | | |
| Year | All groups | White 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 |
| 2007 | 15.1 | 18.5 | 8.7 | 19.7 | 8.7 | 2.9 |
| % change from 2000 | 122.1 | 153.4 | 74.0 | 105.2 | 29.9 | NA |

6-7 ALCOHOL-INDUCED DEATHS

2007



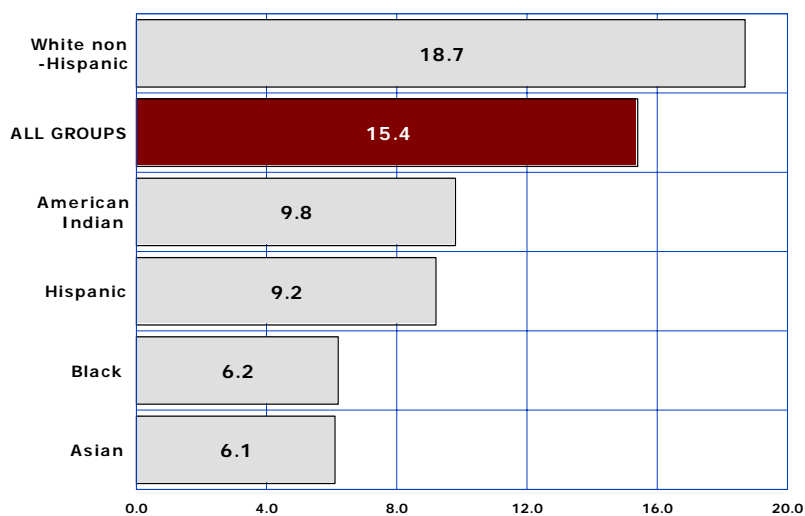
2000



| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 11.1 | 9.4 | 11.8 | 6.9 | 49.3 | 2.5 |
| % change from 2000 | 27.6 | 38.2 | 37.2 | 13.1 | -12.1 | 92.3 |

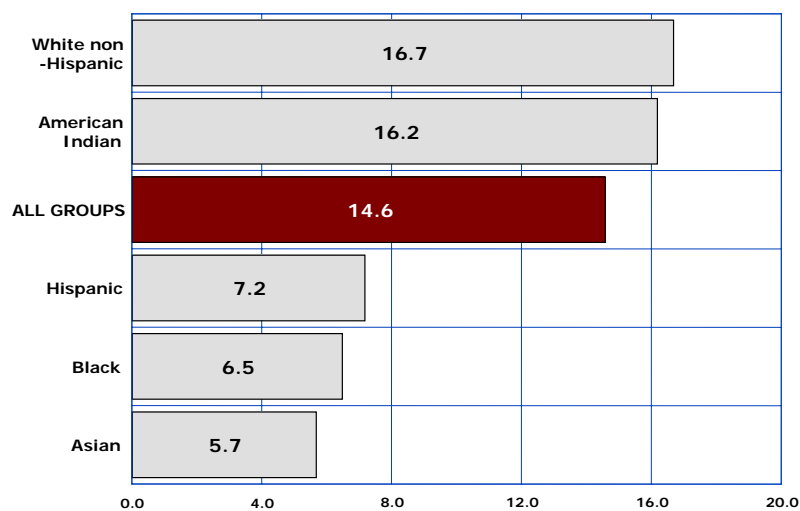
6-8 INTENTIONAL SELF-HARM (SUICIDE)

2007



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

2000

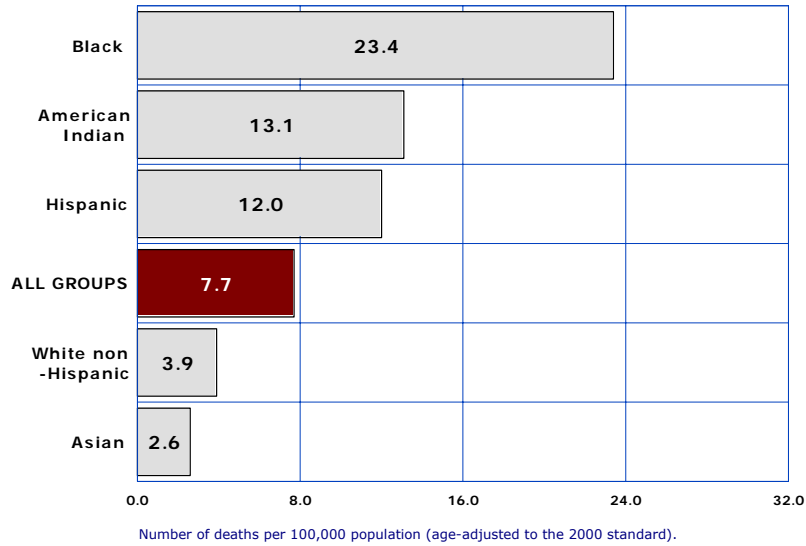


Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

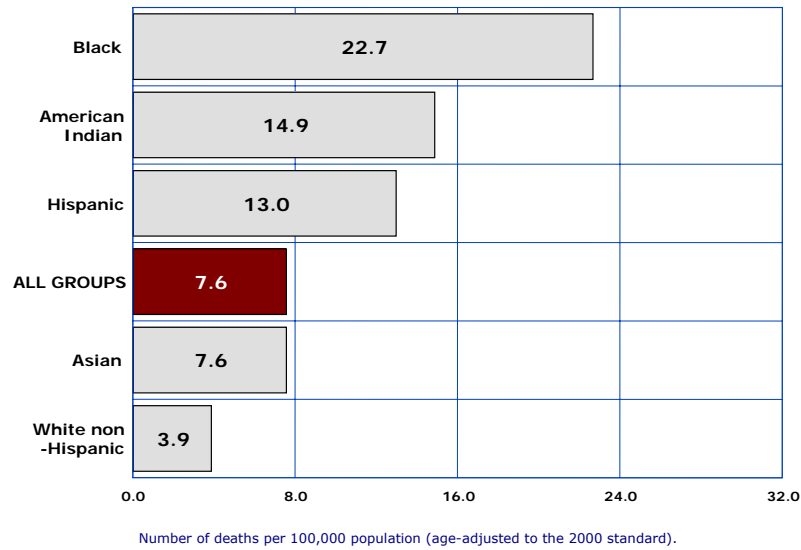
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Number of deaths per 100,000 population by race/ethnicity | | | | | | |
| Year | All groups | White 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 |
| 2007 | 15.4 | 18.7 | 9.2 | 6.2 | 9.8 | 6.1 |
| % change from 2000 | 5.5 | 12.0 | 27.8 | -4.6 | -39.5 | 7.0 |

6-9 ASSAULT (HOMICIDE)

2007



2000



| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 7.7 | 3.9 | 12.0 | 23.4 | 13.1 | 2.6 |
| % change from 2000 | 1.3 | 0.0 | -7.7 | 3.1 | -12.1 | -65.8 |

7

Age-Specific Mortality

7-1 Children 1-14 Years Old

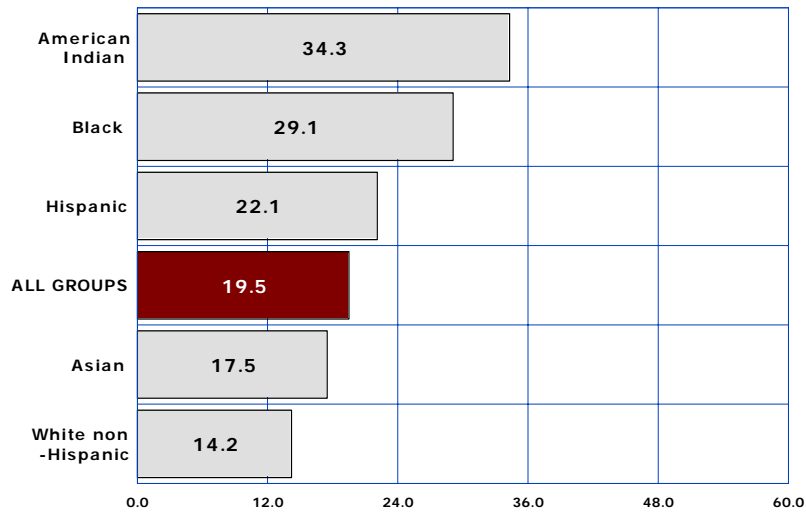
7-2 Adolescents 15-19 Years Old

7-3 Young Adults 20-44 Years Old

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

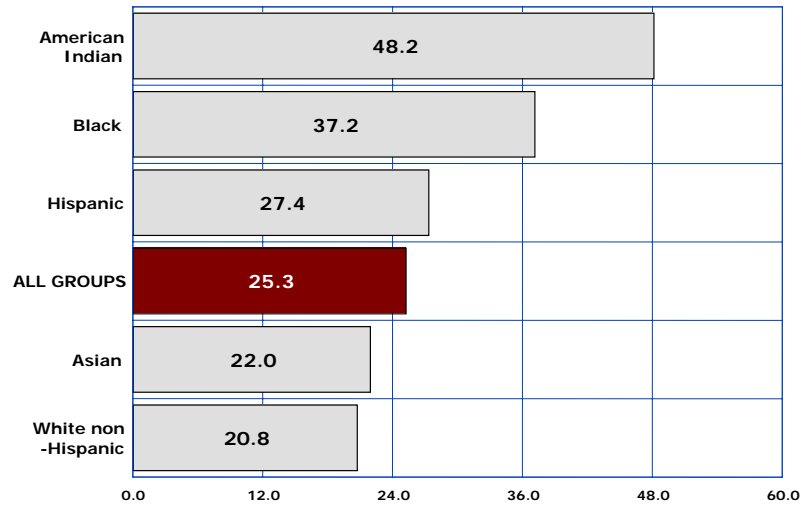
7-1 CHILDREN 1-14 YEARS OLD

2007



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

2000

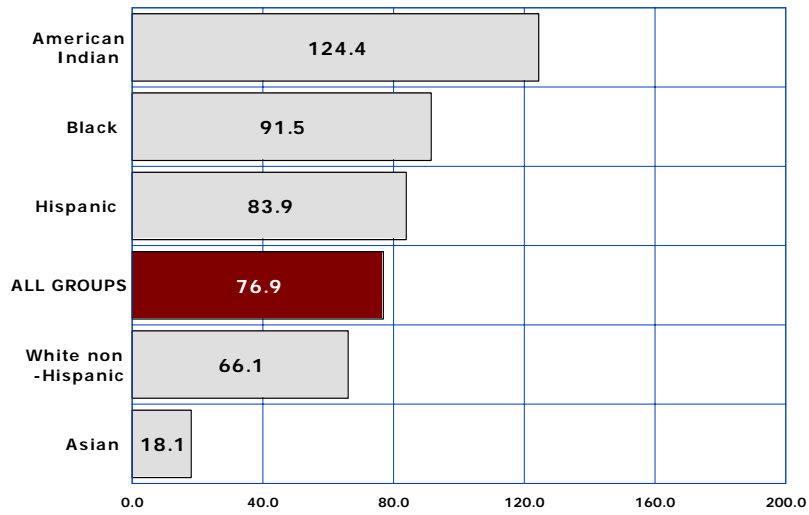


Number of deaths per 100,000 children 1-14 years.

| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|--|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 19.5 | 14.2 | 22.1 | 29.1 | 34.3 | 17.5 |
| % change from 2000 | -22.9 | -31.7 | -19.3 | -21.8 | -28.8 | -20.5 |

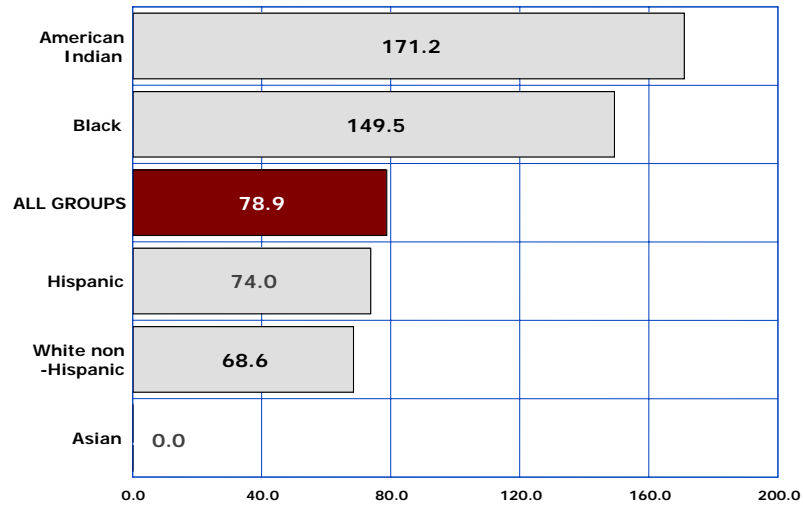
7-2 ADOLESCENTS 15-19 YEARS OLD

2007



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

2000

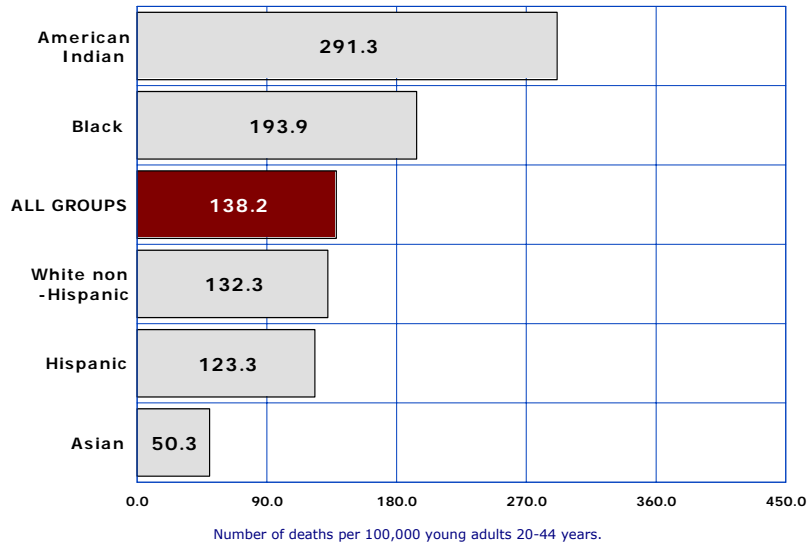


Number of deaths per 100,000 adolescents 15-19 years.

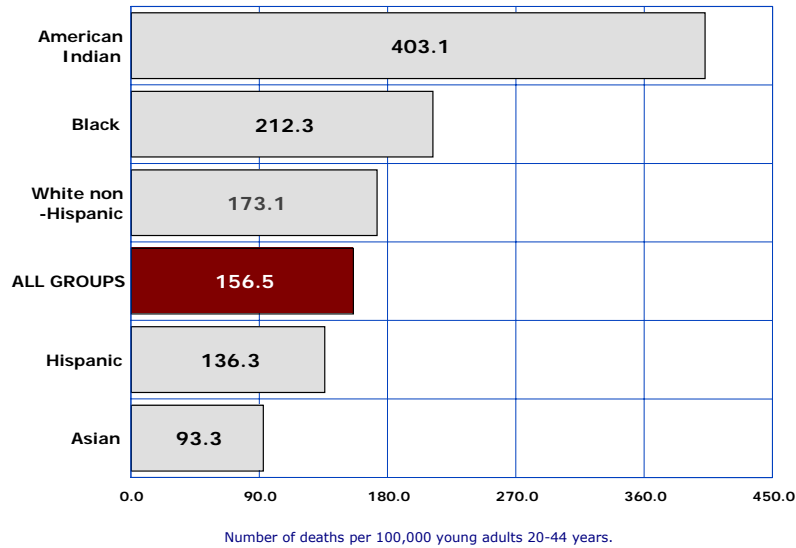
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|--|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Number of deaths per 100,000 adolescents 15-19 years old by race/ethnicity | | | | | | |
| Year | 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 |
| 2007 | 76.9 | 66.1 | 83.9 | 91.5 | 124.4 | 18.1 |
| % change from 2000 | -2.5 | -3.6 | 13.4 | -38.8 | -27.3 | NA |

7-3 YOUNG ADULTS 20-44 YEARS OLD

2007



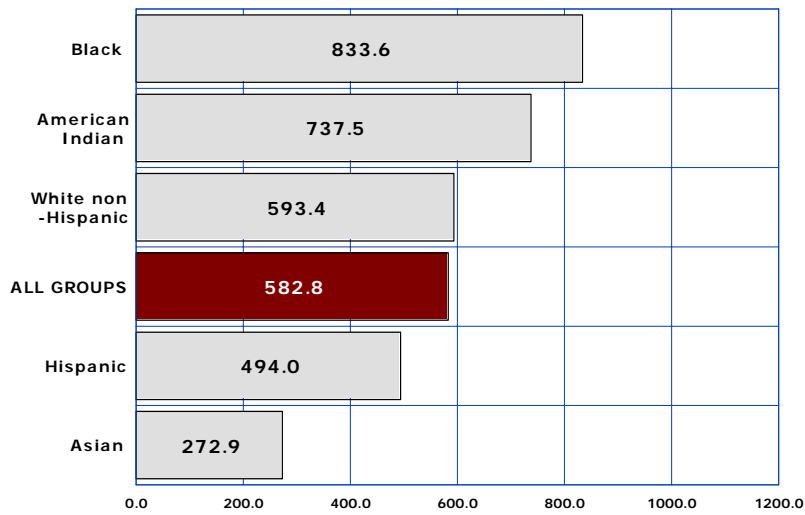
2000



| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 138.2 | 132.3 | 123.3 | 193.9 | 291.3 | 50.3 |
| % change from 2000 | -11.7 | -23.6 | -9.5 | -8.7 | -27.7 | -46.1 |

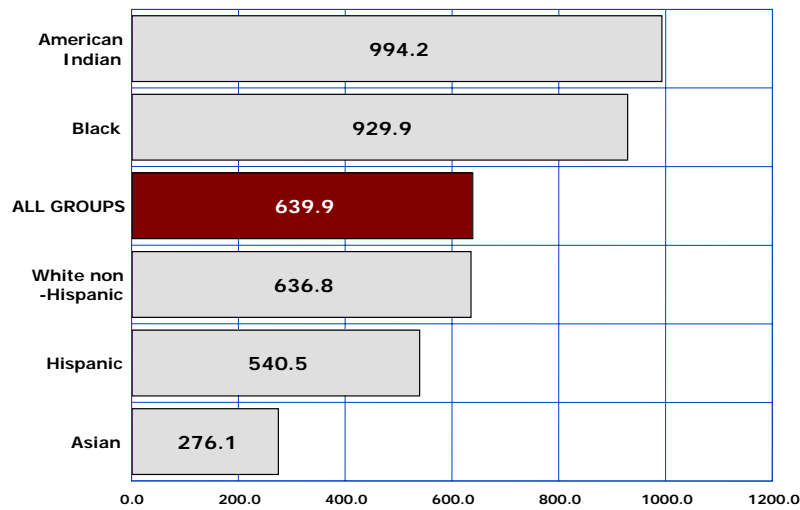
7-4 MIDDLE-AGE ADULTS 45-64 YEARS OLD

2007



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 2007 | | | | | | |
|--|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 582.8 | 593.4 | 494.0 | 833.6 | 737.5 | 272.9 |
| % change from 2000 | -8.1 | -6.8 | -8.6 | -10.4 | -25.8 | -1.2 |

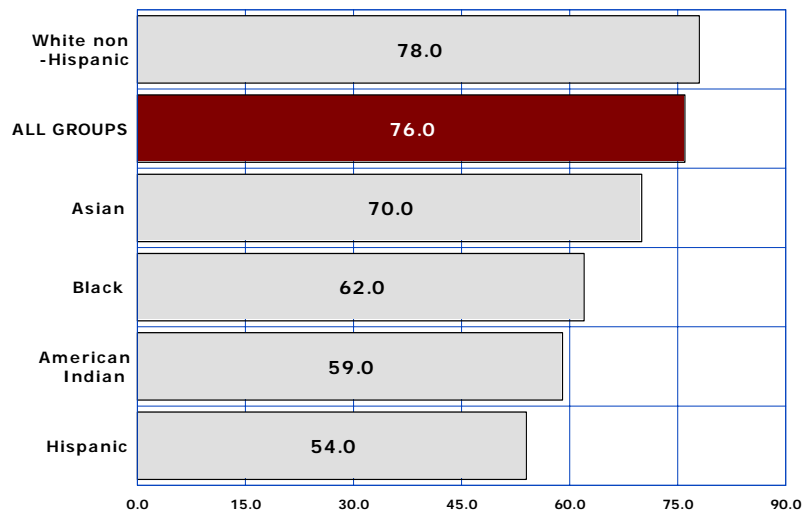
8

Patterns of Premature Mortality

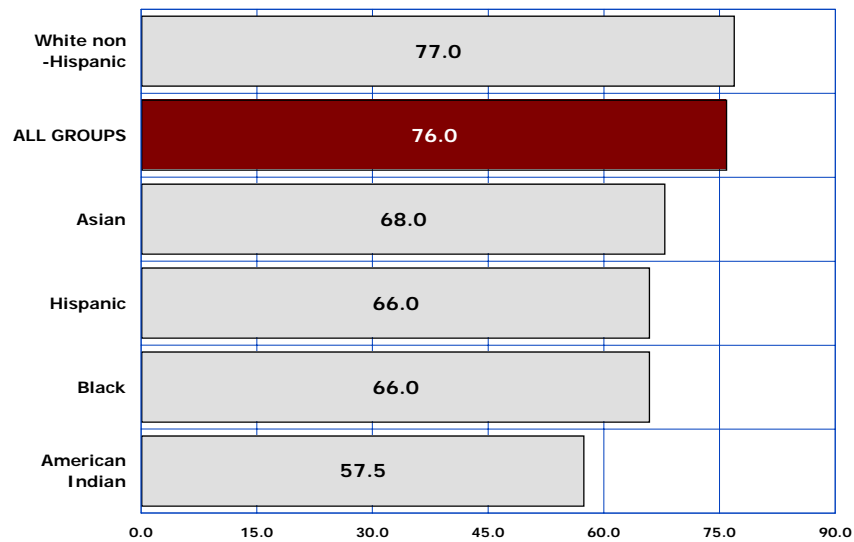
- 8-1 Median Age At Death From All Causes Among Arizona Residents**
- 8-2 Median Age At Death From All Causes Among Arizona Males**
- 8-3 Median Age At Death From All Causes Among Arizona Females**
- 8-4 Percent of Total Deaths Before Expected Years of Life Reached**

8-1 MEDIAN AGE AT DEATH FROM ALL CAUSES

2007



2000

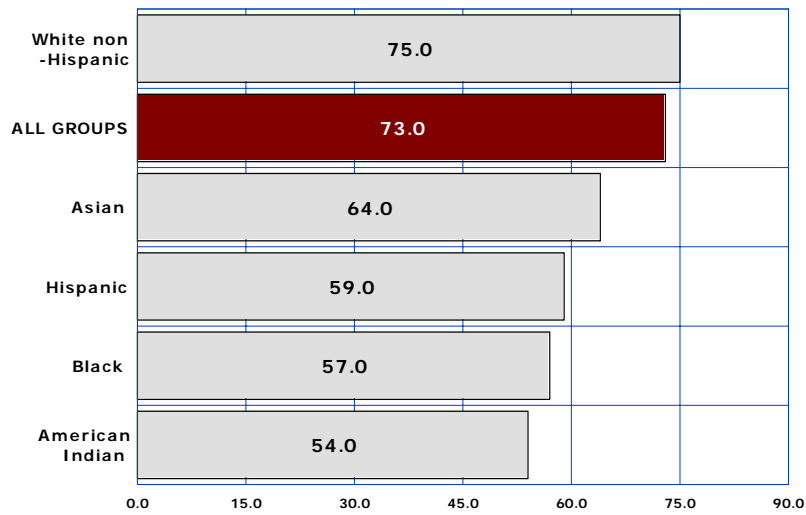


MEDIAN AGE AT DEATH IN 2000 AND 2007

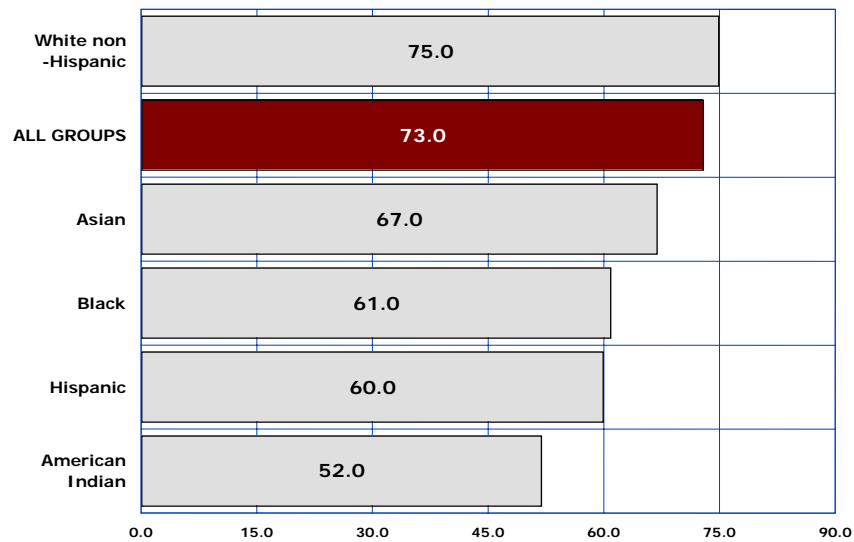
| By race/ethnicity | | | | | | |
|--------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Year | All groups | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
| 2000 | 76.0 | 77.0 | 66.0 | 66.0 | 57.5 | 68.0 |
| 2007 | 76.0 | 78.0 | 54.0 | 62.0 | 59.0 | 70.0 |
| % change from 2000 | 0.0 | 1.3 | -18.2 | -6.1 | 2.6 | 2.9 |

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

2007



2000

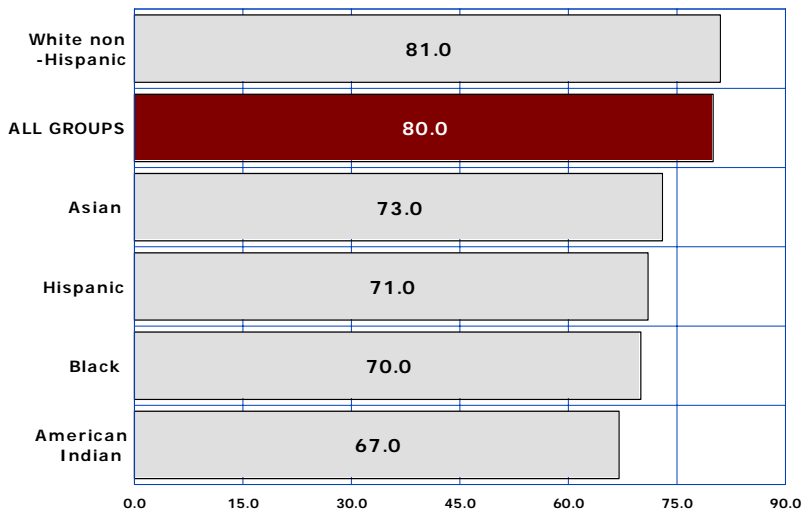


MEDIAN AGE AT DEATH AMONG MALES IN 2000 AND 2007

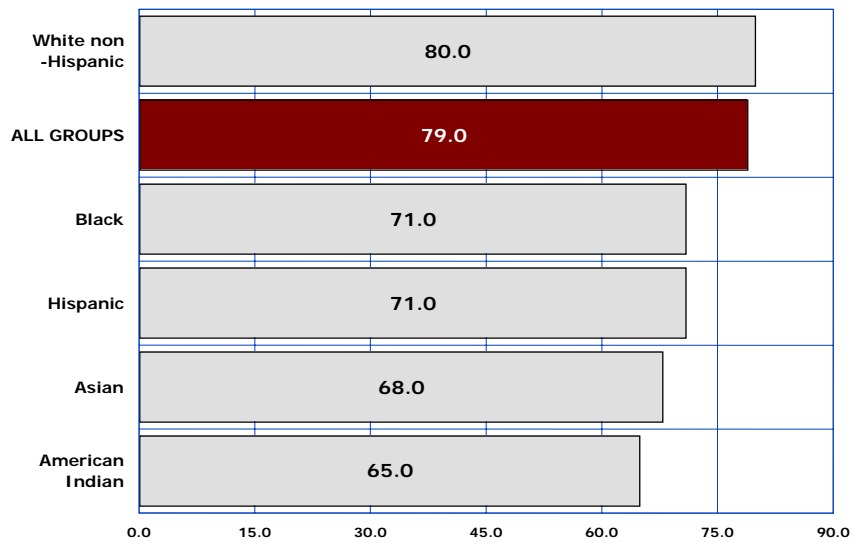
| By race/ethnicity | | | | | | |
|--------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Year | All groups | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
| 2000 | 73.0 | 75.0 | 60.0 | 61.0 | 52.0 | 67.0 |
| 2007 | 73.0 | 75.0 | 59.0 | 57.0 | 54.0 | 64.0 |
| % change from 2000 | 0.0 | 0.0 | -1.7 | -6.6 | 3.8 | -4.5 |

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

2007



2000

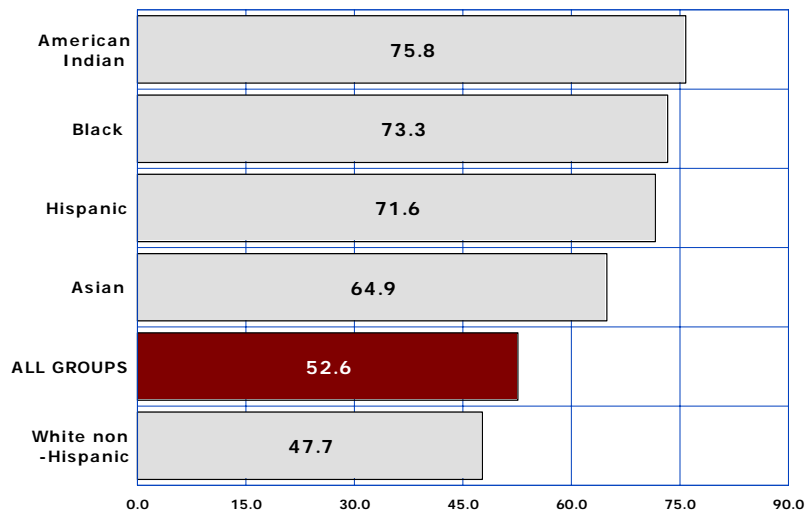


MEDIAN AGE AT DEATH AMONG FEMALES IN 2000 AND 2007

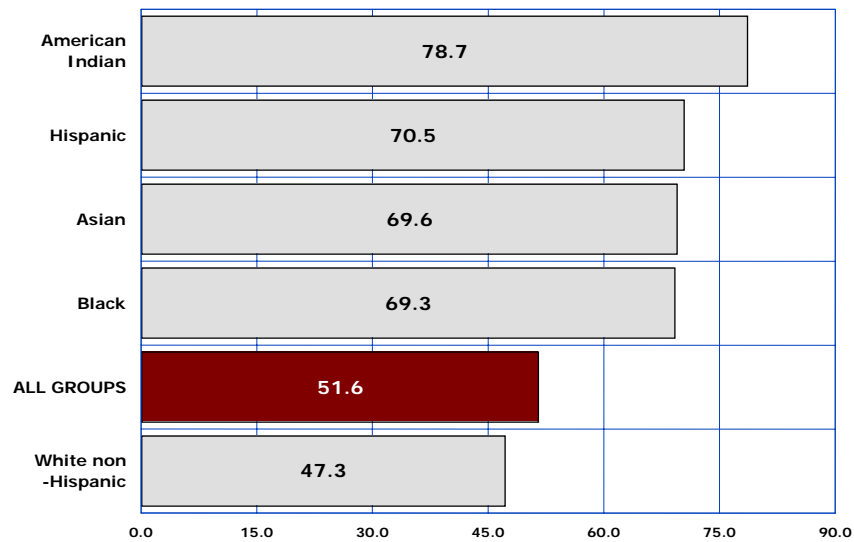
| By race/ethnicity | | | | | | |
|--------------------|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Year | All groups | White non-Hispanic | Hispanic or Latino | Black or African American | American Indian or Alaska Native | Asian or Pacific Islander |
| 2000 | 79.0 | 80.0 | 71.0 | 71.0 | 65.0 | 68.0 |
| 2007 | 80.0 | 81.0 | 71.0 | 70.0 | 67.0 | 73.0 |
| % change from 2000 | 1.3 | 1.3 | 0.0 | -1.4 | 3.1 | 7.4 |

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

2007



2000



DEATHS BEFORE EXPECTED YEARS OF LIFE REACHED IN 2000 AND 2007

| 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 |
| 2007 | 52.6 | 47.7 | 71.6 | 73.3 | 75.8 | 64.9 |
| % change from 2000 | 1.9 | 0.8 | 1.6 | 5.8 | -3.7 | -6.8 |

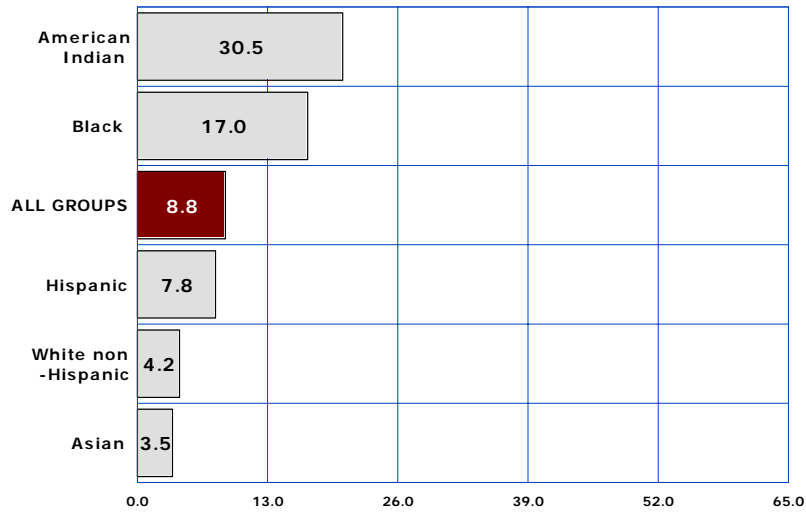
9

The Incidence of Reportable Diseases

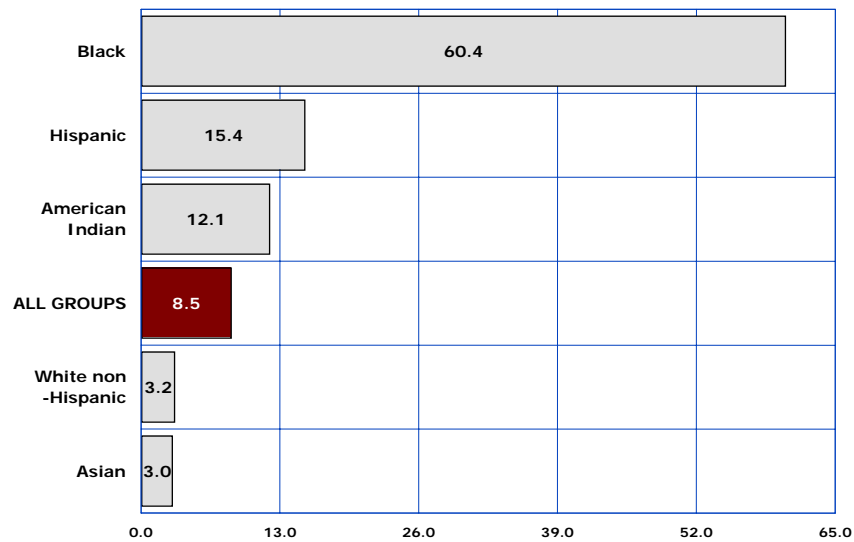
- 9-1 Rates of Early Syphilis
- 9-2 Rates of Gonorrhea
- 9-3 Rates of Chlamydia
- 9-4 Rates of Genital Herpes
- 9-5 Rates of HIV/AIDS

9-1 RATES OF EARLY SYPHILIS

2007



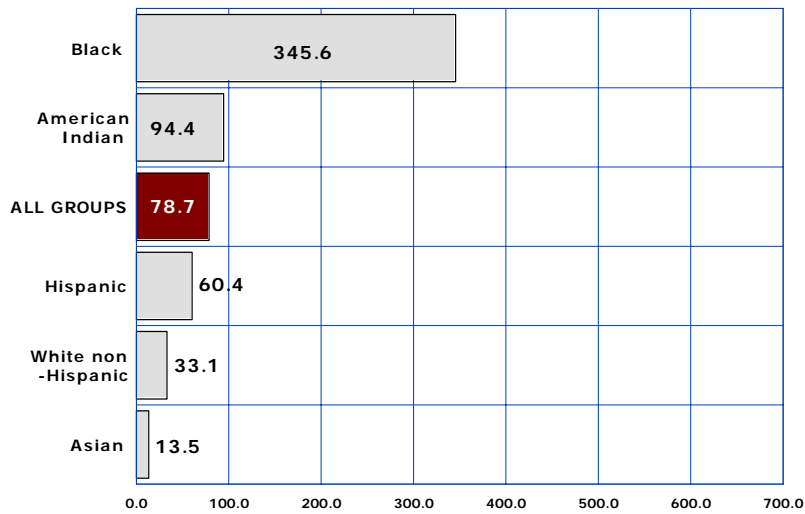
2000



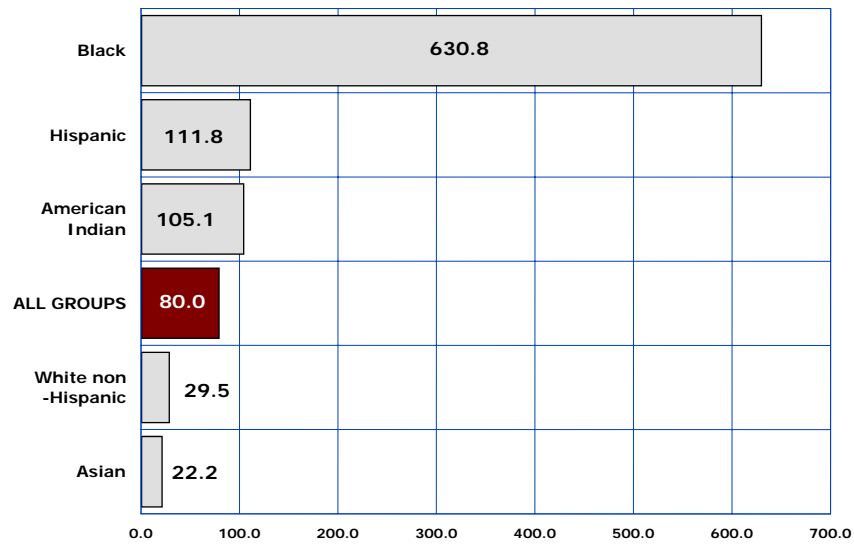
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Number of reported cases per 100,000 population by race/ethnicity | | | | | | |
| Year | All groups | 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 |
| 2007 | 8.8 | 4.2 | 7.8 | 17.0 | 30.5 | 3.5 |
| % change from 2000 | 3.5 | 31.3 | -49.4 | -71.9 | 69.4 | 16.7 |

9-2 RATES OF GONORRHEA

2007



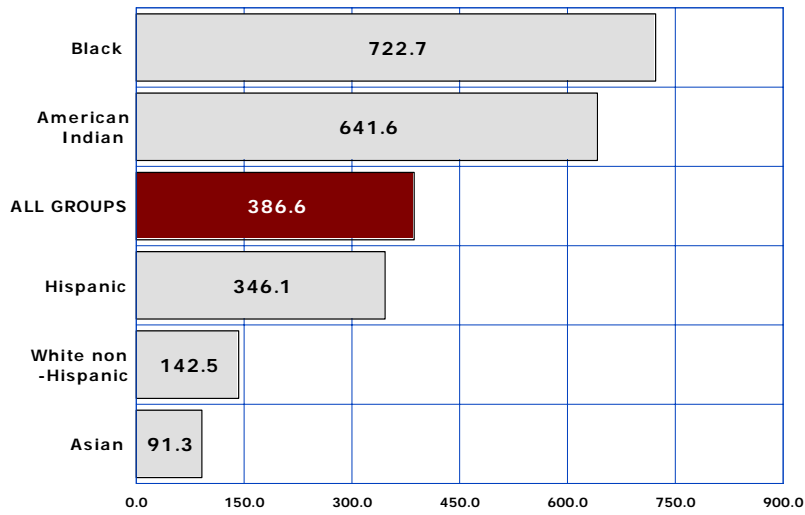
2000



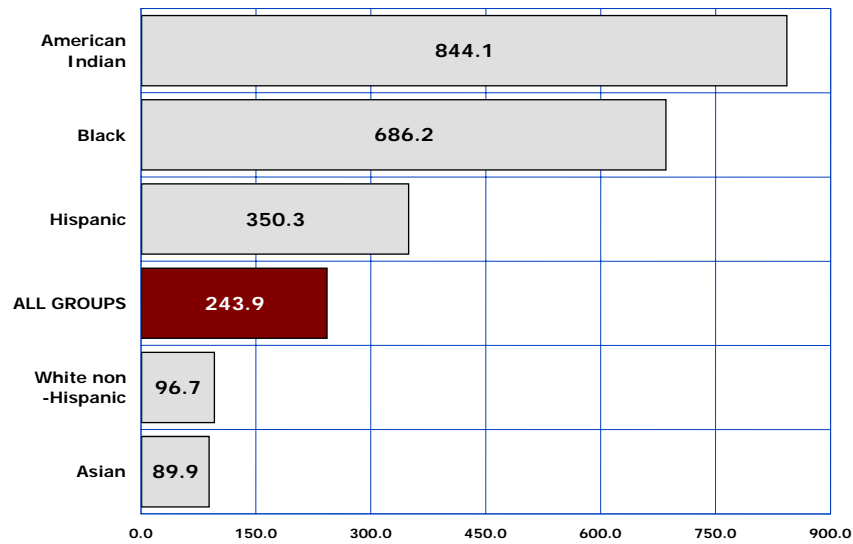
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Number of reported cases per 100,000 population by race/ethnicity | | | | | | |
| Year | All groups | 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 |
| 2007 | 78.7 | 33.1 | 60.4 | 345.6 | 94.4 | 13.5 |
| % change from 2000 | -1.6 | 12.2 | -46.0 | -45.2 | -10.2 | -39.2 |

9-3 RATES OF CHLAMYDIA

2007



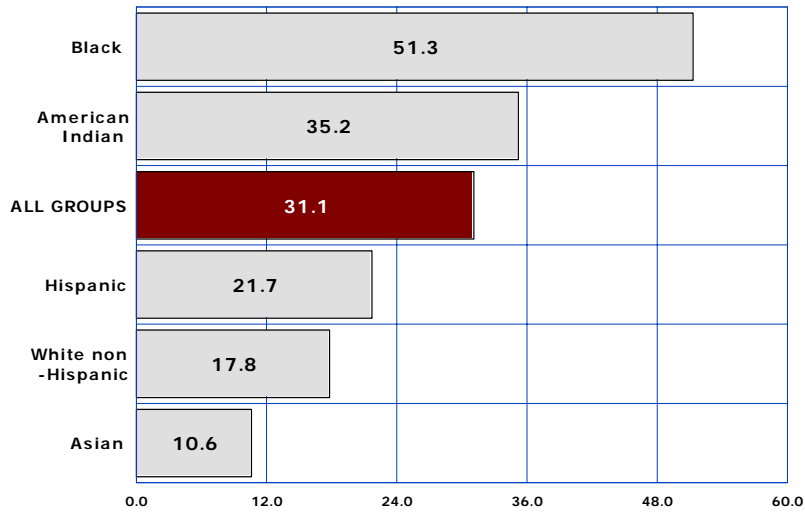
2000



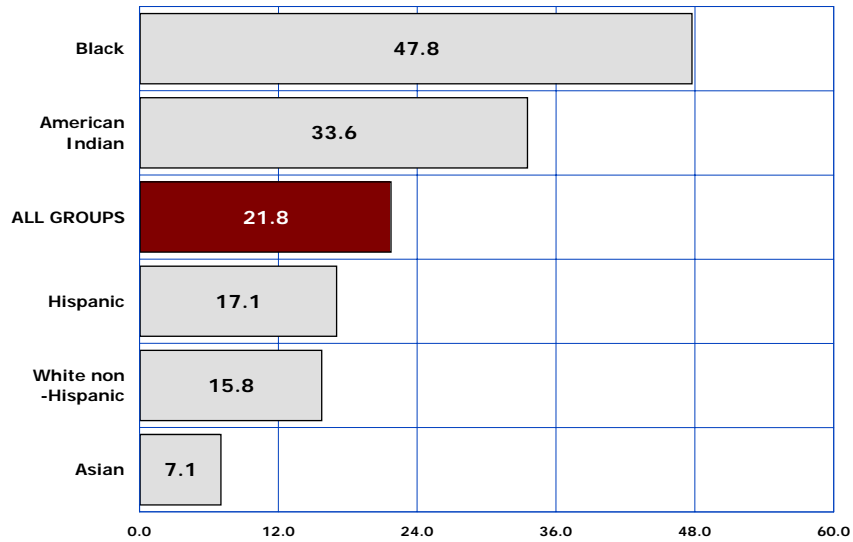
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Number of reported cases per 100,000 population by race/ethnicity | | | | | | |
| Year | All groups | 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 |
| 2007 | 386.6 | 142.5 | 346.1 | 722.7 | 641.6 | 91.3 |
| % change from 2000 | 58.5 | 47.4 | -1.2 | 5.3 | -24.0 | 1.6 |

9-4 RATES OF GENITAL HERPES

2007



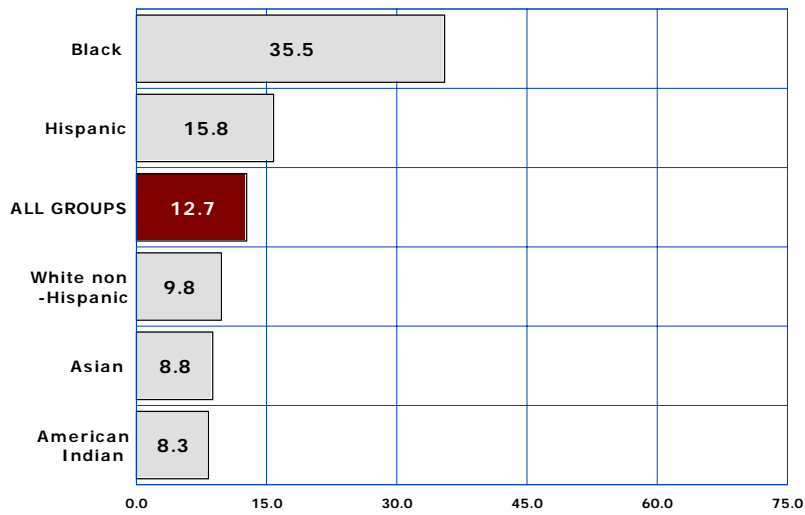
2000



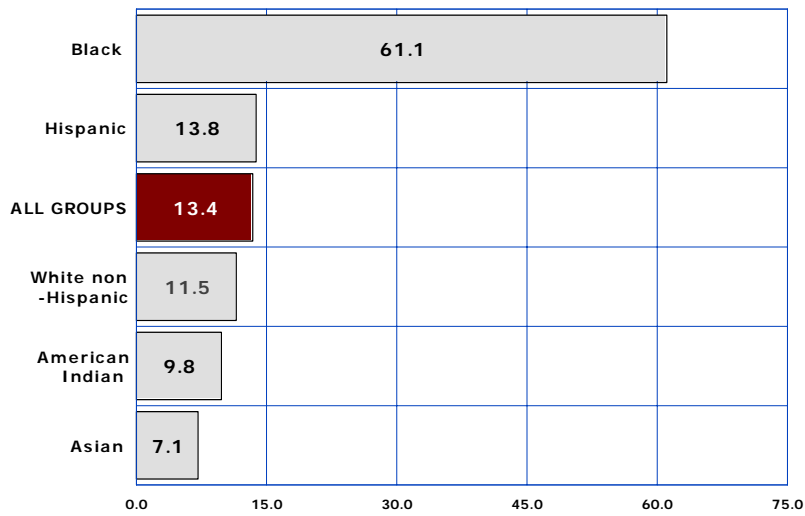
| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|---|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| Number of reported cases per 100,000 population by race/ethnicity | | | | | | |
| Year | All groups | 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 |
| 2007 | 31.1 | 17.8 | 21.7 | 51.3 | 35.2 | 10.6 |
| % change from 2000 | 42.7 | 12.7 | 26.9 | 7.3 | 4.8 | 49.3 |

9-5 RATES OF HIV/AIDS

2007



2000



| COMPARATIVE RATES FOR 2000 AND 2007 | | | | | | |
|--|------------|--------------------|--------------------|---------------------------|----------------------------------|---------------------------|
| 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 |
| 2007 | 12.7 | 9.8 | 15.8 | 35.5 | 8.3 | 8.8 |
| % change from 2000 | -5.2 | -14.8 | 14.5 | -41.9 | -15.3 | 23.9 |

COMPARATIVE RATES AND RATIOS FOR 2000-2007

**COMPARATIVE RATES AND RATIOS FOR
2000 – 2007**

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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 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 4-1. - Hyaline membrane disease | | | | | | |
| 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 | | | | | | |
| 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) | | | | | | |
| 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) | | | | | | |
| 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 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 4-5. - Born too small: very low-birthweight (<1,500 grams) | | | | | | |
| 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) | | | | | | |
| 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 | | | | | | |
| 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) | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 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 4-11. - Postneonatal mortality | | | | | | |
| 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. The rates for breast and cervical cancer are per 100,000 females. The rates for prostate cancer are per 100,000 males.)

| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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) | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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) | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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) | | | | | | |
| 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) | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 45-65 years old | | | | | | |
| 2007 | 582.8 | 593.4 | 494 | 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 | 1103.8 | 1077.0 | 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | |
| 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/AIDS | | | | | | |
| 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 2007

SCORES IN 2007

(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 | -44.8 | 60.8 | 4.9 | 13.7 | -55.5 |
| 1-2 | Pregnancies among females 14 and younger | -40.0 | 26.7 | 53.3 | 33.3 | -53.3 |
| 1-3 | Pregnancies among females 15-17 years old | -57.7 | 85.6 | 0.0 | 14.9 | -67.5 |
| 1-4 | Pregnancies among females 18-19 years old | -42.1 | 65.7 | 18.7 | 2.9 | -48.8 |
| | TOTAL SCORE | -184.6 | 238.8 | 77.0 | 64.8 | -225.1 |
| | AVERAGE SCORE | -46.2 | 59.7 | 19.3 | 16.2 | -56.3 |

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 | -28.5 | 26.0 | 37.6 | 68.7 | -60.9 |
| 2-2 | Tobacco use during pregnancy | 76.6 | -66.0 | 44.7 | -34.0 | -59.6 |
| 2-3 | Alcohol use during pregnancy | 16.7 | -66.7 | 0.0 | 200.0 | -66.7 |
| 2-4 | Chronic hypertension | 0.0 | -16.7 | 83.3 | 150.0 | -16.7 |
| 2-5 | Dysfunctional labor | 9.1 | -27.3 | 0.0 | 163.6 | 18.2 |
| 2-6 | Anemia during pregnancy | 10.0 | -33.3 | 43.3 | 126.7 | -20.0 |
| 2-7 | Diabetes during pregnancy | -20.6 | -2.9 | -11.8 | 135.3 | 73.5 |
| 2-8 | Pregnancy associated hypertension | 19.4 | -29.0 | 12.9 | 87.1 | -22.6 |
| 2-9 | Genital herpes during pregnancy | 71.4 | -57.1 | 14.3 | -28.6 | -28.6 |
| 2-10 | Weight gain of less than 21 pounds | -28.5 | 23.3 | 8.7 | 26.1 | -23.3 |
| | TOTAL SCORE | 125.6 | -249.7 | 233.0 | 894.8 | -206.6 |
| | AVERAGE SCORE | 12.6 | -25.0 | 23.3 | 89.5 | -20.7 |

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 | -39.7 | 31.7 | 3.6 | 52.2 | -39.7 |
| 3-2 | Fewer than five prenatal visits | -50.0 | 35.0 | 18.3 | 100.0 | -45.0 |
| 3-3 | No prenatal care | -59.1 | 45.5 | 22.7 | 45.5 | -31.8 |
| | TOTAL SCORE | -148.8 | 112.2 | 44.6 | 197.7 | -116.6 |
| | AVERAGE SCORE | -49.6 | 37.4 | 14.9 | 65.9 | -38.9 |

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 | 25.0 | -50.0 | 50.0 | -50.0 | 0.0 |
| 4-2 | Newborn intensive care | 11.8 | -11.8 | 43.1 | -11.8 | -3.9 |
| 4-3 | Born too early (preterm or < 37 weeks) | 1.0 | -4.9 | 44.7 | 1.0 | -6.8 |
| 4-4 | Born too small: low-birthweight (<2,500 grams) | 0.0 | -7.0 | 80.3 | -7.0 | 12.7 |
| 4-5 | Born too small: very low-birthweight (<1,500 grams) | -8.3 | 0.0 | 116.7 | -16.7 | -16.7 |
| 4-6 | Incidence of congenital anomalies (birth defects) | 12.5 | -12.5 | -12.5 | 75.0 | 0.0 |
| 4-7 | Infant mortality | -17.6 | 8.8 | 122.1 | 19.1 | -52.9 |
| 4-8 | Sudden Infant Death Syndrome (SIDS) | 25.0 | -25.0 | 150.0 | 50.0 | -100.0 |
| 4-9 | Mortality of infants from low birthweight/short gestation | -44.4 | 33.3 | 166.7 | -11.1 | 0.0 |
| 4-10 | Neonatal mortality | -19.1 | 10.6 | 119.1 | -10.6 | -44.7 |
| 4-11 | Postneonatal mortality | -21.7 | -4.3 | 108.7 | 69.6 | -73.9 |
| | TOTAL SCORE | -36.1 | -62.7 | 988.8 | 107.4 | -286.2 |
| | AVERAGE SCORE | -3.3 | -5.7 | 89.9 | 9.8 | -26.0 |

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 | 1.3 | -7.5 | 16.2 | -20.3 | -44.0 |
| 5-2 | Diseases of the heart | 2.5 | -12.0 | 14.6 | -22.9 | -60.8 |
| 5-3 | Coronary heart disease | 2.6 | -11.6 | 18.8 | -26.4 | -58.3 |
| 5-4 | Cerebrovascular disease | -2.9 | 14.1 | 11.4 | -28.1 | 23.2 |
| 5-5 | Chronic lower respiratory diseases | 11.5 | -52.0 | -52.3 | -66.8 | -80.9 |
| 5-6 | Malignant neoplasms (cancer) | 4.5 | -19.9 | 3.6 | -23.0 | -43.1 |
| 5-7 | Lung cancer | 11.0 | -46.3 | 3.7 | -74.1 | -43.7 |
| 5-8 | Breast cancer | 2.0 | -15.9 | 18.9 | -19.4 | -43.8 |
| 5-9 | Cervical cancer | -15.8 | 68.4 | 21.1 | 21.1 | -36.8 |
| 5-10 | Colorectal cancer | 4.2 | -16.7 | 9.0 | -44.4 | -34.7 |
| 5-11 | Prostate cancer | 3.2 | -16.4 | 24.9 | -12.2 | 2.6 |
| 5-12 | Influenza and pneumonia | -4.7 | 11.6 | 0.8 | 165.9 | -42.6 |
| 5-13 | Diabetes | -19.4 | 81.2 | 78.2 | 200.6 | -70.0 |
| 5-14 | Chronic liver disease and cirrhosis | -15.0 | 44.2 | -47.8 | 225.7 | -71.7 |
| 5-15 | HIV disease | -23.5 | 0.0 | 252.9 | 111.8 | -76.5 |
| 5-16 | Septicemia | -13.6 | 28.4 | 81.5 | 119.8 | 34.6 |
| 5-17 | Alzheimer's disease | 4.4 | -18.6 | 0.7 | -65.2 | -56.4 |
| 5-18 | Nephritis, nephrotic syndrome and nephrosis (kidney disease) | -21.1 | 72.4 | 151.3 | 171.1 | -34.2 |
| 5-19 | Essential (primary) hypertension | -7.0 | -1.8 | 122.8 | 96.5 | 28.1 |
| 5-20 | Total mortality from all causes | 0.3 | -9.0 | 8.4 | 13.5 | -46.3 |
| | TOTAL SCORE | -75.7 | 92.6 | 738.8 | 722.8 | -755.4 |
| | AVERAGE SCORE | -3.8 | 4.6 | 36.9 | 36.1 | -37.8 |

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 | -3.6 | -12.9 | 3.2 | 103.9 | -56.4 |
| 6-2 | Motor vehicle-related injuries | -19.1 | 8.6 | -16.0 | 202.5 | -38.9 |
| 6-3 | Fall-related injuries | 2.8 | -29.2 | -34.0 | -8.5 | -47.2 |
| 6-4 | Drowning mortality | 0.0 | -7.7 | 107.7 | 92.3 | -53.8 |
| 6-5 | Injury by firearms | -7.6 | 3.5 | 74.3 | -47.2 | -78.5 |
| 6-6 | Drug-induced deaths | 22.5 | -42.4 | 30.5 | -42.4 | -80.8 |
| 6-7 | Alcohol-induced deaths | -15.3 | 6.3 | -37.8 | 344.1 | -77.5 |
| 6-8 | Intentional self-harm (suicide) | 21.4 | -40.3 | -59.7 | -36.4 | -60.4 |
| 6-9 | Assault (homicide) | -49.4 | 55.8 | 203.9 | 70.1 | -66.2 |
| | TOTAL SCORE | -48.3 | -58.2 | 272.0 | 678.5 | -559.7 |
| | AVERAGE SCORE | -5.4 | -6.5 | 30.2 | 33.9 | 28.0 |

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 | -27.2 | 13.3 | 49.2 | 75.9 | -10.3 |
| 7-2 | Mortality of adolescents and young adults 15-19 years old | -14.0 | 9.1 | 19.0 | 61.8 | -76.5 |
| 7-3 | Mortality among adults 20-44 years old | -4.3 | -10.8 | 40.3 | 110.8 | -63.6 |
| 7-4 | Mortality among adults 45-65 years old | 1.8 | -15.2 | 43.0 | 26.5 | -53.2 |
| | TOTAL SCORE | -43.7 | -3.6 | 151.6 | 275.0 | -203.5 |
| | AVERAGE SCORE | -10.9 | -0.9 | 37.9 | 68.8 | -50.9 |

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 | 15.8 | 18.4 | 22.4 | 7.9 |
| 8-2 | Median age at death from all causes among males | -2.7 | 19.2 | 21.9 | 26.0 | 12.3 |
| 8-3 | Median age at death from all causes among females | -1.3 | 11.3 | 12.5 | 16.3 | 8.8 |
| 8-4 | Percent of total deaths before expected years of life reached | -9.3 | 36.1 | 39.4 | 44.1 | 23.4 |
| | TOTAL SCORE | -15.9 | 82.3 | 92.2 | 108.8 | 52.4 |
| | AVERAGE SCORE | -4.0 | 20.6 | 23.1 | 27.2 | 13.1 |

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 | -52.3 | -11.4 | 93.2 | 133.0 | -60.2 |
| 9-2 | Incidence of gonorrhea | -57.9 | -23.3 | 339.1 | 19.9 | -82.8 |
| 9-3 | Incidence of chlamydia | -63.1 | -10.5 | 86.9 | 66.0 | -76.4 |
| 9-4 | Incidence of genital herpes | -42.8 | -30.2 | 65.0 | 13.2 | -65.9 |
| 9-5 | Incidence of HIV/HIV/AIDS | -22.8 | 24.4 | 179.5 | -34.6 | -30.7 |
| | TOTAL SCORE | -239.0 | -50.9 | 763.7 | 197.4 | -316.1 |
| | AVERAGE SCORE | -47.8 | -10.2 | 152.7 | 39.5 | 63.2 |

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 | -666.5 | 100.8 | 3361.7 | 3247.2 | -2616.8 |
| | AVERAGE SCORE | -9.5 | 1.4 | 48.0 | 46.4 | -37.4 |

RANKING ORDER IN 2007

RANK ORDER IN 2007

(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 | 2.0 | 3.0 | 5.0 | 4.0 | 1.0 |
| 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 | 8.0 | 18.0 | 15.0 | 15.0 | 4.0 |
| | AVERAGE RANK | 2.0 | 4.5 | 3.8 | 3.8 | 1.0 |

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 | 1.0 | 4.0 | 3.0 | 2.0 |
| 2-3 | Alcohol use during pregnancy | 4.0 | 1.5 | 3.0 | 5.0 | 1.5 |
| 2-4 | Chronic hypertension | 3.0 | 1.5 | 4.0 | 5.0 | 1.5 |
| 2-5 | Dysfunctional labor | 3.0 | 1.0 | 2.0 | 5.0 | 4.0 |
| 2-6 | Anemia during pregnancy | 3.0 | 1.0 | 4.0 | 5.0 | 2.0 |
| 2-7 | Diabetes during pregnancy | 1.0 | 3.0 | 2.0 | 5.0 | 4.0 |
| 2-8 | Pregnancy associated hypertension | 4.0 | 1.0 | 3.0 | 5.0 | 2.0 |
| 2-9 | Genital herpes during pregnancy | 5.0 | 1.0 | 4.0 | 2.5 | 2.5 |
| 2-10 | Weight gain of less than 21 pounds | 1.0 | 4.0 | 3.0 | 5.0 | 2.0 |
| | SUM OF RANKS | 31.0 | 18.0 | 33.0 | 45.5 | 22.5 |
| | AVERAGE RANK | 3.1 | 1.8 | 3.3 | 4.6 | 2.3 |

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 | 1.5 | 4.0 | 3.0 | 5.0 | 1.5 |
| 3-2 | Fewer than five prenatal visits | 1.0 | 4.0 | 3.0 | 5.0 | 2.0 |
| 3-3 | No prenatal care | 1.0 | 4.5 | 3.0 | 4.5 | 2.0 |
| | SUM OF RANKS | 3.5 | 12.5 | 9.0 | 14.5 | 5.5 |
| | AVERAGE RANK | 1.2 | 4.2 | 3.0 | 4.8 | 1.8 |

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 | 1.5 | 5.0 | 1.5 | 3.0 |
| 4-2 | Newborn intensive care | 4.0 | 1.5 | 5.0 | 1.5 | 3.0 |
| 4-3 | Born too early (preterm or < 37 weeks) | 3.5 | 2.0 | 5.0 | 3.5 | 1.0 |
| 4-4 | Born too small: low-birthweight (<2,500 grams) | 3.0 | 1.5 | 5.0 | 1.5 | 4.0 |
| 4-5 | Born too small: very low-birthweight (<1,500 grams) | 3.0 | 4.0 | 5.0 | 1.5 | 1.5 |
| 4-6 | Incidence of congenital anomalies (birth defects) | 4.0 | 1.5 | 1.5 | 5.0 | 3.0 |
| 4-7 | Infant mortality | 2.0 | 3.0 | 5.0 | 4.0 | 1.0 |
| 4-8 | Sudden Infant Death Syndrome (SIDS) | 3.0 | 2.0 | 5.0 | 4.0 | 1.0 |
| 4-9 | Mortality of infants from low birthweight/short gestation | 1.0 | 4.0 | 5.0 | 2.0 | 3.0 |
| 4-10 | Neonatal mortality | 2.0 | 4.0 | 5.0 | 3.0 | 1.0 |
| 4-11 | Postneonatal mortality | 2.0 | 3.0 | 5.0 | 4.0 | 1.0 |
| | SUM OF RANKS | 31.5 | 28.0 | 51.5 | 31.5 | 22.5 |
| | AVERAGE RANK | 2.9 | 2.5 | 4.7 | 2.9 | 2.0 |

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 | 4.0 | 3.0 | 1.0 | 5.0 |
| 5-5 | Chronic lower respiratory diseases | 5.0 | 4.0 | 3.0 | 2.0 | 1.0 |
| 5-6 | Malignant neoplasms (cancer) | 5.0 | 3.0 | 4.0 | 2.0 | 1.0 |
| 5-7 | Lung cancer | 5.0 | 2.0 | 4.0 | 1.0 | 3.0 |
| 5-8 | Breast cancer | 4.0 | 3.0 | 5.0 | 2.0 | 1.0 |
| 5-9 | Cervical cancer | 2.0 | 5.0 | 3.5 | 3.5 | 1.0 |
| 5-10 | Colorectal cancer | 4.0 | 3.0 | 5.0 | 1.0 | 2.0 |
| 5-11 | Prostate cancer | 4.0 | 1.0 | 5.0 | 2.0 | 3.0 |
| 5-12 | Influenza and pneumonia | 2.0 | 4.0 | 3.0 | 5.0 | 1.0 |
| 5-13 | Diabetes | 2.0 | 4.0 | 3.0 | 5.0 | 1.0 |
| 5-14 | Chronic liver disease and cirrhosis | 2.0 | 4.0 | 2.0 | 5.0 | 1.0 |
| 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 | 2.0 | 5.0 | 4.0 | 3.0 |
| 5-20 | Total mortality from all causes | 3.0 | 2.0 | 4.0 | 5.0 | 1.0 |
| | SUM OF RANKS | 63.0 | 61.0 | 81.5 | 59.5 | 34.0 |
| | AVERAGE RANK | 3.2 | 3.1 | 4.1 | 3.0 | 1.7 |

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 | 3.0 | 2.0 | 4.0 | 5.0 | 1.0 |
| 6-2 | Motor vehicle-related injuries | 2.0 | 4.0 | 3.0 | 5.0 | 1.0 |
| 6-3 | Fall-related injuries | 5.0 | 3.0 | 2.0 | 4.0 | 1.0 |
| 6-4 | Drowning mortality | 3.0 | 2.0 | 5.0 | 4.0 | 1.0 |
| 6-5 | Injury by firearms | 3.0 | 4.0 | 5.0 | 2.0 | 1.0 |
| 6-6 | Drug-induced deaths | 4.0 | 2.5 | 5.0 | 2.5 | 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 | 3.0 | 2.0 | 4.0 | 1.0 |
| 6-9 | Assault (homicide) | 2.0 | 3.0 | 5.0 | 4.0 | 1.0 |
| | SUM OF RANKS | 30.0 | 27.5 | 33.0 | 35.5 | 9.0 |
| | AVERAGE RANK | 3.3 | 3.1 | 3.7 | 3.9 | 1.0 |

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 | 3.0 | 4.0 | 5.0 | 2.0 |
| 7-2 | Mortality of adolescents and young adults 15-19 years old | 2.0 | 3.0 | 4.0 | 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 | 5.0 | 4.0 | 1.0 |
| | SUM OF RANKS | 9.0 | 10.0 | 17.0 | 19.0 | 5.0 |
| | AVERAGE RANK | 2.3 | 2.5 | 4.3 | 4.8 | 1.3 |

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 | 5.0 | 4.0 | 1.0 |
| 9-5 | Incidence of HIV/AIDS | 3.0 | 4.0 | 5.0 | 1.0 | 2.0 |
| | SUM OF RANKS | 11.0 | 16.0 | 24.0 | 18.0 | 6.0 |
| | AVERAGE RANK | 2.2 | 3.2 | 4.8 | 3.6 | 1.2 |

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 | 191.0 | 203.0 | 280.0 | 258.5 | 116.5 |
| | AVERAGE RANKS BASED ON 70 MEASUREMENTS | 2.7 | 2.9 | 4.0 | 3.7 | 1.7 |

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.

Two data sources were utilized in producing the 2007 population estimates. The totals for the State and each of its counties agree with the projections released by the Department of Economic Security (DES) on March 31, 2006 (<http://www.workforce.az.gov/?PAGEID=67&SUBID=138>). The percentages of population breakdowns by single-year of age, gender and race/ethnicity were derived from the "Bridged-Race Vintage 2006 Postcensal Population Estimates for Calculating Vital Rates", available at <http://www.cdc.gov/nchs/about/major/dvs/popbridge/datadoc.htm#vintage2006>. These percentages were then applied to total state and county population projections for 2007 from DES.

Almost all figures are based on rates and ratios published in the *2007 Arizona Health Status and Vital Statistics* report and available online at <http://www.azdhs.gov/plan/report/ahs/ahs2007/toc07.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, nephritic 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 in 2007 |
| 7-2 | Mortality of adolescents 15-19 years old | The number of deaths per 100,000 adolescents 15-19 years old in 2007 |
| 7-3 | Mortality of young adults 20-44 years old | The number of deaths per 100,000 young adults 20-44 years old in 2007 |
| 7-4 | Mortality of middle-aged adults 45-64 years old | The number of deaths per 100,000 middle-aged adults 45-64 years old in 2007 |

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 in 2007. |
| 8-2 | Median age at death from all causes among males | The median age (the age in the middle) of Arizona males who died in 2007. |
| 8-3 | Median age at death from all causes among females | The median age (the age in the middle) of Arizona females who died in 2007. |
| 8-4 | Percent of total deaths before expected years of life reached | 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 2000-2007 are provisional (2000-2007 volume as of 5/20/2008). |

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 | 2007 population B | 2007 deaths C | Age-specific rates in 2007 D (C/B)*100000 | 2000 standard E | Age-adjusted rate for 2007 F D*E |
|----------------|----------------------|------------------|---|--------------------|--|
| <1 | 102587 | 701 | 683.3 | .013818 | 9.4 |
| 1-4 | 396458 | 111 | 28.0 | .055317 | 1.6 |
| 5-14 | 913680 | 145 | 15.9 | .145565 | 2.3 |
| 15-24 | 889177 | 853 | 95.9 | .138646 | 13.3 |
| 25-34 | 930335 | 999 | 107.4 | .135573 | 14.6 |
| 35-44 | 883484 | 1610 | 182.2 | .162613 | 29.6 |
| 45-54 | 831302 | 3353 | 403.3 | .134834 | 54.4 |
| 55-64 | 649212 | 5276 | 812.7 | .087247 | 70.9 |
| 65-74 | 425190 | 7340 | 1726.3 | .066037 | 114.0 |
| 75-84 | 302091 | 11950 | 3955.8 | .044842 | 177.4 |
| 85+ | 108491 | 12292 | 11330.0 | .015508 | 175.7 |
| All ages | 6432007 | 44640 | | TOTAL | 663.2 |

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/ahs2007/pdf/compratio.pdf>

POPULATION DENOMINATORS

**POPULATION BY RACE/ETHNICITY:
ARIZONA RESIDENTS, 1990, 2000 AND 2007**

| Race/ethnic group | 1990 | 2000 | 2007 | Percent increase from 1990 to 2007 |
|---|-----------|-----------|-----------|------------------------------------|
| All Groups | 3,665,228 | 5,130,632 | 6,432,007 | 74.5 |
| White Non-Hispanic | 2,607,633 | 3,274,258 | 3,872,764 | 48.5 |
| Hispanic or Latino | 688,338 | 1,295,617 | 1,798,222 | 161.2 |
| Black or African American | 110,524 | 158,873 | 253,477 | 129.3 |
| American Indian or Alaska Native | 203,527 | 255,879 | 337,764 | 66.0 |
| Asian or Pacific Islander | 55,026 | 98,969 | 169,780 | 208.5 |

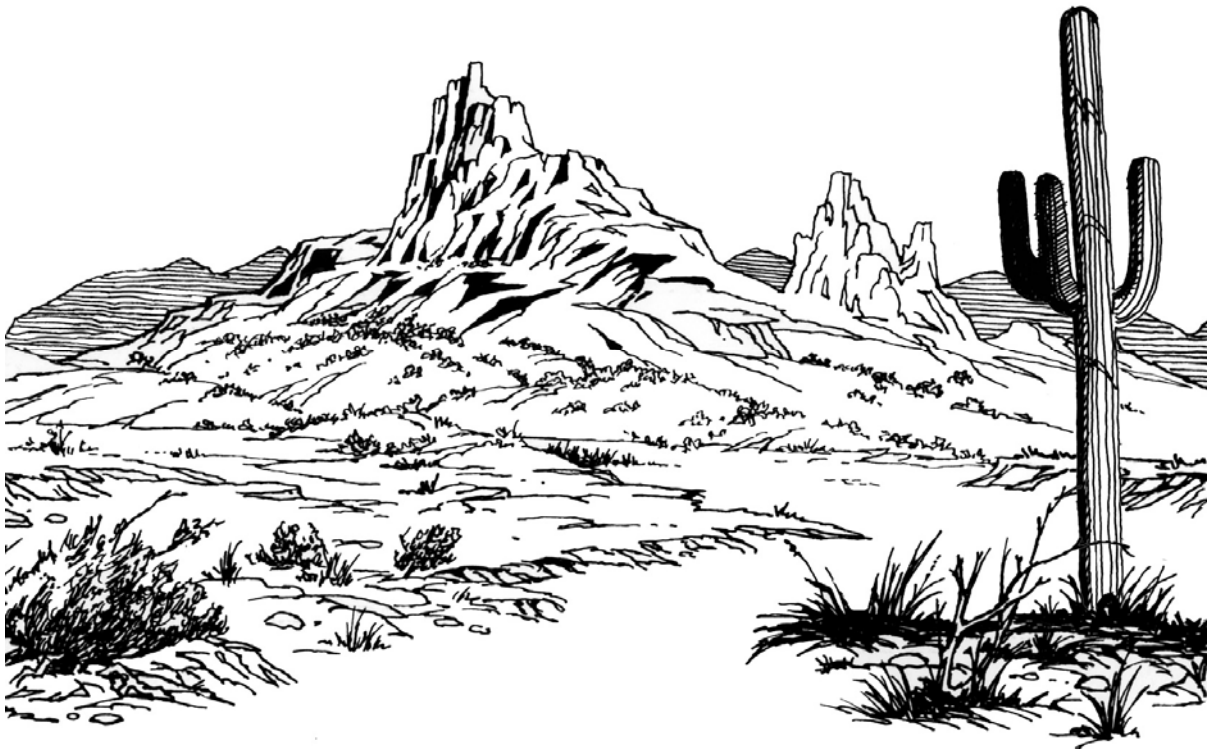
Note: Data for 1990 and 2000 are the census counts. Two data sources were utilized in producing the 2007 population estimates. The totals for the State and each of its counties agree with the projections released by the Department of Economic Security (DES) on March 31, 2006 (<http://www.workforce.az.gov/?PAGEID=67&SUBID=138>). The percentages of population breakdowns by single-year of age, gender and race/ethnicity were derived from the "Bridged-Race Vintage 2006 Postcensal Population Estimates for Calculating Vital Rates", available from the National Center for Health Statistics (<http://www.cdc.gov/nchs/about/major/dvs/popbridge/datadoc.htm#vintage2006>). These percentages were then applied to total state and county population projections for 2007 from DES. The 2007 population estimates by race/ethnicity should not be compared with the previously published estimates for 2001-2005, which used the 2000 year census shares.

ESTIMATED POPULATION BY AGE GROUP, GENDER AND RACE/ETHNICITY, ARIZONA, 2007

| | Age group | | | | | | | | | | | Total | | | | | |
|---|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|--|--|--|--|--|
| | <1 | 1-4 | 5-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85+ | | | | | | |
| All groups | | | | | | | | | | | | | | | | | |
| Total | 102,587 | 396,458 | 913,680 | 889,177 | 930,335 | 883,484 | 831,302 | 649,212 | 425,190 | 302,091 | 108,491 | 6,432,007 | | | | | |
| Male | 52,029 | 203,159 | 468,354 | 464,057 | 486,756 | 451,406 | 410,800 | 312,290 | 199,315 | 134,331 | 40,620 | 3,223,117 | | | | | |
| Female | 50,558 | 193,299 | 445,326 | 425,120 | 443,579 | 432,078 | 420,502 | 336,922 | 225,875 | 167,760 | 67,871 | 3,208,890 | | | | | |
| White non-Hispanic | | | | | | | | | | | | | | | | | |
| Total | 43,805 | 172,046 | 426,214 | 461,132 | 477,516 | 523,974 | 572,447 | 501,797 | 343,426 | 255,177 | 95,230 | 3,872,764 | | | | | |
| Male | 22,206 | 88,022 | 218,740 | 237,957 | 243,051 | 264,407 | 281,863 | 241,245 | 161,659 | 113,131 | 35,783 | 1,908,064 | | | | | |
| Female | 21,599 | 84,024 | 207,474 | 223,175 | 234,465 | 259,567 | 290,584 | 260,552 | 181,767 | 142,046 | 59,447 | 1,964,700 | | | | | |
| Hispanic or Latino | | | | | | | | | | | | | | | | | |
| Total | 45,358 | 171,135 | 353,853 | 296,036 | 329,727 | 248,908 | 170,878 | 93,710 | 51,015 | 29,399 | 8,203 | 1,798,222 | | | | | |
| Male | 22,963 | 87,603 | 181,258 | 156,998 | 180,675 | 131,692 | 86,348 | 45,947 | 23,441 | 12,824 | 3,025 | 932,774 | | | | | |
| Female | 22,395 | 83,532 | 172,595 | 139,038 | 149,052 | 117,216 | 84,530 | 47,763 | 27,574 | 16,575 | 5,178 | 865,448 | | | | | |
| Black or African American | | | | | | | | | | | | | | | | | |
| Total | 4,075 | 18,671 | 46,542 | 41,741 | 38,781 | 36,762 | 29,822 | 17,441 | 10,466 | 7,483 | 1,693 | 253,477 | | | | | |
| Male | 2,138 | 9,971 | 24,633 | 23,064 | 21,192 | 19,921 | 16,007 | 8,792 | 5,468 | 4,200 | 633 | 136,019 | | | | | |
| Female | 1,937 | 8,700 | 21,909 | 18,677 | 17,589 | 16,841 | 13,815 | 8,649 | 4,998 | 3,283 | 1,060 | 117,458 | | | | | |
| American Indian or Alaska Native | | | | | | | | | | | | | | | | | |
| Total | 6,500 | 23,702 | 63,698 | 67,089 | 50,267 | 44,454 | 37,176 | 23,160 | 12,823 | 6,512 | 2,383 | 337,764 | | | | | |
| Male | 3,269 | 11,972 | 32,060 | 33,736 | 25,052 | 21,567 | 17,259 | 10,903 | 5,587 | 2,795 | 819 | 165,019 | | | | | |
| Female | 3,231 | 11,730 | 31,638 | 33,353 | 25,215 | 22,887 | 19,917 | 12,257 | 7,236 | 3,717 | 1,564 | 172,745 | | | | | |
| Asian or Pacific Islander | | | | | | | | | | | | | | | | | |
| Total | 2,849 | 10,904 | 23,373 | 23,179 | 34,044 | 29,386 | 20,979 | 13,104 | 7,460 | 3,520 | 982 | 169,780 | | | | | |
| Male | 1,453 | 5,591 | 11,663 | 12,302 | 16,786 | 13,819 | 9,323 | 5,403 | 3,160 | 1,381 | 360 | 81,241 | | | | | |
| Female | 1,396 | 5,313 | 11,710 | 10,877 | 17,258 | 15,567 | 11,656 | 7,701 | 4,300 | 2,139 | 622 | 88,539 | | | | | |

Note: Two data sources were utilized in producing the 2007 population estimates. The totals for the State and each of its counties agree with the projections released by the Department of Economic Security (DES) on March 31, 2006 (<http://www.workforce.az.gov/?PAGEID=67&SUBID=138>). The percentages of population breakdowns by single-year of age, gender and race/ethnicity were derived from the "Bridged-Race Vintage 2006 Postcensal Population Estimates for Calculating Vital Rates", available from the National Center for Health Statistics (<http://www.cdc.gov/nchs/about/major/dvs/popbridge/datadoc.htm#vintage2006>). These percentages were then applied to total state and county population projections for 2007 from DES. The 2007 population estimates by race/ethnicity should not be compared with the previously published estimates for 2001-2005, which used the 2000 year census shares.

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



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